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THE WEEKLY
FLORISTS' REVIEW

A JOURNAL *for* FLORISTS, SEEDSMEN *and* NURSERYMEN



AUTUMN·NUMBER

THE WEEKLY FLORISTS' REVIEW

A JOURNAL *for* FLORISTS, SEEDSMEN *and* NURSERYMEN



AUTUMN·NUMBER

Dennison QUALITY

Dennison's
TRADE MARK

Dennison QUALITY

Tags for Holiday Flowers

The one receiving the box of flowers looks first at the tag. The tag must reflect the standing of the florist's shop, and add to the good looks of the package.

Dennison's FLORIST TAGS
TRADE MARK

Are made in a variety of designs and color schemes. The white stock used in them is not discolored by water. The printing conforms in every way to the highest standards.

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THE AUTUMN FLOWER SHOWS

CINCINNATI.

The first large flower show that Cincinnatians have had an opportunity to see at home formally opened auspiciously on Monday evening, November 13, when the vice-mayor of Cincinnati, Hon. John Galvin, gave an address on behalf of the citizens, welcoming the affair and wishing it every success. In his talk he told of the appeal of flowers to the higher and finer senses of the people and of the language they speak. Finally, he commented on the growth of the trade from a business to an industry.

The severe cold wave marred the opening and first day's display in numbers of entries, for what was apparently the largest and best lot of chrysanthemums, that of Charles H. Totty, of Madison, N. J., was frozen stiff while in the local warehouse of an express company. The few he managed to save showed the possibilities open to him had he been able to stage them all properly. R. Witterstaetter, too, suffered a setback that would have discouraged ordinary mortals. He had been retarding his show plants in a coldframe to have them in the best possible shape for this week. The high winds of Saturday night lifted some of the sashes from them and the drop from 60 degrees to 20 degrees in a few hours' time did the rest. With, however, other plants in the greenhouses that he called his seconds, he came within the money a number of times.

E. G. Hill Co., Richmond, Ind.; Elmer D. Smith & Co., Adrian, Mich.; Poehlmann Bros. Co., Morton Grove, Ill.; Theodore Bock, Hamilton, O.; A. N. Pierson, Cromwell, Conn.; Thomas Meehan & Sons, Germantown, Pa., who exhibited hardy varieties, not for competition; Hartje & Elder, Indianapolis; South Park Floral Co., New Castle, Ind., and J. A. Peterson, R. Witterstaetter, Ed. Fries, John Fries, Chas. Pfeiffer, Ed. Dellar and Henry Schwarz, all from the vicinity of Cincinnati, were among the large exhibitors.

The crowd on the opening day, while not overly large, was all that the committee anticipated. The public, judging from reports of members, was waiting for the Wednesday and Thursday exhibits. Those there expressed their satisfaction and many volunteered statements that they would be back.

Horticultural hall was laid out as a garden. Groups of palms and decorative plants were in the center, while the mum plants and some vases of large mums filled the beds around the edge. The display tables were stretched along the north side and near the front on the east. While the number of entries did not, perhaps, come up to the most sanguine expectations, the show was a distinct advance over what Cincinnati has known before.

The judges were Philip Breitmeyer, of Detroit; Otto Koenig, of St. Louis, and Irwin Bertermann, of Indianapolis.

The following were the awards on cut blooms of chrysanthemums:

Twelve blooms crimson—E. G. Hill Co., first, with Perfect Tilliere.

Twelve blooms bronze—R. Witterstaetter, first, with O. H. Kahn; E. G. Hill Co., second, with Marian Pockett.

Twelve blooms, any other color—E. G. Hill Co., first, with C 189; Theodore Bock, second, with Antonine Marmontel.

Twenty-four varieties, one each—E. G. Hill Co., first; Elmer D. Smith & Co., second.

Display of singles, not less than ten varieties—E. G. Hill Co., first; Hartje & Elder, second; R. Witterstaetter, third.

Display of pompons, not less than ten varieties—E. G. Hill Co., first; Hartje & Elder, second; R. Witterstaetter, third.

Fifty white—Poehlmann Bros. Co., first, with Timothy Eaton; E. G. Hill Co., second, with Chadwick Improved; South Park Floral Co., third.

Fifty light pink—E. G. Hill Co., first, with Wells' Late Pink.

Fifty dark pink—Elmer D. Smith & Co., first, with Dr. Enguehard; E. G. Hill Co., second, with Winter Cheer.

Fifty light yellow—Elmer D. Smith & Co., first, with Crocus; Henry Schwarz, second; R. Witterstaetter, third, both with Bonnaffon.

Fifty dark yellow—E. G. Hill Co., first, with Golden Eagle; E. D. Smith & Co., second, with Appleton.

Fifty bronze—E. G. Hill Co., first, with Glen View.

Fifty any other variety—Poehlmann Bros. Co., first; E. G. Hill Co., second; E. D. Smith & Co., third.

Fifty blooms any variety—E. G. Hill Co., first, with Bonnaffon.

Twelve white—E. D. Smith & Co., first, with Merza; R. Witterstaetter, second, with Thanksgiving Queen.

Twelve light yellow—E. G. Hill Co., first, with Dolly Dimple; E. D. Smith & Co., second, with Crocus.

Twelve dark yellow—E. G. Hill Co., first, with Golden Wedding.

Twelve light pink—E. G. Hill Co., first, with Charles Brock; E. D. Smith & Co., second, with Duckham.

Twelve dark pink—E. G. Hill Co., first, with Joseph Linott; E. D. Smith & Co., second, with Enguehard.

In the classes for new varieties, H. E. Rieman secured certificates for three white seedlings, and one light pink. Elmer D. Smith secured three certificates, one for a yellow, one for a light pink and one in the any other color class. The sweepstakes silver cup went to H. W. Rieman for White Ball.

The awards on carnations were:

Fifty white—Poehlmann Bros. Co., first, with White Perfection; Charles Knopf Floral Co., second, with White Enchantress.

Fifty flesh pink—Poehlmann Bros. Co., first, with Enchantress; Chicago Carnation Co., second, with Enchantress.

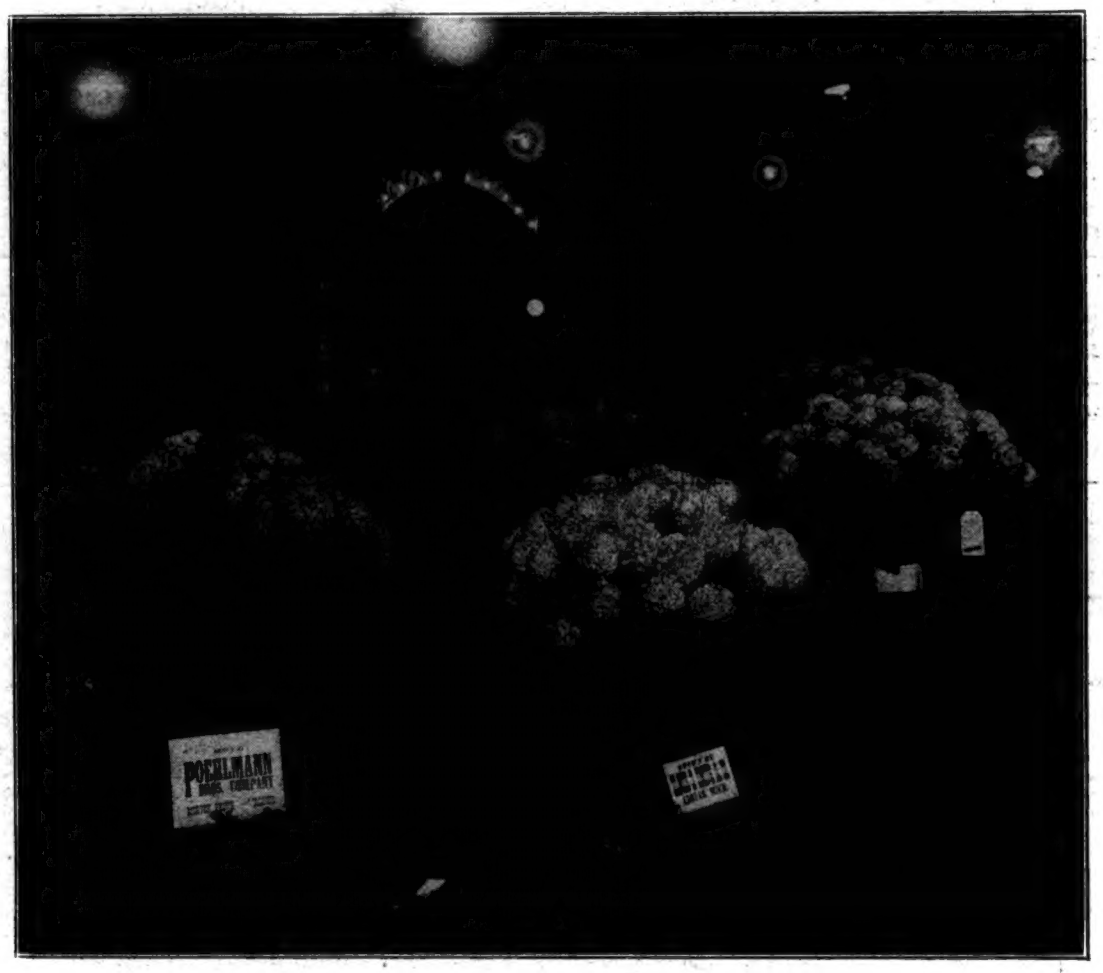
Fifty light pink—Chicago Carnation Co., first, with Rose-pink Enchantress; Poehlmann Bros. Co., second, with Winsor.

Fifty deep pink—Poehlmann Bros. Co., first; E. G. Hill Co., second, both with Mrs. C. W. Ward.

Fifty scarlet—Charles Knopf Floral Co., first; E. G. Hill Co., second, both with Beacon.

Assorted colors, 100 blooms—Poehlmann Bros. Co., first; Charles Knopf Floral Co., second.

One hundred white—Poehlmann Bros. Co., first; Charles Knopf Floral Co., second, both with White Enchantress.



The Classes for Big Mums at the Cincinnati Show.

One hundred flesh pink—Chicago Carnation Co., first, with Pink Delight; Charles Knopf Floral Co., second, with Enchantress.

One hundred light pink—Chicago Carnation Co., first, with Dorothy Gordon; Poehlmann Bros. Co., second, with Winsor.

One hundred deep pink—Chicago Carnation Co., first, with Washington; Poehlmann Bros. Co., second, with Lawson.

One hundred red—Charles Knopf Floral Co., first; E. G. Hill Co., second, both with Beacon.

Fifty white, introduction of 1911—Chicago Carnation Co., first; Charles Knopf Floral Co., second, both with White Wonder.

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Fifty flesh pink, introduction 1911—Poehlmann Bros. Co., first, with Gloriosa.
Fifty light pink, introduction 1911—Chicago Carnation Co., first, with Gloriosa.
Fifty dark pink, introduction 1911—Chicago Carnation Co., first, with Washington.
Fifty red, introduction 1911—Chicago Carnation Co., first, with Bonfire.
In the classes for seedlings the E. G. Hill Co. secured a certificate for Wodenethe, R. Witterstaetter one for Valentine, Chicago Carnation Co. one for No. 186, Baur & Steinkamp one for St. Nicholas and Murphy & Skidelsky one for Delhi. The sweepstakes was awarded to the variety Valentine exhibited by R. Witterstaetter.

The roses were staged Wednesday, November 15, and the quality of the stock shown was notably high. The judges had the time of their lives deciding between Sunburst and Killarney Queen for the silver cup. A. F. J. Baur, secretary of the American Carnation Society, acted in the place of Philip Breitmeyer, and after an hour's deliberation the cup was awarded to Sunburst exhibited by the E. G. Hill Co.

The other awards in the rose classes were as follows:

Twenty-five Beauties—Poehlmann Bros. Co., first; P. J. Olinger, second; South Park Floral Co., third.
Twenty-five Richmond—Poehlmann Bros. Co., first.
Twenty-five Bride—P. J. Olinger, second.
Twenty-five Killarney—Poehlmann Bros. Co., first.
Twenty-five White Killarney—Poehlmann Bros. Co., first.
Twenty-five any other variety—Poehlmann Bros. Co., first, on My Maryland.
One hundred Beauties—Poehlmann Bros. Co., first; South Park Floral Co., second.
One hundred Richmond—Poehlmann Bros. Co., first.
One hundred Killarney—Poehlmann Bros. Co., first.
One hundred White Killarney—Poehlmann Bros. Co., first; P. J. Olinger, second.
One hundred any other variety—Poehlmann Bros. Co., first, on My Maryland.
Twenty-five blooms any variety not in commerce—E. G. Hill Co., first, on Sunburst.

The awards for miscellaneous cut flowers were as follows:

Lily of the valley—Poehlmann Bros. Co., first.
Easter lilies—A. S. Burns, Spring Valley, N. Y., first.

The awards on chrysanthemum plants were as follows:

One specimen plant, any color—John Fries, first, with W. T. Brook; E. H. Fries, second, with Pockett's Crimson; Charles Pfeiffer, second, with Alice Byron.
One specimen plant, white—Charles Pfeiffer, first, with R. N. Bird; E. H. Fries, second, with White Shaw; John Fries, third, with Alice Byron.
One specimen plant, yellow—John Fries, first; E. H. Fries, second; Charles Pfeiffer, third, all with Yellow Byron.
One specimen plant, pink—E. H. Fries, first, with Marion Newell; Charles Pfeiffer, second, with A. J. Balfour; John Fries, third, with Dr. Enguehard.
One specimen plant, single, any color—John Fries, first; E. H. Fries, second, with Jennie Curtis.
One specimen plant anemone, any color—John Fries, first, with Garza; E. H. Fries, second, also with Garza.
Five specimens, in five varieties—John Fries, first, with Yellow Byron; Charles Pfeiffer, second, with Klondyke; E. H. Fries, third, with Pockett's Crimson.
Six plants pompons—E. H. Fries, first; R. Witterstaetter, second; E. H. Dellar, third.
Six plants, single varieties—R. Witterstaetter, first; Ed Dellar, second.
Six plants, anemone varieties—John Fries, first; E. H. Fries, second.
Group of chrysanthemum plants—John Fries, first; E. H. Fries, second.

The following were the awards for decorative and foliage plants:

Group to occupy not less than 100 or more than 150 square feet—A. Sunderbruch's Sons, first; G. Brunner's Sons, second; Max Rudolph, third.
Twelve pandanus—J. A. Peterson, first.
Six Boston ferns—R. Witterstaetter, first.
One Boston fern—R. Witterstaetter, first.
One plant, any sport of Boston—R. Witterstaetter, second.
Six Adiantum Farleyense—J. A. Peterson, first.
Six Lorraine begonias—J. A. Peterson, first.
Six begonias, other than Lorraine type—J. A. Peterson, first.
Hanging basket—Ed Dellar, first; R. Witterstaetter, second.

The following special awards were made:

S. A. F. silver medal to J. A. Peterson, for Begonia Westwood.
Certificate of merit to A. N. Pierson, Cromwell, Conn., for Rose Killarney Queen.
Certificate of merit to A. N. Pierson, for Rose Double White Killarney.

This was distinctly a trade show, given by florists, for the purpose of interesting the public in flowers. To help along the work President Adrian, of the Florists' Society, appointed a committee of information for each day, the duty being to mix with the visitors and explain the exhibits to them. The committees were:

Monday—Jas. Allen, chairman; Frank Dellar, Herbert Greensmith, J. A. Peterson, Alex. Ostendarp.
Tuesday—Chas. H. Hoffmeister, chairman; D. Rusconi, A. C. Hickman, Jr., J. Chas. Murphy, Ben George.
Wednesday—C. E. Critchell, chairman; Otto Hoffmeister, R. C. Witterstaetter, Dan Carmichael.
Thursday—J. A. Peterson, chairman; George Tromey, Al. Sunderbruch, Ed. Fries, Gus Adrian.
Friday—Henry Schwarz, chairman; J. Chas. McCullough, Chas. Brunner, Ed. Schumann, Jas. Allen.
Saturday—C. J. Jones, chairman; Chas. Witterstaetter, Ernst Mack, Fred Backmeier, Willis Kennedy.

Tuesday was carnation day and the consensus of opinion was that the stock exhibited was the best collection ever gathered for a single show this early in the season. The stems and blooms would do credit to February rather than November. R. C. Witterstaetter won the silver cup for the best seedling carnation with Valentine, while H. W. Rieman, of Indianapolis, took the silver cup for the best seedling chrysanthemum with White Ball.

There were many trade visitors from out of town the early part of the week. Some will leave in time to take in part of the Milwaukee show, while others will remain.

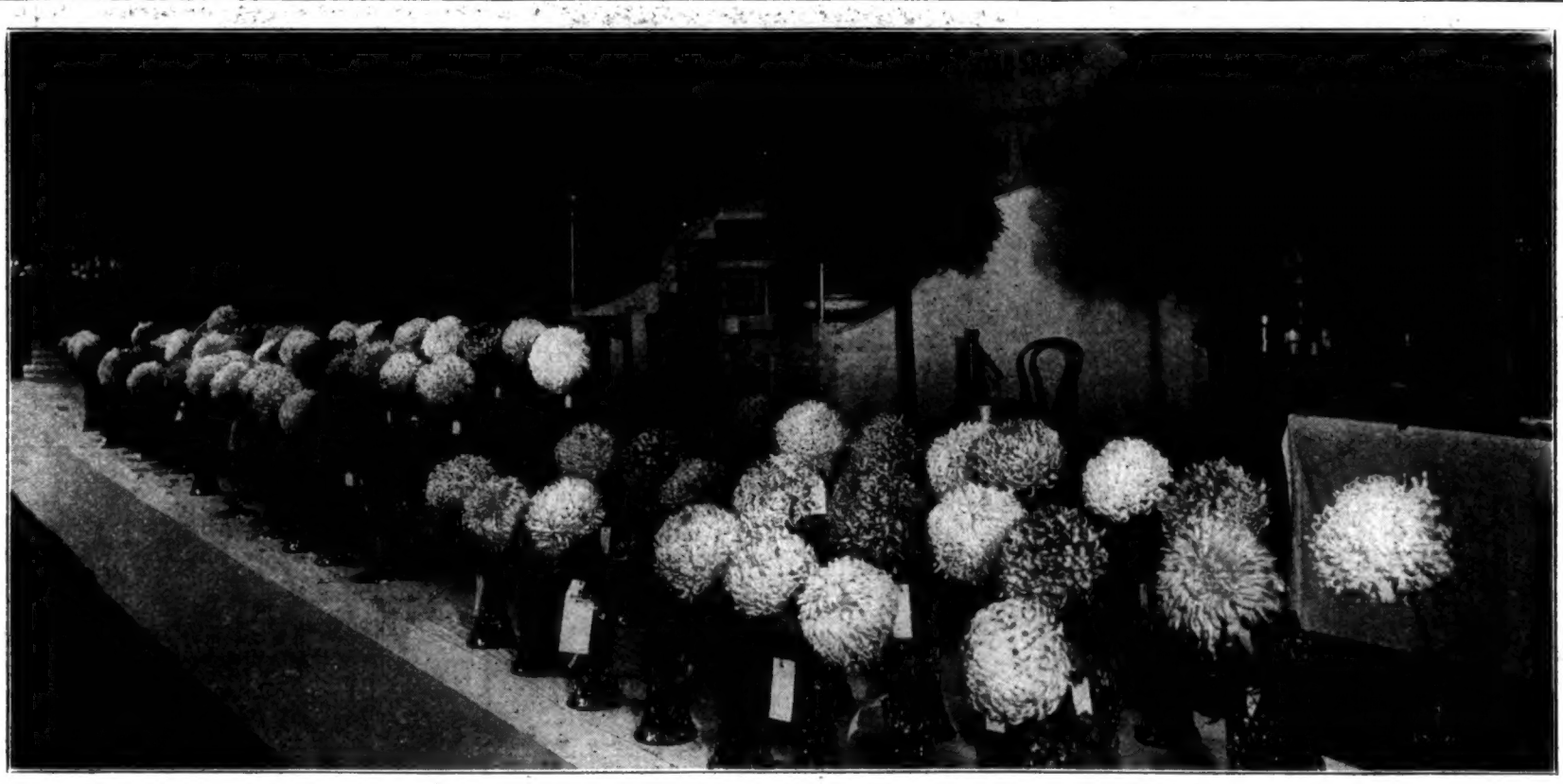
The attendance for the first two days was small and unless the close brings more people there promises to be a large call on the guarantors.

DETROIT.

The Detroit Florists' Club gave an exhibition, opening Tuesday, November 14, that was so large, attractive and so well liked by the public that it was at once decided to hold it open until Thursday night, one day longer than had been planned. It was a florists' show from beginning to end, there being only a few exhibits from the private gardeners who are members of the club. The retailers took advantage of the opportunity to reach the flower buyers in a new way and their displays were among the most attractive features of the show. Those exhibiting, not for competition, were: E. A. Fetters, J. Breitmeyer's Sons, Gust. Taepke, Hufford & Maebius, McHugh Floral Co., W. B. Brown, Bemb Floral Co. and the Scribner Floral Co. Elmer D. Smith & Co., Adrian, Mich., sent a fine lot of big cut blooms, including some forty-five varieties, for which they were awarded a certificate of merit.

The judges were Frank Holznagle, George Rackham and Robert Flowerday. The following were the awards for cut blooms of chrysanthemums:

Fifty, any one kind—Thomas Browne, first; Gust. Taepke, second.
Fifty, not less than five varieties—Thos. Browne, first; Fred Pautke, second.
Twenty-five, not less than five varieties—Fred Pautke, first; Thos. Browne, second.
Ten, white—Thos. Browne, first; Theo. Damerow, second.



Smith, Hill, Totty and Pierson Occupied This Table at the Cincinnati Show.



A General View of the Exhibition in Progress at Cincinnati This Week.

Ten, pink—Thos. Browne, first; Gust. Taepke, second.
Ten, yellow—Thos. Browne, first; August Von Boeselager, second.
Ten, red—August Von Boeselager, first; Fred Breitmeyer, second.
Ten, bronze—Thos. Browne, first; Fred Pautke, second.
Twenty-four in twelve varieties—Fred Breitmeyer, first; Thos. Browne, second.
Ten in ten varieties—Fred Breitmeyer, first; Thos. Browne, second.
Twelve in six varieties—Fred Breitmeyer, first; Thos. Browne, second.
Twenty-four in twelve varieties, private gardeners only—John Davidson, first.
Ten in ten varieties—John Davidson, first.
Twelve in six varieties—John Davidson, first.
Largest bloom—John Davidson, first.
Ten varieties pompons—Chas. Plumb, first.
Double pompons, six varieties—Ferd. Kolbe, first; Chas. Plumb, second.
Double pompons, three varieties—Ferd. Kolbe, first; Fred Breitmeyer, second.
Single pompons, six varieties—Fred Breitmeyer, first; Fred Pautke, second.
Single pompons, three varieties—Ferd. Kolbe, first; Fred Pautke, second.
Vase undisseminated white pompon—Fred Breitmeyer, first.
Display Helen Newberry pompon—Fred Pautke, first.
Double seedling pompons—Fred Breitmeyer, first; Fred Pautke, second.
Single seedling pompons—no first; Fred Breitmeyer, second.

The awards for roses, carnations and other cut flowers were:

One hundred carnations, one variety—Robert Klagge.
Fifty white carnations—Robert Klagge, first; A. J. Stahelin, second.
Fifty light pink carnations—A. J. Stahelin, first; Aug. Von Boeselager, second.
Fifty rose pink carnations—Robt. Klagge, first; A. J. Stahelin, second.
Fifty Lawson pink carnations—Aug. Von Boeselager, first; Thos. Browne, second.
Fifty scarlet carnations—A. J. Stahelin, first; Fred Miessel, second.
Fifty carnations any other color—no first; Robt. Klagge, second.
Undisseminated carnations—Fred Breitmeyer, first; Thos. Browne, second.
Fifty Beauties—Fred Breitmeyer, first.
Twenty-five Beauties—Fred Breitmeyer, first.
Twenty-five red roses—Robert Klagge, first; Fred Breitmeyer, second.
Twenty-five pink roses—Charles Plumb, first; Fred Breitmeyer, second.
Twenty-five white roses—Charles Plumb, first; Fred Breitmeyer, second.
Twenty-five yellow roses—Fred Breitmeyer, first.
Single violets—Fred Breitmeyer, first; Robert Klagge, second.
Lily of the valley—Robert Klagge, first.
Cosmos—Robert Klagge, first.

The awards on plants were:

Six Lorraine begonias—M. Bloy, first; Charles Plumb, second.
Six cyclamens—Fred Miessel, first; B. Schroeter, second.
Six primroses—Gust. Taepke, first; Beard Bros., second.
Six table plants—M. Bloy, first; Charles Plumb, second.
Specimen fern—M. Bloy, first; Fred Miessel, second.
Orchids—B. Schroeter, first.
Chrysanthemum plants—Fred Pautke, first.

ST. LOUIS.

The attendance Wednesday, November 8, the second day of the flower show given by the St. Louis Horticultural Society, was much larger than on the opening day and the competition was keener in all the classes, the exhibition of the Chrysanthemum Society of America being an added attraction.

In the Retail Florists' Association booth F. H. Weber exhibited a fine basket of Killarney roses, while Baur & Steinkamp, of Indianapolis, staged a vase of their fine new carnation, St. Nicholas, which scored 90 points.

The awards of the judges Wednesday were:

Twenty-five blooms white mums, one variety—E. D. Smith & Co., Adrian, Mich., first with Naomah; Poehlmann Bros. Co., Chicago, second with Chadwick; W. J. & M. S. Vesey, Ft. Wayne, Ind., third with Lynnwood Hall.
Twenty-five blooms yellow mums, one variety—E. D. Smith & Co., first with Appleton; Mount Greenwood Cemetery Association, Morgan Park, Ill., second with Mary Donnellan; Poehlmann Bros. Co., third with Dolly Dimple.
Twenty-five blooms "any other color" mums, one variety—E. G. Hill Co., Richmond, Ind., first with Glenview; E. D. Smith & Co., second with Glenview; Mount Greenwood Cemetery Association, third with Brutus.
Display of pompons (anemones or singles may be included)—E. G. Hill Co., first; C. H. Totty, Madison, N. J., second; Mount Greenwood Cemetery Association, third.
Floral display, hamper of chrysanthemums—Grimm & Gorly, first, one entry.
Table decoration, round table, ten covers—Koenig Floral Co., first, one entry.
Fifty chrysanthemums arranged for effect—Koenig Floral Co., first, one entry.
Handle basket of chrysanthemums—Grimm & Gorly, first, one entry.

The special prizes offered for the annual exhibition of the Chrysanthemum Society of America were awarded as follows:

C. S. A. prize for best ten blooms any one variety—E. D. Smith & Co., won with Naomah.
Jerome Jones prize for ten blooms Mrs. Jerome Jones—C. H. Totty, first; Koenig Floral Co., second.
Elmer D. Smith prize for twelve blooms in twelve varieties, introductions of 1910 and 1911—Wm. H. Duckham, first; E. D. Smith & Co., second.
William Wells prize for best three blooms Mrs. G. C. Kelly—Wm. H. Duckham, first.
William Wells prize for six sprays of single chrysanthemum Miss Hilda Wells—David F. Roy, first; E. D. Smith & Co., second.
C. H. Totty prize for best six blooms F. E. Nash—Wm. H. Duckham, first.
Henry A. Dreer prize for best six blooms yellow seedling of American origin—E. D. Smith & Co., won with Aesthetic.
Philip J. Foley prize for best six blooms white seedling of American origin—E. D. Smith & Co., won with Nontero.
J. C. Vaughan prize for best ten blooms pink mum of American origin—C. H. Totty, won with seedling from white Mrs. W. Duckham.
Peter Henderson prize for best six blooms crimson or bronze seedling of American origin—C. H. Totty, won with seedling No. 67.
Lord & Burnham prize for best ten blooms any chrysanthemum never before exhibited in this country—C. H. Totty, won with Annie L. Angus.
E. G. Hill prize No. 1 for best ten blooms Emberta—Fred H. Lemon & Co., Richmond, Ind.
E. G. Hill prize No. 2 for best ten blooms Wells' Late Pink—C. H. Totty.
E. G. Hill prize No. 3 for best ten blooms Golden Gem—Fred H. Lemon & Co.
Hitchings prize for best thirty blooms, six varieties, five blooms each, not less than 18-inch stem—Wm. H. Duckham.

In addition to the list of visitors given in The Review last week, those

present Wednesday included the following:

Jones, J. E., Richmond, Ind.
Emunds, Henry, Belleville, Ill.
Loveridge, Chas., Peoria, Ill.
Totty, C. H., Madison, N. J.
Vesey, W. J., Jr., Ft. Wayne, Ind.
Baur, A. F. J., Indianapolis.
Duckham, W. H., Madison, N. J.
Carmody, J. D., Evansville, Ind.
Balsley, H., Detroit, Mich.
Gullett, W. J., Lincoln, Ill.
Vincent, R. Jr., White Marsh, Md.
Peterson, J. A., Cincinnati.
Winterson, E. F., Chicago.
Butterfield, M., Farmington, Mo.
Lautenschlager, Fred, Chicago.

The attendance for the third day, Thursday, was better than on either of the preceding days, and the weather was perfect. Awards were made as follows:

Fifty cut chrysanthemum blooms, twenty or more varieties, short stems—C. H. Totty, first; E. D. Smith & Co., second; E. G. Hill Co., third.

Twenty-five chrysanthemum blooms, twenty-five varieties, short stem—W. H. Duckham, first; E. D. Smith & Co., second; E. G. Hill Co., third.

Twelve blooms Chadwick—Poehlmann Bros. Co., first; E. G. Hill Co., second.

Twelve blooms Emberta—E. G. Hill Co., first.

Twelve blooms any other white—Poehlmann Bros. Co., first with Eaton; E. D. Smith & Co., second with Naomah; C. H. Totty, third with Lady Carmichael.

Twelve blooms Dr. Enguehard—W. J. & M. S. Vesey, first.

Twelve blooms any other pink—E. G. Hill Co., first with Wells' Late Pink; E. D. Smith & Co., second with Manhattan; Mount Greenwood Cemetery Association, third with Mayor Wever.

Twelve blooms Golden Wedding—E. G. Hill Co., first.

Twelve blooms Major Bonnaffon—E. G. Hill Co., first; Poehlmann Bros. Co., second; W. J. & M. S. Vesey, third.

Twelve blooms Col. Appleton—E. D. Smith & Co., first; Poehlmann Bros. Co., second.

Twelve blooms any other yellow—E. G. Hill Co., first with Yellow Eaton; W. J. & M. S. Vesey, second with Golden Chadwick.

Twelve blooms any other color chrysanthemum—C. H. Totty, first with Mrs. G. C. Kelly; E. G. Hill Co., second with Pockett's Crimson; E. D. Smith & Co., third with Glenview.

Fifty Richmond roses—Poehlmann Bros. Co., first.

Fifty Cardinal—A. C. Brown, Springfield, Ill., first.

Fifty Killarney—Poehlmann Bros. Co., first; A. & H. Werner, second.

Fifty White Killarney—Poehlmann Bros. Co., first; A. & H. Werner, second.

Fifty My Maryland—Poehlmann Bros. Co., first.

Fifty roses any other color—Poehlmann Bros. Co., first.

Bridal bouquet—Grimm & Gorly, first; H. Young & Sons, second.

Floral arrangement, "Engagement gift"—Grimm & Gorly, first, one entry.

100 roses arranged for effect—Grimm & Gorly, first, one entry.

C. Young & Sons Co. displayed, not for competition, a handsome basket of cut Bonnaffon in the Retail Florists' booth.

Thursday afternoon the visitors were guests at the meeting of the St. Louis Florists' Club, after which they were entertained with a dinner at Lippe's cafe.

The awards made Friday, the fourth day of the show, were:

Fifty white carnations—Mount Greenwood Cemetery Association, first with seedling No. 14009 A.; Poehlmann Bros. Co., second with White Enchantress; A. C. Brown, third with White Enchantress.

Fifty blooms light pink—Poehlmann Bros. Co., first with Enchantress; Chicago Carnation Co., second with Pink Delight; E. G. Hill Co., third with Pink Delight.

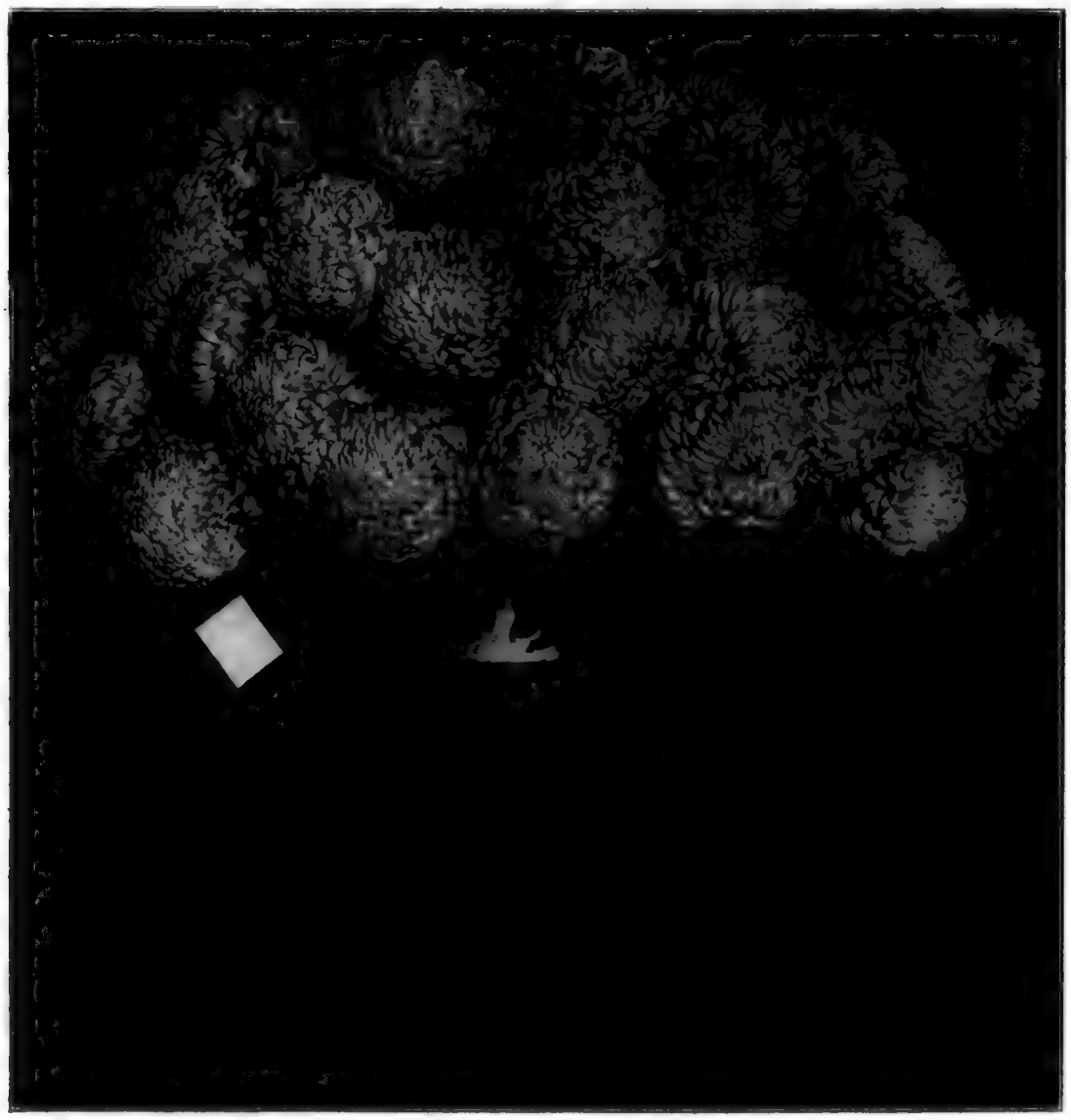
Fifty blooms dark pink—Mount Greenwood Cemetery Association, first with Mrs. C. W. Ward; Poehlmann Bros. Co., second with Mrs. C. W. Ward; Chicago Carnation Co., third with Washington.

Fifty blooms red—Chicago Carnation Co., first with seedling No. 186; Mount Greenwood Cemetery Association, second with seedling No. 3508 A.; Poehlmann Bros. Co., third with seedling from Scarlet Glow.

Fifty blooms any other color—Mount Greenwood Cemetery Association, first with Mrs. N. E. McCrea.

Fifty blooms, one or more varieties—Chicago Carnation Co., first; Poehlmann Bros. Co., second; Mount Greenwood Cemetery Association, third.

Floral display of violets and lily of the valley—H. F. W. Aue, first; Grimm & Gorly, second.



Chrysanthemum Golden Eagle.
(Shown at Cincinnati by E. G. Hill Co.)

MILWAUKEE.

Encouraged by the success of the exhibitions of the past, the Milwaukee Florists' Club opened, Wednesday, November 15, the most pretentious exhibition in the west this season. The decision to omit the usual show at Chicago had encouraged H. V. Hunkel, president of the club, to put forth his best efforts in the belief that a notable record could be made. His chief lieutenant, Mr. Kellner, and First Sergeant Oestreicher, also worked to make the show not only the best Milwaukee has ever had, but to give the trade visitors, of whom there will be many before the week is over, an exhibition that is worth the trip. The decorations are more elaborate than before, and on the whole the Milwaukee club congratulates itself on the number of exhibits, for this seems to be a year when entries are not so numerous, the country over, as they have been in some other seasons. Milwaukee has probably the largest show of the year, and it is a show made entirely by the trade. The local retailers are doing their part.

Since the show did not open until Wednesday afternoon, the awards were not ready for this edition, but will appear next week.

LAKE GENEVA, WIS.

The seventh annual chrysanthemum exhibition, given by the Lake Geneva Gardeners' and Foremen's Association, was held at St. Francis' hall November 7 and 8. The exhibition was one of the best the association has ever put up. The plants and cut flowers were better than at any time heretofore, and the competition keener than ever before; so keen, in fact, that the judge, Wm. Currie, of Milwaukee, was sorely puzzled in many of the classes as to a decision, but when he was through everybody was satisfied with his work.

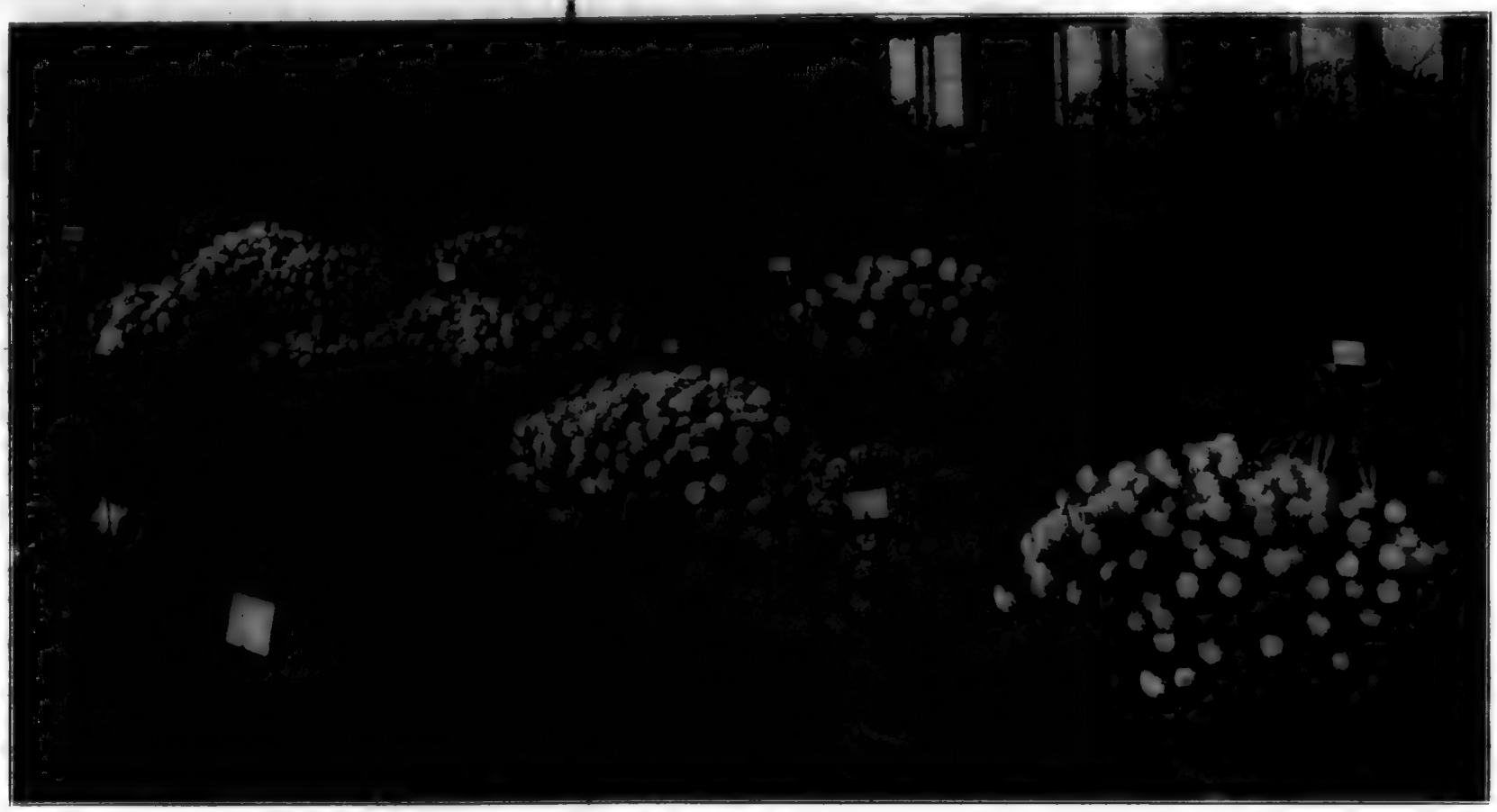
The new horticultural hall, now under construction, will give a great deal more room for the exhibitions, and the gardeners will be more able to show to advantage in the future than in the past.

The principal exhibitors and prize winners were: Edward Sandgren, gardener to N. K. Fairbank; Frank R. Kuehn, gardener to F. D. Countiss; Axel Johnson, gardener to R. T. Crane; J. J. Krupa, gardener to N. W. Harris; Robert Blackwood, gardener to S. W. Allerton; A. J. Smith, gardener to J. J. Mitchell; M. Barrett, gardener to M. A. Ryerson; H. Larson, gardener to C. H. Wacker; R. J. Sampson, gardener to E. F. Swift; Wm. Wahlstedt, gardener to George Sturges, and Wm. Longland.

HARTFORD.

The Connecticut Horticultural Society's annual exhibition of chrysanthemums, held in Putnam Phalanx hall, November 8 and 9, was pronounced by different authorities the best mum show ever given by the society. The blooms were of higher quality than ever before and the floor space was arranged to better advantage for the favorable display of the exhibits.

A. N. Pierson, of Cromwell, Conn., sent a fine assortment of plants and cut flowers, not for competition. Among the most prominent and successful exhibitors was J. F. Huss, president of the society and gardener for James J.



Some of the Chrysanthemum Plants at the Philadelphia Exhibition, November 7 to 10, 1911.

Goodwin. Other prize winners were: J. A. Weber, gardener for Walter L. Goodwin; N. Nelson, horticulturist of Hartford Retreat; Thomas Stentiford, gardener for W. L. Cushing, Simsbury; Walter Angus, Chapinville; Alfred Cebelius, gardener for Prof. M. W. Jacobus; Warren S. Mason, gardener for A. A. Pope, Farmington; Carl Peterson, manager of the Whiting Greenhouse.

Certificates of merit were awarded as follows: Four certificates to A. N. Pierson, for Killarney Queen, Double White Killarney, pompon chrysanthemums and cut chrysanthemums; two certificates to the Hartford department of parks, for Lorraine begonia and single chrysanthemums, exhibited by A. Cumming, Jr., head gardener; a certificate to E. Porta, for wax flower baskets; to John Coombs, for group of palms, and to J. F. Huss, for specimen plant of single chrysanthemum.

PHILADELPHIA.

The opening of the Philadelphia show, on the evening of November 7, was reported in last week's issue. The roses were the feature of the second day. The display was exceedingly interesting, attracting and holding the attention and admiration of professionals as well as of amateurs. The star was Mme. Charles Russell, a magnificent hybrid tea, with flowers as large and stems as long and heavy as American Beauties; color, a deep pink, with plenty of life; in foliage and habit hardly so good as Beauty, yet a grand rose, that was awarded the society's silver medal. Mme. Charles Russell is from the Waban Conservatories, Natick, Mass., brought by Alexander Montgomery in person. With him came his son. Two rival Double White Killarneys were seen side by side. Both were fine, with flowers of great size, stems heavy, foliage good. The pointed bud, so strong a feature of Killarney, is slightly lost by the extra petals. The flowers are flatter, like Kaiserin. One of these vases was from S. J. Reuter & Son, Westerly, R. I., brought by Louis J. Reuter, who won his spurs here. This vase received honorable mention. The other vase, from the Budlong Rose Co., of Auburn, R. I., was staged by S. S. Pennock-Meehan Co., receiving a certificate of merit. Killarney Queen, also from the Budlong place, was fine; the color a deep, rich pink. The flowers are no more double than Killarney, but the growth is stronger. The center of this great group was occupied by a carnation, Miss Dimple Widener, from William Kleinheinz, of Ogontz, a debutante of last season, worthy of such select company.

Chas H. Totty, of Madison, N. J., sent a fine vase of Sunburst, and John Gaynor, gardener to John Wanamaker, a vase of choice Beauties that ornamented opposite corners of the stairway. There were other good roses and carnations that added to the interest of the display.

Among other notable exhibits were the orchids of Alphonse Pericat, of Collingdale, awarded a silver medal. A fine lot of cut blooms of orchids came from Julius Roehrs Co., Rutherford, and orchids from Wm. Kleinheinz, gardener to P. A. B. Widener, also were excellent. Adolph Muller, Norristown, exhibited a miniature garden surrounded by fruit and shade trees with a hedge outside, admirably executed. Frank Bernbrauer, of Oak Lane, staged a bunch of pink snapdragon of pleasing shade. W. F. Lacroix, Buena, N. J., exhibited Lilac Rouge de Marley in fine form.

The pompon, single and anemone-flowered chrysanthemums were better and more varied than in the past, some striking varieties being shown.

Thursday brought the vegetables, a goodly collection in all the standard sorts and many more.

The efforts made to attract flower lovers were successful. The attendance was larger and more enthusiastic than for many a year. Great credit is due to the committees, to the secretary, to the judges and to the workers for the splendid exhibition of 1911. The exhibitors deserve special praise for the skillful cultural work that made the success possible.

Special prizes to trade exhibitors were awarded as follows:

Certificates of merit to Henry A. Dreer for culture of group of Cocos Weddelliana; for display of new and rare plants; for culture of Phoenix Roebelenii; for group of Ananas sativus variegatus and Adiantum accumulum; for group of Araucaria robusta compacta and Araucaria excelsa glauca; for group of Cibotium Schiedei.

To Robert Craig & Co., the following special awards: Certificate of merit for Ficus pandurata and Dracæna Massangeana; special mention for collection of crotons.

Certificate of merit to Henry F. Michell Co. for collection of hardy chrysanthemums, arranged in garden effect.

Special mention of Ammon Heights Nurseries for collection of hardy chrysanthemums.

Certificate to Lord & Burnham Co. for a new greenhouse, showing all the latest improvements in construction.

Special mention to Adolph Muller for collection of evergreens and miniature garden.

Certificate of merit to Charles F. Krueger for collection of window boxes.

Special mention to William Moon Co. for collection of white pine trees.

Silver medal to the Overbrook Gardens for fine collection of single chrysanthemums.

Silver medal to Louis Burk for collection of orchids.

Silver medal to Waban Rose Conservatories, Natick, Mass., for new rose, Mme. Charles Russell.

Certificate of merit to Budlong Rose Co., Auburn, R. I., for the new rose, Killarney Queen.

Certificate of merit to the same firm for a new rose, Double White Killarney.

Special mention to S. J. Reuter & Son, Westerly, R. I., for new rose, Double Improved White Killarney.

Phil.

BOSTON.

The annual chrysanthemum show of the Massachusetts Horticultural Society was held November 9 to 12. It was favored with pleasant weather throughout and was well attended. In so far as chrysanthemums themselves are concerned, the show recorded the extreme low water mark for Boston, for never were fewer blooms and plants shown. Chrysanthemums are, temporarily at least, under a cloud in and around the Hub. People seem to be tired of both big blooms and specimen plants, and the fall show, instead of being, as it once was, the most impor-

tant of the year, plays second fiddle to those held during winter and spring.

The only exhibitor of specimen plants, which used to be such a feature in Boston, was James Marlborough, gardener to Thomas E. Proctor. He had superb specimens of Mayor Weaver, Garza, Enguehard, Emmy Lou, etc. The last named, one of Mr. Marlborough's seedlings in the way of Garza, received a silver medal for the best plant in the show. D. F. Roy, gardener to H. E. Converse, had the best specimen singles and Eric Wetterlow, gardener to Mrs. Lester Leland, had capital plants carrying six specimen blooms. W. H. Elliott captured first and second for twenty-five commercial plants, none of these having stakes.

There were three excellent orchid groups: Wheeler & Co., Paul de Nave and J. T. Butterworth, winning in the order named.

In the 300 square feet group of foliage and flower plants, Edward MacMulkin led with a fine lot of plants, W. W. Edgar Co. being an excellent second. George Page, gardener to Mrs. Frederick Ayer, and M. Sullivan, gardener to W. Whitman, were first in the classes for palms.

There was practically no competition in the cut bloom classes, several having no entries at all in spite of the good money prizes. For the large vase of seventy-five blooms, Alex McKay, gardener to E. A. Clark, was in the lead with a splendid mixed assortment; W. W. Edgar Co. second and third with fine vases of Eaton and Bonnaffon. James Nicol captured the H. A. Gane special for a vase of Mrs. Jerome Jones with a magnificent vase. He was also awarded a silver cultural medal. None of the newer mums can touch this variety as grown by Mr. Nicol. He took second prize with the yellow sport of Mrs. Jones and was also first for ten pink chrysanthemums with grand Miriam Hankey. Alexander McKay took first for ten white, ten yellow and ten any other color. George Page, W. A. Riggs and H. E. Converse had the best singles.

For dinner table decoration of chrysanthemums, MacMulkin won, using Garza and yellow pompons. Hoffman, who was second, had a pleasing combination of brown and yellow pompons, but used too much material. Mrs. E. M. Gill was third. MacMulkin was first for the best decorated fruit table.

Wm. Downs, gardener to E. S. Webster, received a silver medal for begonias, Winter Cheer and Elatior, raised by Veitch & Sons, of London, beautiful plants, finely flowered and with wonderful commercial possibilities for Thanksgiving and Christmas trade. E. A. Wetterlow had an interesting hybrid begonia, incarnata crossed with a tuberous variety. The foliage resembled incarnata, but the flowers, which were scarlet and carried in bunches, were similar to the tuberous varieties. He was awarded a first-class certificate. W. W. Edgar Co. showed a group of cyclamens and Lorraine begonias, all showing the high culture characteristic of this growing firm. Thomas Roland showed a large table of acacias, dracænas, Otaheite oranges, Lorraines and other decorative plants. George Melvin received a certificate of merit for Capsicum capsicastrum Melvini with pointed berries, and Thomas E. Proctor secured the same award for his new chrysanthemum, Emmy Lou.

H. H. Barrows & Son received honorable mention for Nephrolepis Whitmani compacta, of a neat, compact habit. C. H. Totty showed a collection of new single mums and the new rose, Sunburst, which secured a first-class certificate. A similar award went to S. J. Reuter & Son for their sport of White Killarney rose. A. N. Pierson showed Killarney Queen and Double White Killarney, each receiving a first-class certificate and showing up well.

There were no classes allotted to carnations, but C. S. Strout had a fine collection, including splendid White Wonder, Gloriosa, Pink Delight, Beacon, Enchantress, Winsor, Melody, White Perfection and White Enchantress. A promising flesh pink seedling, Beacon x Victory, received honorable mention. A. A. Pembroke had excellent Gloriosa, White Wonder and other varieties and two good seedlings. One named Beverly, similar in color to Pink Delight, received honorable mention.

E. S. Webster received honorable mention for Celosia Thompsoni pyramidalis. William Sim had a superb table of some 600 pansies. He was awarded a bronze medal. No finer pansies were ever exhibited in Boston. Mrs. Francis Peabody had a group of Lorraine begonias and Wm. T. Walke an artistic pyramidal arrangement of the same begonia; also Garza, Anna and other mums and ferns. James Wheeler had three vases of antirrhinums which for the season were grand and kept him busy booking orders for cuttings. W. A. Riggs had a huge vase of Bonnaffons on the lecture hall stage, finely arranged. Mrs. E. M. Gill had an interesting general collection of mums. There was a fine fruit display and the Boston park department in connection with it had numerous vases of berry-bearing shrubs which proved of great interest.

W. N. Craig.



Bouvardia on a Wienhoeber Table.

FLOWER SHOW ADMISSIONS.

It will be recalled that the advancing of the price of admission to the first national flower show, at Chicago, to 75 cents occasioned some slight criticism at the time and that for the second national show, at Boston, the fee was 50 cents. In view of this the gate charges for next spring's international show at London will be of interest.

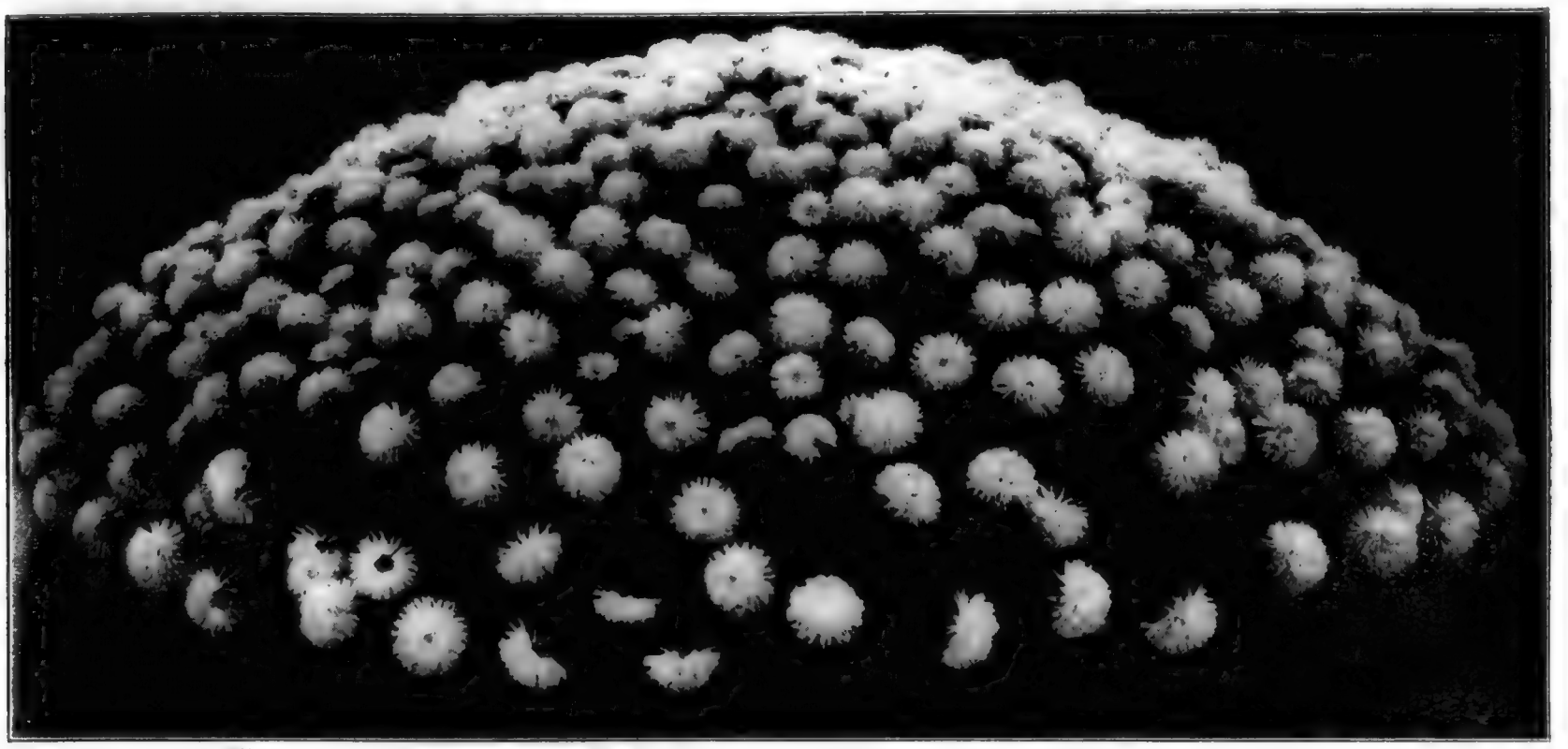
The prices originally fixed for the eight days of the exhibition are as follows:

	Sterling.	Dollars.
1st day	2 2 0	10.38
2nd day	1 1 0	5.20
3rd day	10 0	2.40
4th day	5 0	1.20
5th day	2 6	.60
All subsequent days	1 0	.24

Because this scale of charges met with criticism, the directors decided to reduce the fee after 5 p. m. to one-half, this to apply only on the first four days. Professional gardeners will pay the regular fee the first day, but on the second day will be admitted for $1.20, on the third day for 60 cents and on all later days for a shilling, 24 cents. But what would an American gardener or florist say if he were asked to pay $10.38 to get into a flower show at its opening!

In explaining the scale of charges the directors say: "The directors have retained the original prices for admission during the greater part of each day, chiefly on account of the limited space at their disposal. The actual size of the ground is twenty-one acres; but at least seven acres are occupied by trees, shrubs, etc., which leaves only fourteen acres for tents, exhibits, offices, etc. Applications for space have, naturally, been very numerous, and ground has to be allotted for paths, promenades, and so forth. It must also be remembered that, apart from the visitors themselves, there will be a large number—say, 3,000—of officials and servants, including jurymen, exhibitors, attendants, etc."

Aldan, Pa.—Clement S. Levis has erected another greenhouse.



The Finest Chrysanthemum Plant of the Season, Grown by John Canning.
(The variety is Lady Lydia, white, and the plant was shown at the American Institute, New York.)

COMPETITION.

Competition has well been said to be the life of trade, but that certain forms of competition mean the starvation of the tradesmen is apparent to all who study tendencies. Not only underselling, but the disposition to follow any successful lead come under this head. The subject was excellently handled in a letter recently published in the Horticultural Advertiser (England), from which the following:

"That competition is as good for our trade as for mankind generally will be, perhaps, acknowledged, but we can always have too much of a good thing, and that sort of 'beggar my neighbor' competition can not even be classed as healthy competition at all.

"This is a wider world than many of us believe it to be, but I will cite a far too common form of competition that so injures our trade. 'A' considers roses a good line and wisely specializes in them. 'B,' without training his own brains to bear on the problems of his trade, says 'A' is doing roses, so I must follow suit, and to sell them I must supply them cheaper than he does. Now if 'B' were a wise man, surely it would have been to his advantage to argue that as 'A' is doing roses, I will specialize in something else.

"The writer was recently in a town on the south coast and called on two worthy men of our trade, having establishments almost opposite to each other. Contrary to the usual custom in our trade, these men were firm friends, and avoided as far as possible treading on each other's heels. One goes in for roses, so the other turns his attention to the furnishing trade and the sale of plants. Neither of them attempts to cut the other out in his particular branch of his trade.

"We must turn to other countries to see the excellent working of coöperation. In America the better feeling that exists there, finds expression in the way they have of fixing prices, the idea being that as 'A' gets such a price for his goods, 'B' must get the same.

"There exists in Ghent, as in most other continental horticultural centers, a strong Trade's Association, whose members meet each Sunday to discuss matters of interest to the trade; and while no actual trade ring is formed, prices are discussed in a friendly spirit, which usually ends in the trade taking advantage of every shortage to keep prices up, instead of the policy of 'cut, cut,' which is usually going on in this country. The small grower quite understands that if he can not sell his stock at a fair price, his bigger neighbor will pay him ready money at a reduced figure rather than let the outside foreign buyer cut up the trade; and the small grower realizes if he can not obtain the proper price that it is better to sell to his neighbor than to an outsider.

"That uniformity in prices for stock of the same grade exists in Holland is, of course, also well known, and it is no mere sentiment, but the knowing on which side his bread is buttered, which causes the Dutchman to act as he does."



Bancroft's Suggestions For Thanksgiving.

LOCAL RETAIL ADVERTISING.

"Here is a Thanksgiving advertisement that pulled," write Joseph Bancroft & Son, of Cedar Falls, Ia., in sending in the clipping of the advertisement reproduced on this page. "It was used in our home daily for a week before Thanksgiving in 1910 and the returns were direct, prompt and easily traceable. Not only was trade good, but people either asked for the advertised article or spoke of having seen the advertisement."

The Bancroft display originally occupied four times as much space as the reproduction occupies, but it cost only a few dollars for several days' run—the small city dailies never are exorbitant in their charges, as florists slowly are finding out. A great deal of the success of the advertising depends upon the skill with which the advertisement is prepared, but it nearly always pays if a seasonable suggestion is thrown out and a price or two quoted.

In the past too many florists have used advertising copy that merely was a business card, or at special flower holidays their advertisements have been written merely to get a larger share of the trade that is going—just a scramble on Smith's part to get the trade away from Brown. That is not the best idea, or the modern one. The best advertising is educational; it is designed to show the uses of the article advertised, to create a desire on the part of those who have not been buyers; to enlarge the field. That is the kind of advertising which will be of greatest value to the individual florist and to the trade at large.

"The Thanksgiving turkey will taste much better if there are flowers on the table."

"If you are invited out for Thanksgiving dinner, send your hostess the flowers for her table."

Try a few such suggestions next week.

THE RETAIL FLORIST.....

GOOD DISPLAY.

The average retail florist knows all about the arrangement of flowers, but is densely ignorant of the arrangement of type. For that reason the florist would do well to call to his aid, when advertising, a man who knows typographical display—either that or study type effects just as flower effects are studied. Usually the newspaper representative is qualified and eager to assist in preparing layout and copy and his services should be availed of. To begin with, he knows how to get good results in his own paper—the man from outside may attempt the impossible, for it manifestly is impossible to get in a low-priced, hurry-up newspaper the cut making, complicated display and resetting one might ask from a six-dollar-a-line magazine that demands a month to work in. By all means get the newspaper man's help.

H. S. Rogers, with Penn, Boston, is one florist who has made a study of type and display. The Penn advertisement reproduced herewith is one of his latest and best productions.

WARDING OFF THE "KICKS."

Many retail florists find it desirable to send, with plants and cut flowers, brief instructions as to how they are to be cared for. Such a course wards off "kicks," and more; it often is the means of gaining a satisfied customer, that best of all advertisements. Here is the card the Saltford Flower Shop, of Poughkeepsie, sends out with plants:

KEEP THIS PLANT WET.

All flowering plants require twice as much water as a foliage plant.

To obtain best results let this plant stand in a pail of water for ten or fifteen minutes every day.

If this plant is to be kept in a jardiniere do not let water accumulate in the jardiniere.

When a box of flowers goes up to Vassar the lady finds in it this instruction on.

CARE OF CHRYSANTHEMUMS.

If any of these chrysanthemums should show signs of wilting after being placed in the vase, break off (do not cut) a portion of the stem and place in deep vase in a cool place and they will soon revive.

To keep chrysanthemums a longer time we recommend breaking off a small portion of the stem every day and placing fresh water in the vase.

Wilting is caused by the pores of the stem becoming clogged and not allowing the water to ascend to the flower.

MR. SANGSTER'S WINDOW.

The illustration on page 33 gives a view of the window of Joseph Sangster as it appears to those who pass along Jefferson street, in Buffalo. Mr. Sangster was formerly in the employ of S. A. Anderson and later went to Paterson, N. J., where he managed a store. Returning to Buffalo, he was again with Anderson until the opening of the present store. That Mr. Sangster believes in the big show, the picture proves. The store is located in a busy section of the city, but far from the real business center. By hard work and keeping a fine stock and showing it off to advantage he has built up a nice business. Mr. Sangster is also active in the local Florists' Club and takes an interest in everything for the good of the trade. R. A. S.

A TRIP TO RICHMOND.

November 7 some forty members of the State Florists' Association of Indiana journeyed over to Richmond to visit the several greenhouse establishments there. One of the fast Pennsylvania trains, with special orders to stop at Easthaven, covered the 70 miles in less than two hours and deposited us right at the doors of the E. G. Hill Co. establishment, where the day's visiting began. There were also present a number of men from nearby towns and several from Cincinnati and other Ohio points, making a total in the party of well over fifty.

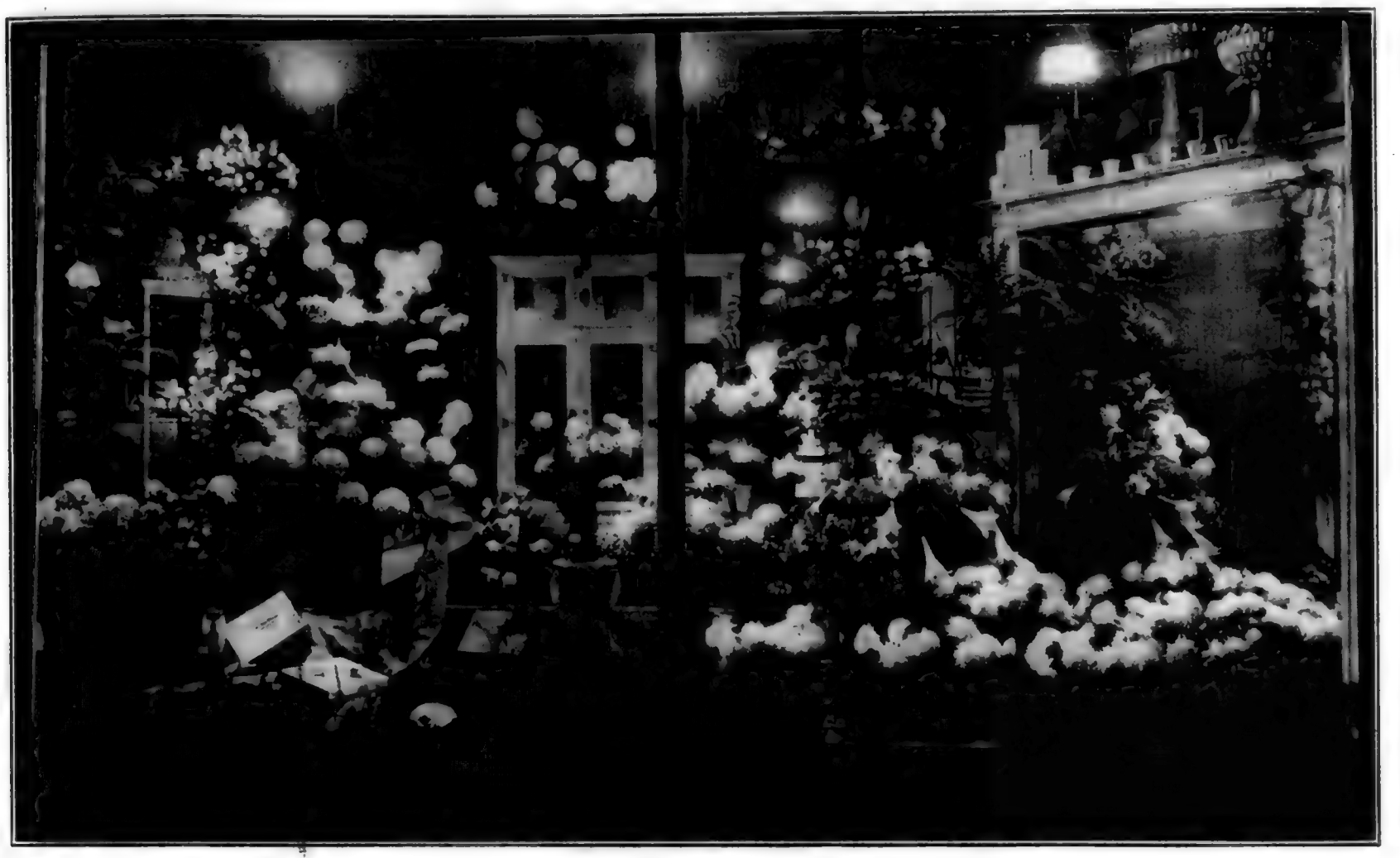
At the Hill place there was a great deal to be seen and all eyes were wide open as the party walked through house after house of well grown stock. There were hundreds of thousands of young plants of roses and geraniums and a few other varieties of plants, but we noticed that the lines now grown have narrowed down to only a limited number of species and a limited number of varieties of each species. Where formerly the collection of geraniums comprised hundreds of varieties, now there are only a dozen or so. More of each variety was considered preferable to a long list of varieties.

In carnations there are benches of the best varieties grown for bloom, Pink Delight leading all others in quantity. Then there is bench after bench of plants cut back for cuttings and, if this firm does not fill all its orders for carnation cuttings this year, it will surely be because of a phenomenal call for them. Propagating has already begun. White Wonder is making a great record as a bloomer.

In roses there are many interesting things to be seen. All the Killarneys are present and there are several. It looks to me as though this sport racket is being run a little strong. Pretty soon there will be as many Killarney sports as there are rose growers, and many of them will show little to merit distinction after leaving their homes. Rose Queen looks well and should prove a valuable forcing variety. Melody and Lady Hillingdon are both here on trial, but by far the finest thing in a yellow rose is the grand new variety Sunburst, which is to be disseminated in the spring. This yellow rose is so distinct from any variety I have ever seen and so far in advance in quality that there is really no comparison between it and any other yellow rose I know of. The long stem holds the bloom erect and the bloom is exquisitely beautiful in all stages. A few blooms on long canes were allowed to open up



An Attractively Displayed Newspaper Advertisement.



Looking in at the Window of the Sangster Store at Buffalo.

for the occasion, to show its beauty when full blown. As Mr. Totty would say it: "Believe me, there will be a big sale on this variety during the next few years."

In mums there were both exhibition and commercial blooms in great variety and quantity. To mention all would be an endless task, so we will be content with noting only the two long benches of T. Eaton and Yellow Eaton, and the hundreds of varieties of pompons and singles.

The next place visited was that owned by George R. Gause. Being just opposite beautiful Earlham cemetery, Mr. Gause enjoys a splendid plant and cut flower business, both for the cemetery and in the city. All the stock here is in tiptop shape. A large variety is grown, from roses to bedding plants, and all were in good shape. Mrs. Gause is considered one of the ablest artists in making up work in eastern Indiana, and her work is always one of the features at the Richmond flower shows.

Next we visited the Chas. Knopf Floral Co., and here we found things in apple-pie order, as usual. Carnations are the principal crop grown here. Again we found Pink Delight outnumbering all others, and in quality it lacked nothing. White Enchantress seems to be the favorite white, though White Wonder bids fair to divide honors with it in future seasons. A house of Killarneys is in fine shape. We noticed on one end of a bench about 100 plants of a seedling which looks pretty fine; of Killarney blood, you may be sure, but a better color and a rank grower. A house of early mums was all cut and gone.

The next stop was made at Fred H. Lemon's place. After moving away many of the houses to the west side, the Hill company left Mr. Lemon a fine lot of glass. He uses the houses for growing for the retail trade, which Mr. Lemon has taken up. A high grade of stock is grown here and in great variety. A 400-foot house of carnations and another, the same size, of roses, are in fine condition. Mr. Lemon conducts a retail store downtown and finds it both profitable and convenient.

Just across from Lemon's place is located E. C. Ruch, with about 15,000 feet of glass. Here, too, is grown stock for retailing. A fine house of single violets was seen and carnations are looking good.

A splendid dinner was served at the Hill place, and automobiles were used in going from place to place.

A. F. J. B.

GLADIOLUS TOPICS.

In The Review for October 5 I notice what Mrs. A. H. Austin has to say about gladioli with variegated leaves. I have noticed the same thing, but never have found these striped sorts to run from one season to another. I should judge it is an indication of some infirmity in the stock; possibly a lack of suitable nourishment in the portion of the leaf where the white or light-colored division exists. I hardly think we need a permanently fixed variegated gladiolus; we grow them for their flowers and not for any ornamentation their foliage affords.

If this fine flower were planted more extensively than it is, then a variegated or other colored-leaved sort might be worked into beds of this flower to advantage. There are several varieties having more or less red showing on the stems; but none, so far as I have been able to find, are of any advantage to the gardener or florist. One sort, said to be colored-stemmed, sent me by the originator last spring for trial, proved to be only ordinary with me; there was not sufficient color to attract attention to it over the general run of such flowers. I believe that with proper selection and breeding some desirable sorts in this line may be produced. Usually many of the deep red varieties show a reddish stem, but they are not a bit more ornamental on that account than if they were just every-day, plain, ordinary green.

Mentioning red gladioli reminds me that while the trade in the east seems to prefer light-colored varieties, out here on the Pacific coast it is almost the reverse. With the exception of such a fine light sort as America, there seems to be little demand for lights here in the autumn. I believe this is owing largely to the fact that during this time of the year there is a dearth of red flowers; we have yellows, pinks, whites and blues galore in an abundance of fall flowers. The gladiolus is the best flower we have that stands cutting in the hot weather, yet it is not so popular as it should be. To some extent this is owing to the high price at which it is held by the general run of florists.

Another reason why red is called for so much is, I believe, because a large portion of our homes are finished off in a natural state in our native redwood. With this finish almost any of the shades of red, as well as red itself, harmonizes. The stately appearance of gladiolus flowers of the shades mentioned lends an enchantment to homes finished in the way mentioned.

I had a letter from an eastern gladiolus grower last week in which he spoke well of Gladiolus Mrs. Francis King, but lamented the fact that it too often came with crooked stems with him. This it does here, too, when it has not been liberally supplied with water. It should also be planted deeply. But with me the crooked stems have been a decided advantage. Flower dealers will soon come to want a fair propor-

tion of the spikes crooked; they work in well in decorating. In one lot I sent to a dealer there were a good many such misshaped stalks; every one of them was picked out by a discriminating purchaser. I saw them afterward in the office window of a large contracting concern. They made a most attractive show and were admired by all who passed by. I believe if all these spikes had been straight and stiff they would not have received more than a passing glance. In a room the artistic effect would have been even more pronounced. Possibly with many of the Lemoinei, which are noted for their propensity to run to crooked stems, the effect would not be so good, unless the varieties were of the larger flowered sorts of this race of gladioli.

I have been asked for the name of what I consider the best early white gladiolus, The Bride, Shakespeare, Snowbank, May, Augusta and the like not to be considered. Of course, we here, in this California climate, can have early gladioli long before they would open outdoors in the east. Out of a score of whites grown here by me during the last season, I found the earliest to be an unnamed one produced by A. E. Kunderd. It is one of his plain-petaled sorts. For a truly magnificent white of grand form and substance, his new ruffled variety named after his wife is the best I ever saw. The flower is much larger than Snowbank or Reine Blanche. Alice Carey is a splendid white, but I do not like the way it sets on the stem; I am afraid it will prevent its ever being a good sort for florists.

Mentioning Kunderd's new varieties reminds me that he has several other good whites, but not equal in my estimation to the grand ruffled named. One is a ruffled, but I think the stem too short for anything but bedding purposes. He has a white with blush edges that is a free bloomer, as many as ten or a dozen flowers being out at a time, which makes it desirable for many uses in florists' work. He has a beautiful pink variety that equals in some respects that magnificent French sort, Sans Pareil. For this country it has greater vigor and reproductive proclivities to recommend it to our trade. For cutting it has no equal among the pink varieties.

I am something of a crank on reds, although I am fond of many of the other colors as well; in fact, I like all the fine sorts. But of reds I have made quite a study. And yet, for our climate, I have not found a red that I must say I thoroughly like. Perhaps I am too hard to please. Kunderd has some good ones. What P. O. Coblentz put out as No. 312 as one of our freest and surest bloomers. Sometimes, however, it seems to lose color in our hot sun; then, sometimes, the stem does not grow upright. It is a grand flower and a good seller as a cut flower. I am glad it is about to get a permanent name. I have grown it several years. R. E. Huntington, of Painesville, O., catalogued it a year or two ago and called it Grenadier; so, also, I believe, did Storrs & Harrison, of the same place. Some other names have been applied to it, but I believe a number of dealers have united on Grenadier as the future name of what Coblentz sent out as No. 312. I think, however, that Red Chief would be better, although the one pitched upon is good and distinctive.

The peer of all red or scarlet gladioli is unquestionably Princeps, but it is not entirely suitable for florists' use. A new one just being sent out by the Kirchhoffer people, of Pembroke, N. Y., is the swellest thing out. Princeps colors are there in full force, but it has the advantage of having a better arranged flower, although it is not so large. It has much the form of America, and, perhaps, generally speaking, is as large. I understand that it will be some years yet before the stock will be sufficiently large to allow of its general use in the trade. I have tried over a dozen forms and they did splendidly here. The hot sun did not burn the petals, as is too often the case with the reds.

W. A. Pryal.

ANTIRRHINUMS.

It is really wonderful the way antirrhinums have advanced in popular favor the last few years. Growers unacquainted with them until quite recently are now growing them in quantity and find them a profitable crop. The main trouble, with many florists, still is that they will persist in planting mixed colors in shades which are not wanted in the market. This is utterly wrong. Of course, at Memorial day about any shade will sell, but at other seasons a few special colors only are wanted. Bright pink is always a seller. Pure white, yellow and scarlet are other selling colors. Once having secured a really good type, it is best to hold on to it, propagating from the shoots, which are plentifully carried on the flowering stems. These root readily in sand, like carnations, and any put in now and grown on will give a strong spring crop. The sale for rooted cuttings should not be overlooked. There is a strong and growing demand for these and it is not confined to any one section of the country.

Many of the mums, in fact all but the late ones, are now cut and there are few better paying succession crops than snapdragons, to give them their common name. The old mum soil need not be renewed. Give it a heavy coating of cow or sheep manure, spade it over well and you can grow splendid antirrhinums in it. If strong spikes are desired it is necessary to disbud the shoots and leave only a small number to a plant. Of course it is necessary to get rather fancy prices for these, and such prices are only obtainable in the big markets. For supports, wires and cross strings, such as are used for carnations, answer well. It is necessary to always keep the stalks erect; once allow them to get bent and they are valueless.

The early batch is now in heavy crop, and in spite of the avalanche of chrysanthemums is selling well. An effort should now be made to hold a large cut for Thanksgiving, when prices should



Orchids and Valley. Pompon Mums, Daisies and Valley.

Two of the Display Baskets in the Flower Show Given by E. Wienhoeber Co., Chicago.

materially advance. A mulch of old manure and occasional doses of liquid will now be of benefit to this early crop.

WIENHOEBER'S EXHIBITION.

One of the best ways of winning trade for a flower store is to hold an exhibition and invite the attendance of those who should be flower buyers. When the people are shown, not only the flowers, but the ways in which they are or can be used, the results, if not immediate, are certain.

The E. Wienhoeber Co., Chicago, holds a private show at its store, not every year, but just infrequently enough so that the novelty will not wear off. No newspaper advertising is done, but engraved invitations are sent to the company's list of patrons and to others in that section of the city who are thought to possess the appreciative taste which would make them desirable customers for a flower store that puts quality and service above price. These Wienhoeber shows always are so good that the attendance is assured.

For the exhibition held November 8 to 10 the show house along the street front was curtained and roofed with green cloth as a background for a decoration of wild smilax, and in this room two round and two long dinner tables were set, with all napery. The decorations were strikingly different on each table and were changed daily. In the store itself a velvet-covered frame was built in front of the large mirror before which the special displays always are staged, and here orchids principally were used. All other sides of the store were made attractive with vases and baskets of the best cut flowers the market affords, each arranged for decorative effect and to show some special use for that particular flower.

Above the store are the rooms made famous by the occupancy of Richard Mansfield. Since Mansfield's death these rooms have been used for the large stock of pottery, baskets and supplies, customers never tiring of visiting them, often bringing friends. In the living room a buffet table was set, with appropriate decorations elsewhere throughout the suite. Some of the illustrations in this issue show details of the decorations.



During the Flower Show of E. Wienhoeber Co., Chicago.

ORANGES IN TUBS.

I have about fifty orange trees in tubs, from five to fifteen feet high, and they bloomed heavily, but only a few set fruit. Please give me some advice. What temperature is the best for them? I never have grown any before and when I took charge of this place they were full of mealy bug and scale. I washed them several times with heavy soap suds, but they still are on the trees. I should like to inquire about a gas which is used in the nurseries for fumigating trees and shrubs; also if there will be no danger for the plants, where to get it, and how to use it.

C. B.

While oranges can be wintered in a house just clear of freezing, they succeed best when given a minimum winter temperature of 50 degrees, increasing this 5 to 10 degrees when the plants start to grow, usually early in March. In winter they do not require much water, but should never be allowed to get actually dry. During the growing season, they should have copious supplies of water and liquid manure in addition. While they are in flower, discontinue syringing, or the fruit will not set so well. A suitable compost is one consisting of coarse, fibrous loam, crushed bones not smaller than quarter-inch size, with some old plaster or burnt mortar added. Cow or horse manure are better not used except in liquid form or for top-dressings. Syringe twice or thrice a day from March till October; then less frequently. Prune back any lanky trees. If kept warm and well sprayed, they will soon break away again. Be sure to provide the plants with good drainage.

While mealy bug can be largely controlled by a force of water and cleaned out by spraying with such insecticides as Aphine and kerosene emulsion, which should not be used however while the plants have tender growths, and while the larger scales can also be killed by these and some other insecticides, the surest method of extermination is hydrocyanic acid gas. This is especially necessary if you have the San Jose scale. This is a most deadly gas and must be used with the greatest of care, as its effects are quickly fatal on human beings as well as plant pests. Many articles have appeared on this gas in past numbers of The Review, but we would advise you to use the following formula, which we have proved effective. For each thousand cubic feet of air space, use two ounces of cyanide of potassium, best grade procurable, and six ounces each of water and sulphuric acid. To find cubic area of your shed or house, multiply length by breadth and this by average height; thus, a house 50x12x8 would contain 4,800 cubic feet and would need approximately five times the amount given for 1,000 feet. Use earthenware jars. Just pour in the acid; then add the water, after which drop in the cyanide wrapped in oil paper and get out of the house as fast as possible. Lock the door and be sure that no one is allowed to enter again that night. See that ventilators are tightly closed. Choose a cold night for the operation. In the morning open the doors and ventilators wide. Syringe well. All bugs and scales should be deceased. If any show signs of life, apply a second dose a few weeks later. Don't trust the fumigation to assistants. Do it yourself and keep any cyanide securely locked up.

C. W.

Washington, D. C. — The Florists' Club held its meeting, November 7, in a rathskeller fitted up in the basement of the store of A. Gude & Bro.

Milwaukee, Wis. — The Milwaukee Florists' Club has arranged for permanent quarters in the St. Charles hotel, City Hall square. Gustav C. Mueller is secretary. His address is 926 Ninth street.

SEASONABLE SUGGESTIONS

Azaleas.

If not already placed in heat, no time must be lost in getting any azaleas wanted for the holidays in a warm, moist house. Some varieties flower early with little forcing and it is always possible to get a fair number for Thanksgiving. Among whites, the well known Deutsche Perle holds first place. Mme. Petrick, double pink, is excellent, as are Simon Mardner and the old variegated, Vervæneana.

The dwarf varieties are great sellers at Christmas. Foremost among these is Hexe, sometimes called Firefly. This is the best selling shade for the holidays and should be more largely grown. It must be pushed right along to flower it on time. Plants carried over from last year and planted out in the field, where they were kept well hosed over, are already flowering, several weeks in advance of the imported Belgian stock. Keep the plants sprayed over freely until the flowers are opening and, when a fair number of flowers are open, remove to a cooler house. A night temperature of 60 to 65 degrees should be given and rub out any young growths the plants may make.

Camellias.

Camellias are steadily growing in favor and sell especially well at Christmas. They cannot be forced in the same way as azaleas, or most of the buds will fall. Give them a light, sunny house, a temperature not in excess of 50 degrees at night, and the majority of them should have a few flowers open. If the plants are heavily budded, rub off some of the smaller and weaker buds to turn more strength into the others.

Spiræas.

The spiræas, or astilbes, are now coming to hand. Do not attempt to force these at once, as only failure will result. After unpacking soak well in a tub of water, as the clumps usually get well dried out in transit. Keep them in a coldframe and leave the sashes off until they get several good freezings. Spiræa plants are now seen in flower at Christmas. These, however, are grown from retarded clumps and are not new importations. In potting spiræas use a rich soil and use pots into which the clumps can be just conveniently fitted. Little can be gained from forcing spiræas before Christmas, but after getting a few freezings, pot them and they will make considerable roots before you start them.

Cyclamens.

Many cyclamens already are blooming quite nicely and we will have quite a lot of salable ones for Thanksgiving. Do not grow your plants too warm in an effort to flower them early. It will only mean plants with long, weak flower stems, which will topple over every time you move them. The night temperature is better kept down to 50 degrees, and 55 degrees should only be used in extreme cases. Keep the plants as close up to the glass as possible. They will need no shade now. Those standing in a shady house and some distance from the glass will become drawn. A properly grown cyclamen should have a perfect circle of foliage, which partly hides the pot, and the flower stems should all stand up rigidly. The pots being now full of roots, give doses of weak liquid manure twice a week, or a top-dressing of Clay's once in ten days. Plants which it is intended to hold back until February or March must have a cold house; 40 degrees at night will be found ample for them.

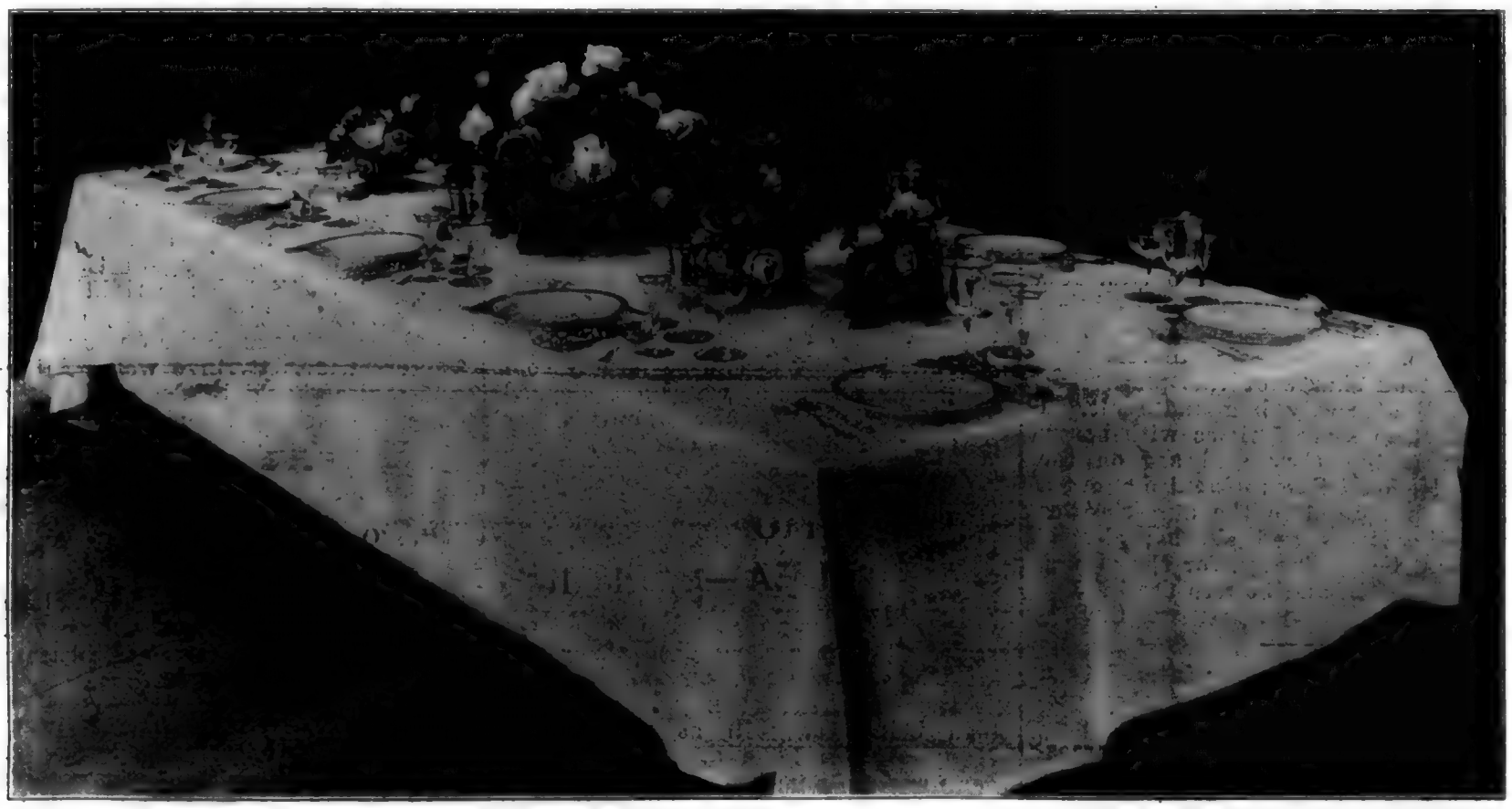
Marguerites.

Marguerite plants which are flowering should be kept well fed. They are better somewhat cramped at the roots in winter. A large root run is not conducive to floriferousness. Such as are being grown for Easter should be kept potted along and pinched for some weeks yet. Marguerites prefer a cool house, but will stand a carnation temperature. To produce nice, bushy plants, however, specialists prefer to grow them moderately cool. The old plants carried over in coldframes or lifted from the field are such as we get our winter crop of flowers from. In this connection, special mention should be made of the new double white Queen Alexandra variety, Mrs. F. Sander. This is proving a most satisfactory winter flowering sort.

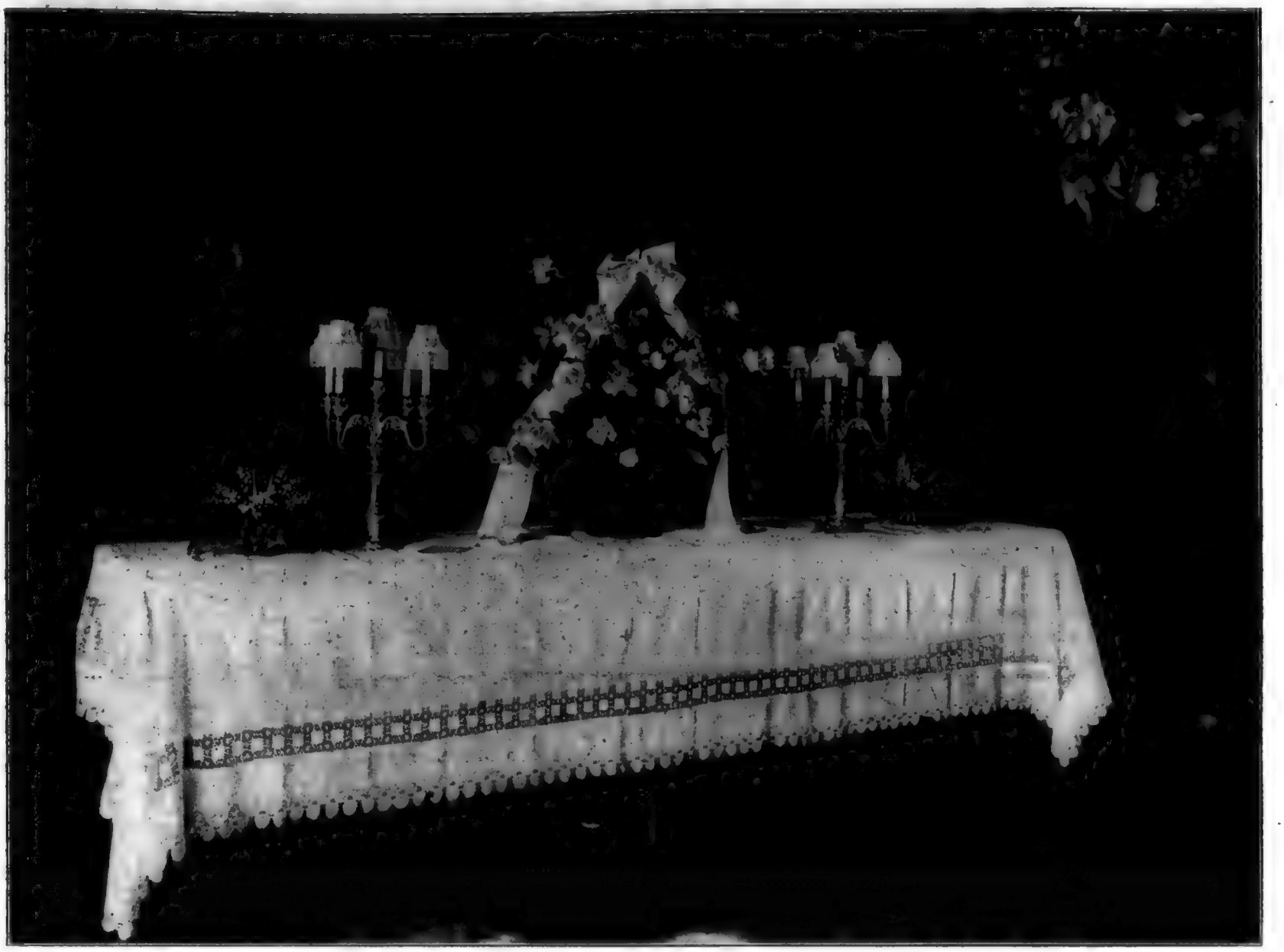
Bulbous Stock.

Batches of both Paper White narcissi and Roman hyacinths should be brought into heat every week or ten days. There is no trouble in having an abundant supply of Paper Whites for Thanksgiving, but the Romans come on rather more slowly. Now is a suitable time to place a good batch in a warm house for flowering at Christmas. The flats should now be well matted with roots and the tops started a couple of inches. It is, of course, an advantage to be able to give them a cool house for a few days before cutting the flowers.

French Trumpet Major, and Empress, and some of the La Reine tulips, should



A New French Style of Table Decoration as Shown by the E. Wienhoeber Co.



Buffet Luncheon Decoration, Arranged as Part of a Show by the Wienhoeber Co., Chicago.

now be in a condition to house, and, provided they are sufficiently rooted and started, should give some Christmas flowers. Many cannot be expected this early and it is doubtful if there is much money in them even at double the usual prices.

See that other batches of bulbs, whether in cellars, frames or outdoors, are well supplied with water. The upper soil may seem damp and that below be quite dry. Many bulb failures are due to too little moisture at the roots now. Where the bulbs are being stored outdoors, care must be taken not to allow them to get more than a few degrees of frost. As severe weather may come at any time, it is well to have protective material at hand to cover them when needed.

Spanish iris and Gladiolus nanus which are nicely started can be placed in a cool house, also a batch of any of the yellow, sweet-scented jonquils, which naturally flower early and are useful for retailing florists.

The Compost Pile.

Before freezing up weather arrives an ample supply of fibrous loam should be stacked, layered with well rotted cow or horse manure. The turf can be plowed lightly, which is much easier than attempting to cut it by hand. This compost will not, of course, be ready to use until next year. Provision should be made to get a good supply of loam, leaf-mold, well decayed cow manure, sand and other potting necessities under cover as soon as possible. It is disagreeable trying to secure any of these when once winter has grimly shut down on us, but every June we notice some of our brother florists who are lazy in this respect.

THAT LETTER-HEAD.

At the risk of wearying some of its readers, The Review has iterated and reiterated the injunction: "Use a printed letter-head; it's unbusinesslike to do without one." Wholesalers, especially seedsmen who cater to growers' mail orders, appreciate that thousands and thousands of florists write on paper that does not show the buyer to be entitled to trade prices; in fact, that leads to exactly the opposite presumption. It is because so many fail to realize the importance of the appearance of an order that The Review purposes to keep after the neglectful ones until they wake up to the fact that they stand in their own light.

The following is reprinted from an advertisement of a paper manufacturer, as showing the importance of a well gotten up letter-head:

"Build your business on your letter-head. It's a bigger power than you think. It has started many a successful concern. It is helping to develop many another. You may regard it as a mere detail of correspondence. Wake up! It's a good deal more than that. It's one of the biggest things in commerce.

"Our paper used in letter-head, pamphlet, circular and brochure is extending the influence of every firm that uses it. It is creating splendid impressions wherever there is a buyer. It is an index of character. It is strong in dignity and refinement. It indicates aggressiveness, progress and style. It arouses the same admiration as a stylish woman or a well-groomed man. It will strengthen your advertising campaign.

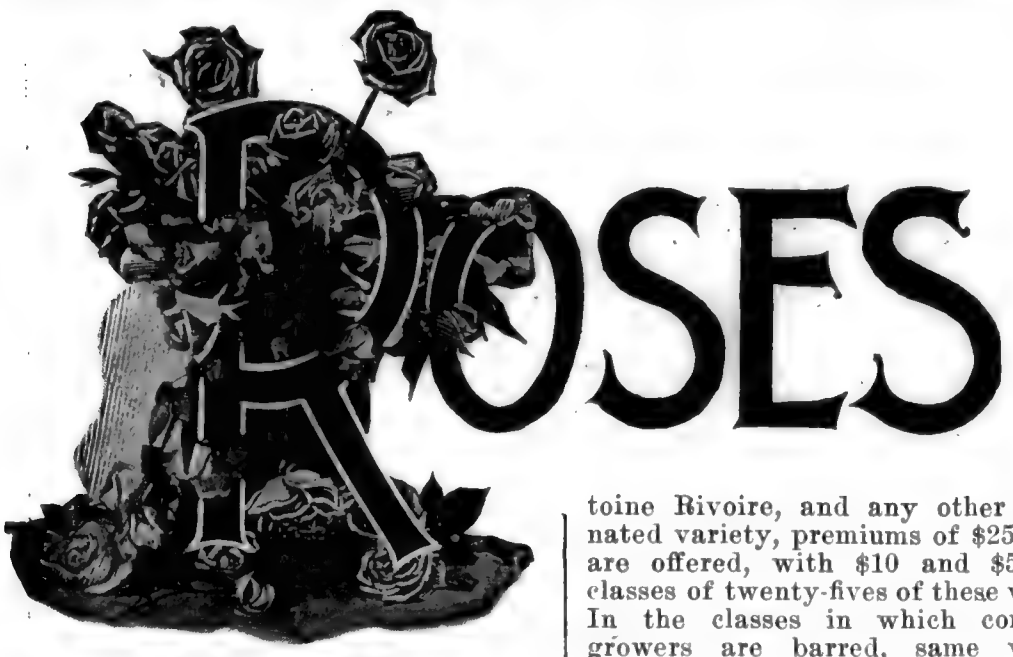
"What kind of a letter-head do you expect from your banker, your broker, your insurance man, your department store, your furrier, your tailor, your jeweler? If it isn't dignified or rich you are shocked. If they send you cheap-looking, poorly-printed matter you are pained. You are bound to get the idea that they are going back."

THE USE OF LIME WATER.

Please give me some information about the advantages and disadvantages of the use of lime water for watering plants. W. G.

The use of lime water is advisable when there are slugs, eelworms or insect larvæ of any kind in the soil. It is also helpful if the soil is of an acid nature, as some plants do not thrive under acid conditions. There is no particular disadvantage in using lime water, except the extra work. Most of this extra work can be avoided if air-slaked lime is mixed with the soil when it is being prepared, which will do away with the necessity of using lime water.

New Haven, Conn.—Plans have been drawn for a handsome new residence for William Slocombe, the Townsend avenue florist.



RAMBLER ROSES.

Now is a good time to dig up and pot a batch of rambler roses. These will not force quite so well early in the season, nor will they produce as fine trusses of flowers as those carried over summer in pots or tubs, but they will make nice plants and will flower particularly well if lifted without delay and kept cool for some time, so that the roots may become fairly active before forcing commences. Some of the roses will, no doubt, carry too many shoots for practical purposes. Cut away the weaker ones; from three to five are ample for each plant. Pot firmly. Use a good compost of loam and cow manure, to which some fine bone may be added with advantage. It should be possible to leave them outdoors a short time yet. When housed they can be laid on their sides if need be, and stacked quite closely, to economize space. If severe weather seems likely, use some littery manure or leaves among the pots, to prevent breakages from frost.

If you are purchasing your plants, do not get too many Crimson Ramblers. People are rather tiring of this pioneer in its class. The pinks, such as Dorothy Perkins, Tausendschon and Lady Gay; reds, such as Hiawatha and Delight, and the white Dorothy Perkins will all be found grand sellers; and do not forget the so-called Baby Ramblers, now procurable in scarlet, pink and pure white; these make neat pot plants and sell well. It is rather early yet to pot up any of the hybrid perpetuals; wait until the leaves fall from them.

ROSE SOCIETY PREMIUMS.

The American Rose Society has issued a premium list for the Detroit exhibition in January, the big feature of which is a class for "best display of cut roses covering not less than 200 square feet of space and not to contain less than 200 blooms, quality of blooms and effect to be considered, and decorative green of any kind, including plants, permitted. First prize, $150; second prize, $100; third prize, $75."

For fifty Beauties premiums of $50, $30 and $20 are offered, with half these sums for twenty-five Beauties.

For fifty each of Killarney, Dark Pink Killarney, Double Pink Killarney, White Killarney, Double White Killarney, Richmond, My Maryland, Mrs. Jardine, La Detroit, Mrs. Aaron Ward, Lady Hillingdon, Melody, Radiance, Rose Queen, Prince de Bulgarie or Antoine Rivoire, and any other disseminated variety, premiums of $25 and $15 are offered, with $10 and $5 in the classes of twenty-fives of these varieties. In the classes in which commercial growers are barred, same varieties, twelve blooms, the premiums are $4 and $2.

For the best rose not in commerce, fifty blooms, $50 and $25 is offered.

The retailers' prizes for the best and most artistic display of cut roses, and with such accessories as the exhibitor may desire, are $100, $50, $25.

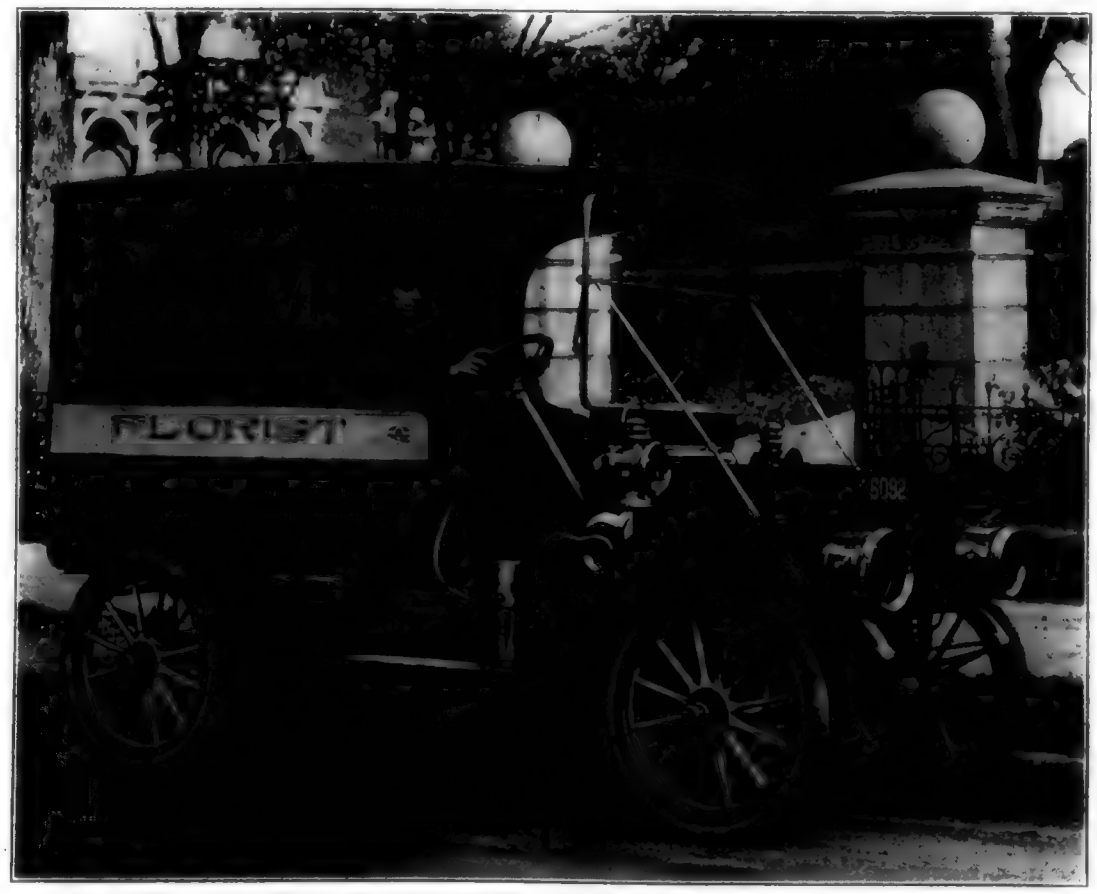
The S. A. F. medals and the Dorrance trophy will be awarded, and many special prizes are expected to be offered before the date of the show.

COST OF DELIVERY.

The accompanying illustration of the delivery car used by Charles L. Baum, Knoxville, Tenn., is of interest because it is a touring car rebuilt in a local shop, with a body suitable for a florist's use, and especially because of the saving in cost Mr. Baum has been able to effect by its use.

"Delivery is a big item in our business," says Mr. Baum, "and we find the best advertisement is to get our goods out on time and in proper condition. We can do this with less expense with this auto than we could before. Our delivery expense before we used the automobile was $3.50 per day, and sometimes more, using horse and wagon, messenger boy and the street cars, which was not only unsatisfactory but slow. Since installing this car our expense has been cut in half. Our greenhouses are five miles from the store and all stock is brought from the greenhouses every morning to the store in fifteen to twenty minutes, thereby saving a great deal of time. We have built a garage in the rear of the store; in fact, in the store, for there is just a partition between the workroom and garage, which is fireproof. To show the great help it is to us, the first week we had our car we were called on to deliver a casket blanket and several other large designs to a funeral twelve miles in the country and made the round trip in two hours and fifteen minutes, over a rough dirt road. The same trip would have taken eight to ten hours with a horse and wagon. The car was a five-passenger touring Reo which we made over into a delivery car. The work was all done in our local shops and the cost to us, including the car and the work we had done on it, was only $700. As all parts that were worn have been replaced with new ones, we consider that this truck will give us just as long service as one the factories are turning out now. Up to the present we are the only florists in this section who have a delivery automobile; in fact, this is the only car in our city like this one and we have had several calls from the grocers and dry goods stores asking about our car, with the intention of installing one like it."

Hatcher Station, Ga.—The Chattahoochee Floral Co. has secured a lot 40x50 feet from the Central of Georgia Railroad Co., on which it is building another up-to-date packing house in order to take care of the increasing business. The packing house has a natural cellar 15x40x50 feet. In addition they are building above a two-story house 40x50, with elevator running from cellar to third story.



A Rebuilt Touring Car Used by a Southern Florist.

CHRYSANTHEMUMS

BEST VARIETIES AT NEW YORK.

Some notes on the varieties of mums that won premiums at the eightieth annual fair of the American Institute, New York, will be of interest. The quality of the exhibits has never been surpassed.

In the first class, for twenty-five blooms of one variety, Wm. Vert, gardener to Howard Gould, Port Washington, L. I., scored first with F. E. Nash, conceded the finest flowers in the exhibition. Other exhibitors in this class were Robert Spiers, gardener to Mrs. John E. Parsons, Lenox, Mass., who had splendid examples of Mrs. J. C. Neil; Alex. MacKenzie, gardener to Percy Chubb, Glen Cove, L. I., whose R. E. Felton were something to be long remembered.

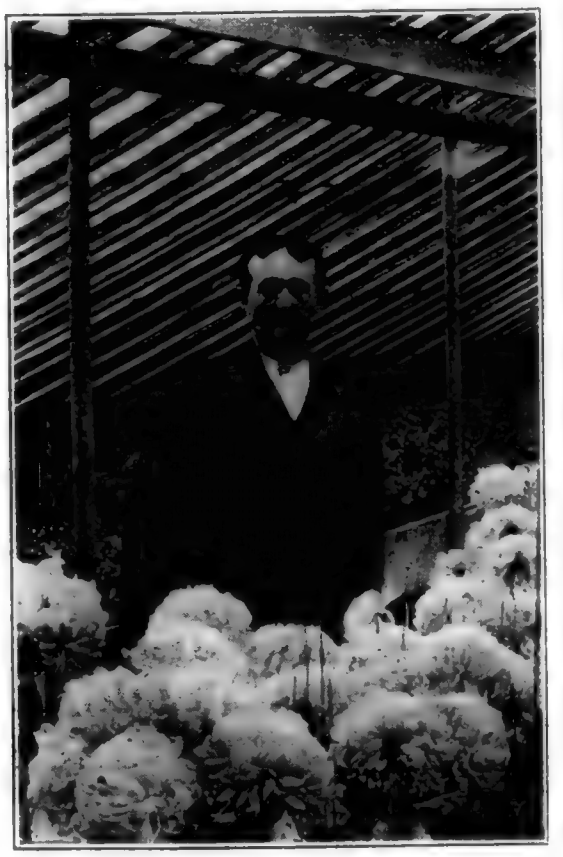
In the class for thirty blooms, one of each variety, George Middleton, gardener to Wm. Rockefeller, Tarrytown, N. Y., was first. His collection included excellent examples of Mrs. David Syme, Rose Pockett, Mrs. H. Stevens, Brighthurst, C. H. Totty, Mrs. H. Partridge, Wells' Late Pink and Mrs. J. C. Neil. Wm. Vert was second, his finest flowers being W. Woodmason, Leslie Morrison, Wm. Duckham, Pockett's Crimson, F. E. Nash, Howard Gould and Kara Dow. Wm. Turner, gardener to M. C. D. Borden, Oceanic, N. J., had an exhibit in this class that would easily score first in ninety-nine per cent of the exhibitions of the country. His blooms included splendid examples of W. Mease, Mrs. J. E. Dunne, Wm. Turner and Mrs. David Syme.

In the class for twenty varieties, one bloom each, Mr. Middleton was again first, his finest flowers being Hon. Mrs. Lopes, Mrs. Partridge, Pockett's Crimson and C. H. Totty. Robert Spiers scored second, his best blooms being W. M. Moir, W. Woodmason, Frank Payne and Mrs. J. C. Neil.

In the class calling for ten varieties, one bloom of each, Mr. Middleton again scored first, his best flowers being Mrs. H. Stevens, Hon. Mrs. Lopes, Mrs. Syme and Mary Mason. Ewen MacKenzie, gardener to Miss Iselin, scored second with beautifully finished blooms of Rose Pockett, Mrs. J. Dunne, Mrs. J. C. Neil, Mary Mason and Leslie Morrison as his finest flowers.

In the class calling for ten white Wm. Vert scored first with beautiful Beatrice May. The same exhibitor scored first in ten pink with magnificent flowers of Wm. Duckham. For ten yellow John Everitt, gardener to J. T. Pratt, Glen Cove, L. I., was first with possibly the finest flowers of Mary Donnellan that have ever been exhibited. Wm. Turner was second with Cheltoni. For ten crimson, Mr. Turner was first with Pockett's Crimson. Mr. Everitt scored first for ten bronze, with Mary Mason that were a revelation of the possibilities of this variety. Ten blooms in variety was won by Mr. Vert, his best examples being F. E. Nash, Wm. Turner, Pockett's Crimson and Wm. Duckham.

For six white John T. Burns, gardener to Miss C. A. Bliss, New Canaan, Conn., scored first with Syme, Mr. Vert coming second with the same variety. For six pink Mr. Vert scored first with Duckham, and Geo. Hale, gardener to E. D. Adams, Seabright, N. J., second with the same variety. For six yellow Wm. Turner got first with Mary Donnellan, J. T. Burns coming second with the same variety. For six crimson Mr. Turner scored first with Pockett's Crimson, and it is a notable fact that this variety was head and shoulders above



Nic Greivelding.

any other crimson in the exhibition. For six bronze Mr. Turner scored first with Glenview.

In the class for six blooms Japanese incurved, white, the spectacular blooms of the show were exhibited. These were staged by Alex. Robertson, gardener for E. H. Wells, Montclair, N. J., the variety being Wm. Turner, and it seemed to be the consensus of opinion that these were the finest flowers that have ever been staged at the Institute and possibly anywhere in the country. This variety is destined to make its way. It is a greatly improved Merza, differing not so much from that variety save in the fact that it is much larger; it has the same incurving petal and is snow white. It was unanimously decided by all present that this exhibit was the finest vase in the entire exhibition, ranking in the same class with Nash. Mr. Robertson also scored an easy first for six yellow with F. S. Vallis. Other splendid exhibits were six W. Woodmason, exhibited by Mr. Vert, and six Ramapo by Carl D. Schafer, Tuxedo, N. Y. Chas. H. Totty staged vases of F. T. Quittenton, Wm. Turner, Felton and several seedlings, including F-65, afterwards named Annie L. Angus; F-91, named Mrs. Harry Turner, and G-26, named Mrs. Peter Duff. The same exhibitor also staged some 150 varieties of singles, pompons and outdoor kinds. The finest singles included Sylvia Slade, deep crimson with a white zone; Mrs. Sam Atanton, a lovely light pink; Miss Hilda Wells, crimson with a white zone; Miss Mary Pope, possibly the best of the novelties, a lovely light pink, and Alexander Rowbottom, a splendid white.

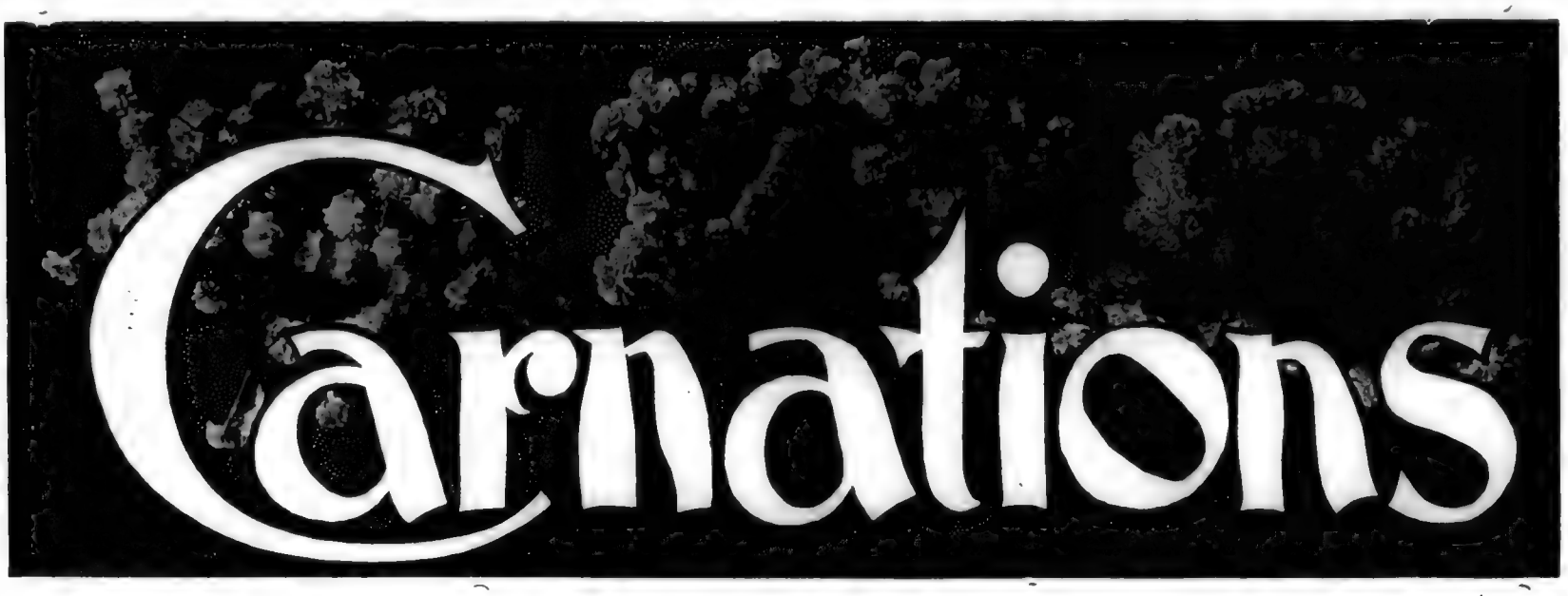
In the specimen plant classes Peter Duff, gardener to Mrs. J. Crosby Brown, Orange, N. J., scored first all through. His specimen white was Lady Lydia, his yellow Mrs. R. Hooper Pearson, and his finest standard, which was a splendid example of the craftsman's art, was Garza. In the class for six plants, one variety, Harry Turner, superintendent for S. Untermyer, Yonkers, won first with Mrs. David Syme.

Taking the show as a whole, the striking feature was that there was not a single flower of Col. Appleton staged in the yellow classes. T. Eaton and Yellow Eaton were alike conspicuous by their absence. This possibly might have been accounted for in the case of the two latter by their not being ready, but it does not explain the passing away of Appleton from the exhibitions. F. E. Nash, as an American seedling, was par excellence, but outside of this American varieties were poorly represented. Merza must certainly give place to Wm. Turner as the exhibition white, and it would seem as though Wells' prediction that Turner will displace Syme will be fulfilled another year, when the former variety is more generally distributed.

C. H. Totty.

A WISCONSIN FLORIST.

The accompanying illustration shows N. Greivelding among his chysanthemums in his range at Merrill, Wis. Mr. Greivelding was born in Luxemburg, a province of Belgium, and came to this country in the spring of 1892. He worked in the greenhouses of the John A. Salzer Seed Co., at La Crosse, for seven months and then started in business for himself at Sparta, with only one greenhouse. At the end of five years he sold out to Miss Miriam Jewett and moved to Merrill, where he built two houses. After three years, he sold the ground to the county and bought near the city hall.



PROPAGATING.

The Necessary Preparations.

While it is yet too early to propagate your next season's general stock of carnations, yet it is not too early to give the matter some attention. A few things you will be sure to need, and if you propose to have as good results as can be had, you should not wait until the time for putting in the cuttings is right upon you.

You will need a cutting bench if you do not possess a propagating house. Many of us do not possess such a house, and I doubt seriously whether we are not just as well off as those who do. I have always considered these specially built propagating houses as a good deal of a joke. Those who own them do not have greater success in propagating than many who use just a good, clean bench or house. The joke is that they are usually built small and are unfit to grow much in except small stock, and when, for one reason or another, the grower decides to propagate in one of the larger houses, the small one is unfit to use for the crop which formerly grew where propagating is to be done.

The Bench and Its Location.

So, if you do not possess a propagating house, do not despair. Select a bench—a raised one, of course—where you can easily keep off the sunlight and where you can control the drafts. This is usually more easily done on side benches, as they are farther away from the ventilators. There should be one or two heating pipes under the bench, to keep the sand warmer than it would likely be at times without bottom heat. This should not be overdone, however, as too much bottom heat will cause the cuttings to come out of the sand soft.

There are many different opinions as to what kind of bench construction gives the best results. We have seen many styles in use and have seen both successes and failures in each style of construction. So you "pay your money and take your choice." The style of propagating bench which appeals most to me is a clean wooden bench, with enough cracks to allow free drainage. We place in the bottom two inches of cinders and on top of these three inches of sand. The cinders will allow warmth to pass through into the sand above and they will drain away all the excess water which may have been put on the cuttings.

Building the Bench.

We build our benches as follows: Along the front edge and along the rear we place a stringer, which will rest on legs. When these are properly set up and braced, so they will stand up, we are ready for the bottom boards. These are sawed into the proper lengths to reach across the bench. Thus, when a board becomes weak, it can be replaced without ripping up a long stretch of the bench, which is often impossible. We use pecky cypress, of course, whenever we use wood, but you can use second-hand pipe to good advantage for the stringers.

Many concrete benches are being built nowadays. They are perhaps just as good for propagating as any, but I feel sure that they are not any better. The point I wish to make is, that no particular style of bench will bring you success in propagating unless you give the cuttings proper attention, and that if you do give this proper care you will have success on any style of bench, as long as you have complete control over light, heat, water and air currents.

If you have another crop now growing on the bench where you purpose to propagate, be sure that you cleanse and sweeten the bench well before putting in the sand. Let the boards dry out well first, and then apply a heavy coat of hot lime wash, allowing it to dry, too, before filling in the sand. This will kill any fungi which might be hanging around the sides or bottom.

A. F. J. Baur.

The Editor is pleased when a Reader presents his ideas on any subject treated in

THE WEEKLY FLORISTS' REVIEW

As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU

TROUBLE WITH HARD STEMS.

I am having trouble with one house of three varieties of Enchantress carnations. I am cutting good blooms and in looking over the benches from a distance one would think they were perfect, but on looking closer one sees rather high on the plants a place about one-half an inch long getting hard and woody, through which no nourishment can pass. The shoot above the diseased part dries up, while the lower part of the plant is trying to thrive. I might say I had trouble in getting them to take hold when first planted and had to pick off a good many dead leaves where the disease is now showing.

This is my first fall-down with carnations. I have always followed The Review's cultural directions closely, except that, believing my soil to be inclined to be sour, I had put on a little too much air-slaked lime before they were sufficiently established. How can I check the disease and what is best to keep it from spreading to another house of healthy carnations? Any information as to the cause or how to check its spread will be greatly appreciated.

J. C., Jr.

The hardening and drying of the stems of your carnations is not caused by any of the ordinary carnation diseases, but through improper culture, if my theory is correct. I have figured it out about as follows: You will be able to tell whether my theory fits your case or not.

In the first place, the cuttings were made from blooming shoots, some of which were rather too long. Then, when they were potted up, they quickly ran up to bud. They were allowed to run up to bud and become a little stunted and hard before they were topped. Perhaps they lost some of the lower leaves. Then, when they broke, there was a hard stem between each shoot which never swelled as it should. This same condition may have occurred before the second topping instead of the first and would have acted the same way. Then, when you stripped the foliage off the stems, the rotting began, on account of

your keeping the plants sprayed continually.

Now, the thing to do is to check the rotting if possible. To that end I would advise you to spray the plants with Bordeaux mixture. Hold the nozzle of the sprayer right into the plant, so as to get the material onto the stems, where the trouble is.

There is no danger of its spreading any farther than the plants which are affected with the hard stems.

A. F. J. B.

EATERS OF CARNATION FOLIAGE.

In reply to H. C. G., who speaks in The Review of November 9 about an unknown enemy eating his carnations, I will say I had a similar trouble with my carnations, and by close watching I found the mischief-maker nothing but a grasshopper. After killing it the trouble was ended. I think that if H. C. G. keeps his eyes open he will catch the mischief-maker right at work, when he can kill him. C. A. H.

In answer to H. C. G. in The Review of November 9, I will say that his trouble is with cutworms, as I had the same trouble for a while, and when I looked closely I found a green cutworm. It does its work early in the morning. If H. C. G. can not find them in the crown of the shoots of his plants, he must look closely all through the plants.

J. A. G.

THE PLANT SPECIAL.

The express companies here are not willing to give me the reduced rates on plants that are shipped to me from other places. The agents here claim that the reduction only is given on prepaid shipments. When a shipment comes in properly marked and correctly waybilled by the agent at point of shipment I have no trouble, but when a shipment comes billed at the merchandise rate I can get no satisfaction. One agent even goes so far as to say that the express company could make no change in the billing except with the approval of the Interstate Commerce Commission. Will you please enlighten your readers on this subject?

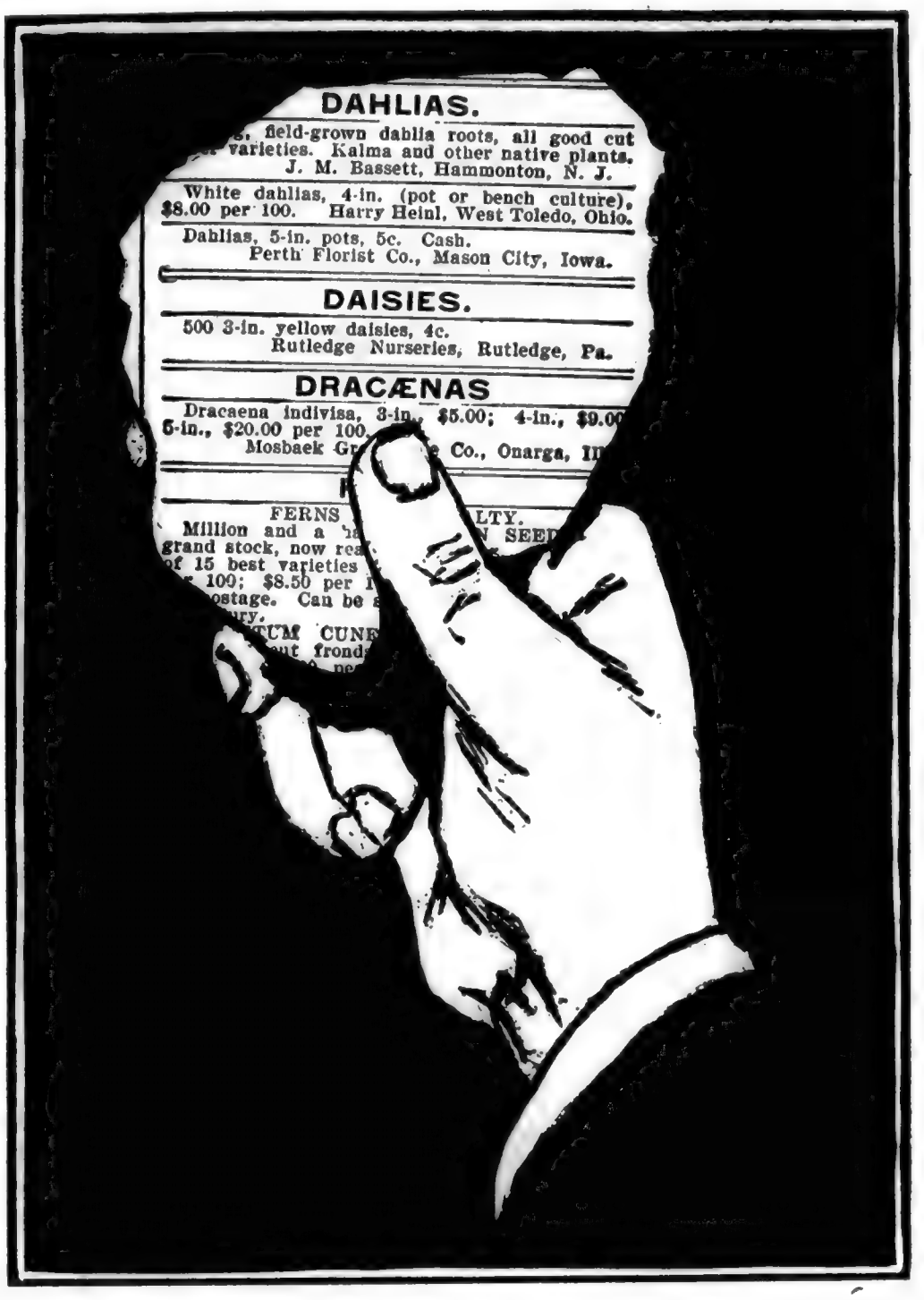
F. J. U.

To begin with, it is important that plant shipments be properly and conspicuously marked as such, and it is well to have the placard also state that the rate is to be twenty per cent less than the merchandise rate. Most of the large shippers have large printed labels covering this point, for pasting on all outgoing boxes and crates. With this precaution by the shipper, the friction will be reduced to a minimum. Shippers also should acquaint themselves with the express companies' rules with regard to character of shipments, boxing, etc. It is not true that shipments of live plants must be prepaid to be entitled to the special rate, but it is the fact that payment of the charges must be guaranteed by the shipper. The rules with regard to crating or boxing are such as have been found to operate toward safe carriage and should be followed for that reason as well as for the reduction in rates so obtained.

When a shipment arrives that is entitled to transportation at the special rate but is billed at the merchandise rate, the stock being perishable, the thing to do is to pay the charges, being sure to take a receipt showing the waybill number. This is merely to help the company identify the shipment later. Then file a claim for a refund of the overcharge. In some of the smaller places the agents are so unfamiliar with the details of the express business that they look upon any claim as merely meaning trouble for themselves, though it does not, and will try to refuse it, or will say they can do nothing with it. In such an event ask the name of the division superintendent, and his address, sending the claim direct to him. If overcharges are frequent and difficulty is had in getting them adjusted, ask the division superintendent to instruct the local agent so that he will be able to correct an apparent error at the moment it is called to his attention. In the larger cities, if a delivery is tendered on which there is an apparent overcharge, the wagon man usually can get from the main office by telephone, right then and there, authority to correct the charge, but of course this should not be expected where the facts are in doubt.

There is one point to be emphasized: Be courteous. Nothing is gained by the "hammer and tongs" method of "making a kick." Don't use it. Don't make unreasonable complaints and, when you have cause to complain, do it in the same spirit you would like to have your own customers come to you in. The express business is one of infinite detail and mistakes are not to be avoided, but the men in charge for the express companies are gentlemen, as well as keen business men, and if one goes about it in a gentlemanly way he usually can get promptly anything that the rules will allow.

These Are the Little Liners That Do the Business



Trenton, N. J.—The Supreme Court has sustained a judgment given in favor of W. A. Manda, South Orange, against the Wells-Fargo Express Co., the case growing out of the freezing of a shipment of orchids.

Peoria, Ill.—J. C. Murray, the other evening, was writing and dropped his fountain pen. In reaching for the pen his arm struck and overturned the lamp. The flames spread with such great rapidity that Mr. Murray could do nothing but retreat to the street. The fire department, however, made quick work of the blaze, the loss being only $500, fully covered by insurance.

WHY SPHAGNUM IS SCARCE.

One of the shortages that is pinching the florists at large is the one now existing in sphagnum moss. Stocks are well cleaned up all over the country, and particularly so in the west. Jobbers have been unable to get their customary autumn shipments. To those who have inquired as to the reason for the shortage the answer has been returned that the season has been a particularly rainy one in the Wisconsin swamps, whence come the supplies of this essential basis for designs. Immense quantities of sphagnum come from the vicinity of Wausau, in Wisconsin. A shipper there, in explaining the delay in filling his orders, sent to the A. L. Randall Co., Chicago, the photograph reproduced herewith. It shows, not a scene in Venice, but the main street of the neighboring town of Schofield during the days of late October. Traveling by boat is a novelty in the town streets in the sphagnum district. There was snow in the woods the last week of October, but it melted fast and there is hope of an opportunity of catching up with the demand.

WASHINGTON, D. C.

The Market.

The cold wave, which is making Washington shiver, is accepted as a boon by local florists. November as a rule is a poor month for the trade here, but nearly all the florists say that the balance of this month promises to be better than the average. The return of President Taft and his family to the city, marking as it does a revival of social activities, will be beneficial. During the next few weeks, besides Thanksgiving, the florists will be thankful for several debutantes' parties and other social affairs.

The better varieties of mums are now coming out. The first Maud Dean were shown last week. There are fine white and yellow Bonnaffon and the largest varieties will be along on time a week or more hence. Roses are fairly plentiful and really good. Carnations have advanced in price and are now bringing 2 to 3 cents. Valley is moving well, but smilax is going better. Cattleyas are more plentiful, and orchids bring $7.50 a dozen.

Various Notes.

The event of this week was Blackistone's opening Tuesday, after extensive alterations. The size of his store has been nearly doubled, and 300 square feet of show windows are filled with the choicest flowers, while inside a flower show is in full blast, including forty varieties of mums. The general scheme of the improved store is colonial. French gray and white predominate and the walls are decorated with dainty lattice and long mirrors. There is a beautiful balcony, used for office purposes. Visitors were given floral souvenirs. Z. D. Blackistone went into business independently in 1899 and is receiving many congratulations on his success. He increased his business force this week by taking on Walter Hengel, formerly with Habermehl, of Philadelphia.

The Washington Florists' Exchange recently received a dozen huge cases of smilax for the fall trade.

J. E. Morrison has opened a downtown branch of the Columbia Nursery Co., next door to the Florists' Exchange on H street. Mr. Morrison belongs to an old family of nurserymen in the west. His brother, Joseph, recently went to the Isle of Pines and is raising citrus fruits.

J. H. Small & Sons have been delayed in moving from their old stand at Fourteenth and G streets, to the Woodward building, Fifteenth and H streets, considered one of the best corners in town, owing to failure of the contractors to have the building completed on time. The Smalls hope to get settled in their new quarters this month.

W. Marche has a big contract to lay out a Roman garden for a wealthy resident of Chevy Chase, the fashionable suburb.

W. F. Gude is making a campaign for a congressional police and firemen's pension law.

W. R. Smith, superintendent of the botanical gardens, will probably be able to leave the hospital before long, but the doctors fear he may not entirely regain his health. He is suffering from a serious internal trouble.

Mr. Jones, of Philadelphia, is visiting here. H. C. H.



Not Venice—Just a Flooded Town in the Sphagnum District.

NEW YORK.

The Market.

Last week ended the Indian summer. The western storm brought a drop of 30 or 40 degrees, and the week opens with the first severe weather of the fall season. The market improvement began November 10, with an advance in the price of orchids, violets and lilies. American Beauties advanced to 35 cents. All the new varieties of roses hold well and sell rapidly, the supply being limited. Of the older varieties, the market could not handle them last week and many thousands reached the street and the department stores. The cold snap will drive the street merchants to cover. Then the surplus must find its way to the big stores, where the purchases are made in wagon loads. For these, remarkably low prices have been advertised recently in the city dailies.

Carnations did not go above $2 per hundred last week and only the best brought that price, the bulk of the shipments closing out at $1 and under. The quality is now perfect. Lilies advanced encouragingly at the week's close and the selected stock sold at $1 a dozen. Valley was firm at $2 to $3 and the tendency is upward. Violets are none too plentiful. Some predict a dollar for them before the week is over. The specials sold at 60 cents to 75 cents November 11. Cattleyas, the best, touched 75 cents each, with not enough to go around.

The chrysanthemum flood is at its height and there are no signs yet of decrease in supply. Prices are down, and few command over $3 a dozen. Splendid stock can be had at $10 per hundred and some excellent flowers sold as low as $5 per hundred. Enormous shipments of bunches are arriving, but are hard to dispose of. Good plants can be bought at from 15 to 25 cents each.

Gardenias are in wide demand and of better size and stem, the best touching $5 a dozen.

Club Meeting.

The attendance at the club meeting November 13 numbered over 150, including a liberal sprinkling of the fair sex. The nominating committee announced its slate as follows:

For president—J. B. Nugent, Jr., I. S. Hendrickson, Jos. A. Manda.

For vice-president—John Rassbach, Philip Einsman.

For secretary—John Young, W. G. Badgley.

For treasurer—W. B. Rickards, Jr., W. H. Siebrecht, Jr., C. W. Scott.

For trustees—John Donaldson, R. G. Wilson, F. A. Bolles, William Duckham, Philip Kessler, Harry Turner.

Resolutions on the death of I. L. Powell were read and a copy ordered sent to his family. An important letter was read from Prof. John Craig, of Cornell University, and its many suggestions as to the advancement of the horticultural interests, including the prospective building of greenhouses at Ithaca, will be thoroughly considered at the club's December meeting. H. Reidel, Meyer Othile, Roma J. Irwin, H. Langeler, Wm. Chalmers and John Birnie were nominated for membership.

The exhibits of the evening were:

A vase of the new carnation Wodenethe, by Chas. H. Totty; thanks of club.

Seedling carnation No. 310, by J. D. Cockcroft; scored 84 points.

Double Improved White Killarney by S. J. Reuter & Son; scored 85½ points.

Carnation Brooklyn, by Charles Weber; thanks of club.

Seedling petunia, by A. T. Boddington; honorable mention.

White Killarney, by Robert Simpson, vote of thanks.

The award committee also reported its visit to the greenhouses of C. H. Totty at Madison, to see the new rose Sunburst, for which a score of 90 points was given and a certificate of merit.

A collation was served under the superintendence of Chairman Al. Rickards, of the entertainment committee. J. Hayes and Mrs. Maurice Glass supplied the musical part of the evening's program.

J. Otto Thilow gave a stereopticon lecture that was intensely interesting and held the audience for two hours. Nearly 200 views were thrown upon the screen. Those of President Nugent and P. O'Mara came unexpectedly and aroused enthusiasm.

Various Notes.

The auctions were well attended last week. The MacNiff Co. says it was the largest week in their experience.

J. K. Allen has disposed of many thousands of mums in pots. His next plant specialty will be pansies in pots.

Paul Meconi, in the Coogan building, is rapidly building up a prosperous business.

Anton C. Zvolanek left Bound Brook last week for his winter sojourn at his sweet pea farms in California.

The hunters, Messrs. Donaldson, Miesem and Scott, of Whitestone, have returned safely from a week's shooting in Virginia and quail on toast is the daily menu of their long-suffering housekeepers, each having brought home "enough birds to last till Christmas."

The new carnation, No. 310, the prize-winning seedling owned by J. D. Cockcroft, of Northport, is a rapid seller. Badgley, Riedel & Meyer have been handling it. Mr. Badgley has just had aldermanic honors bestowed upon him in Madison.

Emil Schrader, of Staten Island, a leading florist there, shot and killed a chicken thief, whom he caught in the act and was obliged to shoot in self-defense.

Woodrow & Marketos are occupying the store formerly owned by August Millang on West Twenty-eighth street and are building up a fine retail business, as well as doing a wholesale trade.

Max Schling had the decorative contract for a big dinner and ball at Montreal last week.

Frank & Sons, at Third avenue and Eighty-seventh street, report trade excellent in their section, the low rates advertised by the department stores not being seriously felt there.

Mr. Christensen, of Madsen & Christensen, Woodridge, N. J., was in the city Saturday, the guest of Wm. Kessler. The specialty of this house is the daisy, five houses being devoted to its culture. They also grow wallflowers and gardenias.

W. H. Taplin, superintendent of the Dailledouze plant in Flatbush, was in Detroit last week, attending the funeral of his uncle, Stephen Taplin.

John Egenbrod, with Badgley, Riedel & Meyer, was in the limelight last week, having saved the lives of an actor and actress by a brave control of a runaway horse.



Max Schling Inspecting a Design for the Pulitzer Funeral.

W. Atlee Burpee, of Philadelphia, was in the city November 13, attending the annual banquet of the Canadian Club of New York.

Mr. Moore, of Moore, Hentz & Nash, was in the city November 11, from Chatham.

Max Richter, superintendent of the orchid section of the Julius Roehrs Co., has been seriously ill with typhoid pneumonia.

The large plate glass window of the Growers' Cut Flower Co., 111 West Twenty-eighth street, was broken last week by an intoxicated man.

The Kervan Co. had a scare last week, the result of a fire on the third story of their new building. The damage was slight, and is covered by insurance. The cold storage section was uninjured. J. Austin Shaw.

Joseph D'Onofrio, who owns several flower stores in Harlem, was set upon and robbed while making his way home one night last week.

Sturgis, Mich.—John W. Vogt, formerly with E. C. Campbell, at Rochester, N. Y., has succeeded A. Richter as proprietor of the Sturgis Greenhouses.

ROCHESTER, N. Y.

The Market.

Business in general was good last week and there is little surplus stock on hand. Chrysanthemums are thinning out a little, because the early varieties are about exhausted and there are few of the late varieties on the market as yet. Yellow mums are not plentiful, Bonnaffon being about the only good one to be had at present. In pink, Patty is our best variety, having superb blooms and being exquisite in color. Timothy Eaton is beginning to come in, but good whites are scarce.

Carnations are not abundant, and continue to be below par. Pink Delight is coming in better now and has a firm stem with good blooms.

Beauties are much improved and specials are selling for $6 per dozen retail. Radiance, Melody, Uncle John and Sunrise make their appearance occasionally in small numbers and are much sought after. Killarney and White Killarney are in great demand and are excellent in quality. Tafts are first-class, but Richmonds are still rather poor. Wards are falling off in supply and the demand is greater than ever.

There has been a spurt in the market for gardenias and cattleyas. Both are

in excellent condition and bring a good price. Oncidiums are quite abundant, but there is little market for them. Cypripediums are selling again, after having been thrust aside by the trade for a season. Valley is fine and is in great favor, especially for corsages. Star bouvardias are also used a great deal for that purpose. Violets are better than ever and are selling well. Primroses, begonias and cyclamen are finding abundant sale in the flowering plant line. There are still a few potted chrysanthemums to be had. Camellia Japonica has made its appearance and is bringing a big price from those who can afford this beautiful plant.

An extraordinary run of business occurred last week, as loads of flowers were sent as gifts to the performers in the play given for the benefit of the General hospital. A great number of Beauties were disposed of, and nearly all the downtown florists were represented in the floral tributes sent.

The Lamberton Show.

The appreciation by the people of Rochester of the Lamberton conservatories, recently opened to the public, has been amply demonstrated by the multitudes of delighted visitors who have thronged the place. Sunday, November 5, the stream of visitors was almost continuous. On entering one finds a rare chrysanthemum, with over twenty varieties that elicit much admiration. To the right of the mum house is the cactus house, in which are many varieties. The third house is given up to begonias, primroses, ferns, orange trees, etc.

As a flower show, pure and simple, the display was extremely creditable. The arrangements for the convenience of the visitors left nothing to be desired, and abundant opportunity was afforded to enjoy the floral specimens.

Various Notes.

The regular monthly meeting of the Rochester Florists' Association was held Monday evening, November 13. Chas. C. Zollar gave a talk on color photography and exhibited color plates of various flowers and plants.

Street venders were selling roses at a sacrifice last Saturday, because of a few warm, sunny days, which brought them in an overabundance.

Edward Brockman, of Irondequoit, N. Y., is planning to put up another Lord & Burnham house in the near future. He is greatly pleased with the house the above firm erected for him last summer.

James Vick's Sons report that they had the best bulb trade this fall in their history.

Ellwanger & Barry had a large exhibition of fruit trees, shade trees and shrubs at the American Irrigation Exposition in New York city.

Edward S. Osborne, secretary of the Charlton Nursery Co., was elected comptroller by the Republican party November 7.

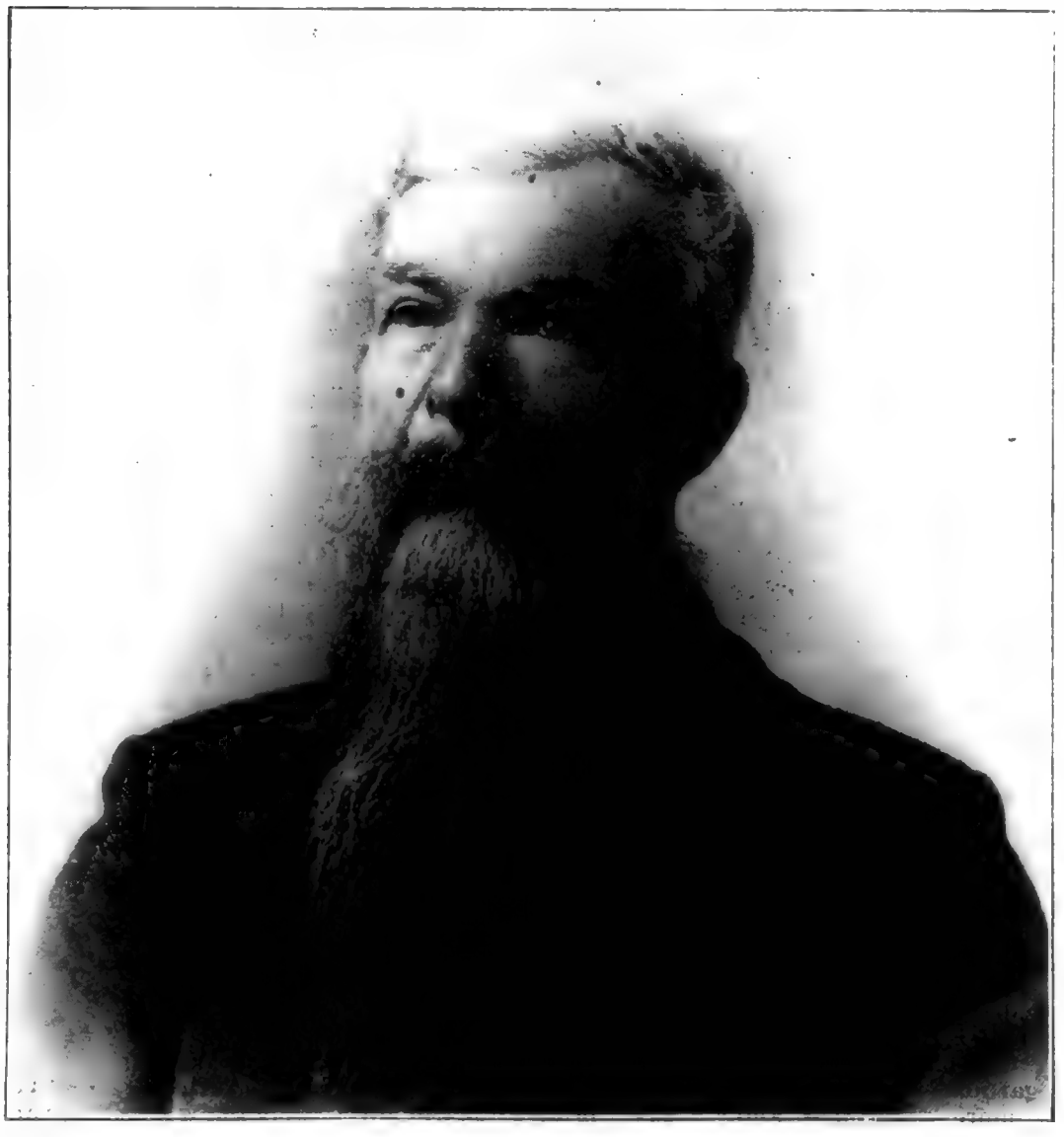
A. N. Pierson, Inc., of Cromwell, Conn., is shipping some excellent gardenias into this market.

Arthur Zirkman, of M. Rice & Co., Philadelphia, called on the trade last week.

J. B. Keller Sons are growing some fine Patty chrysanthemums.

Winfred J. Smith did some artistic decorations in the benefit play given here last week.

Geo. Keller's boiler for the new greenhouse is in place and will be built in soon. E. C. A.



Stephen Taplin.

...NEWS NOTES...

Wilmette, Ill.—H. P. Gerhardt, whose retail store is known as the Wilmette Florist, is preparing to move into a new and handsome building, on the main street, where he will have an attractive conservatory in connection.

Valley City, N. D.—Charles E. Moore, who began business here about six years ago and built up a flourishing trade, has now taken his brother, R. W. Moore, into partnership and the two are planning still greater developments.

Alton, Ill.—George Madsen, of the Alton Floral Co., has purchased a residence on East Second street and will occupy it during the winter months when the weather is too bad to allow comfortable traveling to and from the gardens in Godfrey township.

Minneapolis, Minn. — The annual chrysanthemum show at the city park greenhouses was opened November 5, to continue for two weeks. The show was under the management of Louis Boeglin, head gardener for the park board, and attracted large crowds. After the close of the exhibition, the flowers were cut and sent to the hospitals.

Brookline, Mass.—James J. McElroy, for the last three years a resident of Dover, N. H., is now in this city, where he will resume his former business as florist and gardener. In association with his brother-in-law, he will have charge of a number of large estates. Before removing to Dover, Mr. McElroy was gardener for Millionaire Tom Lawson, at Dreamwold.

Freeport, Ill.—A 260-barrel water tank at the greenhouses of John Bauscher, Jr., collapsed on the evening of Monday, November 6, on account of the breaking of the hoops, and fell from the top of the 60-foot tower, crashing through four greenhouses, ruining thousands of plants and causing a loss of about $2,500. A gang of twenty men was put to work on the following morning, closing up the ends of some of the greenhouses so as to save as much of the stock as possible. Mr. Bauscher, though he feels the loss severely, says he considers it extremely fortunate that no one was injured.

New Springville, N. Y.—It is stated that Emil Schrader, while engaged recently in an attempt to capture a chicken thief, fired a revolver shot, almost at random, and killed the thief instantly. According to the report, the thief had entered the poultry house and had a bag of fancy Wyandottes in his hands when detected. He threw the bag of fowls at Mr. Schrader's head, and it was then that Mr. Schrader, staggering back and almost blinded for the moment, fired the fatal shot. He was arrested on a charge of homicide, and also on the additional charge of unlicensed possession of firearms.

PETER DEVOY NEAR DEATH.

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in excellent condition and bring a good price. Oncidiums are quite abundant, but there is little market for them. Cypripediums are selling again, after having been thrust aside by the trade for a season. Valley is fine and is in great favor, especially for corsages. Star bouvardias are also used a great deal for that purpose. Violets are better than ever and are selling well. Primroses, begonias and cyclamen are finding abundant sale in the flowering plant line. There are still a few potted chrysanthemums to be had. Camellia Japonica has made its appearance and is bringing a big price from those who can afford this beautiful plant.

An extraordinary run of business occurred last week, as loads of flowers were sent as gifts to the performers in the play given for the benefit of the General hospital. A great number of Beauties were disposed of, and nearly all the downtown florists were represented in the floral tributes sent.

The Lamberton Show.

The appreciation by the people of Rochester of the Lamberton conservatories, recently opened to the public, has been amply demonstrated by the multitudes of delighted visitors who have thronged the place. Sunday, November 5, the stream of visitors was almost continuous. On entering one finds a rare chrysanthemum, with over twenty varieties that elicit much admiration. To the right of the mum house is the cactus house, in which are many varieties. The third house is given up to begonias, primroses, ferns, orange trees, etc.

As a flower show, pure and simple, the display was extremely creditable. The arrangements for the convenience of the visitors left nothing to be desired, and abundant opportunity was afforded to enjoy the floral specimens.

Various Notes.

The regular monthly meeting of the Rochester Florists' Association was held Monday evening, November 13. Chas. C. Zollar gave a talk on color photography and exhibited color plates of various flowers and plants.

Street venders were selling roses at a sacrifice last Saturday, because of a few warm, sunny days, which brought them in an overabundance.

Edward Brockman, of Irondequoit, N. Y., is planning to put up another Lord & Burnham house in the near future. He is greatly pleased with the house the above firm erected for him last summer.

James Vick's Sons report that they had the best bulb trade this fall in their history.

Ellwanger & Barry had a large exhibition of fruit trees, shade trees and shrubs at the American Irrigation Exposition in New York city.

Edward S. Osborne, secretary of the Charlton Nursery Co., was elected comptroller by the Republican party November 7.

A. N. Pierson, Inc., of Cromwell, Conn., is shipping some excellent gardenias into this market.

Arthur Zirkman, of M. Rice & Co., Philadelphia, called on the trade last week.

J. B. Keller Sons are growing some fine Patty chrysanthemums.

Winfred J. Smith did some artistic decorations in the benefit play given here last week.

Geo. Keller's boiler for the new greenhouse is in place and will be built in soon. E. C. A.



Stephen Taplin.

...NEWS NOTES...

Wilmette, Ill.—H. P. Gerhardt, whose retail store is known as the Wilmette Florist, is preparing to move into a new and handsome building, on the main street, where he will have an attractive conservatory in connection.

Valley City, N. D.—Charles E. Moore, who began business here about six years ago and built up a flourishing trade, has now taken his brother, R. W. Moore, into partnership and the two are planning still greater developments.

Alton, Ill.—George Madsen, of the Alton Floral Co., has purchased a residence on East Second street and will occupy it during the winter months when the weather is too bad to allow comfortable traveling to and from the gardens in Godfrey township.

Minneapolis, Minn. — The annual chrysanthemum show at the city park greenhouses was opened November 5, to continue for two weeks. The show was under the management of Louis Boeglin, head gardener for the park board, and attracted large crowds. After the close of the exhibition, the flowers were cut and sent to the hospitals.

Brookline, Mass. James J. McElroy, for the last three years a resident of Dover, N. H., is now in this city, where he will resume his former business as florist and gardener. In association with his brother-in-law, he will have charge of a number of large estates. Before removing to Dover, Mr. McElroy was gardener for Millionaire Tom Lawson, at Dreamwold.

Freeport, Ill. A 260-barrel water tank at the greenhouses of John Bauscher, Jr., collapsed on the evening of Monday, November 6, on account of the breaking of the hoops, and fell from the top of the 60-foot tower, crashing through four greenhouses, ruining thousands of plants and causing a loss of about $2,500. A gang of twenty men was put to work on the following morning, closing up the ends of some of the greenhouses so as to save as much of the stock as possible. Mr. Bauscher, though he feels the loss severely, says he considers it extremely fortunate that no one was injured.

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New Canaan, Conn.—S. B. Hoyt held his third annual opening during the week beginning November 4, at his greenhouses on South Main street.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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This paper is a member of the Chicago Trade Press Association.

SOCIETY OF AMERICAN FLORISTS.

Incorporated by Act of Congress, March 4, 1901.
Officers for 1911: President, George Asmus, Chicago; vice-president, R. Vincent, Jr., White Marsh, Md.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, W. F. Kasting, Buffalo, N. Y.
Officers for 1912: President, R. Vincent, Jr., White Marsh, Md.; vice-president, August Poehlmann, Morton Grove, Ill.; secretary, John Young, Bedford Hills, N. Y.; treasurer, W. F. Kasting, Buffalo, N. Y.
Annual convention, Chicago, Ill., August 20 to 23, 1912.

RESULTS.
We give them. You get them.
We both have them.

This issue of The Review contains 140 pages—the largest Autumn Number thus far issued.

It still takes a really first-class chrysanthemum to beat old Bonnaffon for commercial purposes.

The fall shows do not seem to be starting any conflagrations this year. What can the matter be?

The cold wave was general over the greater part of the United States this week and interrupted the flower business just as it was getting into its autumn stride.

The Pittsburgh Cut Flower Co., Pittsburgh, has issued a handsome booklet entitled "Boxwood Sprays," that tells in text and picture the history of boxwood in America.

Not a few subscribers save themselves the bother of annual renewal by sending The Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

With this issue The Review starts its fifteenth year. Fifteen years is a long time to look ahead, but a short time to look back. For ourselves the publishers ask nothing better than the past has afforded, but it is our hope that The Review's usefulness to the trade may increase as steadily in the next fifteen years as we are told it has in the last fifteen.

It is just as well to remember that, after "the butcher, the baker and the candlestick maker" have charged the housekeeper their prevailing rates for the Thanksgiving dinner, she may not be in a mood to pay fancy prices for flowers for the table. Thanksgiving is like May 30, a day when everybody can use flowers if the prices are within reach. What florists nowadays need is volume of sales and large volume and high prices do not ordinarily go together.

With chrysanthemums early and Thanksgiving late, it looks as though there will be less than the usual supply of mums for the feast day.

CHRYSANTHEMUM SOCIETY.

The examining committees have reported as follows:

New York, November 1, exhibited by Chas. H. Totty, Madison, N. J.: Ramopo, yellow, Japanese incurved, scored commercial scale 87 points; Wm. Turner, white, Japanese incurved, scored commercial scale 93 points, exhibition scale 93 points. Exhibited by A. C. Van Gaasbeck, Orange, N. J.: Seedling No. 1, pink, Japanese, scored commercial scale 85 points.

Chicago, November 4, exhibited by Hartje & Elder, Indianapolis, Ind.: Seedling No. 59, pink pompon, scored 93 points.

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Chicago, November 4, exhibited by Elmer D. Smith & Co., Adrian, Mich., Clea, single, scored 85 points.

St. Louis, November 9, exhibited by Elmer D. Smith & Co., Manhattan, light pink, Japanese, scored commercial scale 86 points, exhibition scale 83 points.

Charles W. Johnson, Sec'y.

CHICAGO.

The Great Central Market.

As last week progressed the temperature advanced steadily, Saturday being the warmest November day in the history of the weather bureau, followed by the coldest day of the season, an unprecedented drop of 61 degrees within sixteen hours. Both extremes, of course, were bad for the flower business.

The heat wave, accompanied by more sun than has been the rule in recent weeks, accelerated the production of flowers and caused the quality to deteriorate. A large volume of sales, at declining prices, did not serve to move the receipts and before the weather changed there was an embarrassing accumulation of stock, a large part of which was of none too good quality. The severe cold snap curtailed the cuts, but it also cut off a considerable portion of the local demand, there being few buyers out Sunday, so that the load was not materially lightened.

Last week for the first time this season the chrysanthemum became something of a problem. Mums have made no specially high prices this season, but the good stock made an excellent average up to last week, especially the latter part. It was Bonnaffon week, this favorite sort coming in with a rush. Chadwicks in both colors also were abundant and fine, with well finished Eaton to keep them company. The supply was so large it was impossible to clean up even at concessions in prices that made a decidedly poor market for the less well liked varieties and the indifferently grown stock. Diana, the queen of the pompons, also came in so heavily that the price fell one-third, and other small varieties suffered worse. The fear is expressed that the mums were pushed along so far that few will be left for Thanksgiving.

Roses were in heavy crop when the summer days came and the wholesalers' cold rooms were full of them Saturday night—all but Beauties; there were not enough of them to cause trouble at any

Now Booking Orders for
THANKSGIVING
A Big Supply of Fine Stock

There will be no shortage here of Thanksgiving flowers. We never have been so well equipped as this year to take care of increased demand. Not only is our supply larger than ever, but the quality throughout is the very best.

Buyers should bear in mind that our prices are not higher than others ask for the same quality of stock, if they have it. While we are strong on the "special" grade, by far the greater part of our supply is "select," and we can do as well for the buyers who use medium-priced stock as we can for those who want only the longest stems.

Pink - KILLARNEYS - White

Buyers who know the market recognize that, length for length, our Killarneys carry the finest heads of any roses to be had. We are now cutting crops that will increase from day to day for the next two weeks, giving the heaviest cut just in time for Thanksgiving. We want to book the orders of buyers who can use choice Killarneys in quantity.

VIOLETS

We handle the cream of the doubles—the "specials" now offered here are quite in a class by themselves. Also can supply fancy, fragrant singles. Can supply any quantity for Thanksgiving. Place orders now.

CARNATIONS

Our Carnations are coming in heavily, and the quality is right up to the high standard that has made our stock noted for its superior shipping qualities.

CHRYSANTHEMUMS

We hear it said by many growers that they will be cut out of Mums before Thanksgiving. Not so with us. Order here and be safe. We shall have from 20,000 to 25,000 for Thanksgiving week—the largest supply we ever have had. All the best late varieties.

BEAUTIES

We are cutting steadily and the quality is fine. Local demand takes whatever out-of-town buyers have not asked for, so order early.

ORCHIDS

There are no finer Cattleyas than those we are handling in quantity. Order of us and you will be delighted with the stock.

Order VALLEY of Us

If you have had any difficulty getting your Valley orders filled, it was because you didn't order of us. Always plenty of Fancy Valley here.

HEADQUARTERS FOR EASTER LILIES

We always have Easter Lilies, every day in the year, and the finest there are—home grown—they go out in perfect condition.

THANKSGIVING PRICE LIST

ORCHIDS, Cattleyas..per doz.,	$6.00 @ $7.50
AMERICAN BEAUTY	**Per doz.**
Extra long stems	$5 00
Stems 30 inches	4.00
Stems 24 inches	3.00
Stems 20 inches	2.50
Stems 16 inches	2.00
Stems 12 inches	1.50
Short.....per 100,	$8.00@$10.00

ROSES	Per 100
White Killarney, special	$10.00
" " select	$6.00 @ 8.00
" " seconds	3.00 @ 4.00
Killarney, special	10.00
" select	6.00 @ 8.00
" seconds	3.00 @ 4.00
My Maryland, special	10.00
" " select	6.00 @ 8.00
" " seconds	3.00 @ 4.00
Richmond, special	10.00
" select	6.00 @ 8.00
" seconds	3.00 @ 4.00
Mrs. Aaron Ward, select	6.00 @ 8.00
" " " seconds	3.00 @ 4.00

Extra special roses billed according to value.

CARNATIONS	Per 100
Fancy	$4.00 @ $5.00
Common	2.00 @ 3.00

CHRYSANTHEMUMS	Per doz.
Special fancy	$4.00
Large and fancy	$2.50 @ 3.00
Medium	1.50 @ 2.00
Small.....per 100,	$8.00 @ $10.00
Pompons...bunch,	.50 @ .75

MISCELLANEOUS	Per 100
Violets, double	$1.00 @ $ 1.25
" single	1.00
Easter Lilies.....per doz.,	$1.50 12.50
Valley, select	3.00
" special	4.00
Sweet Peas	.75 @ 1.00
Paper Whites	3.00 @ 4.00
Daisies	.75 @ 1.00

DECORATIVE	
Asparagus Plumosus..per string,	.50 @ .75
Asparagus Plumosus..per bunch,	.35 @ .50
Asparagus Sprengeri.. "	.25 @ .50
Adiantum, fancy, long ...per 100,	1.00 @ 1.25
Smilax .....per doz.,	$1.50 12.00
Mexican Ivy .....per 1000,	6.00 .75
Ferns..... "	2.00 .25
Galax..... "	1.50 .15
Leucothoe	.75

Subject to market changes.

Store open from 7 a. m. to 6 p. m. Sundays and holidays closed at noon.

E. C. AMLING CO.

The Largest and Best Equipped Wholesale Cut Flower House in Chicago

68-70 E. Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central.

Studebaker

DELIVERY WAGONS

Are Made in Many Styles Particularly Adapted to Your Business.

Our catalogues and prices will interest you and help you make your selection.

DO YOU WANT THEM?

THE STUDEBAKER CORPORATION

SOUTH BEND, IND.

Advr. No. 1514.



Mention The Review when you write



SPLIT CARNATIONS

Quickly, easily and cheaply mended. No tools required.

Pillsbury Carnation Staple

Patented 1908.

2000 for $1.00 postpaid.

I. L. PILLSBURY

GALESBURG, ILL.

Mention The Review when you write.

Joseph Straus

is now with the

MERCHANTS FUR CO.

186 N. La Salle St., Chicago.

And pleased to serve his Florist Friends.

Mention The Review when you write.

time and medium and short were scarce when all else was plentiful. The heat softened the roses, but the quality, otherwise, still is improving. One can get all the roses he wants with four-foot stems, and the price, in proportion to quality, really is lower than for the shorts, which, relatively, are scarce. With full crops on at the middle of the month, no great quantities are expected for Thanksgiving, but growers feel sanguine as to Christmas.

Carnations showed the effect of the heat perhaps more than any other flower. With the temperature suddenly carried above 60 degrees all night and 74 degrees in the shade by day, the damage would have been great if the heat wave had not ended quickly. Strictly first-class carnations became scarce in the face of an oversupply of low grade stock.

Violets, both single and double, were good, but slow sale. Sweet peas have come in moderate quantity. Cattleyas continue plentiful and there are liberal supplies of oncidiums, vandas, etc., all fine. Valley is abundant. Lilies cut little figure, but callas are arriving. A few Paper Whites are seen, also mignonette, antirrhinum and a little stevia. All greens are plentiful.

Receipts were not so heavy Monday, November 13, but city trade was dead, as it always is after a bad Sunday following a pleasant Saturday. Shipping trade was fair, but could not consume the stock on hand, some of which was no longer in condition to ship. The market scarcely will regain its equilibrium until there have been several days of settled weather.

Ferns are reported as not keeping well, and some of the stock that has arrived in the last few days seems to confirm the statement. The price, which was advanced the first of the month in the east and which will go up another notch December 1, has been advanced by many of the wholesalers. At $1.50 there was not enough margin to cover waste. Ferns are not the profitable item they once were.

Various Notes.

J. F. Czarnich, who has a store at 1514 West Chicago avenue, has taken a lease of the one at Ashland avenue and Van Buren street, formerly conducted by H. W. Metz. The fixtures now are the property of the landlord. Some small claims are outstanding.

A. L. Randall Co. has consolidated the bookkeeping office with the sales office, locating both at the rear of the second floor of the building, adjoining the florists' supplies.

The George Wittbold Co. now operates four motor cars, besides numerous wagons, in its delivery department and has a runabout for the estimators, decorators, etc.

T. E. Waters, of Poehlmann Bros. Co., spent two days at the St. Louis flower show last week.

Kyle & Foerster have a consignor who has a fine yellow sport of George S. Kalb. Having sold the cut flowers, they are now placing the stock plants.

Vaughan & Sperry report a large business on natural green sheet moss. Sphagnum is scarce.

Paul M. Bryant, secretary of the E. H. Hunt corporation, spent a couple of days at Milwaukee, Wis., his old home, last week, on personal business.

Mrs. F. Beu has concentrated her

WEILAND & RISCH

WHOLESALE GROWERS AND SHIPPERS

SHIPMENTS EVERYWHERE — CUT FLOWERS — IMMEDIATE DELIVERIES

154 NO. WABASH AVE CHICAGO

PHONE CENTRAL 879

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per Doz.
Extra long stems	$4.00
36-inch stems	3.50
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
18-inch stems	1.50
15-inch stems	1.25
12-inch stems	1.00

ROSES	Per 100
Killarney—Special	$ 8.00
Select	6.00
Medium	5.00
Short	4.00
White Killarney—Special.	8.00
Select	6.00
Medium	5.00
Short	4.00
Richmond—Special	8.00
Select	6.00
Medium	5.00
Short	4.00
Antoine Rivoire—	
Special	15.00
Select	12 00
Medium	8.00
Short	5.00
Melody—Special	10.00
Select	8.00
Medium	6.00
Short	5.00
My Maryland—Special	8.00
Select	6.00
Medium	5.00
Short	4.00

MISCELLANEOUS	
Carnations, Fancy	3.50
Select	3.00
Medium	2.00
Gardenias ..doz., $4.00 @	6.00
Orchids—	
Cattleyas, doz., 5.00 @	7.00
Easter Lilies, Medium	10.00
Long	12.50
Lily of the Valley, $3.00 @	4.00
Violets, Double .60 @	.75
Single .50 @	.75
Daisies, W. and Y. 1.00 @	1.50
Sweet Peas 1.00 @	1.50
Mignonette 4.00 @	6.00
Chrysanthemums—Yellow, white, pink..doz., $1.50 @	3.00
Pompons..bunch, .35 @	.50

DECORATIVE	
Smilax—	
Strings, 100, $12.50; doz., $1.75	
Sprengeri, large bunch, ea.,	40c
Asparagus, large bunch, ea.,	40c
Large string ...ea., 50c @	60c
Mexican Ivy, 1000, $6.00; 100,	75c
Adiantum, fine, 100, $0.75 @	$1.25
Galax 1000, $1.50; 100,	20c
Ferns.....1000, 1.50; 100,	20c

Quotations subject to change without notice.

Store open from 7 a. m. to 6 p. m. Sundays and holidays closed at noon.

Weiland & Risch

154 N. Wabash Avenue

CHICAGO

Now Booking Orders For Thanksgiving

Anything and Everything in CUT FLOWERS

Beauties—Roses—Mums

of Extra Good Quality.

CARNATIONS IN ALL VARIETIES

which for quality excel any other stock seen on this market to date.

BOUVARDIA

White and Pink, fancy, just the thing to top off your wedding bouquets.

VALLEY

Our Blue Ribbon Valley is extra fine, long stock. Fresh cut every day.

YOU MAKE NO MISTAKE ORDERING DIRECT FROM THE GROWER.

Valley
Harrisii
Bouvardia
Daisies
Sweet Peas

J. A. BUDLONG

82-86 E. Randolph Street, CHICAGO.

ROSES, VALLEY and CARNATIONS A Specialty

WHOLESALE GROWER of **CUT FLOWERS**

Sprengeri
Plumosus
Smilax
Adiantum
Ferns

Mention The Review when you write.

ROSES For Thanksgiving

Our stock includes all grades, extra long fancy, also short, but the largest part of our supply is the **medium** long grade, the kind the out-of-town buyers require in **quantity.** We can handle a big business. **Killarney, White Killarney, Maryland, Richmond, Bride, Bridesmaid, Beauties and the Novelties.**

CARNATIONS AND MUMS

We shall have a good crop of all the best varieties of Carnations and a large supply of the fine late Mums, including Pompons. **Violets,** both single and double, **Lilies, Valley, etc.**

HEADQUARTERS FOR ALL GREEN GOODS——BRONZE GALAX IN QUANTITY.
Personal Attention to Every Order. We WORK to Please.

ZECH & MANN, WHOLESALE FLORISTS L. D. Phone, Central 3284 162 N. Wabash Ave. Chicago

Mention The Review when you write.

selling at 82 to 86 East Randolph street, the J. A. Budlong floor.

Kennicott Bros. Co. reports a shipment of 1,000 fancy mums to a Texas point for J. W. Shrader, of Mattoon, Ill., who was called to Texas to put up a wedding decoration, using mostly stock of his own growing.

Robert Northam, at George Reinberg's city salesroom, says he figures on large supplies, moderate prices and good business, at least until after New Year's.

N. J. Wietor has been reading the show reports and comments that while the Australian varieties appear to take the mum prizes, the American sorts, in his experience, are the ones that get the money.

Mrs. L. H. Winterson has been critically ill in a hospital for some weeks, but is now at home again. An operation for appendicitis will be necessary.

It is the current belief that green galax will not keep in cold storge, but Zech & Mann have just taken out a case in perfect condition after nine months. The shipper mixed it in with the bronze by mistake.

Miss Gertrude Wallace, office assistant at the Chicago Flower Growers' Association, has been ill with pleurisy for over two weeks, which accounts for letters in the well-known handwriting of Otto W. Frese.

A novel feature of Frank Oechslin's new houses is placing the boiler in a deep pit at one end of the largest house, building a floor above the boiler and using the entire space for plants on benches. Of course the stack rises through the center, but the work is so well done that the space above the boiler is only a few degrees warmer than the rest of the house. Stock of all kinds was in fine shape and gives evidence of being just right for the holidays.

Sinner Bros., whose range now contains fifteen houses, are planning the early rebuilding of four of the oldest of them.

White cut flower and plant baskets, with a wreath of ribbons and roses in relief on the sides, the latter hand-painted in the proper delicate tints, are much in demand with the Raedlein Basket Co. Mrs. Kindler says the great trouble is that many florists wait till the last minute before ordering, where-

Our Leaders For Thanksgiving Are

MUMS THE BEST RICHMONDS

Also can supply fine Beauties and all other stock in season. Why not give us a share of your orders? We know we can please you.

Batavia Greenhouse Co.

Greenhouses: Batavia, Ill. L. D. Phone 2995 Randolph Store: 30 E. Randolph St., CHICAGO

Mention The Review when you write.

as they would receive better attention and satisfaction by making their wants known some time before the baskets were needed.

The many friends of Joe Straus will regret his leaving the trade. November 13 he started in the fur business on his own account at 186 North La Salle street.

One of the yellow journals on Sunday had a story about "a rich florist" being sued because his automobile knocked down a woman as she was alighting from a street car September 19. The reporter missed the fact that it was the president of the S. A. F.

Most of the growers lost some glass in the big blow on the night of November 11, but so far as heard from John Evert was the heaviest loser. The end of a mum house was broken down by the force of the gale and most of the stock, just ready to cut, was frozen. The loss is put at $500. Miss Ida Evert is selling the family output at the store of the Batavia Greenhouse Co.

Winterson's Seed Store received a refrigerator car load of Boston and Whitmani ferns November 14.

The florist bowlers have entered in the City Bowling Tournament with two teams of five, three pairs and five individuals. They expect to roll December 1.

A. Miller, of Henderson & Co., was at home over Sunday and Monday after a successful trip through Ohio.

Charles Zapfe, who has been right-hand man for Phil Schupp, at J. A. Budlong's, for a number of years, has started in business for himself, opening a retail store at 372 East Sixty-first street.

Weiland & Risch are cutting the first crop in the house of gardenias they are trying this season and feel satisfied the venture will prove profitable.

Peter Reinberg, whose store and greenhouse staffs are so competent that business cares sit lightly, is afield with dog and gun these days. Mayor Harrison is his companion this week.

E. F. Winterson was one of the St. Louis visitors last week.

Fred Klingel, who looks after the bookkeeping end for John Kruchten, is doing a term of jury service.

A. C. Kohlbrand, of the E. C. Amling Co., is organizing a party to go to the Milwaukee show Saturday evening, leaving on the six o'clock train. The Milwaukee boys will entertain that night.

A. T. Pyfer and Peter Olsem, of the Chicago Carnation Co., went to Cincin-

Florists

QUICK SERVICE besides style and up-to-date methods of delivery will please your patrons and add to your assets in good-will, quite as much as the quality of your products. But your net profits will also be larger from the unquestioned economy of operating and maintaining one or more



International Commercial Cars

The International makes two to four trips while the horse-drawn vehicle is making one. The man who uses an International goes whenever and wherever he pleases, regardless of road or weather conditions. Considering the matter carefully from every point of view, you will find that an International Commercial Car will enable you to attain the greatest profit from your possibilities. Get all the facts—read what the International is doing for business men all over—actual facts and figures, not theories. Send for catalogue and full information.

INTERNATIONAL HARVESTER COMPANY OF AMERICA
(INCORPORATED)
77 Harvester Building Chicago U S A

BULLETIN No. 9

THE combination of quality and low price is unusual, and therefore attracts attention anywhere. Before placing your Christmas order for Baskets, try our special $25.00 assortment of new and original Ivory-tone finish Baskets; they are mostly all fitted with tin liners, to be used for plants and others for cut flowers. Our Ivory-tone finish Baskets have that refined look about them which the ordinary baskets do not have, and cost no more. Our guarantee goes with this offer, which is: If not satisfactory, return them at our expense.

JOS. G. NEIDINGER, MANUFACTURER and IMPORTER of FLORISTS' SUPPLIES 1513-15 GERMANTOWN AVENUE, **PHILADELPHIA, PA.**

Mention The Review when you write.

nati Monday night to stage exhibits. They will be at Milwaukee with flowers November 16.

C. W. McKellar reports the arrival of the first cypripediums last week.

F. C. Hoerber is one of those who believe that the daily newspaper advertising the retailers are doing will broaden the flower business greatly, causing many new people to become flower buyers.

H. Van Gelder says out-of-town buyers are already placing orders for Christmas.

Bassett & Washburn say their mums are about two weeks earlier this year than usual. They will be all cut within another week, which will leave them without this item for Thanksgiving for the first time on record. However, Mr. Washburn says mums have done well this season and will not be missed, as Beauties and roses are just coming into crop.

The Geo. M. Garland Co., of Des Plaines, believes a record for speed was made last week when it constructed and shipped the material in three and one-half days for three houses, each 34x300, and a lean-to, all of truss, iron-frame construction, for Chas. Frueh & Sons, Saginaw, Mich.

T. B. Gray, of the Geo. M. Garland Co., and Miss Ida Poyer, both of Des Plaines, surprised their friends by getting married November 1, fully a month earlier than was expected by anyone excepting their most intimate friends and relatives. Mr. and Mrs. Gray will reside in Des Plaines.

The A. Dietsch Co. reports business this year running away ahead of the previous records.

H. N. Bruns says the quality of the valley pips he has just received is so good that he paid a slight premium for them. He is hoping that the shipments still to come will equal the first arrivals.

Sol Garland, of Des Plaines, says the work he has done on the range of the Des Plaines Violet Co. rather delayed planting in his own houses. Nevertheless, stock appeared to be in good shape and he is now getting a fairly heavy cut of both mums and carnations. He has added one new house, 27x200, and has nearly completed the piping in the violet houses, which are being temporarily heated by oil stoves.

Nic Becker, vegetable grower, near Niles Center, has installed a new Superior return flue, firebox boiler.

A new sign proclaims "Meals at All Hours" at the restaurant at Wittbold's Edgebrook greenhouses. The management of the restaurant is now in the hands of parties who have leased the fixtures and rights from Otto Wittbold, who is thus relieved of all except the collection of the rent. Mr. Wittbold

WESTERN HEADQUARTERS

ORCHIDS

Chas. W. McKellar, 162 N. Wabash Avenue, CHICAGO

Thanksgiving Prices

ORCHIDS

Cattleyas, pinkish lavender	Per doz.,	$5.00 @	$ 7.50
Cypripediums	"		2.00
Vandas, pale lavender	"		3.00
Dendrobium Formosum, white	"	5.00 @	6.00
Dendrobium Phalaenopsis, pink sprays	per 100,		15.00
Oncidium, yellow	"	3.00 @	5.00
Boxes assorted Orchids, $5.00 and up.			
AMERICAN BEAUTY—Specials	Per doz.,		5.00
36-inch	"		4.00
30-inch	"		3.00
20 to 24-inch	"		2.50
15 to 18-inch	"		2.00
Shorter	"	1.00 @	1.50
Killarney	Per 100,	4.00 @	8.00
White Killarney	"	4.00 @	8.00
My Maryland	"	4.00 @	8.00
Richmond	"	4.00 @	8.00
Mrs. Field	"	4.00 @	8.00
ROSES, our selection	"		4.00
" extra special, select	"	10.00 @	12.50

CARNATIONS

Select	Per 100,	2.00 @	3.00
Fancy	"	4.00 @	5.00
Extra fancy			6.00

MISCELLANEOUS STOCK

Gardenias	Per doz.,	4.00 @	6.00
Valley	Per 100,	3.00 @	4.00
Easter Lilies	"	10.00 @	12.50
Chrysanthemums	Per doz.,	1.50 @	3.00
" extra fancy	Per doz.,		4.00
" Pompons	Per bunch,	.50 @	1.00
Violets, double			1.00
" single		.75 @	1.00
Sweet Peas		.75 @	1.25
Paper Whites		3.00 @	4.00

DECORATIVE

Asparagus Plumosus	Per string,	.50 @	.60
Asparagus Plumosus	Per bunch,	.35 @	.50
Asparagus Sprengeri	"	.25 @	.50
Adiantum	Per 100,	.75 @	1.00
Farleyense	"	10.00 @	12.00
Smilax	Per doz.,	$1.50	
Mexican Ivy	Per 1000,	6.00	.75
Ferns	"	1.50	.20
Galax, green	Per 1000,		1.25
" bronze	"		1.50
Leucothoe	Per 100,		.75
Wild Smilax	Per case,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Subject to market changes

ORCHIDS—SPECIAL

We have an unusually large and fine supply of that splendid white orchid, Dendrobium Formosum. In full crop for Thanksgiving.

CHAS. W. McKELLAR

162 N. Wabash Avenue, CHICAGO

Mention The Review when you write.

White Lilac

We are now receiving our first cut of this flower and will have it in fine quality through the season.

Violets

Finest Hudson River stock. Place a regular order for these.

Beauties

If you buy these it will pay you to read our ad on another page.

Boxwood

Headquarters—nuf ced.

McCALLUM CO.

PITTSBURGH CLEVELAND

Mention The Review when you write.

expects to follow the same plan with the new rooming house when it is completed. The blacksmith will also be put on an independent footing, leaving Otto Wittbold free to devote his entire attention to the greenhouses and nurseries.

Frank Johnson, sales manager for the A. L. Randall Co., is serving on jury.

Visitors: Paul M. Palez, Little Rock, Ark.; Charles Fuhlbruegge, formerly of Minneapolis, but now of Kansas City; John Breitmeyer and Herman Klagge, sons of well known florists at Mt. Clemens.

CLEVELAND.

The Market.

The conditions in this market last week were only fair, owing to the warm weather. Extra good stock of all kinds has sold readily, but the abundance of inferior stock has caused this grade to move slowly.

The severe cold snap which struck Cleveland November 12 will certainly have a tendency to shorten up stock and clear the market of the glut of poor mums and second-grade roses. Carnations are about equal to the demand. Violets took a jump from 60 cents to $1 per hundred, but the quality has improved accordingly.

Various Notes.

Herman Knoble, senior member of the west side firm of Knoble Bros., celebrated his thirty-first birthday November 9. Knoble, Jr., arrived the same day, weight eight pounds.

The Cleveland Florists' Exchange is receiving some excellent Beauties and Killarneys from L. L. Lamborn, Alliance, O.

L. F. Darnell, of the J. M. Gasser Co., had a window of mums last week that attracted large crowds.

The Florists' Club, at the meeting November 13, unanimously indorsed Adam Graham for the position of superintendent of parks.

Frank M. Smith has returned from his new home in Los Angeles to take personal charge of several large weddings that the Smith & Fetters Co. has booked for early December.'

A. F. Longren, of E. H. Hunt, Chicago, stopped on his way to the Cincinnati show. F. A. F.

PITTSBURGH, PA.

The Market.

Trade conditions are not what one would like, as business does not have the proper life in it and retailers are complaining a good deal. There have been numerous banquets and social affairs, but general business, which is more important, has been sluggish.

The wholesale houses are receiving some fine stock of all kinds, but it requires effort to get rid of it.

Club Meeting.

The Florists' Club met Tuesday evening, November 7, in the Dutch room at the Fort Pitt hotel. It was chrysanthemum night and that always brings a crowd. It was expected that Chas. H. Totty, of Madison, N. J., would be the guest of the club, but he was prevented from being present by more urgent business engagements. However, he sent an exhibit of fourteen varieties of chrysanthemums, all of them good sorts that were highly commended by the club.

W. A. Morton, an amateur, showed a fine vase of the popular varieties, grown in a small house in which he has a little of everything.

C. Goodwin & Sons, Woodville, had an exhibit that was exceptionally fine.

Homewood Cemetery showed a fine lot of pot plants with four flowers to the plant, which were well done; also a vase of good cut blooms.

Walter James, gardener for Mr. Hilliard, had a fine vase of seven varieties that deserved praise.

The Department of Public Parks had an especially fine show of many good varieties.

C. Phillips, gardener for H. J. Heinz, was a new exhibitor, showing some fine stock. He has been giving the public the benefit of his skill, as Mr. Heinz insists on allowing all flower lovers the privilege of his houses.

Chas. Weisenbach, gardener for Mrs. Parks, had a show of pot mums and Celosia Pride of Castle Gould.

Thos. Jenkins, gardener for A. R. Peacock, had a big exhibit, including some thirteen varieties.

The Pittsburgh Cut Flower Co. made a good showing with stock from its Bakerstown greenhouses.

Randolph & McClements were on hand with their usual exhibit of fine commercial varieties of good flowers, well grown.

Taking it all in all, it was an especially fine flower show and a good meeting.

JUST A WORD ABOUT YOUR

American Beauties

Your customer for these is a discriminative buyer, he appreciates QUALITY, and to get this QUALITY you must concede that ours are all that can be desired. Our **Pittsburgh** store handles eastern stock and the **Cleveland** store handles INDIANA stock.

These Beauty specialists are the quality growers of the East and West respectively.

Boxwood

Another thing we are headquarters for. We guarantee the best quality at prices below what others ask for ordinary stuff.

Get our prices and increase your profits.

McCALLUM CO.

CLEVELAND — PITTSBURGH

Various Notes.

The Pittsburgh Cut Flower Co. is handling some of the finest single chrysanthemums ever seen in this market and the way they move out shows how they are appreciated.

The private gardeners and the park men who have exhibitions say that the early varieties of chrysanthemums are keeping much better than the later ones now coming into bloom.

Arthur Hall, of the A. W. Smith Co., is confined to his home with an attack of fever.

Randolph & McClements recently had a fine exhibit of Maud Dean with the fancy prepared adiantum and the effect was most striking.

The box of exhibition flowers sent by Nathan Smith to the club, being one day late, was turned over to the Botanical Society. The box contained a lot of good new ones which the boys would have been pleased to see.

A drop of 49 degrees in temperature between Sunday noon and Monday morning, when the thermometer registered 10 degrees above zero, was almost too decided a change.

All of the growers in the Allison Park and Bakerstown section are members of a good roads boosters' club. They met Tuesday evening at Bakerstown. E. C. Ludwig and T. P. Langhans are also members of this club.

The A. W. Smith Co. made some effective orchid displays last week.

Hoo-Hoo.

Delavan, Ill.—N. O. Caswell lost considerable glass by hail November 11. A cyclone that crossed the town missed the greenhouses.

MUMS

Ready. We are headquarters, as usual.
Let your orders come.

Growers, attention! Why not sell your own stock? We have the finest location in the Chicago market and space enough to accommodate several growers selling their own stock.

PERCY JONES

56 East Randolph Street, CHICAGO

Mention The Review when you write

BUFFALO.

The Market.

The beautiful Indian summer that we have enjoyed the last few weeks was broken Sunday, November 12, by a gale which lasted two days and brought cold weather and snow. The wind reached a velocity of eighty miles an hour and the temperature dropped 30 degrees in less than five hours. This has been a most remarkable autumn and the records are given out as showing the mildest October on record. There were nine clear days, ten partly cloudy and twelve cloudy during the month, the mean temperature for the month being 51.2 degrees.

As a result of the mildness and bright days, stock is much in advance of the usual time and we are now cutting varieties which are two weeks early. Roses, carnations and lilies continue plentiful, which, with the lack of a brisk business, makes rather a crowded condition.

Various Notes.

Mrs. Johnson, nee Miss Rebstock, has sold out her business and will retire at once. Mr. and Mrs. Johnson will

It Means Something to You

When you start an order for cut flowers, it certainly must be a source of satisfaction for you to know that the order will be filled at the right price, with promptness and care.

That feeling of satisfaction you will soon acquire if you deal with us. We have the entire confidence of our trade, and we can also gain yours. For reliable, uniformly good service, you can not do any better.

White Lilac

A steady supply every day all through the season. Our grower is an expert in his line, and devotes his entire place and efforts to the growing of Lilac.

You can't beat it for quality. When you want Lilac, just remember we can fill your order, if it's a bunch or a hundred of them.

Price, $1.25 per bunch.

The Leo Niessen Co.

WHOLESALE FLORISTS
N. W. cor. 12th and Race Sts., PHILADELPHIA, PA.
Open from 7 a. m. to 8 p. m.

Mention The Review when you write

leave for the south shortly, to spend the winter catching alligators in sunny Florida. The business was purchased by Buffalo people who were not connected with the trade heretofore. With the retirement of Mrs. Johnson, Buffalo loses one of the squarest and best persons ever connected with the florist trade. She made many friends and I can safely say, in voicing the sentiments of the local florists, that she has the best wishes for success and happiness in the new relationship and that her connection with the florists will always be remembered as a happy one.

Owing to the failure of the Florists' Club to have a show this year, the South park and Delaware park greenhouses have given the people the benefit of their preparations and held a show at their respective places. Many fine specimens were shown in pot plants and seedling pompons. R. A. S.

PHILADELPHIA.

The Rising Eastern Market.

The week ending with mid-November was divided into distinct halves, exact opposites of each other. The first half was summery, the second wintry, with a terrific storm between them, November 12. That day the temperature dropped an incredibly large number of degrees in an exceedingly brief space of time. The wind and rain that accompanied the change caused much damage. The effect of the cold, despite sunshine, has been to shorten the supply of flowers. Business improved during the warm weather. Since its departure, prices have become steadier and in some instances they have advanced. The general tone is decidedly better than one week ago. It looks as though the season is opening in earnest. Chrysanthemums have passed from the midseason to the late varieties. Only a few of the latter have yet to appear. Bonnaffon is at its best. So, too, are both Chadwicks, Maud Dean and Dr. Enguehard, with several others named before, and some of lesser note. Prices show little change. Pompons are fine and plentiful, but hardly buoyant. Yellow and white are best. Pink often lags. Beauty is the only rose to rank with the autumn queen. Fancy Beauties have advanced in price. So have pink roses of first quality, for well colored pink of any variety is in demand. Choice carnations are firmer. Here, too, the gulf between fancy and ordinary is widening. Bouvardia is more abundant, chiefly in pink and red. Lavender has been added to pink and white in sweet peas. Cattleyas have gone up, while dendrobiums, cypripediums, vandas and oncidiums can all be had in numbers. Lilies and callas are on the back track. Violets, though reinforced from the Hudson river, are as scarce and active as a week ago. Valley is brisk; gardenias ditto, and a few greens in more favor than for some time past.

The prospect for Thanksgiving is thought to be excellent.

PRINCETON

We will have a large supply of this beautiful new glowing pink rose, unique in its color, admired by everyone who sees it.

PRINCETON proved the greatest novelty rose last season, attracting admiration wherever seen.

May we have your regular or special orders for **PRINCETON** during the coming season?

FANCY MUMS

A splendid stock of the best mid-season and late varieties at lowest market prices. We can fill your order by the dozen, by the hundred, or by the opportunity; may we have the opportunity?

All the **BEST CUT FLOWERS** in the market.

BERGER BROS.

Wholesale Florists

140-142 North 13th Street, Philadelphia, Pa.

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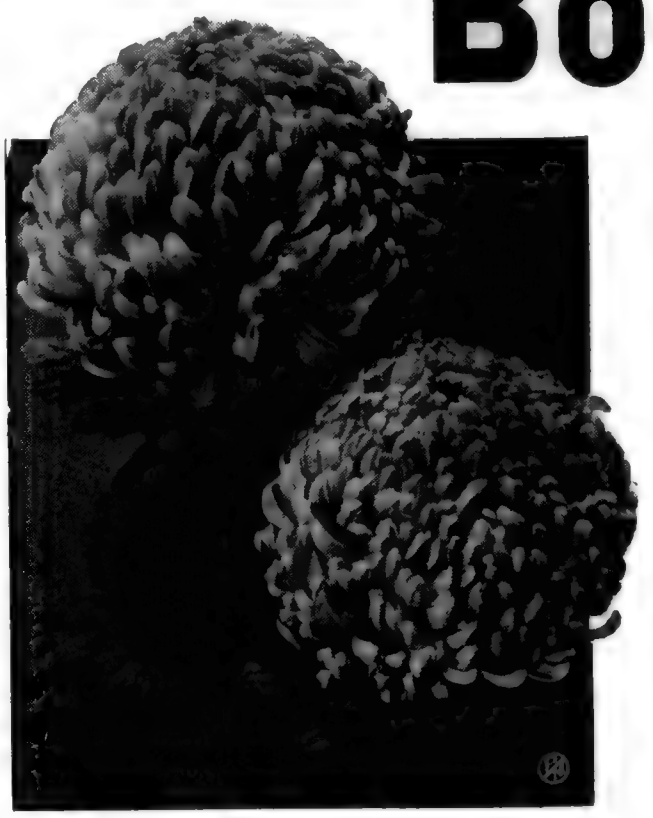
Revival of the Corsage.

Charles Henry Fox is devoting his window this week to suggestions for corsage bouquets for the theater. The idea is brought out by pictures from "The Trail of the Lonesome Pine," now running at one of the theaters. Pine trees form the background. Pine cones, too, are there, with the daintiest of corsage bunches: violets and gardenias for the theater and orchids and valley for box parties. Then, too, there is a violet special; also violet delivery boxes to enhance the beauty of the flowers, a rich effect.

The Cabinet.

President Thilow has selected his official family: David Rust, secretary of state; George Craig, secretary of the treasury; Frederick Hahman, secretary of the interior; Robert Craig, secretary

Bonnaffon



With all its sterling qualities, today it is still the best all-round commercial yellow, and for this reason our growers have gone into it very heavily this season and are producing some of the most magnificent stock ever marketed. Plenty of the medium ones, too.

Two grades, one of very good quality at **$12.50 to $15.00 per 100,** and one of the very choicest quality at **$20.00 to $25.00 per 100.**

Then we have an unlimited supply of other varieties, all colors and qualities, from the medium stems at **$6.00 to $8.00 per 100,** with a good grade at **$12.00 to $15.00 per 100,** to the choicest, at **$20.00 to $25.00 per 100,** including the two Eatons, Dear Friend, light and dark Chadwick, both golden and white Jerome Jones, Dean, White Bonnaffon and others.

A choice lot of Pompons, including the newer varieties, plenty of yellows, so effective for decoration work, **$3.00 per dozen bunches.**

Contracts made for the season on **PLUMOSUS,** strings or bunches; very choice stock.

BOXWOOD, $7.50 per 50 lbs.

Distributing agents for the great new roses for 1912, **DOUBLE WHITE KILLARNEY** and **KILLARNEY QUEEN** (the Budlong strain). Grafted, **$250.00 per 1000;** Own Root, **$200.00 per 1000.**

RIBBONS AND SUPPLIES—Many new patterns in exclusive ribbons. Write us for prices on these and on supplies.

PM QUALITY

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF PHILADELPHIA

PHILADELPHIA 1608-1620 Ludlow Street

NEW YORK 109 West 28th Street

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CHRYSANTHEMUMS

Pink, White and Yellow.

LILIES—FANCY CARNATIONS—VIOLETS

and then—

OUR OWN ROSE STOCK, VALLEY and ORCHIDS.

Philadelphia Cut Flower Co., 1517 Sansom Street, Philadelphia, Pa.

OPEN UNTIL 8 P. M.

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of horticulture; Arthur A. Niessen, postmaster-general; Henry F. Michell, commissioner of immigration; George Anderson, commissioner of recreation; Robert Kift, secretary of exhibits. Each has the support of strong associates. The selection of Messrs. Hahman and Niessen are the surprises. Both are looked upon with great favor by those best qualified to judge, while the cabinet as a whole is regarded as strong. Regular meetings will be held the first Tuesday of every month.

Various Notes.

An eminent plantsman assures me that the mere sight of a house of araucarias brings vividly before him the name and face of Godfrey Aschmann.

George Burton, the successful Beauty grower of Wyndmoor, Pa., is experimenting with some of the other roses, including Melody, Mrs. Aaron Ward, My Maryland and the three Killarneys —Killarney, Double Killarney and White Killarney. Killarney, grown cool, is a wonderfully fine sight.

The Rev. Francis Heyl addressed the Germantown Horticultural Society on "A Summer in Mount Pocono," at the chrysanthemum meeting held in the boys' parlor of the association on the evening of November 13.

Adolph Muller, of Norristown, Pa., asserts that My Maryland is one of the best outdoor roses, an assertion that is supported by no less an authority than George Redles.

Two notable commercial exhibits at the flower show last week were the white lilac of W. F. La Croix, Buena, N. J., and the orchids of Alphonse Pericat, Collingdale, Pa.

H. Bayersdorfer & Co. report heavy imports, 243, 419 and 418 cases for them on successive steamers just arrived.

D. T. Connor goes to Chicago this week to arrange for opening the Philadelphia branch of the Foley Mfg. Co.

Visitors to the flower show in this city last week: Alexander Montgomery, Natick, Mass.; Robert Montgomery, South Hadley, Mass.; William

Nicholson, Framingham, Mass.; Patrick O'Mara, New York; John Donaldson, Elmhurst, N. Y.; the Heck brothers, Frank Shearer and Mrs. Shearer, Wyomissing, Pa.; J. Murray Bassett, Hammonton, N. J.; Louis J. Reuter, Westerly, R. I.; William Swayne, Kennett, Pa.; Daniel E. Gorman, Williamsport, Pa.; Ernest Ashley and Mrs. Ashley, Allentown, Pa.

Charles Zimmer, West Collingswood, N. J., lost one greenhouse in the violent storm the night of November 12. The house was blown down and the contents, callas and stevia, were frozen in the cold that followed, a serious and most unfortunate loss.

Fred Ehret has the reputation of being an excellent judge of the flower market.

Lost—A day, by G. C. Watson, last week. The finder will receive a liberal reward by returning to Edward Reid, 1619 Ranstead street.

Of all the aspirants for civic fame in the floral world, only Raymond Kester is receiving the congratulations of his friends on his election to a position of honor and trust by the citizens of Morton, Delaware county.

Robert Shoch, with M. Rice & Co., has returned from northern New Jersey, with that joyous smile that coins and holds friends everywhere.

Robert Craig will deliver the third of the Michell lectures, November 25, at 3 p. m. Fully 175 persons attended the second lecture, November 13, by Maurice Fuld, on "Hardy Bulbs and Perennials."

Three pleasing varieties of chrysanthemums this week are Golden Wedding, at the handsome new store of Berger Bros., now in good running order, and Golden King, at William J. Baker's, and some magnificent Chadwick at Alfred M. Campbell's. Phil.

BOSTON.

The Market.

Too many mums is still the general report. There is not, however, the overwhelming glut noted in former years. There is a tremendous outpouring of them, but sales are good, although prices which ruled in years gone by are never reached. Bonnaffon is seen in greater numbers than any other variety and is still the most popular commercial sort. Others seen in quantity are President Roosevelt, Mrs. David Syme, Intensity, Shrimpton, Eaton, Jerome Jones, Maud Dean, Nagoya and Mrs. Weeks. Roses have cleaned up well of late, which is unusual while the mum season is at its flood tide. The two Killarneys are now of fine quality. Mrs. Waddell is a popular store sort, and sales of Lady Hillingdon and Mrs. Ward continue excellent. Richmond is coming of much better quality.

Carnations rarely rise above $2 per hundred and may go at half this price or less. Violets are not overplentiful and a little higher in price. Paper White narcissi now are in too heavy supply. Roman hyacinths are also coming from several growers. There are some good antirrhinums. Sweet peas are moving a little better, but valley is overabundant. There is also a good supply of lilies. Pansies from one prominent grower are of superb quality and readily sell at $1 per hundred. Bouvardia Humboldtii is popular and



Holiday Ribbons

Special designs, solid red and green ribbons, all

PINE TREE QUALITIES AND SOLD DIRECT FROM MILL TO FLORIST.

NOTE—We own the complete mill and do not simply control a portion of its product. : : :

Samples and prices will convince you it pays to buy ribbons from the manufacturer.

Post card brings samples.

PINE TREE SILK MILLS CO.
PHILADELPHIA

STOCKS FOR EASTER, 1912

MICHELL'S FLOWER MARKET STOCK

The Best of all Winter Flowering Stocks
Sown now, will be ready for cutting Easter

COLORS:

Pure White, Flesh Pink, Rose Pink, Light Blue, Dark Blue, Blood Red and Mixed.

½ Trade Packet	Trade Packet	¼ Ounce	Ounce
30c	**50c**	**$1.00**	**$3.50**

WRITE FOR CURRENT WHOLESALE CATALOGUE.

See our SPECIAL BULB OFFER, page 29, Nov. 2 issue of The Review.

HENRY F. MICHELL CO.
518 Market Street, Philadelphia, Pa.

THE FLORISTS' SUPPLY HOUSE OF AMERICA

EGYPTIAN BASKETS

gold finish; graceful, dainty metal baskets, appropriate for favors or gifts.

VIOLET FLOWER HOLDERS.—Pretty and useful vases of gold finish, especially adapted for keeping violets fresh.

NOVELTY VASES.—Gold finish, round, with divisions to hold small flowers upright, and a central raised vase supported by slender column.

FANCY LACE BOUQUET HOLDERS

These dainty creations of lace and ribbon, in white, pink and Alice blue, add a stylish finish to your debutante bunches.

CORSAGE LACE HANDKERCHIEFS

for violets and sweet peas; white, pink, lavender, purple, blue; useful and pretty.

Has OUR SILENT SALESMAN called on you? If not, please send for him.

H. BAYERSDORFER & CO., 1129 Arch Street, PHILADELPHIA, PA.

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Each Grower's Goods are Sold Separately

Every sale, large or small, is recorded in triplicate. Advice of sale note sent out day following arrival of goods.

CHECKS WEEKLY

Consignment notes, small box slips and shipping cards FREE.

WRITE US TODAY

Telephone 756 Madison Sq.

MOORE, HENTZ & NASH, 55 West 26th St., N.Y.

No Guess Work in Our Methods

All goods are placed on show at the same time. Having ample space, we are able to do this to great advantage.

Commission charges and other valuable information for the asking.

MOORE, HENTZ & NASH, 55 West 26th St., N.Y.

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some is seen with 24-inch to 36-inch stems.

Gardenias are more abundant and move slowly. Cattleyas continue rather draggy. Oncidiums are abundant; also cypripediums and Dendrobium Phalænopsis. Asparagus Sprengeri is selling well, while plumosus and adiantum each move satisfactorily.

Club Meeting.

There were 125 present at the club meeting November 14. Seven new members were elected. A progressive report was made by the Amherst College committee. Two field days were announced for December. For the sweet pea show $50 was appropriated.

The committee on nominations presented the following slate:

President—Thomas Pegler.
Vice-president—W. J. Kennedy.
Secretary—W. N. Craig.
Treasurer—Peter Fisher.

Executive committee—W. J. Patterson, P. M. Miller, A. E. Thatcher, H. H. Bartsch, W. Robb, Wm. Sim, A. Christensen, P. J. Van Baarda, W. McGillivray.

An interesting paper was read by Christian Van Der Voet, the title being: "Are Americans Interested in Horticulture?" The discussions were lively.

Massachusetts Horticultural Society.

At a meeting of the board of trustees of the Massachusetts Horticultural Society the following, among other committees, were appointed for the ensuing year:

Prizes and Exhibitions—J. A. Pettigrew, chairman; Robert Cameron, Wm. Downs, J. K. M. L. Farquhar, M. A. Patten, Wilfred Wheeler.

Plants and Flowers—T. D. Hatfield, chairman; A. H. Fewkes, Wm. Nicholson, Thomas Roland, Wm. C. Rust, William Sim.

Fruits—Edward B. Wilder, chairman; Wm. Downs, Wilfred Wheeler.

Vegetables—Duncan Finlayson, chairman; W. N. Craig, Edward Parker.

Gardens—C. W. Parker, chairman; Jackson Dawson, A. H. Fewkes, T. J. Gray, T. D. Hatfield, Wm. Nicholson, W. P. Rich, D. F. Ray, Charles Sander, William Thatcher, Wilfred Wheeler.

Children's Gardens—H. S. Adams, chairman; Joseph Clark, H. S. Rand, W. P. Rich, B. Hammond Tracy, James Wheeler.

Lectures and Publications—W. J. Stewart, chairman; Robert Cameron, J. K. M. L. Farquhar, Edward B. Wilder.

An appropriation of $6,000 was made for prizes for shows in 1912. An invitation was extended to the National Sweet Pea Society to hold its summer show in Boston, July 13 and 14, 1912.

Victor Lemoine, of Nancy, France, was unanimously awarded the George R. White medal of honor for his eminent services to horticulture.

Various Notes.

H. W. Field, of Northampton, through Thomas Pegler, is disposing of quantities of fine Richmond, White and Pink Killarney and Mrs. Ward roses at present.

Edward Winkler is the proud father of a nine-pound boy, born November 9.

Edward MacMulkin reports fall trade as excellent. He has secured many contracts for landscape work for the coming spring, which had been in abeyance for a year. Store trade is first-class.

R. D. Kimball, of Waban, just now is specially strong on Nagoya, Bonnaf-

fon, Wanamaker and Eaton chrysanthemums; also fine violets.

J. Leach & Son, of North Easton, have nearly finished cutting mums, but are now cutting excellent valley. Their new carnation, Pink Supreme, looks fine.

William H. Elliott has, among other roses, Mrs. A. R. Waddell of fine quality. He finds roses sell well. He expects to double his sales of Asparagus Sprengeri the coming season, finding it profitable.

The Waban Rose Conservatories, which did not grow any mums for some years, is handling some this season. The Bonnaffons are superb.

J. W. Foote is a wonderful grower of Bouvardia Humboldtii. He measured bunches November 11 just a yard long. No other grower seems able to get such stems.

Montrose Greenhouses grow all roses well, but at this time they feel more proud of the Richmond than any others. They are certainly fine.

Henry M. Robinson & Co. are keeping busy and say that fall business has been eminently satisfactory.

Herman Waldecker has Chrysanthemum Mrs. Weeks of extra fine quality and Eatons in quantity. He is also well to the front with violets.

The annual election of the Massachusetts Horticultural Society occurs November 18.

Wm. W. Edgar Co. has President Roosevelt, Intensity, Jerome Jones, Bonnaffon and Eaton mums as fine as any I have seen this seaon. Their Lorraines and cyclamens are selling fast.

The Halifax Garden Co., through the Boston Flower Growers' Sales Co., is now disposing of an immense cut of mums and carnations of excellent quality.

A. A. Reed, of Whitman, is still cutting fine Cattleya labiata. He has a splendid lot of Trianæ in sheath and has already cut a few. He will have a fine crop of these for Christmas. In his carnation houses, White Wonder, Pink Delight, Gloriosa, White Enchantress, White Perfection, Dorothy Gordon and Beacon are looking extremely well.

The Halifax Garden Co., of Halifax, Mass., held its annual fall exhibition at the greenhouses November 11 and 12, and several thousand people took occasion to visit and inspect the extensive and up-to-date plant. Chrysanthemums and carnations are the leading specialties.

S. J. Reuter, Westerly, R. I.; W. R. Pierson, Cromwell, Conn., and George E. Baldwin, Mamaroneck, N. Y., were among recent visitors.

William Sim's pansies almost take people's breath away. Everything Mr. Sim takes in hand he does well and his pansies were never equaled in this market. W. N. Craig.

R. & J. Farquhar & Co. have bought of the New York, New Haven & Hartford railroad a parcel of land on Elm street, Dedham, containing about seven and one-quarter acres, and abutting the present holdings of the grantees. The buyers intend to build heating plants and nurseries.

Superior, Wis.—F. H. Rockwood is erecting four additional greenhouses on Elmira avenue, between Twenty-fourth and Twenty-fifth streets. Three of the new houses are each 20x100; the other is 12x30.



The accompanying cut shows a sample of the

Many Shipments of Evergreens

Being sent out by the firm of

J. H. Von Canon & Co.

BANNERS ELK, N. C.

Who are doing quite an extensive business in this line.

They have recently built a large annex to their packing and storage department, which is under the management of Mr. R. L. Cook, a man of eighteen years' experience in the Evergreen business.

The Galax and Leucothoe, shown in this picture, only abound in the Blue Ridge Mountains, in the heart of which this firm is located, and are handled direct from the pickers, with whom they have season contracts, having control of 12,000 acres of evergreen territory.

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ST. LOUIS.

The Market.

The cut flower business last week showed great improvement over that of the preceding week. The west end florists say they had a lot of work for receptions, dinners and weddings. There was also considerable plant trade, for which the weather was then just right. Now, since the weather has become so much colder, we can look for a steady general business.

The wholesale markets, too, are receiving much better stock in all varieties, especially in mums, violets and carnations, and prices have advanced on fancy grades. All roses are arriving in fine condition and in large quantities, and, in spite of the big supply of mums, are having an excellent sale. Violets are limited in quantity and are cleaned up daily. Fancy mums and carnations are selling well. Valley and lilies are plentiful. There was a good call for smilax all through the week, and for other greens as well.

WIRED TOOTHPICKS

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000.....$1.75 50,000.....$7.50

Sample Free. For sale by dealers.

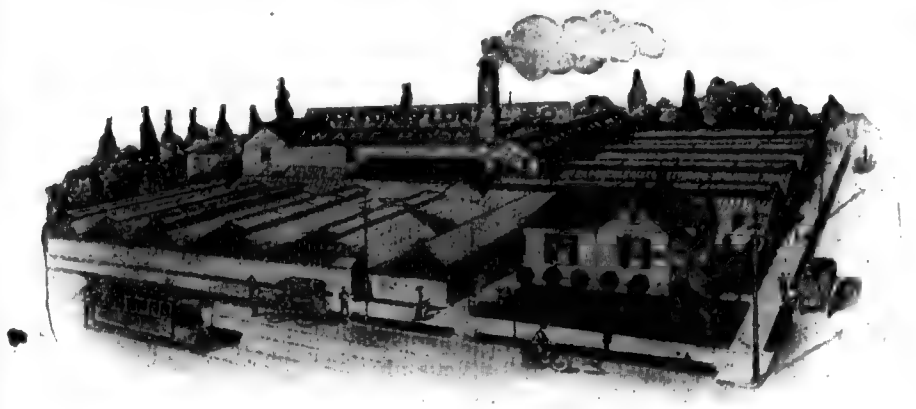
Club Meeting.

The Florists' Club held a most in-

Southern Wild Smilax

None too large or too small to receive our prompt and careful attention. **Particular people perfectly pleased** with our **Southern Greens.** Not the **cheapest,** but guaranteed to be the **best.**

ONE OF THE MANY NICE LETTERS WE ARE RECEIVING:



20,000 Square Feet of Glass

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OFFICE OF THE
DAYTON FLORAL COMPANY
W. G. MATTHEWS, Proprietor

THE LEADING FLORISTS
RIVERDALE
Home Phone 6666 Bell Phone Main 666

CUT FLOWERS A Specialty—for all occasions, in any arrangement

Dayton, Ohio, September 7, 1911.

Chas. S. Lee & Co., Evergreen, Ala.

Gentlemen: It is a pleasure and a revelation to receive regularly our weekly order of Southern Smilax from your firm. It is the best and freshest we ever had from any point in the South, being far superior to any we ever handled, and we use hundreds of cases annually. The packing is also above the average. What makes your Smilax excel all others is because you gather it and ship the same day. Most respectfully yours,

Dayton Floral Co.,
W. G. Matthews, Prop.

Give us a TRIAL order—The OTHER orders will take care of themselves

We guarantee to ship you the **best** Southern Decorative Evergreens on the market. Stock cut and shipped within twenty-four hours after your order is received.

Long Needle Pines. **Magnolia Foliage and Magnolia Leaves.**
Natural and Fadeless Green Sheet Moss. **Write, Wire or Phone.**

CHAS. S. LEE & CO., Evergreen, Ala.

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teresting meeting on Thursday afternoon, November 9, in its rooms in Odd Fellows' hall. The meeting was noted for the large attendance of both members and visitors. Prominent among them were: President Geo. Asmus and President-elect R. Vincent, Jr., of the S. A. F.; President Philpott and Secretary Pyfer, of the Chicago Florists' Club; President Elmer D. Smith and President-elect C. H. Totty, of the Chrysanthemum Society; Vice-President-elect August Poehlmann, of the S. A. F.; A. F. J. Baur, secretary of the Carnation Society; Secretary Johnson and Vice-President-elect Wallace Pierson, of the Chrysanthemum Society, and J. F. Ammann, secretary of the Illinois State Florists' Association.

President Robert J. Windler opened the meeting at 3 o'clock, with Mr. Philpott at his right and R. Vincent, Jr., at his left. Every seat in the big hall was taken. A few remarks from some of the visitors, called upon by the chair, were then heard, but some of the best speakers were reserved for the after-dinner talks.

After adjournment the members and guests were escorted to Lippe's cafe for dinner, at which eighty-three were seated. At the close of a good, substantial feast, with cigars for the finish, J. F. Ammann, who was elected toastmaster, said that he would call on some of the visitors for talks. President Windler made the address of welcome and was followed by Messrs. Totty, Smith, Asmus, Vincent, Foley, Baur, Pierson, Balsley, Mann, Poehlmann and Ammann, who made some great talks for the good of the S. A. F., the florists' clubs and our profession. Then all in attendance were taken in a body to the Coliseum, where the flower show was being held.

Various Notes.

C. H. Totty and W. H. Duckham, the eastern mum kings, were with us last week. They are almost inseparable companions and two finer gentlemen would be hard to find. Their cut stock was featured during the week.

Last week quite a few florists from outside the city were here, attracted by the flower show. They were entertained by the local craft with a banquet at the American hotel on Wednesday evening, and a dinner at Lippe's

Ferns——Galax——Moss

HEADQUARTERS FOR SOUTHERN WILD SMILAX

$3.00, $4.00 and $5.00 per case.

New Fancy Ferns
Per 100.....15c Per 1000.....$1.25

Green Leucothoe Sprays
Per 100.....50c Per 1000..... 5.00

Boxwood
Per lb.....20c Per case of 50 lbs.... 7.50
Per case of 100 lbs.....$14.00

Bronze Galax Leaves
Per 1000.....$1.25 Per 10,000.....$10.00

Green Galax Leaves
Per 1000..... 1.00 Per 10,000..... 7.50

Mexican Ivy
Per 100.....75c Per 1000..... 6.00

Green Sheet Moss
Per bundle.....$1.00 10 bundles....$ 9.00
25 bundles..... 21.00

Sphagnum Moss
Extra large bales.....$1.50 per bale

SPECIAL PRICES ON LARGE QUANTITIES.

Imported Bronze and Green Magnolia Leaves, $2.25 per basket
Everything in Florists' Supplies

Full Line of Cut Flowers and Other Greens at All Times.

C. E. CRITCHELL, Wholesale Commission Florist, 34-36 East Third Ave., **Cincinnati, Ohio**

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cafe on Thursday afternoon. The show lasted five days and, with the help of the Chrysanthemum Society, was a really creditable affair, but it has not as yet been learned whether it was a financial success.

Adam Zender, a well known Chicago florist, who is here visiting his son-in-law, R. J. Windler, had a narrow escape from being killed November 6. In company with W. C. Smith, he took a trip out in the country, visiting the growers, when an automobile ran into their buggy from the rear and dumped both of them into a ditch. The buggy was demolished and both men were painfully though not seriously hurt. Mr. Smith was not able to attend to business during the week, but, according to reports, will be out this week.

The exhibit of the McCray Refrigerator Co. at the flower show was quite an attraction for the local and visiting retailers, as well as the visiting public.

The lecture given on Thursday night by President-elect Richard Vincent, Jr., at the Coliseum, was a good feature of the week's program and was largely attended by the ladies, who gave Mr. Vincent a good reception at the finish.

The Ladies' Home Circle gave a euchre and dinner to the visiting ladies at the Marquette hotel on Thursday afternoon. A large attendance of ladies from outside the city was expected, as usual, but, strange to say, Mrs. Richard Vincent was the only lady visitor during the show, and the ladies of the Circle think the "men folks" quite selfish to come alone.

The Missouri Botanical Garden will open its chrysanthemum show to the public this week. It will continue, weather permitting, for two weeks, and will be held in a large tent, as usual.

Park Commissioner Davis guided the city park committee on a tour of the public parks and playgrounds November 10. The committee encouraged the commissioner in his new plans for improvements at all the smaller parks.

The Engelmann Botanical Club held its monthly meeting on Monday evening, in the graduate lecture room at the Missouri Botanical Garden. The



THIS IS THE MONTH TO PLACE YOUR ORDERS FOR

Baled Spruce Branches and Christmas Trees

Our quality is the best, our prices reasonable.
Early orders assured of prompt delivery.

L. B. BRAGUE & SON, {Established 1867} **Hinsdale, Mass.**

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Attention Buyers! Laurel Festooning made as a specialty

Just what your order calls for, and nothing else, is what you get when placing your order with us.
Florists will find it to their advantage to anticipate their wants for the coming season, by placing their orders with us early. Sample leaves cheerfully sent upon application.
RIGHT WHERE THE LAUREL GROWS. TELL US YOUR WANTS.

THOS. A. ZETO, **Newfield, N. J.**



FINE EVERGREENS

Ferns and Leucothoe Sprays a specialty.
Get our price list before ordering.

F. H. STINSON, Banners Elk, N. C.



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FERNS and GALAX New crop, fresh from the patch.

Fancy and Dagger Ferns, 70c per 1000.
Green Galax, 50c per 1000.
Green Leucothoe Sprays, $2.00 per 1000; short, 12 to 16-in., $1.00 per 1000.
Discount on large orders. 10 years' experience. Cash with first order.

R. L. HODGES, Banners Elk, N. C.

Sheet Moss	3c per lb.
Bouquet Green	$0.75 per 1000
Fancy Ferns	.60 per 1000
Dagger Ferns	.80 per 1000
Leucothoe Sprays, any length..	1.50 per 1000
Galax	.40 per 1000

All goods in season—Holly, Mistletoe, Ivy, Laurel, Hemlock, Needle Pine. Cash with order. No order too small. Satisfaction guaranteed.

BOOMER EVERGREEN CO., **Boomer, Tenn.**

Boxwood Sprays

Free from excess wood. Special tree variety. Excellent material. Shipped from southern plantations.

Pittsburgh Cut Flower Co.
121 Seventh St., Pittsburgh, Pa.

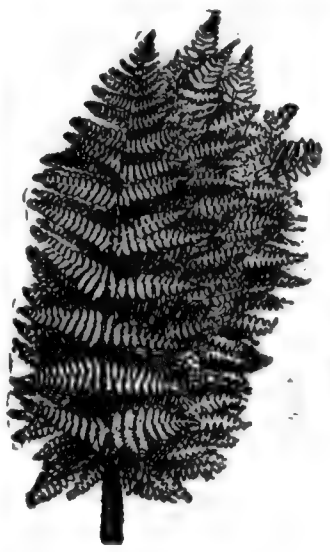
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SOUTHERN WILD SMILAX

Caldwell The Woodsman Co.

Everything in Southern Evergreens.

EVERGREEN, ALA.

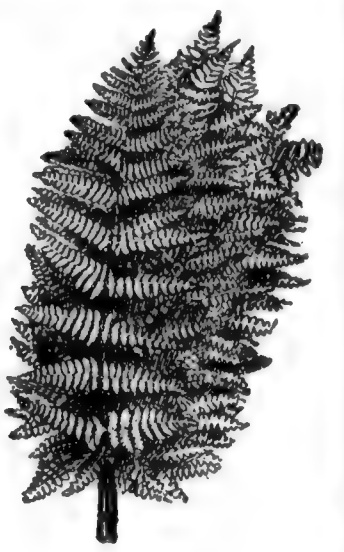


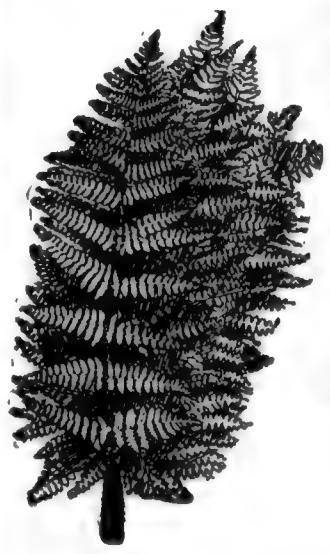
Fancy Ferns

Finest stock in the country

$1.25 per 1000 Discount on large orders. **$1.25 per 1000**

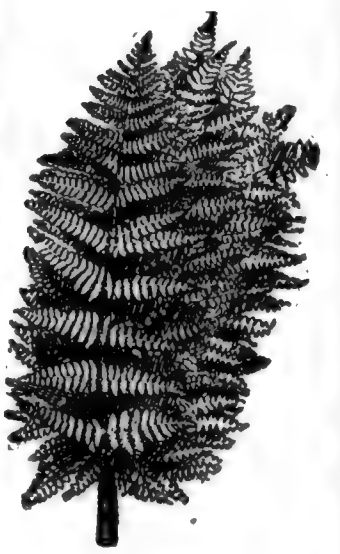
Place your standing orders with us.
Full supply all the year around.





Imported green and bronze Magnolia Baskets, $2.25; 6 baskets	each, $2.00
Galax Leaves, green and bronze	per 1000, 1.25
Green Leucothoe Sprays, extra fine	per 1000, 7.50
Boxwood	per lb., 20c; per case, 50 lbs., 7.50
Wild Smilax	50-lb. case, 5.00
Sphagnum Moss	large bales, 1.50

Full supply Cut Flowers at all times.



Michigan Cut Flower Exchange

38-40 Broadway, Detroit, Mich.

Mention The Review when you write.

Sprays - - Ferns

NEW CROP, FRESH FROM THE PATCH



Fancy and Dagger Ferns, 75c per 1000.
Long Green Leucothoe Sprays, $2.50 per 1000.
Short Green Leucothoe Sprays, $1.25 per 1000.



Green Galax	$0.45 per 1000
Hemlock Sprays	1.50 per 1000
Rhododendron Sprays	2.00 per 1000
Mountain Laurel Sprays	1.50 per 1000

Discount on large orders. Eighteen years in the business. Send me your orders.

J. N. PRITCHARD, Elk Park, N. C.

Mention The Review when you write.

We are now shipping

Southern Wild Smilax

Natural and Perpetuated

SHEET MOSSES

E. A. BEAVEN, - EVERGREEN, ALA.

Mention The Review when you write.

With stock as good, not better, and prices as low, not lower, than other jobbers, I solicit your weekly order.

G. J. Walker, Dealer in Fancy and Dagger Ferns

Savoy Centre, Mass.

Mention The Review when you write.

New Crop **SOUTHERN WILD SMILAX** New Ready

Louisville Floral Co., P. O. Louisville, Ala.

Telegraph Office, Clayton, Ala.

Mention The Review wher you write.

Fancy or Dagger Ferns

$1.00 per 1000. Write for prices on large orders.

Galax, 75c per 1000; $6.50 per case of 10,000. **New Bronze** will be in November 25.



Tel. Office, New Salem, Mass.
L. D. Phone Connection.

MILLINGTON, MASS.

Try our **Boxwood,** it's the finest that grows; no waste; 50-lb. case, $7.50.
Laurel Festooning, the best, 4c, 5c and 6c per yard.
The finest **Laurel Wreaths** made, $3.00 per dozen.
Branch Laurel, 35c for large bundle.
Sphagnum Moss, $4.00 per bale.
Bouquet Green, 8c per lb.
Southern Smilax, $5.00 per case of 50 lbs.
Green Moss, $1.25 per bbl.
Partridge Berries, 10c per bunch of 50 sprays.

CROWL FERN CO., : Millington, Mass.

Henry M. Robinson & Co.

WHOLESALE COMMISSION FLORISTS

CUT FLOWERS OF ALL KINDS



DAGGER and FANCY FERNS, $1.00 per 1000
BRONZE GALAX, $2.00 per 1000
GREEN GALAX, 1.00 per 1000



Hardy Cut Evergreens and Florists' Supplies, Branch Laurel, Laurel Festooning, Green and Sphagnum Moss, Boxwood Sprays. A large stock constantly on hand; can fill orders at a moment's notice. Telephone or telegraph.

Tel. 2617-2618 Main; Fort Hill 25290.

15 Province Street and 9 Chapman Place, BOSTON, MASS.

Mention The Review when you write.

HOLLY-HOLLY-HOLLY

I have just returned from a two weeks' trip through the Holly sections of Delaware, Maryland and Virginia, and have contracted for my supply for the season of 1911. I expect to have several cars of very fine, dark green, well-berried Swamp Holly. I will have it packed as usual in regular size cases, 2x2x4, and guaranteed as represented. My first car will arrive in Philadelphia about December 1st. I filled all orders received last year and gave entire satisfaction and I hope to do so again this season. My price this year on orders received up to December 1st is **$3.00 per case.** After that date, at market price, which I am quite sure will be higher on account of scarcity.

HOLLY WREATHS

My Holly Wreaths will be made of the very finest selected dark green Holly on 10 inch hoops, and will be well-berried $10 00, $12.50 and $15.00 per 100, according to quality.

LAUREL WREATHING

My Laurel Wreat ing will be made of the brightest Swamp Laurel that it is possible to secure, in 50-yard lengths. Price, 2½c and 3c per yard.

MISTLETOE

My Mistletoe, from North Carolina, will be extra selected and full of berries. Per case, $3.50 to $5.00, according to quality.

Lycopodium, in 10-yd. rolls, 5c to 8c per yd.

I make a specialty of the above and guarantee all goods as represented or money refunded. Cash must accompany all orders.

F. B. WOOLEY, 152 Dock St., Reference: 6th National Bank Mutual Trust Co. **Philadelphia, Pa.**

Mention The Review when you write.

feature of the meeting was an illustrated talk by G. H. Pring, of the Botanical Garden, on "The Evolution of the Cultivated Chrysanthemum." The meeting was well attended.

C. Young & Sons Co. had a grand opening of the firm's new branch store, on Waterman avenue. For souvenirs they gave away a few thousand small ferns in gilded pots. This store is sure to become one of the most attractive places in the west end.

The Eggeling Floral Co., for many years at the northwest corner of Lafayette and Grand avenues, will move to the new location this week, just opposite, in a new, modern building. The old stand belongs to the Shaw estate, which will be laid out in lots and sold. The firm's name has been changed to Margaret Eggeling, Florist.

Messrs. Steidle, Bergstermann, Bruenig, Bourdet and Tesson, who judged all the exhibits at last week's flower show, did their work well. All the exhibitors were satisfied with the awards made.

Wm. F. Nichol, president of the St. Louis Seed Co., and A. J. Butterfield, of Farmington, Mo., made applications for membership in the St. Louis Florists' Club. Both will make valuable members.

Fred Lautenschlager was with us last week and, in company with W. J. Pilcher, visited the growers in St. Louis county in the interest of the Kroeschell boilers. J. J. B.

PROVIDENCE.

The Market.

Considerable improvement in the flower market was noticed last week, brought about by the slightly cooler weather, the opening of the reception season, several weddings, and funeral work. Mums were in good demand and supply, and some choice Major Bonnaffon, Maud Dean, Col. Appleton and others were received and met with a good call. Roses are rather plentiful and of excellent quality, but the demand has been sluggish, the mums holding the center. Violets are arriving in good shape and carnations are coming better.

Various Notes.

George C. Kelley was defeated for membership in the general assembly from Providence at the recent election.

Joseph Kopelman was a visitor at the Boston flower show last week.

O. H. Williams was elected a member



Costs no more, and where quality is considered is worth more than double.
Silliman's Every Sprig Berried brand of
MISTLETOE
Twentieth year. Now booking orders December shipment. Write for prices.
A. B. SILLIMAN & CO., Boone, Ia.
Mention The Review when you write.

Fancy Xmas Holly

Good, green, heavy, berried, tight packed stock, now ready for shipment.
Single case.....$3.75
Five cases and more, per case.. 3.50
Freight prepaid to all points east of the Mississippi River.
Cash with order.

H. AUSTIN
FELTON DELAWARE
Mention The Review when you write.

CHRISTMAS HOLLY
Christmas Trees, all kinds of Decorative Greens. Wholesale.
Fine Berried Holly, $2.30 50 lbs. Bouquet Green, 6c per lb. Log Moss, $2.00 100 lbs. Leucothoe, $1.70 per 1000. Dagger Ferns, 60c per 1000. Galax, any size, 40c 1000. Ivy, 2c lb. Rock Ferns, 65c 1000. Boxwood, 20c lb. Cash with orders.
Give me a trial order.
GRANT PRESNELL, Del Rio, Tenn.

ChrIstmas Trees
Carload or small lots. Laurel and Bouquet Green Roping, 5c and 6c per yard.
John Abbott, HINSDALE, MASS.

FANCY HOLLY

HOLLY—In cases 2x2x4 ft., $3.00 a case. This is swamp stock, and is very good this season. Well berried and green foliage. Short or mixed branches.

GREEN SHEET, or LOG MOSS—In bbls. or bags, $1.25. This moss is in large, thin pieces and will give satisfaction.

LAUREL BRANCHES—2x2x4-ft. case, $2.50. This is swamp stock and will hold its color much longer than the ordinary mountain laurel. With straight branches, for decorating.

LAUREL STEMS—For roping. Large bag, $1.00. Swamp stock, with short stems. Will make 90 to 100 yards of medium roping.

NEW STONE TOMATO SEED, 75c lb. This seed is from good stock of the best canning tomatoes. Special prices on large lots.

MISTLETOE—Large bunch in basket, $1.00.

All goods shipped direct from the swamps, and are fresh, with good color Can ship Moss and Laurel all the year. Cash or satisfactory reference must accompany first order. Express and freight rates on application.

Postal wire reaches n e direct.

W. Z. PURNELL, Snow Hill, Md.
Mention The Review when you write.

H In Case Lots and Car Lots
It is now time to get our prices. Sit down and drop us a post card. **O** Also **Evergreen Wreathing** **L** and **Wreaths** **L** of all kinds. **Y**
GEO. MIDDENDORF CO.
73-75 West So. Water St., CHICAGO
Mention The Review when you write.

WHOLESALE PRICE LIST

Headquarters for Chrysanthemum and Carnation Blooms and All Other Cut Flowers in Season.

GREEN GOODS WIRE WORK FLORISTS' SUPPLIES

CUT FLOWERS

Chrysanthemums	per doz.,	50c to	$ 2.00	
Carnations	per 100,	$ 2.00,	3.00	
Roses	per 100,	$2.00,	3.00,	4.00
Lilies	per 100,	8.00,	10.00,	12.00
Violets	per 100,	35c to	50c	

Get our Catalogue on Florists' Supplies.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

GREENS

Fancy Ferns	per 1000, $1.50
Leucothoe	per 1000, 5.00
Green Galax	per 1000, 1.00
Smilax	per doz., 1.50
Boxwood	15c per lb.; 50 lbs., 7.50
Magnolia Leaves	per basket, 1.75
Wild Smilax	per case, $3.00, $4.00, 5.00
Green Sheet Moss,	per bale, $1.00; 10 bales, $9.00; 25 bales, $21.00.

DELHI New — **DELHI** Seedling — **DELHI** Scarlet — **DELHI** Carnation

We are introducing this season. Our circular on same for the asking.

WM. MURPHY, Wholesale Commission Florist

309 Main Street, Telephone Main 980, **Cincinnati, Ohio**

Mention The Review when you write.

Quality Holly and Holly Wreaths

Case Holly guaranteed as to foliage, dark green in color and well berried. Packed in standard cases at $3.50 per case; 5 cases, $3.25 and 10 cases or over at $3.00 per case, f. o. b. shipping point.

HOLLY WREATHS

Standard size wreaths are made on 10-inch wooden rings, wire wrapped, and have four good size bunches of berries. Packed 200 to the case.

In lots of 200.....each, 12c — In lots of 600.....each, 11½c
In lots of 400.....each, 11¾c — In lots of 1000.....each, 11c

Above size wreaths, with five bunches of berries, add one cent to the listed price.

MADE TO ORDER HOLLY WREATHS

These wreaths are shipped in any amount desired, but for an order of less than 50 an extra charge will be made for package.

	Each
Wreaths on 12-in. wire rings, with 5 bunches of berries	16c
Wreaths on 14-in. wire rings, with 6 bunches of berries	21c
Wreaths on 16-in. wire rings, with 8 bunches of berries	27c
PRINCESS PINE	per 100 lbs., $8.00

We have everything in Greens and can furnish immediately on receipt of order. Price list has been mailed you; have you received it? Our terms are cash with order to unknown trade.

JONES, The Holly Wreath Man, Milton, Delaware

Mention The Review when you write.

of the town council of Johnston last Tuesday.

Frederick C. Covill, manager of the flower department for the Shepard Co., has been suffering from a badly swollen face, caused by an ulcerated tooth.

Charles A. Hanson is building a small greenhouse at 58 Willett avenue, Riverside.

The flower department of L. Dimond & Sons, Inc., under the management of S. Engel, has been entirely refitted.

George H. Walker, of North Dighton, Mass., has purchased the entire field of dahlias from J. P. Bodge, of Fall River, consisting of more than three acres. Mr. Bodge is closing out his florist business because of the recent death of his wife.

Mr. and Mrs. Louis J. Reuter, of Westerly, have returned from their honeymoon, which they passed in Maine. They have taken up their residence in a new home on Spring street, Westerly. Last week they were in Philadelphia, where Mr. Reuter was called by business.

Gerald Conheeney, 20 years of age, who has been employed by Oscar

WHOLESALE



Galax, Ferns, Leucothoe



—Ask for Price List—

The North Carolina Evergreen Co., - Banners Elk, N. C.

Mention The Review when you write.

IN THE SWIM

I must be in the swim,
You might forget my name,
And say I was to blame,
If you do not get the best.
So write—I'll do the rest.

Christmas Trees, Spruce or Balsam from 1 foot to 30 feet, in any quantity, also **Baled Spruce, Balsam** and **Hemlock Boughs,** by bale or carload, **Laurel** and **Evergreen Festooning** and **Wreaths, Sphagnum Moss,** hardy cut fancy and dagger **Ferns.** Yearly contracts made for them.

Send for Price List. Order Christmas Trees now, so as to be served in time and not be left.

H. J. SMITH, Hinsdale, Mass.

PROMPT RELIABLE

CHATTAHOOCHEE FLORAL CO.

GO EVERYWHERE **SOUTHERN DECORATIVE EVERGREENS** AND PLEASE EVERYBODY

WILD SMILAX
50-lb. case (covers 600 sq. ft wall space).$1.75
30-lb. case (covers 250 sq. ft. wall space). 1.00
MAGNOLIA FOLIAGE AND LEAVES
50-lb. case.....$2.00
30-lb. case 1.25
Leaves, basket of 1000 ..... 1.25
Leaves, case of 5000..... 5.00
LONG NEEDLE PINES (3 to 5 ft. high)
Dozen.....$1.00
50 ..... 3.00
100..... 5.00

CHAMAEROPS PALM CROWNS
Dozen.....$ 1.50
50..... 6.00
100..... 10.00
CHAMAEROPS PALM LEAVES
100.....$ 1.25
1000 .. .. 10 00
SABAL PALM LEAVES
Dozen .....$ 0.25
100 ..... 1 50
1000..... 12.50

GRAY MOSS
15-lb. bale.....$1.00
100-lb. bale..... 6.00
HOLLY
2x2x4-ft. case.....$2.50
MISTLETOE
Bushel box.....$1.50
Barrel..... 3.50
IMPORTED MAGNOLIA LEAVES
(Green and Bronze)
Basket of 1000.....$1.75
Case of 5000..... 7.50

Write, wire or phone us your needs. We never sleep until your orders have been filled to your entire satisfaction.

CHATTAHOOCHEE FLORAL CO. HATCHER STATION, GEORGIA

Mention The Review when you write

NEW BOXWOOD

CLEAN, BRIGHT STOCK
10 lbs.....$2.00 50 lbs. .....$ 7.50
25 lbs..... 4.00 100 lbs. 14.00
Special Prices on Larger Lots.

C. E. CRITCHELL, Wholesale Commission Florist, 34-36 EAST THIRD AVENUE, **Cincinnati**

Mention The Review when you write.

Schultz in his store at Newport for about two years, is missing and it is said that he forged his employer's name to checks, which he succeeded in passing.

M. B. Saunders Co., F. B. Saunders manager, is building a new greenhouse, 30x70 feet, at 25 Burnett street.

J. Jensen, proprietor of the Park Greenhouses, is bringing in some fine long-stemmed carnations.

Oscar L. Hughes has secured the services of Henry Patry as manager of The Flower Store, which he recently opened at 82 Westminster street.

William Krauss, of Bristol, is building a greenhouse, 30x50 feet, for flower growing purposes.

Miss Florence Willard, of the Hope Greenhouses, is cutting choice lots of orchids every few days, for which she is getting $5 per dozen. She has one house planted entirely to ferns for table decorations that is looking fine.

Mr. and Mrs. William Jurgens, of Newport, were in the city Saturday, November 11, having just returned from a trip to Europe.

Charles Coon, superintendent of parks of Westerly, celebrated the first anniversary of his wedding last week.

F. Macrae & Sons are cutting some fine carnations, but are unable to exceed the demand.

John B. Sullivan, gardener for Charles F. Hoffman, of Newport, has been reëlected to the general assembly from the fifth district.

An unusual and valuable gift has come to Brown University through E. B. Burlingame, of this city, who has presented to the university his botanical herbarium of some 3,000 specimens. Most of them are mounted and determined, and constitute a valuable addition to the resources of the botanical department.

Stewart Ritchie has taken down one of his oldest and smallest greenhouses and is building a stable in its place.

The monthly meeting of the Florists' and Gardeners' Club of Rhode Island will be held Monday evening, November 19, when the annual election of officers will occur and M. Sweeney will give a talk. W. H. M.

CUT FERNS FANCY AND DAGGER



30,000,000

will be my supply for the winter. You can't make a mistake if you place your order with me. Write for price.

Also dealer in

Christmas Trees and Bouquet Greens

ROBERT GROVES, 127 Commercial St., **Adams, Mass.**

Mention The Review when you write.

J. H. VON CANON & COMPANY



Evergreens Fresh From The Woods
Galax, Green, 50c per 1000; $3.50 per case of 10,000.
Galax, Bronze, ready about Nov. 20.
Ferns, Fancy and Dagger, 80c per 1000; $3.50 per case of 5000.
Green Leucothoe, regular lengths, $1.75 per 1000.
Green Leucothoe, 10 to 16-inch, $1.00 per 1000.
Laurel Leaves, 85c per 1000. **Sheet Moss,** 5c per lb.
Cash with order.



Wire Us
Elk Park, N. C. **BANNERS ELK, N. C.**

Mention The Review when you write.

FANCY AND DAGGER FERNS
60c per 1000; 12-in. and up.
Galax Leaves. 50c per 1000
Leucothoe Sprays, 12 to 16-in., $1.10 per 1000.
Leucothoe Sprays, 18 to 24-in., $2.25 per 1000.
Fancy Ferns a Specialty.
The PINE MOUNTAIN EVERGREEN CO.
Lew, Avery Co., N. C.

Mention The Review when you write

Albany, N. Y.—Amos F. Balfoort has recently been displaying in his window five small trees of the Lemon ponderosa, bearing handsome specimens of the fruit. At the time of this report the fruit was just beginning to ripen and was attracting a daily increasing number of interested spectators.

Grand Forks, N. D.—J. V. Wickler, of the Wickler Floral Co., reports that business has shown a decided improvement during the last month. "We are now settled," he says, "in our new store, where we occupy the ground floor and basement and have the best of facilities for serving our patrons."

ESTABLISHED 1898.
SMITH'S GALAX LEAVES
LEUCOTHOE SPRAYS
are Standard.
WM. C. SMITH
Marion, North Carolina
Ask for **Smith's Galax** and **Leucothoe.**
Distributors in Boston, Providence, New York, Philadelphia, Baltimore, Washington, Pittsburgh, Cleveland, Detroit, Chicago, Milwaukee, St. Louis and Cincinnati.

Mention The Review when you write.

FULL LINE OF EVERGREENS

Boxwood, any quantity .....per lb., $0.15
Fine Berried Holly ....per case of 50 lbs., 2.50
Dagger Ferns.... .....per 1000, .65
Galax, any quantity.....per 1000, .45
Large Leucothoe Sprays.....per 1000, 1.70
Log Moss .....per 100 lbs., 2.00

Cash with order.

STEPHEN McMILLON & BROS., - Cosby, Tenn.

Mention The Review when you write.

SOCIETY OF AMERICAN FLORISTS.

Department of Registration.

Objections having been withdrawn, public notice is hereby given that the registration of the rose, Oriole, by Jackson & Perkins Co., of Newark, Wayne county, N. Y., becomes complete.

H. B. Dorner, Sec'y.

November 9, 1911.

BULBS A SECOND YEAR.

Please inform me in reference to bulbs that flowered last spring and were dug up after blooming. Will the old bulbs, such as hyacinths and tulips, flower again this coming spring if planted outdoors sometime in December? M. L.

Hyacinths will flower a second year if planted outdoors as soon as possible. December is rather late to plant any of these bulbs. Better get them in at once. Hyacinths will give much smaller spikes the second year. They are much better, however, if left outdoors undisturbed, in which case they usually improve from year to year. Tulips will flower a second year if the best bulbs are planted. The late varieties generally do better than the earlier ones. Of course, if these bulbs had not been dug up and dried directly after flowering, but had been heeled in soil after lifting until the foliage died down and then stored away, they would do better.

C. W.

THE REVIEW sends Scott's Florists' Manual postpaid for $5.

HERRINGTON on the Mum, sent by The Review for 50 cents.

Want and For Sale Department

Advertisements under this head 10 cents per line, cash with order from all who do not do other advertising. In sending remittance count seven words to the line.

Display advertisements in this department $1.30 for one inch space.

When answers are to be sent in our care, add 10 cents for forwarding.

Plant advertisements not admitted under this head.

SITUATION WANTED—In a Chicago retail florist store, by a young man, age 20; experienced; references. Address No. 160, care Florists' Review, Chicago.

SITUATION WANTED—By all-round florist and gardener; sober and reliable; private or commercial place; best of references. Address No. 157, care Florists' Review, Chicago.

SITUATION WANTED—By first-class A No. 1 florist and store man; 10 years' experience; can give very good references. Gustav Adrian, 1025 Irving Park Boul., Chicago.

SITUATION WANTED—By a young man, 4 years' experience on commercial place; good references; want a first-class place where I could perfect myself in the trade; salary no object. Address No. 165, care Florists' Review, Chicago.

SITUATION WANTED—By Dane, 10 years' experience in Denmark, Germany and England, 1 year in America; experienced in all sorts of greenhouse plants; commercial place in eastern states preferred. Address F. Hansen, care Shield, Dalton, Mass.

SITUATION WANTED—Young man, 20, would like place where carnations, roses and pot plants are grown; one year's experience in retail store and greenhouse; Michigan or vicinity of Chicago preferred; reference furnished. Address No. 162, care Florists' Review, Chicago.

SITUATION WANTED—By young married man, 27, as grower or store man; 9 years' practical experience in the growing of roses, carnations, mums, pot and general bedding plants; good propagator and designer; honest, sober and good worker; reference; please state wages. Address G. J. Kuhlen, Kenton, Hardin Co., Ohio.

HELP WANTED—Grower for propagating bedding stuff and pot plants; single man; wages, $30.00 per month, room and board. H. C. Bucheler, R. D. 1, Fair Haven, Pa.

HELP WANTED—A glazier at once; will pay 2c a glass. John Bauscher, 104 Chicago St., Freeport, Ill.

HELP WANTED—A young man on a commercial place to work in greenhouses and deliver. Call at 5329 S. Morgan St., Chicago. Ensweiler.

HELP WANTED—Sober, industrious man for commercial place; state age, wages expected and send reference in first letter. Chas. Vorkeller, So. Bethlehem, Pa.

HELP WANTED—First-class working foreman, who can take charge of 50,000 feet of glass and produce A 1 stock; give reference, state wages, etc., in first letter. Kemble Floral Co., Oskaloosa, Ia.

HELP WANTED—A first-class working foreman, capable of taking charge of a large florist plant, and producing No. 1 stock; none but a first-class man need apply. Address Miller & Sons, Lauder Ave., Toronto, Ont., Canada.

HELP WANTED—A man to take care of a large collection of orchids; must understand them thoroughly, also general greenhouse work; applicants must state where they got their experience and where they have worked. Write Mrs. John Mane, 76 Broadway, Detroit, Mich.

WANTED TO RENT—Greenhouse near good market for term of years. Address No. 164, care Florists' Review, Chicago.

WANTED TO BUY OR RENT—About 5,000 or 10,000 sq. ft. of glass; place must be in good condition; southern states preferred. Address No. 158, care Florists' Review, Chicago.

WANTED—The address of Adolph Nelson, formerly of Christiania, Norway. Communicate with C. G. Anderson, care Geo. Wittbold Co., Edgebrook, Chicago, Ill.

WANTED PARTNER—With capital, in a growing establishment, 5 acres with 10,000 feet of glass; I do exclusively a shipping business of rooted cuttings, 2-inch stock, and high-grade florists' seeds; business was established 4 years ago and has steadily grown, specializing in 2 articles; office work and general management now too much for me; partner has to take charge of growing of stock, must be a hustler, good manager, be thoroughly firm in propagating; European experience preferred. Address No. 132, care Florists' Review, Chicago.

WANTED—At once, experienced up-to-date florist and vegetable grower under glass; specialties, carnations and potted plants, also lettuce, cucumbers and tomatoes; I have an exclusive vegetable market, city 10,000 population, west Michigan; party must be married, a teetotaler, honest and a hustler; best references as to ability and competency in taking complete charge of place; will let place on shares to right man; past sales averaging $400.00 per month; an excellent opportunity; failing health only reason for such a chance. Address No. 161, care Florists' Review, Chicago.

FOR SALE—Flower and vegetable greenhouse plant; 5 acres good land; dwelling and other outbuildings; 25,000 sq. ft. glass; for $4,000; must be sold on account of poor health. C. D. Wilent, Shreve, O.

FOR SALE—Up-to-date, well stocked, recently built greenhouses in a live northern Ohio town; large acreage of No. 1 soil; very best location and shipping facilities. Address No. 163, care Florists' Review, Chicago.

FOR SALE—One of the oldest established greenhouse businesses in Tennessee, about 15,000 sq. ft. of glass and about three acres of land; good local and shipping business; full particulars on application. Address No. 145, care Florists' Review, Chicago.

FOR SALE—A good live business and stock in an up-to-date lively factory town of 6000; will lease modern residence, greenhouses and land for a term of years; only those who mean business need to reply; southern Michigan. Address No. 134, care Florists' Review, Chicago.

FOR SALE—Eight greenhouses, 100 ft. long, containing about 16,500 ft. of glass, in the Kentucky blue grass country; on a lot 160 ft. front and 1,000 ft. deep; situated on the best street in a college town of 6,000 people, surrounded by a rich farming country; the houses are all planted, ready for the fall trade; the sales each year are almost equal to the price asked; no competition; steam heat, city water; everything in running order. S. M. Harbison, Danville, Ky.

FOR SALE—Old established business in one of the best cities in central Illinois; 5 R. R., and an interurban every hour, 38 mail trains daily; 8000 ft. of glass, in good running order; the best of retail trades; no competition; hot water heat in both residence and greenhouse; city water; doing almost as much business as called for by the glass and business; will give lease on real estate or will sell all; if you want a real bargain and have the money, write. Address No. 155, care Florists' Review, Chicago.

FOR SALE—Well established florist business in town of 10,000, with good resort trade; 9,000 ft. of glass in two modern King Construction Co. houses; Kroeschell hot water boiler; well stocked for winter and in good shape; we operate a store in a good location downtown, which we will rent if desired; greenhouse plant, with lease on land, $5,000; will also sell residence and land, if desired; write for details and a photo of plant, or call and investigate for yourself. The Flower Shop, Chas. S. Dutton, 24 W. 8th St., Holland, Mich.

FOR SALE—5 greenhouses, the best money-maker in the west. Amarillo Greenhouses, Amarillo, Tex.

FOR SALE—Florist, B'dway below 110th st., select trade, 5 yrs., sell for cash; investigation by appointment with principals. Retail, Box 545, New York, N. Y.

FOR SALE—No. 3 Kroeschell boiler, used 3 seasons, as good as new; price right if taken now, as I need the room. Address Carl R. Lloyd, Sweet Hill Greenhouses, Plaistow, New Hampshire.

FOR SALE—The long established florist business of John E. Haines, Bethlehem, Pa., recently deceased; 24,000 feet of glass; the business is now successfully and profitably conducted by his executor, but must be sold to carry out the provisions of his will. L. F. Leibfried, Executor, Estate of John E. Haines, dec., Bethlehem, Pa.

Cash For Your Property or Business. I bring buyer and seller together, no matter where located. If you want to buy or sell, address FRANK P. CLEVELAND, 2708 Adams Express Building, Chicago, Ill.

HELP WANTED

Man experienced in handling and packing cut flowers. Apply at once, to

Bassett & Washburn,

131 N. Wabash Ave. CHICAGO

Landscape Gardeners

will find it to their interest to read **Park and Cemetery** and **Landscape Gardening** regularly. Some gardeners consider it the best journal on landscape gardening. Send 25c for two copies and special offer to new subscribers.

R. J. HAIGHT, 440 So. Dearborn St., CHICAGO

Mention Florists' Review.

BARGAINS in Return Steam Traps, Reducing Valves, Blow-Off Valves, Water Circulators

ROBERT ROSS JONES & BRO.

HARRISBURG, PA.

For Sale Quick

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"Is the tomato a fruit or a vegetable?" The next time someone puts that question to you, reply that unquestionably it is a vegetable—there is a United States Supreme Court decision to that effect. Mr. Justice Gray wrote the unanimous opinion of the court. He said: "Botanically speaking, tomatoes are the fruit of a vine, just as are cucumbers, squashes, beans and peas. But in the common language of the people, whether sellers or consumers of provisions, all these are vegetables, which are grown in kitchen gardens, and which, whether eaten cooked or raw, are * * * usually served at dinner in, with or after the soup, fish or meats, which constitute the principal part of the repast, and not like fruits generally, as dessert." 149 U. S., 304.

STEM-ROT OF LETTUCE.

Please tell me the cause of stem-rot in lettuce, and suggest a remedy. I have one house of lettuce which acts in a way that I can not understand. When just ready to use, the under leaves begin to spot and the stems rot close to the earth. Any help that you can give me will be gratefully received.
W. A.

Stem-rot of lettuce is a fungous disease, which flourishes in such dark, rainy weather as we have had lately. If it gets a start, the spores are spread rapidly and find ideal conditions for germination. Sunshine and fresh, cool, dry air are the enemies of all fungous diseases. Do not water your lettuce any more until the soil is thoroughly dry and needs water. Then water only on the ground between the plants; do not wet the leaves. Keep a little air on the house at night and keep it wide open in the daytime. Pull up the diseased and unsalable plants and scatter a little air-slaked lime on the soil where they were. H. G.

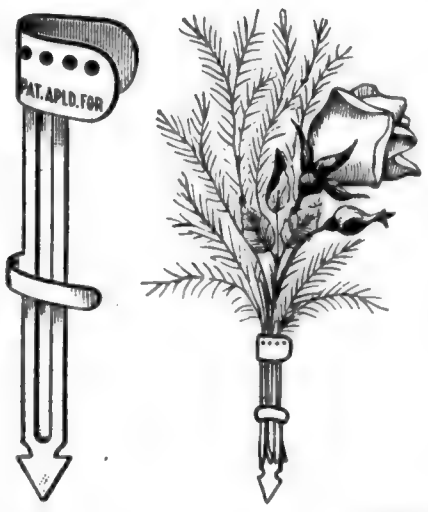
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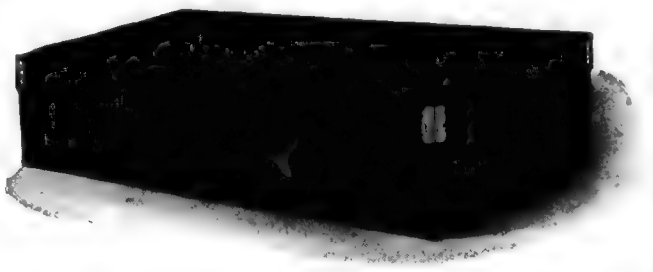


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Universally used for shipping cut flowers and designs. The dead-air cells form a perfect non-conductor of heat and cold, thus preserving contents much longer than ordinary wood box.

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The best and neatest Cut Flower box on the market today.

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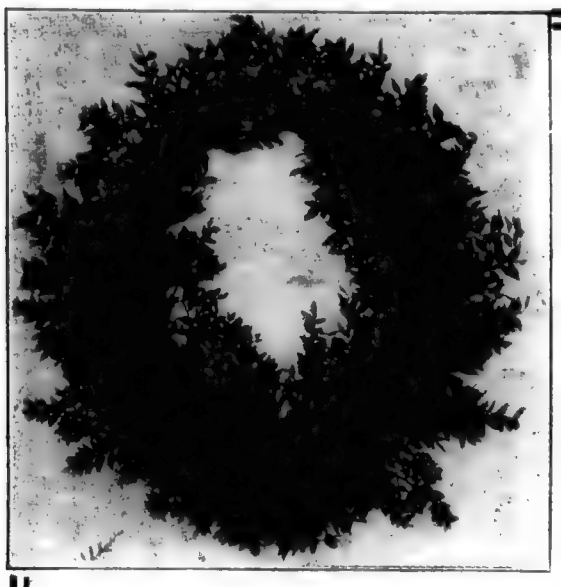
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and a Complete Ass

FLORISTS'

WE CAN HANDLE ALL YOUR ORDER

In our Cut Flower Department we are in a position to please the most critical b by those whose requirement is quantity. In our Florists' Supplies Department we plies in America. Come and see them. It's worth the trip to everyone within 100

CHRISTMAS RIBBONS SPECIALS

We are doing an enormous business in Ribbons, Chiffons, Nettings and Ties simply because of the merit of our line and the reasonableness of our prices. We carry a full range of colors in several qualities of silk taffeta and satin taffeta, each the best that the money will buy. Here are **four splendid lines** that we are selling to flower stores all over the country. Prices per bolt:

Pattern 1000 silk taffeta		Pattern 2000 silk taffeta		Geraldine satin taffeta		Our Leader satin taffeta	
No.	Width inches		Width inches		Width inches		Width inches	
5	1	$0.35	1	$0.40		1	$0.45
7	1¼	.40	1¼	.55		1 1/16	.65
9	1½	.50	1½	.75		1⅝	.80
12	2	.65	2	.85		1⅞	.95
16	2¼	.75	2¼	.95	2¼ $1.00	2¼	1.20

Pattern 1000 silk taffeta		Pattern 2000 silk taffeta		Geraldine satin taffeta		Our Leader satin taffeta	
No.	Width inches		Width inches		Width inches		Width inches	
22	2⅝	$0.85	2⅝	$1.05	2¾	$1.20	2¾	$1.35
40	3⅛	.95	3⅛	1.25	3 1/16	1.35	3 1/16	1.60
60	3½	1.20	3½	1.55	3⅝	1.60	3⅝	1.80
70	4½	1.40	4½	1.70	4¼	1.80	4⅛	2.25
100	5	1.50	5	1.75	4⅝	1.95	5	2.50

None of these patterns can be equaled at the prices. A perfect holly red in each one—stock up for Christmas.

A special Ombre Ribbon, 5½-inch, at $2.50 per bolt. Comes in the following colors: American Beauty shading to green; Killarney; Yellow. Perfect flower and foliage matches.



HOLIDAY BASKETS

We have an immense assortment of Novelty Baskets for Christmas, for plants and cut flowers. Prices from 12 cents up. Let us send, now, an assortment at $5.00, $10.00, $15.00, $25.00 or up. Make your selection in your own store. If the baskets we send are not what you want, or if the prices don't suit, ship them back to us. That shows our confidence in our goods.

VELVET POINSETTIAS

Extra large, finest made, splendid color, per doz., $2.25; per 100, $16.50.

POT COVERS

Crepe paper, Porto Rican and Chiffon Mats, a full assortment, all colors, prices the lowest. Send for list.

WIRE RINGS

For holly wreaths, 10-inch, per 100, 50c; 11-inch, 55c; 12-inch, 60c; 14-inch, 70c. We make everything in wire at closest prices. Write for special quotations on quantities.

BOXES

We carry a very large line of cut flower, design, violet and corrugated boxes. Couldn't price them all in this entire advertisement. Send for catalogue.

Our Twine, Thread

has control of the largest Threads, Tapes, Twines, Cord **of florists,** of any concern in t sive arrangements with severa this line and are able to ma be touched elsewhere. As t Tapes, Twines, etc., it is top

HERE ARE A F

Tinsel Cords { Violet, Nile G tube, 20 ; Silver and Go

Florists' Thread { Linen, s servi larit

result of handling in great quant

GREEN COTTON TWINE, 4-p

There are dozens of other s logue, sent f

NATURAL

PREPARED DECORATIVE MATERIAL

The sale of this class of stock has increased wonderfully of late—these articles have become almost indispensable in the up-to-date flower store.

RUSCUS

Red, Green or Purple, $1.00 per lb.

This is the finest quality. Ruscus loses color if not reasonably fresh. We do our own dyeing and our stock is real Christmas red. Ours goes twice as far, pound for pound, as other stock we have been offered.

RED RUSCUS WREATHS

Extra full, per doz., 12-inch, $5.00; 14-inch, $8.00; 18-inch, $12.00; 20-inch, $15.00; 24-inch, $20.00.

PREPARED OAK SPRAYS

Special, 50c lb.

We have sold thousands of pounds of these—nothing ever proved a better seller. Wonderful help for decorators.

BEECH SPRAYS

For Design Work, special, 35c per lb.

These are a rich brown, great for designs. Once tried, you will never be without them. Beech branches, for decorating, splendidly dyed, brown, red or green, $1.50 doz.; $10.00 100.

Our New Specialty Catalogue, just issued, describes and prices a great variety of Xmas Wreaths made up of Natural Prepared Material.

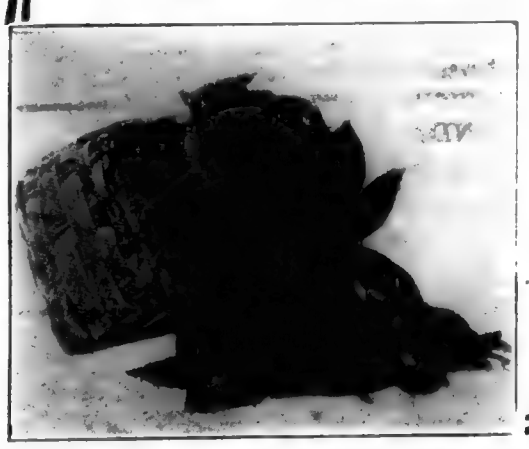
MAGNOLIA LEAVES

For a number of years we have been getting these from the foremost concern in this line. Uniform color and appearance. Will keep indefinitely. Brown, per hamper, $2.25; green, per hamper, $2 50.

LAUREL OR BAY LEAVES

Getting very popular. With suitable flowers makes an artistic design. Nothing better for wreath purposes. Brown or green, per hamper, $2.50.

Special Prices on Quantities



A. L. Ran

Everything for Florists,

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SUPPLIES

S TO YOUR COMPLETE SATISFACTION

yers and at the same time our supply of stock is so large that we can do equally well arry every article used in the trade in complete assortment, the largest stock of Supmiles of Chicago.



MUMS! MUMS!! Large and Small, all Colors—Prices

We are right now, we have been all season and we shall be for Thanksgiving, western headquarters for Mums. The late varieties are on and the quality now offered is the best of the season. Whether grown three or four flowers to the plant, or just one big bloom, these are splendidly finished and sell on their merits. We expect to have our usual large supply for Thanksgiving. Now booking orders.

KILLARNEY AND WHITE KILLARNEY

Our best and largest growers are just on with heavy crops of splendid Killarneys. This is stock that can't be beaten for length of bud, richness of color or character of stem. Order these now and you will ask us to book your Christmas order. Note that a big crop now means another for Christmas. Now booking orders for Thanksgiving.



ORCHIDS

Nowhere is there a finer supply of Cattleyas. So good are these that many buyers have placed standing orders for daily or every other day shipment. Don't **you** want to do the same?

VIOLETS

Let us add a few Violets, double or single, to your order. When you see the quality of the stock as it reaches you, you will want them regularly. You can make a good profit.

GROWERS, ATTENTION!

Our connections with the **best** growers in all lines put us in exceptional position to supply young stock.

MUMS, ROSES, CARNATIONS, Etc.

of the very highest quality. Every grower who has found a profit in Golden Glow mums will want to try

SMITH'S ADVANCE,

the earliest white—it came in fine shape and made big money for the growers this year. With early cuttings you can get it in bloom any time you want it. We are supplying stock from a grower who made a great success with it, 2-inch pots, $1.25 per doz.; $10.00 per 100. Can arrange early deliveries. **We offer all the novelties in Roses, Carnations or Mums** at introducers' prices. Also all the standard varieties. Arrange with us now to supply your young rose stock, own root or grafted.

Write us about your needs.

QUALITY CARNATIONS QUANTITY

The call for Carnations is growing stronger every day—buyers increasing their orders because of the splendid satisfaction our stock invariably gives. We have quality in quantity. Long distance shipments our specialty. Try a shipment now—we want your Thanksgiving order.

VALLEY

Can ship fancy Valley in any time and in any quantity. We always have it.

LILIES

We are headquarters for Easter Lilies. The supply will increase rapidly when Mums go out.

You can get here Everything in Green Goods, of Best Quality and at Closest Jobbing Prices

NOW BOOKING CHRISTMAS ORDERS

HOLLY BOUQUET GREENS MISTLETOE HOLLY WREATHS
EVERGREEN WREATHING LAUREL WREATHING
WINTER BERRIES BOXWOOD WILD SMILAX

Don't place orders elsewhere without getting our quotations. We meet the market, always, and usually can go one better on any price that is quoted, always considering that best grades are wanted. We do not handle the berryless holly or dried out, colorless greens.

d Rope Department

nd most extensive stock of , Ropes, etc., **for the spedial use** s country. We have exclu- of the best manufacturers in e prices that cannot possibly the quality of our Threads, otch in every respect.

W SPECIALS:

een, Moss Green, Red, per ¼-lb. r lb., 70c.
per ¼-lb, tube, 25c; per lb., $1.00.
cial heavy, green. This is a strong, ble thread and is growing in popuht along. The low price is the . 8 spools in lb. box, $1.00.
30 balls to the bag, $1.65 per bag.
od things listed in the Cata- the asking.

We have just issued a New Catalogue of things you need now. If you haven't received a copy, clip the coupon.

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A. L. RANDALL CO.
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GENTLEMEN:—

Haven't received my copy of your **New Catalogue** of "Specials that are Specials." Please send it today.

Name .....

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DAVID CLARKE'S SONS

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Our Sixty-second Annual

Thanksgiving Greeting

To Our Friends and Customers.

1911

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Palms, Ferns and Blooming Plants

By any Floricultural Establishment in New York

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Out-of-town Orders for Thanksgiving Delivery

In New York, carefully and promptly filled at reasonable prices.

Mention The Review when you write.

MYER THE FLORIST

609, 611 Madison Avenue NEW YORK

Long Distance Telephone 5207 Plaza

¶Call me up, telegraph or write and have your New York Thanksgiving orders properly filled, promptly delivered, with the best the market affords and at reasonable prices.

Send your orders EARLY and FORGET THEM! There will be NO DISAPPOINTMENTS! NO MISTAKES. NO DELAYS. TRY ME!

Mention The Review when you write.

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Write for particulars to
IRWIN BERTERMANN, Secretary,
241 Massachusetts Avenue,
Indianapolis, Ind.

Mention The Review when you write.

FUNGUS IN CUTTING BENCH.

I am much troubled by the damping off of cuttings in the sand. Can I use a spray to kill the fungous growth? What is it and how do I use it?

J. M.

Possibly your drainage is not so good as it should be, below the sand. Then, again, if the sand itself is too fine, it will lack porosity and be more liable to cause damping. If the latter is the case, you can improve matters by mixing some fine charcoal with the sand. This helps to keep it sweet as well as open. To kill the fungi, stir up the sand well and run live steam in it, if you can possibly do so. Failing this, soak the sand well with boiling water. This will destroy all fungi and make the sand practically as good as new.

C. W.

Grand Forks, N. D.—Esther E. Kirkland is building a commercial greenhouse.

Seven Pages of Retailers' Cards

This department for the cards of Leading Retail Florists — those florists who have the facilities for filling the orders sent them by other florists — has made possible the recent rapid development of this branch of the business, a branch of the trade now established for all time and so helpful that its volume will keep on increasing for many years.

Are you sending and receiving your share of these orders? You can send your share (and make 20 per cent profit without effort) if you let your customers know you can perform this service for them. To receive your share—well, The Review's department for Retailers' cards remains the one way of getting prompt action on the order in hand.

To be represented costs only 70 cents per week on a yearly order. This is for one-inch space. Other spaces in proportion.

Why not send your order today—now—before you forget it?

LOUISVILLE, KENTUCKY

JACOB SCHULZ, Flower Shop, 550 South Fourth Avenue, Greenhouses, 831 Cherokee Road.

Personal attention given to out-of-town orders for Louisville and surrounding territory.

E. R. FRY, Florist
Rochester, N. Y.
I have constantly on hand a seasonable variety of fresh cut flowers, which I will deliver promptly in Rochester and adjoining towns.

KENOSHA, WIS.
and all points between
CHICAGO AND MILWAUKEE
Mail, wire or phone your orders to
P. N. OBERTIN, 567 Chicago St., KENOSHA, WIS.

Cincinnati, Ohio
C. E. CRITCHELL
Wholesale Florist
Will take care of your orders in OHIO, INDIANA, KENTUCKY.

Lexington, Ky.
JOHN A. KELLER, Florist
High Grade Cut Flowers and Designing : : : :
All orders entrusted to us for Central Kentucky will have careful attention.

Lang Floral & Nursery Co., DALLAS, TEXAS
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

Prompt and personal attention given all orders.
MRS. J. T. HINCHLIFFE
FLORIST
504-506 Wisconsin St., Racine, Wis.

Special care taken with telegraph orders for
DETROIT AND VICINITY
L. Bemb Floral Co., Albert Pochelon, Prop., 153 Bates St.

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The Leading Florist of the South
All Orders Given Special Attention

GEO. C. BAKER, Florist
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LEADING FLORISTS
Members Florists' Telegraph Delivery Ass'n.

C. L. VAN METER, Florist MONTICELLO, IA.
Orders solicited to be delivered anywhere.
Specialist in Cut Flowers and Designs

THIS DEPARTMENT PAYS.

In sending their check for $9.10, to pay for a ½-inch card for six months in this department of The Review, McFarlands, Akron, Ohio, wrote on the bottom of the statement:

It is a good adv.; none better; have had a number of orders from it.

It is worth while noting that Akron is a city of 69,067 population. There are plenty of other larger places not yet represented in the department that have larger populations and would naturally get more exchange orders.

DENVER.

The Market.

A complete clean-up has been the rule each day for the last two weeks, and business compares favorably with the same period a year ago. This is due to funeral work. The largest funeral in some time, from a florist's viewpoint, was that of ex-Governor J. B. Grant, where a small fortune was represented in flowers. Long Beauties were in demand and the grower who was fortunate enough to have a crop on had no trouble in disposing of them. Prior to the funeral there was practically no call for Beauties and for a while it looked as though they would be a loss, but such was not the case.

There are many chrysanthemums on the market, but apparently there is room for all of them. Prices are low, and that fact may have some influence in moving them quickly. The football season is on, but the chrysanthemum no longer seems necessary for the success of the game. About one-fourth as many

BUTZ BROS.
Established 1851
New Castle, Pa.
Orders executed between Pittsburg and Erie and all western Pennsylvania points.

Canada's Florist
Dunlop's
96 Yonge St., TORONTO

"WE NEVER SLEEP"
IDLEWILD GREENHOUSES, **Memphis, Tenn.**
89 South Main Street
"Up-to-the-minute" Service and Execution.
Every Flower in Season.

WILSON BROOKLYN
New York
Telephone, 6800 Prospect

Louisville, Ky.
F. WALKER & CO., 634 Fourth Ave.

Pontiac, Ill. W. J. Miller & Son 412 E. Payson St.
All orders receive prompt and personal attention.

LOU HELEN DUNDORE, THE ROSERY
110 W. King St., LANCASTER, PA.

CORNELL and WELLS COLLEGES and
CENTRAL NEW YORK ORDERS
Dobbs & Son, Wholesale and Retail Florists, Auburn, N.Y.

MINNESOTA NORTH DAKOTA MONTANA
SMEDLEY & CO.
Fargo, North Dakota and Miles City, Montana

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Bell Main 2809
Cuy. Central 1866

The Smith + Fetters Co.

LEADING FLORISTS

735 Euclid Ave., CLEVELAND

Samuel Murray

KANSAS CITY, MO.

913 Grand Ave.

All Orders given Prompt and Careful Attention

Member of the Florists' Telegraph Delivery.

Cable and Telegraph, Franzen. Phone Rav. 2876

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1476-78 SUMMERDALE AVE.

TRENTON, N. J.

MARTIN C. RIBSAM

THE FLORIST

Messenger delivery to Princeton, New Brunswick, Bordentown, Hightstown, Lawrenceville and Lambertville, N. J.

Send You **PHILADELPHIA** Orders to...

CHARLES HENRY FOX

BROAD AND WALNUT STREETS

Always on time

Rockford, Ill., H. W. Buckbee

S. B. STEWART

119 No. 16th St., OMAHA, NEB.

Wholesale and retail orders for CUT FLOWERS, FUNERAL DESIGNS, etc. by telegraph will receive prompt attention at

IRA G. MARVIN'S, Wilkes-Barre, Pa.

Benson's Flowers

Indianapolis, Ind. DELIVERED ANYWHERE

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Prompt Attention Given to Out-of-town Orders

Orders for **Charleston, W. Va.**

are given prompt and careful attention by the

CHARLESTON CUT FLOWER AND PLANT CO.

Brockman's Flower Shop **Fort Smith, Ark.**

Leading florists in fastest growing city in the southwest.

ADVANCE FLORAL CO., Five Phones

C. M. Schaefer, Mgr.
Leading Florists

44 TO 52 ARCADE, - - **DAYTON, O.**

J. F. WILCOX & SONS, 521 Broadway, Council Bluffs, Iowa.

Wholesale and Retail

Largest Greenhouse Establishment West of Chicago.

Orders delivered anywhere, including Iowa, Nebraska, North Dakota and South Dakota. Free deliveries to Omaha.

MILLS THE FLORIST, Inc.

36 W. Forsyth Street

Jacksonville, Fla.

We reach all Florida and South Georgia points.

Send flower orders for delivery in

BOSTON AND ALL NEW ENGLAND POINTS

To THOS. F. GALVIN, Inc.

124 TREMONT ST. BOSTON

North Dakota IOWA All Orders Promptly and Properly Executed.



South Dakota MINN. 40,000 feet of Commercial Cut Flowers.

The Newburys, Mitchell, S. D.

---

mums are sold now as there were three or four years ago. Something extraordinary should be done to revive the custom.

Carnations are not equal to the demand. Many growers are troubled with stem-rot this year; others planted their stock late and are cutting only a few. The prospect for Christmas, however, is bright, as everyone expects to be in crop at that time.

Violets are not a complete success this season. The plants are making slow progress, and in some instances are affected with "smallpox." It is necessary to go over three or four houses to get a few hundred blooms, and the violet growers are losing patience. The price has been raised from 50 cents to $1 per hundred, although the quality is not first-class. Shipments of violets from California are coming in, but fastidious buyers will not tolerate them. They have no fragrance, half of the blooms are asleep when they arrive, and the other half go to sleep almost as soon as they are exposed to the air. It is a question whether or not one comes out even on these violet shipments. The mercury hovered around the zero point November 11 and 12, making it impossible for the violet peddlers to stand in the streets.

Various Notes.

The Colorado Florists' Club held its monthly meeting November 6 at T. M. A. hall. About twenty-five members were present. The officers nominated at the previous meeting were elected: President, A. H. Bush; vice-president, E. S. Kennedy; secretary, E. P. Neiman; treasurer, B. Boldt; trustees, Emil Glauber, E. S. Kennedy and C. R. Root.

Established 1859.

A. Wiegand & Sons

Florists and Decorators

1610 to 1620 N. Illinois St., Indianapolis, Ind.

Indiana's oldest, largest and most complete retail establishment.

Oklahoma City, Okla.

THE STILES CO.

Best able to fill orders for delivery in Oklahoma

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325 Morrison Street

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Portland, Ore.

The Fernery **SCHULTHEIS, FLORIST**

Write, Phone or Wire 613 Linden St., **SCRANTON, PA.**

Orders for southern MINNESOTA and northern IOWA will be properly cared for by

A. N. KINSMAN, Austin, Minn.

INDIANA and ILLINOIS

Promptness and very Freshest Flowers.

N. B. & C. E. STOVER, 118 So. 6th St., TERRE HAUTE, IND.

Frey & Frey, 1338 O St. **Lincoln, Neb.**

Wholesale and Retail

100,000 sq. ft. of glass at your service. Trade discount

Minneapolis, Minn. LEADING FLORISTS

SWANSON'S, 618 Nicollet Ave

DRUMM SEED and FLORAL CO.

507 Houston St., FORT WORTH, TEX.

Headquarters for Cut Flowers and Funeral Designs

J. J. BENEKE

1216 Olive St. ST. LOUIS, MO.

Baltimore, Md.

ALBERT G. FIEDLER & CO., 902 South Charles St.

I. N. KRAMER & SON

CEDAR RAPIDS, IA.

Colorado Springs, Colo.

FRANK F. CRUMP Wholesale and Retail Florist

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order

LOUISVILLE, KENTUCKY — M. D. REIMERS

New Location, "THE SEELBACK," and 223 S. FOURTH AVENUE

CHOICEST CUT FLOWERS

PERSONAL ATTENTION GIVEN TO OUT-OF-TOWN ORDERS

Orders for

BIRMINGHAM, ALA.

Well taken care of by

AMZI GODDEN SEED CO.

Established 1857.

Facilities for supplying everything in the line of CUT FLOWERS AND DESIGNS

BUFFALO

S. A. ANDERSON

440 MAIN STREET

Special Deliveries Niagara Falls and Lockport

Your orders for ATLANTIC CITY, N. J., will be carefully filled by

George H. Berke

1505 Pacific Ave.

Write, Wire or Phone your orders to

YOUNG'S

1406 Olive St., ST. LOUIS, MO.

Regular discount allowed on all orders, either Plants or Cut Flowers.

Phones: Bell, Main 2306; Kinloch, Central 4981

SAN FRANCISCO

Podesta & Baldocchi

224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

The Cleveland Cut Flower Co.

CLEVELAND, OHIO

Will fill your orders for Designs or Cut Flowers in Northern Ohio.

MARION FLORAL CO., **Marion, Ind.**

Central Northern Points. Store: 406 South Adams

MRS. J. B. FREEMAN, LEADING FLORIST, Successor to Geo. A. Heinl **Toledo, Ohio**

All Orders Promptly Executed.

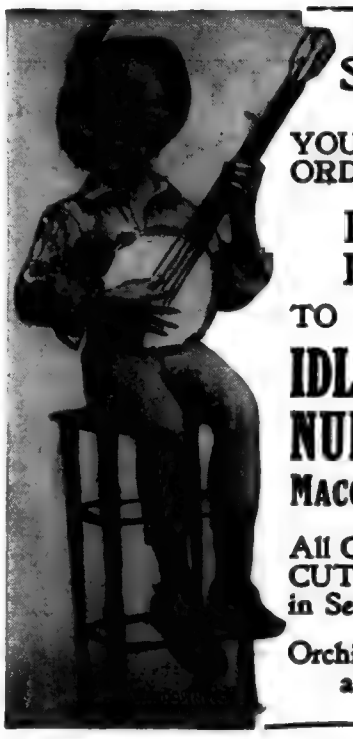
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and all New Engl nd Points

T. J. JOHNSTON & CO. 171 Weybosset Street, Providence

BEYER FLORAL CO. SOUTH BEND, IND.

Daily deliveries to Notre Dame University and St. Mary's Academy.



SEND YOUR ORDERS FOR DIXIE LAND TO

IDLE HOUR NURSERIES

MACON, GEORGIA

All Choice CUT FLOWERS in Season

Orchids and Valley a specialty

George G. McClunie, Florist

175 Main St., HARTFORD, CONN.

Orders solicited for delivery any place on earth. Floral Designs a Specialty.

No bowling team has been organized, because it is impossible to get a sufficient number to join. George Braun suggested to the meeting that in his opinion a flower show could profitably be held in the fall of 1912. His suggestion was taken up by other members, and by vote of those present a special meeting was called for Monday evening, November 13, to decide whether or not it would be advisable to proceed with that end in view. The decision will be announced in the next Denver report.

The Park Floral Co. sent cards by mail to its customers inviting them to visit its greenhouses during the first week in November, when they would be given an opportunity of seeing chrysanthemums as they are grown on a modern commercial place. A touch of formality was added by serving tea to all those who called.

Thomas McDonald, who for some time conducted the flower store at Fifteenth and Lawrence streets, and later was in the employ of the Speth Floral Co., has opened a store on Welton street, near the office of the Rocky Mountain News.

The new store of the Daniels & Fisher Stores Co., during the formal opening last week, was elaborately decorated. Many potted chrysanthemums were used and also quantities of cut flowers, palms and ferns. After the opening all the plants used in decorating were placed on sale at reduced prices.

The valley that Emil Glauber is now

We Guarantee Satisfaction

A. T. Bunyard FLORAL CO.

413 Madison Ave., Cor. 48th St., NEW YORK

Bellevue Avenue, Newport, R. I.

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand.

McKenna

MONTREAL

JOHN BREITMEYER'S SONS

Corner Broadway and Gratiot Ave.,

DETROIT, MICH.

FRED EHRET

WHOLESALE AND RETAIL FLORIST

1407 Fairmount Ave. and 702 N. Broad St.,

PHILADELPHIA

Orders for Philadelphia and surrounding country carefully filled on short notice.

Telephone 334 Main

S. Masur

236 Fulton St., Brooklyn, N. Y.

VASSAR COLLEGE

The Saltford Flower Shop, Poughkeepsie, N. Y.

WELLESLEY COLLEGE

Dana Hall, Walnut Hill, Rockridge Hall Schools

TAILBY, Wellesley, Mass.

Long Distance Tel., Wellesley 44-1, 44-2, 44 3.

TEXAS Dallas Floral Co.

DALLAS, TEX.

H. F. GREVE, Prop.

Rosemont Gardens

W. B. Paterson, Prop. 116 Dexter Ave., MONTGOMERY, ALA.

HESS & SWOBODA, FLORISTS

Telephones 1501 and L 1582

1415 Farnum Street OMAHA, NEB.

U. J. VIRGIN

838 Canal St. NEW ORLEANS, LA.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

DARDS, N. E. Cor. 44th Street and Madison Avenue, NEW YORK
Telephones 4025-4026, 38th Street,

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union — Established 1874

WILSON DELIVERS EVERYWHERE
New York New Jersey Long Island
BROOKLYN
3 AND 5 GREENE AVENUE
Tel. No. 6800 Prospect

The Livingston Seed Co.
FLORISTS
COVER ALL OHIO POINTS
114 N. High Street, COLUMBUS, OHIO

PORTLAND, ORE. Clarke Bros. FLORISTS OAKLAND, CAL.

KALAMAZOO, MICH.
G. Van Bochove & Bro., The Leading Florists

LA CROSSE FLORAL CO. **La Crosse, Wis.**
will properly execute orders in Wisconsin or the northwest.

LINCOLN, NEB. CHAPIN BROS. Retail Florists
Flowers for All Occasions, from Cradle to Grave

E. O. LOVELL GRAND FORKS
Will give prompt attention to all orders for delivery in North Dakota

A. C. BROWN, SPRINGFIELD, ILLINOIS
LARGE GREENHOUSES

Boehringer Bros.
325 Park Avenue, BAY CITY, MICH.

TERRE HAUTE, IND.
JOHN G. HEINL & SON 129 South 7th Street

Mrs. M. E. Hollcraft
807 Kansas Ave., TOPEKA, KAN.

MICHIGAN Orders will be carefully cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS

Minneapolis Floral Co., WHOLESALE and RETAIL FLORISTS
MINNEAPOLIS, MINN.
Funeral designs on short notice. One of the largest establishments west of Chicago.

Send Orders for **Washington, D.C.** and vicinity to **Blackistone** Everything First-Class
14th and H Streets

Hollywood Gardens
Artistic Florists and Decorators
Phone Main 1005
1534 Second Ave., SEATTLE, WASH.
Orders given prompt attention

Evanston and Chicago
JOHN WEILAND, EVANSTON, ILL.

Deliveries to Northwestern University and all North Shore Towns.
FISCHER BROS. 614 Dempster St. EVANSTON, ILL. L. D. Phone 2642

MONTREAL, We can fill all orders.
HALL & ROBINSON, 625 St. Catherine Street, West

Colorado Springs, Colo.
Orders Carefully Executed
PIKES PEAK FLORAL CO.
Wholesale and Retail

H. W. FIELD, The College Florist
NORTHAMPTON, MASS.
Home of Smith College
Send your orders to him for prompt and careful attention.

DALLAS, TEXAS
The Texas Seed & Floral Company
Orders for cut flowers and designs solicited for delivery in any part of Texas.

Pittsburg, Kan.—Bartlesville, Ok.
THE STEINHAUSER FLORIST & NURSERY CO. (Inc.)
Growers and Shippers—Wholesale and Retail
Out-of-town orders given special and personal attention. Give us a trial.

South and Southwest Texas and sailing from Galveston
H. H. KUHLMANN, Florist
2507 Jackson St., S. W. Phone, Hadley 1926-2390
2526 Washington St., Opp. Glenwood Cemetery, S. W. Phone, Taylor 628-1081.
Up town, 913 Main St., S.W. Phone, Preston 7741
HOUSTON, TEXAS

TRILLOW FLORIST Des Moines, Iowa
Will promptly execute all orders in this vicinity.

Aurora, Ill. Jos. M. Smely
and vicinity Phones 147

Richmond, Ind.
FRED H. LEMON & CO.
Florists and Decorators. Send us your orders.

W. P. McFARLAND L. C. McFARLAND
McFARLANDS, Florists
AKRON, OHIO

bringing in is extra fine, having stems nearly eighteen inches long. Mr. Glauber has a sash house filled with chrysanthemums and expects to cut from $400 to $500 worth of blooms for Thanksgiving. The house is rather dark, and he has no trouble in holding the flowers until that time.

Cupid has undoubtedly been working overtime among the florists, there being three weddings in less than two weeks. None of them were boosters for the business, for instead of a fine wedding decoration, bouquets and boutonnieres, they went off quietly, never telling anyone about it until it was all over. The first was N. A. Benson—he had been married almost a week before it was discovered. Then cards were received announcing the marriage of Thos. W. Hannah, manager of the Denver Wholesale Florists' Co., and Miss Ruby A. Ordway, Saturday, November 4. Saturday, November 11, a marriage license was issued to George W. Graul and Mary Weishaupl.

Carl L. Gross is contemplating moving this week from 131 Broadway to 136 Sixteenth street.

At the apple show next week the exclusive right to sell flowers has been granted to W. C. Walter. He will have two booths and a number of flower girls.

Fred Hall is cutting some fine Richmonds, and also some extra good Beauties. His house of Adiantum Croweanum is beautiful, every plant being in perfect condition.

John Satterthwaite, of the Curtis Park Floral Co., was confined to his

LEADING RETAIL FLORISTS

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Alexander McConnell

611 Fifth Avenue, Windsor Arcade — **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Calls: 340 and 341 38th Street — Cable Address: ALEXCONNELL — Western Union Code

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, Pittsburg, Pa.

Largest Floral Establishment in America

Established 1874--Incorporated 1909

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

Winona and Rochester, Minn.

For prompt and particular attention send your orders for Southwestern Wisconsin and Southern Minnesota to

John Fuhlbruegge

Grower and Retailer

ST. PAUL, MINN.

The Largest Store in America.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

PASADENA, CAL.

13 East Colorado St.

The Orchid

Also all Los Angeles orders promptly filled.

MRS. LORD'S FLOWER ROOM

112 W. 8th Ave., TOPEKA, KAN.

STATE NURSERY CO.

CUT FLOWERS

155,000 sq. ft. of glass at your service. HELENA, MONTANA

Freeport Floral Co.

Telegraphic orders promptly attended to. FREEPORT, ILL.

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order.

11 North Pearl St., - ALBANY, N. Y.

Rock's Flowers Kansas City

Wm. L. Rock Flower Co.

KANSAS CITY, MO.

1116 Walnut Street

Members Florists' Telegraph Delivery

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Max Schling

NEW YORK

No. 22 West 59th Street

Adjoining Plaza Hotel

W. J. Lee FLORIST

Hippodrome Building.

44th STREET & SIXTH AVE.

TELEPHONE 714 BRYANT. NEW YORK.

STEAMER ORDERS A SPECIALTY.

HUGO H. JAHN

710 Nostrand Avenue,

Tel. No. 1952 Bedford. BROOKLYN, N. Y.

Will deliver to Steamships, Theaters, anywhere within 20 miles of New York.

ARTISTIC WORK. PERSONAL ATTENTION.

Special care of your telegraph orders.

CHICAGO

A. LANGE, 25 E. Madison Street

home last week with a slight attack of the grip.

The Park Floral Co. is preparing to send out its annual engagement book, a pretty little memorandum in which the society lady may enter her dates.

M. R. J.

ERIE, PA.

The Market.

Chrysanthemums are now in the height of their glory and much decorating is done with their aid. Parties and weddings are numerous here this month. There have been a number of funerals and much design work was in demand. Violets are plentiful and cattleyas are fine. Roses and carnations are good.

Various Notes.

Eric Thompson, a valued employee of Baur Floral Co., and Miss Caroline Horning, of Girard, were married November 4.

G. Hampton, representing H. F. Michell Co., Philadelphia, was in Erie last week.

John Eidens, formerly with Lake View Rose Gardens, Jamestown, is visiting the Erie florists this week.

Robert Greenlaw, representing S. S.

W. J. Palmer & Son

304 Main St., BUFFALO, N. Y.

Members Florists' Telegraph Ass'n

Orders by wire receive prompt and careful execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

ST. LOUIS, MO.

Flowers Delivered in City or State on Short Notice

F. H. WEBER

BOYLE AND MARYLAND AVENUES

Both Long Distance Phones

M. A. Bowe

IN HEART OF NEW YORK CITY

12 W. 33d Street, N. Y.

Opposite the Waldorf-Astoria.

Phone Madison Sq. 6404. Our Motto—The Golden Rule

MYER

Long Distance Phone 5297 Plaza

609-11 Madison Ave., NEW YORK

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CHICAGO

Send Your Orders to.. William J. SMYTH

Member Florists' Telegraph Delivery Association. Michigan Ave., at 31st St.

Established 1857.

Wittbold FLORIST

737-739 Buckingham Place

L. D. Phone 1112 Graceland CHICAGO

Send us your retail orders. We have the best facilities in the city.

"WE STRIVE TO PLEASE"

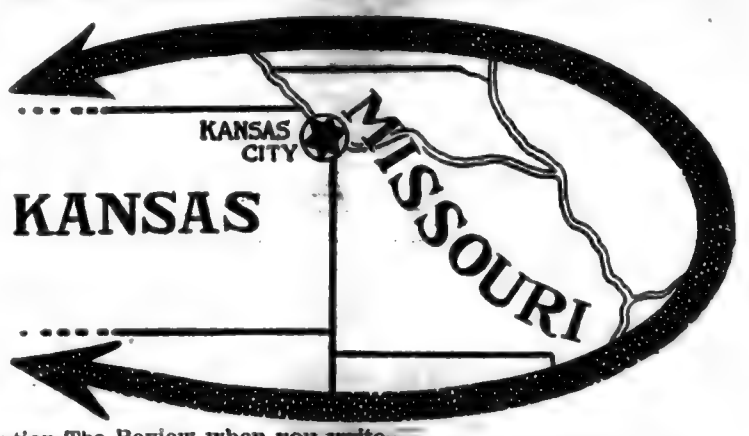
ALPHA FLORAL CO.

1105 WALNUT-PHONES 1806

Kansas City, Missouri

The largest Florists in the Central West

A. ELBERFIELD, Proprietor



Mention The Review when you write.

Write, Wire or Phone

JOHN WALKER

11 S. PHELPS STREET

Youngstown, O.

Careful attention given to out-of-town orders
Trade discount allowed.

CLEVELAND

...THE...

J. M. GASSER COMPANY

EUCLID AVENUE

We ship all points in Ohio. The best of everything in Flowers.

BOSTON, MASS.

Penn, The Florist

"Penn, The Telegraph Florist"
Wire us and we will reciprocate. We cover all points in New England.
37-43 BROMFIELD STREET

DENVER, COLO.

FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice.

Daniels & Fisher.

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver."

GEO. M. KELLOGG FLOWER & PLANT CO.

Wholesale and Retail Florists
1122 Grand Avenue, KANSAS CITY, MO
All Kinds of CUT FLOWERS
in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

YOUNG & NUGENT

NEW YORK : 42 W. 28th St.

In the theater district. Exceptional facilities for delivering flowers on outgoing steamers. Your orders will receive prompt and careful attention. Wire, telephone or write us.

H. F. A. LANGE

Worcester, Mass.

Delivers to all points in New England.
125,000 square feet of glass.

We are Prepared to Fill Orders for any Section of South Jersey at any time.

EDWARDS FLORAL HALL CO.

1700 Pacific Avenue,

Nurseries: Mediterranean and South Carolina Aves. ATLANTIC CITY, N. J.

Send orders for delivery in **ROCHESTER, N.Y.**
and all points in Western New York to
H. E. WILSON, 88 East Main Street

Baker Bros. Co. **Ft. Worth, Tex.**

Send Orders for the Southwest
Best Railroad Center in the State.

Battle Creek, Mich. S. W. CORGAN, Leading Florist

11 West Main St. All cut flowers in season. Funeral designs or potted plants. Careful attention and prompt delivery guaranteed to any part of Michigan.

MOBILE, ALABAMA

The Minge Floral Co.

CAPITAL CITY GREENHOUSE CO.

MADISON, WIS.
Order of us. Best shipping service for Wisconsin

Pittsburg, Pa. Jenkins Arcade

Karl Klinke All orders promptly attended to.

SIOUX CITY, IOWA Supplies western Iowa southern Minnesota, all of South Dakota, northeastern Nebraska.

J. C. RENNISON CO.

PEKIN — PEORIA

All orders receive personal attention.

GEO. A. KUHL, Pekin, Ill.

Hutchinson, Kansas

JOHN STAMM All orders receive prompt and careful attention.

Pennock-Meehan Co., Philadelphia, was a recent visitor in Erie.

Ora Hill has rented the greenhouses on Elliott avenue from the Mutual Building & Loan Association. These greenhouses were formerly owned by E. C. Hill.

Fire was discovered November 12 in the Majestic Theater building, back of the store of the Baur Floral Co. It was extinguished with chemicals. Damage, $300.

A. J. Baur has returned from a business trip to Pittsburgh.

W. O. Baur has returned from a trip to Butler, Pa. B. P.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Cameronia	New York	Glasgow	Nov. 18
Ausonia	Montreal	London	Nov. 18
Caronia	New York	Egypt	Nov. 18
P. Irene	New York	Genoa	Nov. 18
Tamba Maru	Seattle,	Hongkong	Nov. 21
Mauretania	New York	Liverpool	Nov. 22
Tenyo Maru	San Fr'sco	Hongkong	Nov. 22
La Provence	New York	Havre	Nov. 23
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Oruba	New York	Cuba	Nov. 25
Dominion	Philadelphia	Liverpool	Nov. 28
Lusitania	New York	Liverpool	Nov. 29
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Persia	San Fr'sco	Hongkong	Nov. 29
Marama	Vancouver	Hawaii	Nov. 30
Ivernia	New York	Naples	Nov. 30
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Caledonia	New York	Glasgow	Dec. 2
Ascania	Portland	London	Dec. 2
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Coombs, John
McClunie, G. G.
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Wholesale Grower,
Onion
Lettuce
Sweet Peas
Radish
Carrot

WALDO ROHNERT,
Gilroy, California.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Leonard H. Vaughan, Chicago; First VicePres., M. H. Duryea, New York City; Sec'y and Treas., C. E. Kendel, Cleveland, O.

VISITED CHICAGO: J. W. Jung, representing J. W. Jung Seed Co., Randolph, Wis.

IT has been wet in the Wisconsin woods, rain and snow, and little bouquet green has been picked lately.

THE government report shows the corn crop for 1911 to average 23.9 bushels per acre, comparing with 27.4 bushels last year and a 10-year average of 26 bushels.

JACOT & MULLEN, dealers in seeds, have been incorporated at Moorestown, N. J., with a capital stock of $100,000. The incorporators are: W. Jacot, of New York city; H. W. Doughten and E. A. Gill, of Moorestown.

ARTICLES of incorporation have been filed at Louisville, Ky., for the Hall Seed Co. Seeds and farm machinery and implements will be handled. The incorporators are E. C. Foltz, F. P. Hall and W. B. Bunton. Capital stock, $50,000.

ADVICES from Ordway, Colo., state that the cucumber crops in that vicinity were frozen before they were threshed and were then thawing out and soft, so the growers would not handle them. These conditions will cause a shortage with the parties to whom the crops are contracted, although to what extent can not be stated.

ONION SEED — ONION SETS

We are extensive growers and dealers. Write for prices on the 1911 crop. We are also submitting contract figures for the 1912 crop of Onion Seed.

SCHILDER BROS., CHILLICOTHE OHIO

Mention The Review when you write.

THE Southern Seed Co., of Louisville, Ky., has filed notice that it will cease doing business in Indiana.

THE Holland seeds are being shipped earlier this year than usual and the same is true of seeds from other parts of Europe. Weather conditions, while unfavorable to seed crops, assisted in ripening, harvesting, drying, cleaning, etc.

THE customs authorities still are busy adjusting protests on duty on hyacinth bulbs imported prior to the decision of the test case of Breck vs. United States. A large number of these protests were on the suspended file. Last week the board of appraisers followed the Breck decision in protests of F. L. Roberts & Co., Boston; H. Water, Philadelphia; Wm. Elliott & Sons, New York; American Shipping Co., New York, and two of the International Forwarding Co., Chicago.

DISCLAIMER UPHELD AGAIN.

Wisconsin Supreme Court Decision.

The Leonard Seed Co., Chicago, recently has secured a decision in the Supreme Court of Wisconsin, in a suit against the Crary Canning Co. that passes directly on the seedsmen's nonwarranty as embodied in the contract.



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The decision is of such general interest that it is printed here in full:

WISCONSIN—NO. 54.

Leonard Seed Co., plaintiff and respondent, vs.

Crary Canning Co., defendant and appellant.

On February 14, 1908, plaintiff and defendant entered into a contract whereby the plaintiff agreed to sell to the defendant certain varieties of seed peas. Among other things, the plaintiff

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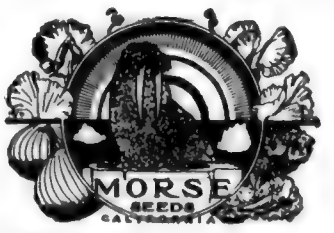
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agreed to furnish 1,000 bushels of Advancer peas. Such peas were to be grown during the season of 1908, to be delivered after harvest, but in season for the planting trade for the year 1909. A quantity of peas was delivered under this contract to the defendant, it giving its promissory notes in payment therefor according to the terms of the contract. The peas so sold were in turn sold by the defendant to various farmers for the purpose of planting; and under contracts by virtue of which the farmers agreed to sell the peas raised from such seed to the defendant. The plaintiff brought action upon the notes. The defendant, among other things, interposed a counterclaim setting forth that the peas furnished were not Advancer peas; that they were received by the defendant without knowledge of that fact; that there was no means of discovering that they were not Advancer peas until after they had been sowed and the seed had germinated, and that as soon as the defendant discovered that the peas were not of the variety purchased it notified plaintiff. The counterclaim further set forth that the peas were mixed with other different varieties, making it impossible to harvest them without a mixture of overripe peas of varieties other than Advancer. Facts are pleaded tending to show damage, and judgment is asked for the amount thereof. On the trial the court allowed the defendant to amend its answer by setting up a new counterclaim for the purchase price of the peas. The trial court held that the peas were sold without warranty as to quality or description, and directed a verdict for the plaintiff for the amount claimed, less $343.75. The peas were shipped from Chicago and invoiced on the basis of fifty-six pounds to the bushel. The court held that the defendant was entitled to receive sixty pounds per bushel, and hence made the foregoing reduction. From a judgment in plaintiff's favor defendant appeals.

The contract for the sale of the peas contained the following provision:

"It is also understood and agreed that the party of the first part (plaintiff) does not give, and its agents and employees are forbidden to give, any warranty, express or implied, as to description, quality, productiveness, or any other matter, of any seeds, delivered or to be delivered by it, and that it is not, and will not be in any way responsible for the crops."

Counsel for the appellant admit "that plaintiff is freed by the terms of this contract from all liability as to the seed in question being good or bad, large or small, wrinkled or smooth, black or white, wormy, sound, vital or dead." But counsel argue that the peas furnished under the contract must be of the Advancer variety and that plaintiff was not relieved by its contract from liability for damage resulting from furnishing peas other than Advancer peas. It was practically conceded on the argument that the clause quoted was intended to exempt the plaintiff from such liability as was sought to be enforced against it under the counterclaim in this action. The concession was advisedly made. The peas to be delivered under the contract were described therein as Advancer peas. But the contract provided that no warranty express or implied was given that the peas furnished should be of the description named therein. If a dealer in seed peas can exempt itself from liability for selling bad, wormy or dead peas to a grower, no good reason is apparent why it cannot go further and say that it will not be responsible in the event of an intermixture of other peas with the variety agreed to be furnished. Neither of the parties here are under guardianship or incompetent to contract. There is no claim that the contract signed was not the one agreed upon or that both parties did not fully understand what they were agreeing to. Plaintiff plainly undertook to relieve itself from liability in case of intermixture, and defendant agreed that it should be relieved. It is not claimed that the contract is void because contrary to public law or to public policy,

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Intense orange scarlet, shaded salmon; flowers large and double. A most lovely and pleasing color.
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and, if not, effect should be given to it. The vendee might reject and refuse to receive the peas if they were not Advancer peas, or it might well be that in the event of the shipment being made in bad faith, and with the purpose and intention of committing fraud upon the vendee, an action for damages for the fraud would lie, but we have no such case before us. If it be conceded that the contract is one-sided, it must also be conceded that the parties had a right to make a one-sided contract if they saw fit.

Counsel for appellant cite the following authorities to sustain the contention that, notwithstanding the agreement of the parties, there was a warranty that the peas sold would answer the description contained in the contract, or in any event that there was a breach of a condition that the contract by the failure of the plaintiff to furnish the thing contracted for. Josling vs. Kingsford, 13 C. B. (N. S.) 447; Columbian I. W. & D. D. Co. vs. Douglas, 33 L. R. A. 103; Shephere vs. Kain, 5 B. & Ald. 240; Allan vs. Lake, 18 Q. B. 560; Weiler vs. Schilizzi, 17 C. B. 619. These cases do not hold that a party selling an article under a designated name may not relieve himself from liability in his contract for sale, in the event that the article delivered does not answer the description contained in the contract. Some very general language is used in the contracts of sale involved in the cases cited, and in some of them it might well be construed as being broad enough to extend to the description of the article, but in none of the cases has it been so con-

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PLANT NOW

FORMOSA LILIES, 9/10 size,	$8.00 per 100
COLD STORAGE GIGANTEUMS, 7/ 9 size,	7.00 per 100
COLD STORAGE GIGANTEUMS, 8/10 size,	8.50 per 100
GIGANTEUMS, fresh stock, 7/9 size,	6.00 per 100
GIGANTEUMS, fresh stock, 8/10 size,	8.50 per 100

For good, sound, Productive Bulbs, send the order to C. C. POLLWORTH CO., Milwaukee, Wis.

strued. These cases were decided upon the theory that this general language was intended to refer to the quality of the article furnished and not to the description of the article itself. In Taylor vs. Bullen, 5 Excheq. Reports 779, where an article was sold and the party undertook to relieve himself from liability in his contract of sale by stating that he would not be liable for "any defect or error whatsoever," it was held that the word "error" was broad enough to include an error in description as well as an error in quality, and that there was no liability on the part of the vendor, even though the article furnished did not answer the description of the article contracted for.

If the seller expressly refuses to warrant, there can be no excuse for raising an implied warranty. Habersham vs. Rodrigues, 1 Speers (S. C.) 314; Farr vs. Gist, 1 Rich. Law (S. C.) 68; Fauntelroy vs. Wilcox, 80 Ill. 477; Lynch vs. Curfman, 65 Minn. 170.

In case of Blizzard Brothers vs. Growers' Canning Co., 132 N. W. (Ia.) 176, is directly in point. There a package was marked "Large cheese pumpkin seed," and sold as such, when in fact it contained Connecticut pie pumpkin seed, mixed with a few squash. On the package the following warranty was printed: "While we exercise great care to have all seeds pure and reliable and true to name, our seeds are sold without any warranty, express or implied, and without any responsibility in respect to the crop." There was no evidence to show that the purchaser read this warranty, but there was evidence showing that it was a general custom among seedsmen to sell seeds without warranty as to quality and as to true name, and such custom was held to be binding upon the purchaser. A contract deliberately entered into between two parties exempting one of them from liability in case seeds sold are not true to name, should be as binding as a custom among dealers not to sell with a warranty that the seeds furnished are true to description.

As before stated, we do not hold that, if the plaintiff acted in bad faith and with the intention of deceiving and defrauding the defendant, or even if it failed to exercise due care and caution in selecting the seed, the latter would not have a cause of action for the resulting damage. No such cause of action has been stated in the counterclaim and no claim was made on the argument that any such cause of action was relied upon or existed.

SPECIAL
OFFER OF
FALL BULBS
TO CLEAR

GLADIOLUS

	Per 100	Per 1000
Blushing Bride	$0.65	$5.00
The Bride	.75	6.00

FRENCH ROMAN HYACINTHS

12/15-ctm. .....per 100, $2.50; per 1000, $23.00
13/15-ctm. .....per 100, 2.70; per 1000, 25.00

DUTCH ROMAN HYACINTHS

Charles Dickens, King of Blues, Queen of Blues. Per 100, $1.50; 1000, $12.00.

SINGLE EARLY TULIPS

	Per 100	Per 1000
Belle Alliance	$1.60	$14.00
L'Immaculee	.75	6.00
Joost Van Vondel	1.40	11.00
La Reine	.65	5.00
Pottebakker, white	1.15	10.00
Pottebakker, yellow	1.10	9.00
Pottebakker, scarlet	1.35	12.50
Proserpine, rose	1.60	14.00
Thomas Moore	.75	6.00
Yellow Prince	.85	7.50
Extra fine mixed	.65	5.00

DOUBLE EARLY TULIPS

	Per 100	Per 1000
Salvator Rosa	$1.10	$10.00
Tournesol, red and yellow	1.50	13.00
Peony, gold	1.10	10.00
Peony, red	1.00	9.00
Yellow Rose	.80	7.00
Extra fine mixed	.75	6.00

SINGLE LATE TULIPS

	Per 100	Per 1000
Gesneriana, scarlet	$1.15	$9.00
Isabella	.95	8.00
Macrospeila	.75	6.00
Parisian, yellow	1.00	9.00
Picotee	1.00	8.00
Extra fine mixed	.75	6.00

Phone Randolph 2571

A. HENDERSON & CO.
30 E. Randolph St., CHICAGO

Mention The Review when you write.

High Grade Bulbs

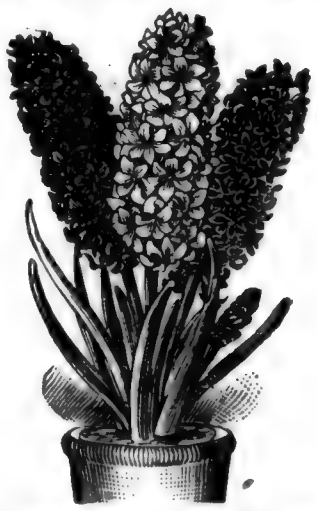
Named Dutch Hyacinths, 100, $5.00.
Forcing Hyacinths, 7 colors, 1000, $25.00.
French Roman Hyacinths, 12-15, 1000, $24.00.
Tulips, Belle Alliance, 1000, $13.50.
" La Reine, 1000, $6 00.
" La Reine, selected, 1000, $6.75.
" Pottebakker, yellow, 1000, $9.00.
" Rose Gris de Lin, 1000, $6 50.
" Superfine, single, mixed, 1000, $6.50.
" Rex Rubrorum, 1000, $12 50.
" Late, single, mixed, 1000, $7.50.
Narcissus, Princeps, 1000, $7.00.
" Poeticus, 1000, $4.50.
" Stella, 1000, $6 00.
" Incomparable, 1000, $8.50.
Freesias, Mammoth, 1000, $9.00.
Lilium Giganteum, 7-9, 1000, $55.00; 9-10, 1000, $90.00. 250 bulbs at 1000 rate.

All other Bulbs—Get our Catalogue.

G. H. HUNKEL CO., Seedsmen, MILWAUKEE, WIS.

Always mention the Florists' Review when writing advertisers.

BULBS
UNUSUAL VALUE



Selected Dutch Hyacinths

	100	1000
Single, separate colors	$2.50	$22.50
Single, named sorts, fine bulbs under name	3.65	35.00

Narcissi

SINGLE SORTS

Paper White Grandiflora, 13 to 15 ctms., 1250 to case. 5000 bulbs at $7.50 per 1000.	1.00	8.00
Incomparabilis, yellow	.75	6.00
Giant Princeps, rich yellow	.80	7.00
Single mixed, splendid collection	.65	5.50
Single mixed Trumpets	.65	5.50
Single Jonquils	.50	4.50
Campernelle	.65	5.50

DOUBLE SORTS

Von Sion, selected, single nose	1.30	12.00
Incomparable, orange and yellow	.85	7.50
Orange Phoenix, white and orange	1.00	8.50
Alba plena odorata, sweet scented	.75	6.50
Double mixed	.75	6.50

Freesias

Mammoth	1.25	10.00

JOHNSON SEED CO.
217 Market St, Philadelphia, Pa.

Mention The Review when you write.

Special Notice to

AMERICAN TRADERS

If you are interested in European stocks of Plants and Seeds and latest news concerning same, subscribe to THE HORTICULTURAL TRADE JOURNAL, published weekly, and THE INTERNATIONAL HORTICULTURAL TRADE JOURNAL, published quarterly. One dollar (International Money Order) sent to us now will ensure your receiving each number as published for one year.

Address

The HORTICULTURAL PRINTING CO.
BURNLEY, ENGLAND

Always mention the Florists' Review when writing advertisers.

Your Opportunity—Low Bulb Prices

We have the best bulb trade this fall in the history of this concern. But we want to increase it by securing a lot of new customers. Therefore, we are putting some of our prices down near cost. Terms, net cash. This offer is subject to change without notice.

CHINESE SACRED LILIES, basket (30 bulbs), $1.00; hamper (4 baskets), $3.50.

	Per 100	Per 1000
SINGLE HYACINTHS, separate colors	$2.00	$18.00
(These are as large as many use in named sorts.)		
EARLY ROMAN HYACINTHS, white	2.25	20.50
SINGLE EARLY TULIPS.		
Artus	.75	6.75
Belle Alliance	1.60	14.00
Chrysolora	.75	6.00
Cottage Maid	.85	7.50
Duc van Thol, scarlet	1.40	12.50
Duc van Thol, crimson	.90	8.00
Duc van Thol, red and yellow	.90	8.00
Keizerskroon	1.00	9.25
L'Immaculee	.65	6.00
La Reine	.65	6.00
Rose Grisdelin	.85	7.00
Yellow Prince	.85	7.00
Superfine, early mixed	.85	6.75
First Quality, mixed	.75	5.75
DOUBLE EARLY.		
Alba Maxima	.90	7.75
Imperator Rubrorum	1.50	13.00
Murillo	.90	8.00
Purple Crown	.90	8.50
Rex Rubrorum	1.25	11.00
Superfine, mixed	.85	7.00

DOUBLE LATE.	Per 100	Per 1000
Yellow Rose	$0.85	$ 7.50
Double Late, mixed	.80	7.00
DARWIN LATE (Single) TULIPS.		
Albert Kellogg	1.60	14.50
Baron de la Tonnaye	1.60	15.00
Glory	2.00	18.00
La Candeur	2.25	20.00
Extra Fine Darwin, mixed	1.00	9.00
LATE OR MAY FLOWERING.		
Bizarres	.80	6.75
Roses	1.00	9.00
Violets	1.00	9.00
Gesneriana Spath.	1.00	9.00
Golden Crown	.60	5.75
Picotee	1.00	8.50
La Candeur	1.00	8.50
SINGLE NARCISSI.		
Empress, double nose	1.60	14.00
Emperor, double nose	1.60	14.00
Golden Spur, double nose	1.85	16.75
Poeticus Ornatus	.70	5.75
Trumpet Major	.90	7.75
Trumpet Major, special forcing	1.25	11.00
DOUBLE NARCISSI.		
Double Roman	1.10	9.00
Von Sion, double nose	1.85	17.50

We catalogue all the leading kinds. If you are interested in varieties not mentioned, ask us for special prices. It will be necessary to mention this advertisement to secure benefit of these rates

JAMES VICK'S SONS, Rochester, New York

GLADIOLI

ANNOUNCEMENT

I AM PREPARED to fill orders for Gladioli, as I have a fine stock of large, clean bulbs. I wish to call particular attention to PRESIDENT TAFT, a large pink of very robust growth, and GOLDEN QUEEN, a fine, rich golden color. Both of these varieties received an award at the Cincinnati Convention two years ago, and GOLDEN QUEEN won the Boddington Trophy for "Best Yellow Gladiolus" at the Rochester Exhibition last year. These are good forcing varieties. I am growing them to sell and am not asking a fancy price.

PRESIDENT TAFT, 1½ to 2½-inch, $3.00 per 100; $25.00 per 1000
GOLDEN QUEEN, ... 4.00 per 100; 30.00 per 1000

I can also supply AMERICA, second and third sizes; EASTER, FLORIDA, EUGENE SCRIBE, GEO. PAUL, KLONDYKE, MADAME MONNERET, MRS. FRANCIS KING, MOHONK and many other varieties, besides mixtures. Write for trade list.

YOURS FOR TRADE,

E. E. STEWART, Rives Jct., Mich.

LILIUM HARRISII

(THE BERMUDA EASTER LILY)

LET US SUPPLY YOUR WANTS IN LILIES THIS SEASON

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers whose stocks have been worked up from the true, original stock. In order to insure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used; this prevents disease and insures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock and when this is disposed of we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

6- 7 inch bulbs, 335 to the case, $15.00 per case; full thousand lots, $ 40.00 per 1000
7- 9 inch bulbs, 200 to the case, 16.00 per case; full thousand lots, 75.00 per 1000
9-11 inch bulbs, 100 to the case, 18.00 per case; full thousand lots, 175.00 per 1000

FERNS

We have an exceptionally nice lot of ferns in the following varieties—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6-inch pots . . . . . $0.50 each
Nephrolepis Elegantissima, Piersoni, Bostoniensis and Harrisii, heavy 8-inch plants . $1.00 to 1.50 each
Nephrolepis Elegantissima, Bostoniensis and Harrisii, heavy 10-inch plants . . . . 2.50 each

F. R. PIERSON CO., TARRYTOWN-ON-HUDSON, N. Y.

Mention The Review when you write.

The ruling of the trial court excluding testimony tending to show that the peas furnished were not Advancer peas, was correct on the record presented. There was present but one of two elements that were necessary to constitute a cause of action. The element of bad faith was not presented by the pleadings, and no claim was made by counsel that such bad faith existed. We find no error in the record.

By the Court—Judgment affirmed.

GERMAN SEEDS ARRIVING.

The following consignments of seeds were on the S. S. President Grant, from Hamburg, arriving at New York November 10:

American Express Co., 239 bags clover seed.
Boddington, A. T., 36 bags peas.
Petry, P. H. & Co., 130 pgs. seeds, etc.
Henderson, P. & Co., 97 bags peas, etc.
Stubbs, R. S., 460 bags sugar beet seed.
Meyer & Lange, 100 bags peas.
Adams Express Co., 11 pgs. seed, etc.
U. S. Express Co., 190 bags clover seed.

VALLEY PIPS.

The President Grant, arriving at New York November 10, from Hamburg, brought the following valley pips:

Consignee.	Cases.
Hagemann, W. & Co.	150
Meyer, C. F.	70
Stern, S.	93
Kuyper, P. C. & Co.	15
Vaughan's Seed Store.	45
McHutchison & Co.	115
Ter Kulle, J.	60
Darrow, H. F.	150
Lunham & Moore	85
Maltus & Ware	542

VINE SEEDS IN ILLINOIS.

From the Daily Democrat, Kankakee, Ill., for November 9:

AZALEAS

We offer strong plants, nicely budded, short standards and well shaped heads in the leading varieties, 10 to 12-inch, $5.00 per dozen. $40.00 per 100; 12 to 14-inch, $6.50 per dozen, $50.00 per 100; 14 to 16-inch, $8 50 per dozen, $65 00 per 100.

COLD STORAGE LILIUM GIGANTEUM, 7 to 9, $18.50 per case. Will bloom in ten weeks after planting.

LILIUM MULTIFLORUM, 7 to 9, $5.00 per 100; $45.00 per 1000; 9 to 10, $7.50 per 100; $70.00 per 1000.

LILIUM FORMOSA, 9 to 10, $9.00 per 100; $85.00 per 1000.

LILIUM GIGANTEUM, 7 to 9 $6.00 per 100; $55.00 per 1000.

Write for surplus list of Tulips, Hyacinths, Narcissi, Chinese Sacred Lilies, etc.

CURRIE BROS. CO., 108 WISCONSIN ST., 312 BROADWAY, **MILWAUKEE, WIS.**

Our **Gladioli** are noted the world over for **Superior Merit**

WRITE FOR PRICES.

JOHN LEWIS CHILDS FLOWERFIELD, Long Island, N.Y.

W. & D.'S EXTRA SELECTED HYACINTHS

For Forcing and Bedding

Separate colors or mixed, $2.25 per 100
$20.00 per 1000

WEEBER & DON Seed Merchants and Growers
114 Chambers St., New York City

Bridgeman's Seed Warehouse

Est. 1824. RICKARDS BROS., Props.

Importers and growers of high-grade

SEEDS, BULBS, PLANTS, Etc.

37 East 19th St., NEW YORK CITY

Telephone 4235 Gramercy

Mention The Review when you write.

BURNETT BROS.

SEEDS :: BULBS :: PLANTS

72 Cortlandt St., NEW YORK CITY

Mention The Review when you write.

"Martin Van der Karr & Sons, of Aroma township, hauled what they claim to be the most valuable wagon load of farm produce ever delivered to market in this county last Tuesday, when they shipped 3,980 pounds of cu-

Dutch Bulbs

CHEAP TO CLEAR

Tulips

	Per 1000
Goldfinch, the finest yellow	$ 7.00
Yellow Prince, the standard yellow	7.00
Artus	6 50
Keizerskroon	9 00

Tulips

	Per 1000
Double Murillo, the fine double pink	$ 8 00
Superfine mixed	7.00
Vermilion Brilliant	15.00

Narcissus **Victoria,** double nose 12 00
Sir Watkin ..... per 1000, $12.00 **Giant Princeps** 7.00

STOKES' SEED STORE
219 Market Street, Philadelphia, Pa.
Mention The Review when you write.

Ayres' Superior Sweet Pea Seed

Christmas Pink, Christmas White, Christmas Blue, Watchung, Christmas Primrose, lb., $1.50; ¼ lb., 50c; oz., 20c.

Mrs. Alex Wallace (lavender), Ayres' Thanksgiving (white), Florence Denzer (white), Mary Elizabeth (variegated pink), Mrs. William Sim (salmon pink), Mrs. W. W. Smalley (satin pink), lb., $2.00; ¼ lb., 75c; oz., 25c.

Write for catalogue of many other varieties.

Ayres' Re-selected Grand Rapids Lettuce Seed

Is universally used by florists. Oz., 15c; lb., $1.25.

S. B. AYRES CO. Sunnyslope, Independence, Mo.
Florists—Nurserymen—Seedsmen
——10 miles east of Kansas City, Mo.——
Mention The Review when you write.

cumber and melon seeds, with a total market value of $1,072. The seeds were consigned to a large supply house in Chicago and were procured from a special machine purchased last summer by the Van der Karrs, who have for many years been prominent melon growers in this county. The entire crop of melons and cucumbers was allowed to mature and was run through the machine and the seeds extracted. The senior Van der Karr has specialized on the growing of melons in Aroma township for the past forty-nine years.''

SEED ACREAGE NOT CHANGED.

Report has come from San Jose, Cal., of a sale of part of the real estate holdings of the Braslan Seed Growers' Co. In explaining the transaction, J. W. Edmundson, sales manager for the company, says:

''The Braslan Seed Growers' Co. purchased on speculation 650 acres of land on Downer avenue, south of San Jose. When this land came into our possession it was largely marsh. We drained it and improved it to a considerable extent. It was not our policy to use it for seed purposes. For a time it was rented to the Kimberlin Seed Co. During our ownership we grew one crop of seed on the property. As I said before, it was purely a speculation, and just as soon as we found a buyer we sold it. This was merely a little outside business and does not affect our output of seed in the slightest particular.''

CATALOGUES RECEIVED.

F. W. Kelsey Nursery Co., New York, N. Y., trees, shrubs and hardy plants; F. C. Heinemann, Erfurt, Germany,

Thorburn's Bulbs

We offer high grade stock of the following while unsold:

LILIUM HARRISII, 7-9 inches in circumference
at $17.00 per case of 250 bulbs.

WHITE ROMAN HYACINTHS, 12-15 ctms.
at $18.00 per 1000.

Paper White Grandiflora Narcissus,
at $8.00 per 1000.

CASH WITH ORDER.
Only a limited supply left, so speak quickly.

J. M. Thorburn & Co. 33 Barclay St. NEW YORK
Mention The Review when you write.

SOW NOW!

Get Ready for Early Spring Sales

	6 Tr. Pkts.	Tr. Pkt.
BEGONIA Gracilis Luminosa, true stock, with large scarlet flowers	$2.50	$0.50
Erfordii, fine pink variety	2.50	.50
Bedding Queen, most beautiful pink Wax Begonia	2.50	.50
Vernon, fine red	1.25	.25
CYCLAMEN Persicum Splendens Giganteum, finest colors, assorted, 1000 seeds	5.00	.75

O. V. ZANGEN, Hoboken, N. J.
Mention The Review when you write.

CYCLAMEN

GIGANTEUM SEED, finest Giants in choicest mixture, truly grand, 250 seeds, $1.00; ½ pkt., 50c; 1000 seeds, $3.50.
SHAMROCK, IRISH, green, true, pkt., 20c.
GIANT PANSY Finest grown, critically selected, 6000 seeds, $1 00; ½ pkt., 50c. Pkt. of Giant **Mme. Perret** with every order for Pansy Seed.
CASH. Liberal extra count.
JOHN F. RUPP, Shiremanstown, Pa.
Mention The Review when you write.

PRIMULA
Chinensis Obconica

Unrivaled for size of flower, purity of color and highest development. They represent **the best** specialists have so far produced. Seeds and plants.

J. L. SCHILLER, Toledo, O.

Always mention the Florists' Review when writing advertisers.

To try and do away with the middleman in the bulb importing business is like trying to economize on the policeman in the middle of a busy street. It's a sort of finesse that seldom works out profitably. There are so many ways a buyer can become a loser by doing his own importing that it is not policy for the average grower to do it. It is a business by itself, and it's better for most buyers to buy from an American house than a foreign one, because you can get in quick, close touch with those responsible without difficulty and expense. This alone has saved buyers many a dollar that would otherwise have been lost to brokers and other parasites, whose business it is to prey upon the unwary and ignorant in all sorts of ways that cost money. Buy your bulbs and plants from good, first-class American houses—in the long run you can't do better anyway, and, besides, by helping Americans you help yourself and encourage home industry. What business do you get from a man entirely foreign to this country? Who supports you and your business—the Americans or the foreigners? Support those who support you—and, above all, don't let a foreigner sail home with a mortgage on your bank account and a lien on your business.

In the interest of Horseshoe Brand Bulbs. Write for prices.

Not How Cheap But How Good

RALPH M. WARD & CO.
12 West Broadway
NEW YORK

novelties in seeds for 1912; A. L. Randall Co., Chicago, Ill., specialties in florists' supplies; Basil Perry, Cool Spring, Del., berry plants, fruit trees, California privet, etc.; H. Merryweather & Sons, Southwell, England, general nursery stock; Geo. Jackman & Son, Woking, England, general nursery stock; Pittsburgh Cut Flower Co., Pittsburgh, boxwood sprays; Dennison Mfg. Co., Boston, Christmas specialties.

A HORTICULTURAL SHIPLOAD.

The S. S. Noordam, from Rotterdam, which reached New York November 7, brought an unusually large number of horticultural consignments, the manifest showing the following:

Gips, A., 8 packages seed.
Stone, C. D., & Co., 2 cases bulbs.
Int. Forwarding Co., 24 cases immortelles.
Elliott, W., & Sons, 12 cases bulbs.
Thorburn, J. M., & Co., 32 cases bulbs.
Davies, Turner & Co., 3 packages plants.
Suss Plant Co., 4 cases bulbs.
American Shipping Co., 13 cases plants.
Roehrs, J., & Co., 3 cases plants.
Elliott, W., & Sons, 19 cases plants.
Henderson, P., & Co., 11 cases plants.
Nungesser, H., & Co., 130 bags grass seed.
Elliott, W., & Sons, 15 cases trees.
Kuyper, P. C., & Co., 16 packages bulbs.
MacNiff Horticultural Co., 12 cases plants.
Abel, C. C., & Co., 54 cases bulbs.
Funch, Edye & Co., 2 cases bulbs.
Vandegrift, F. B., & Co., 11 cases roots.
Kuyper, P. C., & Co., 73 cases trees.
Lang, R. F., 35 cases trees.
Thorburn, J. M., & Co., 9 cases bulbs.
Bernard, Judae & Co., 8 cases flower roots.
Weeber & Don, 17 cases flower roots.
Adams Express Co., 271 cases plants.
American Express Co., 7 cases flower roots.
McHutchison & Co., 2 cases flower roots.
Stumpp & Walter Co., 82 cases flower roots.
Lunham & Moore, 19 cases trees.
Redden & Martin, 70 cases trees, 34 tubs trees.
Haynes, C. A., 2 cases shrubs.
Merchants' Despatch, 4 cases flower roots.
Vaughan's Seed Store, 66 cases bulbs.
Baldwin, A., & Co., 1 case trees.
Sheldon, G. W., & Co., 13 cases trees.
McHutchison & Co., 92 cases trees.
Burnett Bros., 17 cases bulbs.
Richard, C. B., & Co., 1 case seed, 15 cases trees.
Smith & Boltzenthal, 23 cases trees.
MacNiff Horticultural Co., 14 cases shrubs.
Huntington, W. R., 13 cases trees, 16 cases shrubs.
Darrow, F., 1 case flower roots.
Kuyper, P. C., & Co., 3 cases flower roots.
Merchants' Despatch, 3 cases flower roots.
Ward, R. M., & Co., 39 cases flower roots.
Hampton, J. W., Jr., & Co., 77 cases flower roots.
Haines, C. H., & Co., 8 cases flower roots.
Hensel, Bruckmann & Lorbacher, 4 packages trees.
Maltus & Ware, 13 packages roots, 248 cases flower roots, 125 cases trees, 114 packages trees.

The same day the S. S. Amsteldyk, also from Holland, reached New York with the following consignments:

Abel, C. C., & Co., 300 bales peat moss.
Schulz & Ruckgaber, 500 bags sunflower seed.
Hensel, Bruckmann & Lorbacher, 4 packages trees.
Sheldon, G. W., & Co., 61 bales flower seed.
Munroe, J., & Co., 100 packages seed.
Weeber & Don, 46 bags seed.
Darrow, H. F., 114 bags seed.
Hempstead, O. G., & Son, 133 bags seed.
Henderson, P., & Co., 460 bags seed.
Boddington, A. T., 4 bags seed.
To Order, 250 bags seed.

Wichita, Kan.—John Caldwell, 56 years old, an employee of the Ross seed store, died suddenly October 30.

Hillard, Fla.—Seven houses, each 34x200, and a boiler shed, 34x100, are being erected here for the Semi-Tropical Produce Co. Garland truss, iron-frame construction is being used.

Paper White Narcissus
Lilium Giganteum
DUTCH BULBS
Full Line of Stock. Write for Prices.
D. RUSCONI
126 W. 6th St., CINCINNATI, O.
Mention The Review when you write.

Asparagus Plumosus Nanus
New Crop—Greenhouse-grown
100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $3.50; 10,000 seeds, $30.00.
Sprengeri, 25c per 200 seeds; 75c per 1000 seeds; $2.75 per 5000 seeds.
Our Flower Seed Catalogue free on application.
THE MOORE SEED CO., 125 Market St., Philadelphia
Mention The Review when you write.

For Fall Planting
Lilium Henryi, Hansoni, tenuifolium, Davuricum, Wallacei, elegans and tiger; Daphne cneorum, Delphinium formosum, Japan Tree Lilac Japan and German Iris.
Fall list ready now.
E. S. MILLER, Wading River, N. Y.
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The Weekly Florists' Review

CAXTON BUILDING

508 South Dearborn Street

CHICAGO

Advertising forms close

TUESDAY

The latest hour at which advertisements, or changes of advertisements, can be accepted is 5 p. m. Tuesday.

THE REVIEW sends Scott's Florists' Manual postpaid for $5.

EDWARD REID CHOICE BEAUTIES, BRIDES, VALLEY, ORCHIDS, CHRYSANTHEMUMS and POMPONS.
WHOLESALE FLORIST 1619-21 Ranstead St., Philadelphia, Pa.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Nov. 15, 1911.

	Per doz.
Beauty, Specials	$3.00 @ $4.00
" Extra	2.00 @ 2.50
" Medium	1.50
" Short	.75 @ 1.00
	Per 100
The Killarneys, Fancy	$ 8.00 @ $10.00
" Select	5.00 @ 6.00
" Ordinary	3.00 @ 4.00
Kaiserin	3.00 @ 8.00
My Maryland, Bride, Richmond—Fancy	8.00
Select	5.00 @ 6.00
Ordinary	3.00 @ 4.00
Melody	3.00 @ 8.00
Carnations, Fancy	2.50 @ 3.00
" Select	2.00
" Ordinary	1.00 @ 1.50
The Wards, Gloriosa	3.00 @ 4.00
Cattleyas ...per doz., $4.00 @ $6.00	
Dendrobium.....per doz., 6.00	
Oncidiums	2.50 @ 3.00
Vandas	20.00
Cypripediums	15.00
Gardenias.. per doz., $2.00 @ $4.00	
Easter Lilies.....per doz., 1.50	
Callas.....per doz., $1.00 @ 1.50	
Asparagus....bunch, .35 @ .50	
Adiantum	.75 @ 1.00
Smilax	12.50 @ 15.00
Valley	2.00 @ 4.00
Sweet Peas	.50 @ .75
Chrysanthemums .....doz.	
" fancy..$2.50 @ $3.00	
" select.. 1.50 @ 2.00	
" ordinary .75 @ 1.00	
" Pompons, per bunch, 35c @ 75c	
Violets, single	.25 @ 1.00
" double	.75 @ 1.00
Daisies	.75 @ 1.00
Bouvardia	2.00 @ 3.00
Snapdragon	2.00 @ 4.00
Pansies	.50
Lilacs.....per bunch, $1.25	
Stevia	1.00

St. Louis, Nov. 15, 1911.

	Per doz.
Beauty, Specials	$2.50 @ $4.00
" Extra	1.50 @ 3.00
" Shorts	.50 @ 1.00
	Per 100
Bride, Maid and Cochet	$ 3.00 @ $ 8.00
Richmond	3.00 @ 8.00
Maryland	3.00 @ 8.00
White Killarney	3.00 @ 8.00
Killarney	3.00 @ 8.00
Carnations	2.00 @ 3.00
Lily of the Valley	3.00 @ 4.00
Harrisii	10.00 @ 12.50
Chrysanthemums..doz..$1.50-$3.00	
Orchids.....doz.. $5.00 @ 6.00	
Violets	.25 @ .50

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You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

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5 Mole St., Philadelphia, Pa.
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J. Kopelman
Wholesale and Commission Florist
25 Washington St., Providence, R. I.
GREENHOUSES, OAKLAWN, R. I.

Wholesale Cut Flower Prices.

Boston, Nov. 15, 1911.

	Per 100
Beauty, Specials	$20.00 @ $25.00
" Extra	8.00 @ 12.00
" Short Stems	2.00 @ 6.00
Killarney	1.00 @ 8.00
White Killarney	1.00 @ 8.00
My Maryland	1.00 @ 6.00
Mrs. Aaron Ward	1.00 @ 5.00
Lady Hillingdon	1.00 @ 5.00
Richmond, Rhea Reid	1.00 @ 8.00
Carnots	1.00 @ 5.00
Carnations	.75 @ 2.00
Cattleyas	25.00 @ 30.00
Cypripediums	8.00 @ 10.00
Pansies	.50 @ 1.00
Lily of the Valley	1.50 @ 3.00
Lilium Longiflorum	8.00 @ 10.00
Gardenias	6.00 @ 10.00
Lilium Speciosum	3.00 @ 4.00
Cosmos	.50 @ 1.00
Chrysanthemums	3.00 @ 12.00
Violets, single	.50 @ .75
" double	.50 @ .75
Sweet Peas	.25 @ .50
Antirrhinums	2.00 @ 5.00
Marguerites	1.00 @ 2.00

Buffalo, Nov. 15, 1911.

	Per 100
Beauty, Specials	$30.00 @ $35.00
" Fancy	20.00 @ 25.00
" Extra	15.00 @ 20.00
" Firsts	10.00 @ 12.00
" Shorts	3.00 @ 5.00
Bon Silene	2.00 @ 3.00
Perle	3.00 @ 6.00
Bride and Maid	2.00 @ 6.00
Killarney	2.00 @ 7.00
White Killarney	2.00 @ 7.00
Richmond	2.00 @ 8.00
Maryland	3.00 @ 7.00
Carnations	1.00 @ 2.50
Lily of the Valley	3.00 @ 4.00
Longiflorums	10.00 @ 12.00
Japan Lilies	3.00 @ 4.00
Chrysanthemums	4.00 @ 20.00
Violets	.50 @ .60

THE REVIEW sends Scott's Florists' Manual postpaid for $5.

Wm. C. Smith Wholesale Floral Co.
Wholesale Florists
1316 Pine St., Both L. D. Phones, ST. LOUIS
Supplies and Everything in Season always on hand.

H. G. BERNING
WHOLESALE FLORIST
1402 Pine Street
ST. LOUIS, MO.
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C. A. KUEHN, Wholesale Florist
Cut Flowers and Florists' Supplies
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of SUPPLIES always on hand. Write for catalogue and prices.
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1324 Pine St., ST. LOUIS, MO.
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PRONOUNCING DICTIONARY
A list of PLANT NAMES and the Botanical Terms most frequently met with in articles on trade topics, with the correct pronunciation for each.
Sent postpaid on receipt of 25c.
FLORISTS' PUBLISHING CO.
508 So. Dearborn St., Chicago

Roses .·. Beauties .·. Mums .·. Pompons .·. Orchids .·. Valley .·. Violets
Carnations .·. Lilies .·. Daisies .·. Boxwood .·. Sheet Moss
PITTSBURGH CUT FLOWER COMPANY
Wholesale Growers 121 Seventh St., Pittsburgh, Pa.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Nov. 15, 1911.

	Per doz.
Beauty, long stems	$4.00
" 36-in. "	3.00
" 30-in. "	2.50
" 24-in. "	2.00
" 20-in. "	1.50
" 18-in. "	1.25
" 15-in. "	1.00
" 12-in. "	.75
" short "	.50

	Per 100
Killarney	$ 3.00 @ $10.00
White Killarney	3.00 @ 10.00
Richmond	3.00 @ 10.00
My Maryland	3.00 @ 10.00
Mrs. Jardine	3.00 @ 8.00
Rhea Reid	3.00 @ 8.00
Mrs. Aaron Ward	4.00 @ 15.00
Prince de Bulgarie	4.00 @ 15.00
Perle	3.00 @ 8.00
Melody	4.00 @ 10.00
Carnations	1.50 @ 4.00
Valley	3.00 @ 4.00
Easter Lilies	10.00 @ 12.50
Cattleyas....per doz.,	$4.00 @ $6.00
Mums..... "	1.00 @ 4.00
Violets	.50 @ 1.00
Sweet Peas	.75 @ 1.00
Paper Whites	3.00 @ 4.00
Mignonette	4.00 @ 6.00

Pittsburgh, Nov. 15, 1911.

	Per doz.
Beauty, Specials	$3.00
" Fancy	$2.00 @ 2.50
" Medium	1.25 @ 1.50
" Short	.50 @ 1.00

	Per 100
Killarney, White Killarney	$3.00 @ $ 8.00
Richmond	4.00 @ 10.00
Bon Silene	3.00 @ 4.00
My Maryland	3.00 @ 8.00
Mrs. Ward	6.00
Melody	6.00
Carnations	1.00 @ 3.00
Cattleyas....per doz.,	$5.00 @ $6.00
Oncidiums	4.00
Dendrobium Formosum, doz.,	$6.00
Valley	3.00 @ 4.00
Lilies	6.00 @ 10.00
Chrysanthemums	8.00 @ 25.00
Violets, double	.50 @ .75

Cincinnati, Nov. 15, 1911.

	Per doz.
Beauty, Extra	$2.50 @ $3.00
" No. 1	2.00
" No. 2	1.00 @ 1.50

	Per 100
Killarney	$ 4.00 @ $ 6.00
Richmond	4.00 @ 6.00
Bride	4.00 @ 6.00
Carnations	1.00 @ 2.00
Lilium Harrisii	10.00 @ 15.00
Lily of the Valley	3.00 @ 4.00
Cattleyas	60.00
Mums.....per doz.,	$1.50 @ $2.00
Violets	.50

Milwaukee, Nov. 15, 1911.

	Per 100
Beauty, Long	$20.00 @ $25.00
" Medium	10.00 @ 15.00
" Short	6.00 @ 8.00
Richmond	3.00 @ 8.00
Killarney	3.00 @ 10.00
White Killarney	3.00 @ 10.00
Kaiserin	3.00 @ 8.00
Carnations	1.50 @ 4.00
Valley	3.00
Lilies	10.00 @ 12.50
Chrysanthemums, doz.,	$0.75-$3.00
" Single and Pompons	per bunch, 50c
Violets	.75 @ 1.00

MONTGOMERY on Grafted Roses, sent by The Review for 25 cents.

WELCH BROS., 226 Devonshire Street, Boston
The Largest Wholesale House in America
Orchids :: American Beauties :: Gardenias :: Other Seasonable Flowers
Mention The Review when you write

Vaughan & Sperry
WHOLESALE FLORISTS
159 North Wabash Avenue, Chicago
Write for Special Prices.
Mention The Review when you write.

ZECH & MANN
Wholesale Growers and Shippers of
CUT FLOWERS
162 N. Wabash Avenue, CHICAGO
Room 218. L. D. Phone, 3284 Central.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of... Cut Flowers
All telegraph and telephone orders given prompt attention.
162 N. Wabash Ave., CHICAGO
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John Kruchten
Wholesale Cut Flowers
162 N. Wabash Ave., CHICAGO
ROSES and CARNATIONS
Our Specialties.
Mention The Review when you write.

GEO. REINBERG
Wholesale Grower of Cut Flowers
CHOICE AMERICAN BEAUTIES
We will take care of your orders at reasonable prices. Prompt attention.
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W. E. Trimble Greenhouse Co.
PRINCETON, ILL.
Adams and U. S. Express.
Roses Our Specialty
All Kinds of Seasonable Cut Flowers at Chicago Prices.
Mention The Review when you write.

HERRINGTON on the Mum, sent by The Review for 50 cents.

CUT out our ads for cinerarias and stevias, as we are completely sold out.—M. S. Wiecking Co., Bluffton, Ind.

The Munk Floral Co.
Wholesale Growers of
CUT FLOWERS
and Jobbers of
FLORISTS' SUPPLIES
Columbus, : Ohio
Mention The Review when you write

E. G. GILLETT
Wholesale Florist
CHOICE BEAUTIES A SPECIALTY
All Cut Flowers in Season
Florists' Supplies
Manufacturer of Florists' Wire Designs
131 E. Third Ave., Cincinnati, O.
Mention The Review when you write.

Louis H. Kyrk
WHOLESALE COMMISSION FLORIST
Consignments Solicited
Cut Flowers, Wire Work, Florist Supplies
110-112 E. 3d St., CINCINNATI, OHIO
Mention The Review when you write.

The J. M. McCullough's Sons Co.
WHOLESALE COMMISSION FLORISTS
CONSIGNMENTS SOLICITED
Special attention given to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. :: :: Price lists on application.
Phone Main 584. 316 Walnut St., Cincinnati, O.
Mention The Review when you write

Hoffmeister Floral Co.
Lickrun, Cincinnati, Ohio
Wholesale Growers of
Easter Lilies, Ferns and Decorative Greens
Write for prices.
Telephone WEST 562.
Mention The Review when you write.

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Wholesale Commission Florists
Cut Flowers, Supplies and Wire Designs
Consignments Solicited.
24 Third Avenue, East, CINCINNATI, OHIO
Long Distance Phone.
Mention The Review when you write.

H. E. FROMENT
WHOLESALE COMMISSION FLORIST
Receiver and Shipper of All Varieties of Cut Flowers
Telephones 2200 and 2201 Madison Square
57 West 28th Street NEW YORK

Moore, Hentz & Nash
Wholesale Florists...
55-57 W. 26th St., NEW YORK CITY
Telephone 756 Madison Square

WALTER F. SHERIDAN
Wholesale Florist
131-133 West 28th St., NEW YORK
Telephones 3532-3533 Madison Sq.
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HEADQUARTERS FOR NOVELTIES
ORCHIDS A SPECIALTY
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND
GARDENIAS, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS, Tel. 3161 Sq. 55 W. 28th St., New York


J. J. FELLOURIS
Wholesale and Retail Dealer in ALL KINDS OF
EVERGREENS
Phone 2315 Madison Sq.
Fancy and Dagger Ferns
116 W. 28th Street, NEW YORK

Bronze and Green Galax

BADGLEY, RIEDEL & MEYER, Inc.
...Wholesale Florists...
34 West 28th Street, NEW YORK CITY
Phones 1664-1665 Madison Square
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A. Moltz Maurice L. Glass
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Wholesale Florists
55-57 W. 26th St., NEW YORK
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Phones 617-618 Madison Square
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KESSLER BROTHERS Wholesale Plantsmen and Florists
Plants and Cut Flowers of every variety. **Orchids our specialty.**
HEADQUARTERS For The Beautiful DREYERII FERN
Ready for delivery **now.** Price, 2½-in. pots, $25.00 per 100; $200.00 per 1000.
113 West 28th St., Telephone 2336 Madison Sq., NEW YORK

Wilson Plant Oil & Fertilizer Company
290 No. Broad St., ELIZABETH, N. J.
Horticultural Supplies
Write for our special Catalogue.
Mention The Review when you write.

HENRY KUSIK & CO.
Wholesalers of Cut Flowers and Florists' Supplies.
Manufacturers of Florists' Wire Designs.
Let Us Handle Your Consignments.
214 E. 14th Street, KANSAS CITY, MO.

S. Bonnet (The Busy Bees) G. H. Blake
BONNET & BLAKE
Wholesale Florists, BROOKLYN, N. Y.
130 Livingston St., Tel. Nos. 1293-1294 Main
HEADQUARTERS FOR KILLARNEYS
We handle only top grade stock of all kinds, including the famous Demeusy Carnations.
Growers, let us demonstrate.
Mention The Review when you write.

Wholesale Cut Flower Prices.

New York, Nov. 13, 1911.

	Per 100		
Beauty, Specials	$25.00	@	$35.00
" Fancy	15.00	@	20.00
" Extra	6.00	@	10.00
" No. 1	3.00	@	6.00
" No. 2	1.00	@	3.00
Bride and Maid	.50	@	5.00
Killarney	.75	@	6.00
My Maryland	.75	@	6.00
Richmond	.75	@	6.00
Chatenay	2.00	@	8.00
Orchids	40.00	@	75.00
Oncidiums	1.00	@	1.50
Carnations	1.00	@	3.00
Easter Lilies	4.00	@	8.00
Lily of the Valley	2.00	@	3.00
Gardenias...per doz., $1.00 @ $4.00			
Violets	.35	@	.75
Daisies	.50	@	1.50
Ferns.....per 1000,	1.00	@	1.50
Smilax.....per doz.,	.75	@	1.00
Chrysanthemums	2.00	@	35.00
Sweet Peas.. doz. bunches, 50c-75c			

PLEASE stop my ad for carnations, as I was sold out quick.—J. W. Furst, Dayton, O.

We Are 'Way Ahead
of last year in the volume of our **collection business;** but we can do still more. Do not wait, but send us all your back accounts now. Rates and methods on application.
NATIONAL FLORISTS' BOARD OF TRADE
56 Pine St., NEW YORK
Mention The Review when you write.

RICE BROTHERS
Wholesalers of Cut Flowers and Florists' Supplies
MINNEAPOLIS, - MINN.
Mention The Review when you write.

UNITED STATES CUT FLOWER CO.
Wholesale Florists
ELMIRA, NEW YORK
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B. S. SLINN, Jr.
WHOLESALE FLORIST
55 and 57 W. 26th St., NEW YORK CITY
Phones 4620, 4621 Madison Square

VIOLETS Roses and Carnations
Mention The Review when you write.

HENRY R. CRAWBUCK
270 Pearl St., BROOKLYN, N. Y.
Wild Smilax, Galax, Ferns, Palm Leaves, etc.
Telephone 4831 Main.
Mention The Review when you write.

N. LECAKES & CO.
53 W. 28th St., NEW YORK
Tel. No. 1415-1416 Madison Square

Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street, and 34th Street Cut Flower Market.

SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.
Green and Bronze Galax Leaves.

BONNOT BROS.
WHOLESALE FLORISTS
55 and 57 W. 26th Street, Cut Flower Exchange, NEW YORK
OPEN ALL DAY
An Unexcelled Outlet for CONSIGNED FLOWERS
Telephone No. 830 Madison Sq.

D. T. Mellis, Pres. Robert G. Wilson, Treas.
Greater New York Florist Association, Inc.
Wholesale Commission Dealers in Cut Flowers and Supplies
162 Livingston St., Brooklyn, N. Y.
GEORGE W. CRAWBUCK, Manager.

GUST. RUSCH & CO.
WHOLESALE FLORISTS
448 Milwaukee St., MILWAUKEE, WIS.
Cut Flowers and Florists' Supplies.
Mention The Review when you write.

J. K. ALLEN Estab. 1887 **CHRYSANTHEMUMS** and every other seasonable flower. Open 6 a. m. every day.

Wholesale Commission Dealer in Cut Flowers

106 W. 28th St., New York Near Hudson Tubes Phones {4488 / 187} Madison Sq.

Charles Millang WHOLESALE FLORIST

Ground Floor of the Coogan Building, NEW YORK CITY

55 and 57 West 26th Street 6 a. m. to 6 p. m. every day in the year

Headquarters for Violets

Most convenient store for customers in the city. Tel. 7062 Madison.

Consignments Solicited The Highest Values Guaranteed

M. C. FORD, 121 W. 28th Street, Tel. 3870-3871 Madison Square **New York**

Successor to Ford Bros.

The largest Shipper and Receiver of **Fresh Cut Flowers**

☞ A complete assortment of the best in the market can always be relied upon.

The Greek American Florist Supply House

GEORGE COTSONAS & CO.



Wholesale and Retail Dealers in all kinds of

EVERGREENS

Fancy and Dagger Ferns, Galax, Brown and Green

127 W. 28th St., NEW YORK CITY

Leucothoe Sprays, Princess Pine, Holly, Southern Wild Smilax. Telephone 1202 Madison



FRANK H. TRAENDLY CHARLES SCHENCK

TRAENDLY & SCHENCK

Wholesale Florists and Cut Flower Exchange

131-133 W. 28th St., NEW YORK

Telephones 793 and 799 Madison Square CONSIGNMENTS SOLICITED

1888 **GUNTHER BROS.** 1911

Wholesale Florists

110 West 28th Street, Tel. 551 Madison Square, **New York**

Consignments Solicited of

FRESH CUT FLOWERS

SIEBRECHT & SIEBRECHT **S&S** 136 WEST 28TH STREET NEW YORK

WHOLESALE FLORISTS

Orchids, Gardenias, Violets, Lily of the Valley, etc.

PAUL MECONI

Wholesale Florist, 57 West 26th Street NEW YORK CITY

MY SPECIALTIES:

Orchids, Gardenias and Violets.

Telephone No. 3864 Madison Square.

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119 W. 28th Street, NEW YORK

WHOLESALE

All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Greens. Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

Mention The Review when you write.

GROWERS' CUT FLOWER CO.

Cut Flowers at Wholesale

J. J. COAN, Manager Consignments Solicited

111 West 28th Street, Telephone 6233 Madison Square, NEW YORK

Mention The Review when you write.

A. L. YOUNG & CO., WHOLESALE FLORISTS

54 West 28th St., Tel. 3559 Madison Square, NEW YORK

☞ Consignments of Choice Cut Flowers solicited. Prompt payments. Give us a trial.

Mention The Review when you write.

Gold Letters

Gummed gold, silver and purple letters, for inscriptions on floral designs. Best and cheapest on the market. Send for samples and prices.

J. LICHTENBERGER, 1564 Avenue A, NEW YORK

Telephone Lenox 5644

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FLORISTS' REVIEW

When Writing Advertisers

Reed & Keller

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We manufacture all our Metal Designs, Baskets, Wire Work and Novelties.

Always Mention the...

FLORISTS' REVIEW

When Writing Advertisers

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Successor to John I. Raynor. Wholesale commission florist. Selling agent for largest growers. A full line of choice Cut Flower Stock for all purposes by the 100, 1000 or 10,000. Consignments solicited. Telephone 1998 Madison Square.

The Home of the Lily

49 WEST 28th ST., NEW YORK CITY

Mention The Review when you write.

RUSSIN & HANFLING

Office and Salesroom

114 West 28th Street, NEW YORK CITY

Tel. 3053 Madison Sq.

Manufacturers and Importers of

WILLOW AND FANCY BASKETS FOR FLORISTS

Dealers in Florists' Supplies

☞ Our Specialties, Wheat Sheaves and Baskets.

Mention The Review when you write.

WILLIAM H. KUEBLER

Wholesale Commission Dealer in

CUT FLOWERS

Room for the products of growers of first class stock. We have what you want when you want it.

28 Willoughby St., Brooklyn, N. Y.

TEL. 4591 MAIN

Mention The Review when you write.

ROSES AND CARNATIONS

Extra Fine—Fancy Ferns

Detroit Cut Flower Supply House

Wholesale Commission Florist H. V. PEARCE, Pres

6 Adams Ave. W., Detroit, Mich.

Consignments solicited

Mention The Review when you write.

George Saltford

WHOLESALE FLORIST

120 West 28th Street, New York City

Tel. No. [illegible] Mad. Sq.

We have room for a few more good growers. Prompt payments and top prices.

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Nursery Stock For Florists' Trade

FOR FALL PLANTING

Evergreens, Peonies, Phlox, Shrubs, Trees, Fruit Trees, Small Fruits.

WRITE FOR TRADE LIST

W. & T. SMITH COMPANY, Geneva, N. Y.

65 YEARS — 800 ACRES.

Mention The Review when you write

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Officers for 1911-12: Pres., J. H. Dayton, Painesville, O.; Vice-pres., W. H. Wyman, North Abington, Mass.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-seventh annual meeting, Boston June 1912.

HE is the Hon. John S. Kerr in Texas.

THE state of Michigan conducts a nursery from which stock, mostly evergreen seedlings, is sold at cost. The nursery is at Higgins Lake, Roscommon county.

L. R. TAFT, state inspector of orchards and nurseries in Michigan, reports that the stock examined in the various nurseries of the state is particularly clean this season and is free from any sign of the brown-tail or gypsy moth.

APPLE TREE NOT FRUITING.

I would like to know if you can give me information in regard to an apple tree. It is four years old and has flowered this season, but did not have fruit and is growing very tall. Would it be advisable to cut the top off or to trim the branches? Any information you can give me in this regard will be greatly appreciated. C. M.

It is probable that you have failed to prune your tree as is necessary for a few years in order to get it into a good shape. The pruning would have consisted of shortening back new growths half their length and removing small branches which seemed to be crowding others. If you have not done any pruning it may be necessary to do so now, but do not do it too radically. If cut back severely you will only get a lot of rank growths. Head it back moderately after the foliage has fallen and do not leave too much wood in.

Apple trees, except dwarfs, do not fruit to any extent for from eight to ten years. Therefore, you need not become discouraged at your tree not bearing yet. Perhaps you are giving it too much nitrogenous food. This promotes a strong but not fruitful growth. To check this feed another year with potash and phosphoric acid, and do not use any barnyard manure, bone or other fertilizers containing nitrogen. Cultivate freely about the tree until the end of July, but not later. C. W.

THE NURSERYMAN.

[An extract from the address of Jim Parker, Tecumseh, Okla., before the St. Louis Convention of the American Association of Nurserymen.]

I think that a campaign of education to convince the people that our business is useful and honorable would be one of the best methods of increasing sales. We should impress upon the world the fact that the nursery salesman is a useful citizen and that his persuasive powers are needed to add that spark of hope and energy that induces men to plant orchards and beautify their homes. We should stand up for the dignity and honor of our business with such faithfulness and sincerity that cheap newspaper wits and goods-box loafers will no longer dare by their vulgar jokes to insult the men whose work has done and is doing so much to increase the beauty and comfort of the world. We should impress upon the world the thought that the men who are doing so much to make of this earth a garden of bloom, a feast of fragrance and a paradise of plenty, are doing their duty and fulfilling the designs of their Creator just as much as the man who drives the reaper, wields the hammer, or whose voice is heard from the pulpit or before the courts of justice.

The public seems willing enough to honor the agriculturist. We should remind them that the nurseryman is the highest type of agriculturist. The nurseryman puts more labor into, and spends more money on, the cultivation of an acre of ground than any other tiller of the soil. He spends most of his days mid fragrant flowers and growing trees. His mind is employed trying to understand more of the laws of life and growth. For him the secrets and beauties of nature have a peculiar fascination. As he stirs the soil to warm it up,

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City. Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS, Nurserymen and Florists RUTHERFORD, N. J.

Mention The Review when you write.

Clematis Paniculata

Strong, Field-grown Stock.

2-year, No. 1, $7.00 per 100; $60.00 per 1000.

Extra selected, $8.00 per 100; $70.00 per 1000.

VICK & HILL CO.

P. O. Box 613 ROCHESTER, N. Y.

Mention The Review when you write.

LEEDLE SPRINGFIELD ROSES

2½-in. Shipping — Booking — 4-in. Growing



The United States Nursery Co.

Roseacres, Coahoma Co., MISS.

Mention The Review when you write

LARGE TREES

OAKS AND MAPLES, PINES AND HEMLOCKS

ANDORRA NURSERIES

Wm. Warner Harper, Prop.

Chestnut Hill, Philadelphia, Pa.

Mention The Review when you write.

FRUIT TREES Prices Reasonable — APPLE and PEACH. Large stock Fine Trees, commercial varieties. **Mitchell Nursery,** Beverly, Ohio

California Privet



Grown as a Specialty

You go to a specialist in other lines of business because you know you will get the best service. This applies to growers of nursery stock as well. Give me a trial and be convinced.

I have a large block to move this Fall, and will quote you prices that will enable you to get California Privet business. The stock will be as fine as can be grown. Send your list at once.

I am growing California Privet to sell, and I sell it. There must be a reason

C. A. BENNETT ROBBINSVILLE, NEW JERSEY

Mention The Review when you write.

California Privet

A full supply for all who need well grown, well graded, well rooted and well packed 2-year-old

California Privet

Only strong branches counted. Satisfaction guaranteed.

	Per 100	Per 1000
12 to 15 in., branches	$1 00	$ 7 00
15 to 20 in., 3 or more branches	1.50	10.00
20 to 30 in., fine, 4 or more branches	2 00	15 00
2½ to 3 ft., strong 6 or more branches	3.00	25.00
3 to 4 ft., extra hv'y, 8 or more branches	4.00	30.00

10 per cent off on 5000 lots of the first four grades. Special low rates on car lots. Correspond before purchasing.

Chas. Black, Hightstown, N. J.

Mention The Review when you write.

California Privet

Extra Fine,

$10.00, $12.00, $15.00 per 1000

Samples free. No charge for boxes or packing.

HENRY EICHHOLZ, Waynesboro, Pa.

Mention The Review when you write.

HARDY CHOICE

ORNAMENTALS

Ask for Prices

Hiram T. Jones

Union County Nurseries, Elizabeth, N. J.

APPLE SEEDLINGS

Both American and French Grown, straight or branched roots.

ALL GRADES. ORDER NOW.

APPLE GRAFTS

Piece or Whole Roots. Long list of varieties. Ask for prices.

ALSO A GENERAL LINE OF NURSERY STOCK.

.... ADDRESS ....

Shenandoah Nurseries

D. S. LAKE, Prop.

SHENANDOAH, Page County, IOWA

Peonies

ROSE GARDENS, NORTH EMPORIA, VA.

Mention The Review when you write.

PEONIES

We have one of the finest stocks anywhere in the country and shou'd be very glad to figure with you on your list of wants.

PETERSON NURSERY,

Stock Exchange Building. CHICAGO

Mention The Review when you write.

to dry it out, to conserve its moisture, to give it air and sunshine that it may unlock its storehouse of fertility for the nourishment of life, and as he watches its kindly response to his care, he sometimes fancies that indeed the earth is imbued with life and wisdom and that the trees and flowers he loves are to him close akin. He looks beyond the field in which he plows and sees the great railways hurrying their trainloads of fruit from the mountains of the west to the cities of the east, and it does him good to know that his labors in the fields and his influenec with men have helped to bring into being this great wealth. And, looking still beyond the field of thriving enterprise, he catches a glimpse of thousands of orchards in bloom, while 'neath the trees the children play or ponder over the mysteries of nature even as he did in childhood's happiest days, and he asks the question: "Has not he done his part of the labor of the world and for the joys of his youth provided by those who came before given back to the world full measure?"

PACIFIC COAST.

The Wenatchee Valley Nursery Co., at Wenatchee, Wash., has made arrangements to establish a branch nursery at Molson, Wash.

Pacific coast growers will be specially interested in the letter, "Gladiolus Topics," which appears on another page of this issue. Mr. Pryal speaks of conditions in the vicinity of San Francisco.

A Pacific coast nurseryman who has been around a bit is quoted as saying: "One thing that struck me as significant is that most of the growers on the coast are planting canning fruits, such as cling peaches and Bartlett pears, and passing up the shipping fruits. This is due in a great measure to the low prices shipping fruits brought in the eastern markets this year."

PORTLAND, ORE.

The Market.

Frost and a few days of cold weather have at last put a quietus on all outside stock, except where it was well sheltered. Business has picked up accordingly; yet there is a laxity, compared with former years. Mums are plentiful and are the leading commodity on the market. White Killarneys seem to be plentiful, but there is a scarcity of pink varieties. Carnations are more abundant, with an increased demand. Prominent funerals and weddings of the last week utilized all available orchids and valley.

Various Notes.

John D. Arentshorst, representing Baartman & Koning, bulb growers of Sassenheim, Holland, is calling on the local trade this week.

John Holden is looking after the growing end of Clarke Bros.' range.

The Heilig Flower Shop discontinued business November 1, not finding it a profitable location. E. R. C.

TACOMA, WASH.

The Market.

Although business conditions in this vicinity are not all that could be expected, the demand has been fairly good and there is extremely little surplus stock, especially in the better grades. The weather has been fine; too fine, indeed, to suit the growers, as there has not been sufficient frost to kill the outdoor flowers and it is not unusual to see roses, dahlias and other kinds of outdoor plants in full bloom. Carnation stock is of good grade and some of the best mums ever seen in this market are now coming in. Roses are slow, but of good quality.

Various Notes.

The Florists' Club met November 2, in its new club room at the Tacoma hotel, and, after a general business meeting, adjourned to give the members time to bowl. The club now has a membership of thirty-one, and can feel justly proud of the work being accomplished, both for the business firms and the employees.

The Flower Shop is being reopened this week, under the management of

CALLAS

The Golden Yellow Calla. **Calla Elliottiana.**

Flowering bulbs.....$14.00
Large bulbs..... 16.00

Delivery in October.

MacRORIE-McLAREN COMPANY

711-714 Westbank Bldg., SAN FRANCISCO, CAL. Nurseries, SAN MATEO, CAL.

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS SEED

Season 1911—1912.
Early Winter and Spring Delivery.

Our large plumosus houses now give promise of a good seed crop, and we are now booking orders subject to crop-setting.

All small orders, prompt delivery. All orders 20,000 or over, one-fourth December or January, one-fourth during February, balance from main crop during March.

Can supply in any quantity—Asparagus plumosus nanus seed, guaranteed true to name, at the following prices: In lots less than 5000, $2.50 per 1000; 10,000, $2.00 per 1000; 20,000, $1.75 per 1000; 50,000, $1.50 per 1000. Write for quotations on larger lots.

Los Angeles Flower Market, 414½ South Broadway LOS ANGELES, CAL.

Mention The Review when you write.

LYNCH NURSERY COMPANY

Wholesale growers and shippers of Cut Flowers
CHRYSANTHEMUMS, ROSES, CARNATIONS, SMILAX, ASPARAGUS
We cover all Pacific Coast points

MENLO PARK, CALIFORNIA

Mention The Review when you write.

BULBS TIPTOP QUALITY FOR FORCING

EXPRESS PREPAID to any point in the United States

	100	1000
SPANISH IRIS		
White, Yellow, Blue, named varieties.	$0.70	$ 5.50
EARLY-FLOWERING GLADIOLI		
The Bride, pure white	.75	6.00
Blushing Bride	.75	6.00
Peach Blossom, beautiful shade of pink	1.10	9.00
NARCISSUS POETICUS		
Ornatus (Pheasant's Eye)	.80	6.50
MAY-FLOWERING TULIPS		
Gesneriana Major, the true large-flowered, long-stemmed variety	1.20	10.50

C. EADEN LILLEY, Santa Cruz, Cal.

Mention The Review when you write.

Asparagus Plumosus Nanus

	Per 100	1000
From flats, transplanted	$ 1.75	$15.00
Asparagus Plumosus Nanus, large size.	2.00	17.50
Primula Chinensis, 3-in. pots	5.00	.....
Hydrangea Otaksa, from flats	5.00	.....
Hydrangea Otaksa, 6-in. pots	20.00	.....

H. HAYASHI & CO.

73rd and Thomas St., Elmhurst, Cal.

Mention The Review when you write.

Marguerite Mrs. F. Sander, Dreer's new large double white; R. C., $2.50 per 100.

Asparagus Plumosus and Sprengeri, strong seedlings, 75c per 100.

CALLAHAN FLORAL CO., Ventura, Cal.

Mention The Review when you write.

SHASTA DAISIES

Alaska, California and **Westralia,** extra strong field divisions, $24.00 per 1000; $2.50 per 100.

Cyclamen Persicum Giganteum, 3, 4 and 5-in. pots, $7.00, $12.00 and $20.00 per 100. Fine bushy plants, well budded.

Asparagus Plumosus, 3-in., $5.00 per 100.

Asparagus Sprengeri, 3, 4 and 5-in. pots, $5.00, $8.00 and $15.00 per 100.

Also **Shasta Daisy, Pentstemon Hybridum Grandiflorum, Delphinium Hybridum** and other choice seeds. Send for list.

Cash, please.

FRED GROHE, Santa Rosa, Cal.

R. D. 4.

Mention The Review when you write.

CYCLAMEN

7-in. pots, per doz	$ 9.00
6-in. pots, per 100	65.00
5-in. pots, per 100	$45.00 to 50.00
4-in. pots, per 100	25.00
Cyclamen, 25,000 August seedling plants, all separate colors, per 100, $2.00; per 1000,	18.00
Asparagus Plumosus, 3-in. pots, per 100	7.00
" " 2-in. pots, per 100	3.00
" **Sprengeri**, 3-in. pots, per 100	5.00
" " 2-in. pots, ready for shift, per 100	2.50
Boston Ferns, per 100	$25.00, $40.00 and 50.00
Elegantissima Ferns, per 100	25.00, 40.00 and 50.00
Whitmani Ferns, per 100	25.00, 40.00 and 50.00

F. O. B. Portland.

R. KEIL, - Lents, Oregon

Mention The Review when you write.

the Smith Floral Co. Mr. Smith is remodeling the whole store front and will have an up-to-date retail place when it is finished. The stock will be furnished from the company's greenhouses in the south end.

A party of local florists called on S. Poolman, manager of the greenhouses of the Woodland Floral Co., at Sumner, last Sunday. They all report that they had a pleasant time and found the stock in fine condition.

J. L. S.

SAN FRANCISCO.

The Market.

Business is only fair, if one must be truthful. The weather is too beautiful for anything except a superabundance of flowers, and when we have this condition at this season, where there is always more or less of an excess of mums, the balance of the stock suffers. The big Berkeley-Stanford game this week, and preparations for the Thanksgiving holiday almost immediately afterwards, will stimulate trade, no doubt, and put prices right. The mums just spoken of are in elegant shape this season and are as popular as ever. Violets, owing to the cooler nights, are coming into town with stiffer stems and richer color daily. They move well. Roses of the short-stemmed quality are in too heavy supply for the demand and, although not so cheap as they have been, move slowly. Outdoor flowers are about as usual, except that sweet peas are over and dahlias and late-flowering amaryllis are near the end of their season. Smilax is more plentiful and adiantum somewhat scarcer.

Various Notes.

We are glad to report that McMillan Brown is on the road to recovery after a severe sickness. He expects to leave the hospital in a few days.

Geo. C. Roeding, of the Fancher Creek Nurseries, Fresno, Cal., is in town.

The regular meeting of the Pacific Coast Horticultural Society was held in Red Men's hall on the evening of November 4. About fifty members were in attendance.

Chas. Bagnall, formerly with the Sievers-Cornwell Co., and more recently with Wright's Flower Shop, in Los Angeles, is in town and will permanently locate here.

Mrs. C. F. Wells, of the Gem Nursery, Los Gatos, is in town calling on the local trade.

The first of the Holland bulb salesmen has arrived in San Francisco. P. Krouwel, representing Speelmen & Sons, of Sassenheim, is the party.

From advices from nurserymen in central and southern California it seems the trade is much more backward this season than it should be and the feeling is general that nothing short of a heavy rain will stimulate the plant department to a healthy showing. G.

NURSERIES IN WASHINGTON.

Records of the shipping of millions of fruit trees into the state of Washington will be received within the next two months at the office of State Horticultural Commissioner F. A. Huntley, in Tacoma. Mr. Huntley has just returned from a trip through eastern Washington. The shipping season for

CARNATION CUTTINGS

We have recently greatly enlarged our facilities for propagating, and solicit your orders if you want No. 1 healthy Carnation Cuttings. We aim to build up our business by square dealing, and thrifty stock. Give us a trial and we will prove to you the value of good stock at reasonable prices. Under the above conditions we submit to the trade the following prices for the coming season, and will be able to furnish first crop cuttings after November 25.

	100	1,000	Unrooted 1,000
Enchantress	$2.50	$20.00	$10.00
R. P. Enchantress	2.00	18.00	10.00
White Enchantress	2.50	20.00	10.00
Washington	6.00	50.00	37.50
Pink Delight	3.00	25.00	12.50
White Wonder	6.00	50.00	37.50
Princess Charming	...	....	37.50
Dorothy Gordon	3.00	25.00	12.50
White Perfection	2.50	20.00	10.00
Beacon	2.00	17.50	10.00
Victory	2.00	17.50	10.00
Harlowarden	1.75	15.00	8.00
Alma Ward	2.50	22.50	11.50
Admiration	2.00	18.00	9.00

Twenty-five or more at 100 rate, 250 at 1,000 rate. We prepay on orders amounting to $10 or more for rooted cuttings. All orders for unrooted cuttings F. O. B. Loomis.

ASPARAGUS PLUMOSUS, 3½-in., $5.00 per 100.

LOOMIS CARNATION CO.,

D. F. RODDAN & SON, Props. **LOOMIS, Placer Co., CAL.**

Mention The Review when you write.

Rooted Carnation Cuttings

NOVEMBER DELIVERY

WHITE	100	1000
Pure White Enchantress	$2.25	$20.00
White Perfection	2.25	20.00
Alma Ward	3.00	25.00
PINK		
Dorothy Gordon	3.00	25.00
Pink Delight	3.00	25.00
Mrs. C. W. Ward	3.00	25.00
Enchantress	2.00	18.00
Rose-pink Enchantress	2.00	18.00
Winsor	2.00	18.00

PINK	100	1000
Winona	$2.00	$18.00
RED		
Beacon	2.00	18.00
Victory	2.00	18.00
O. P. Bassett	2.00	18.00
YELLOW		
Eldorado	2.00	18.00
VARIEGATED		
Prosperity	2.00	18.00

We prepay express charges on orders amounting to $10.00 or more.

25 at 100 rate; 250 at 1000 rate.

Cash, or satisfactory references.

For prices on unrooted cuttings see The Review of October 19.

BASSETT'S FLORAL GARDENS, B. S. BASSETT, Proprietor **LOOMIS, CAL.**

Mention The Review when you write.

Los Angeles Flower Market

CHAS. E. MORTON, Mgr. **414½ S. Broadway, Los Angeles, Cal.**

The best equipped wholesale house on the Pacific Coast. Handling the entire cut from eighteen large growers. Chrysanthemums, Roses, Carnations, Violets, Plumosus, Ferns, Smilax, in fact everything in season.

FLORISTS' SUPPLIES

Write, telegraph or telephone your orders. Prompt attention given.

Mention The Review when you write.

NO MORE ORDERS BOOKED

For Thanksgiving Delivery.

Stock for that date all sold Write for prices on **stock Mums, Carnation, Violet and Geranium Cuttings.** All the best varieties.

Van Slyke & Seamons, R. F. D No. 2, Box 18, **Tacoma, Wash.**

CARNATION CUTTINGS

Rooted or unrooted.

California Carnation Co., Loomis, Cal.

HOLLYHOCKS FOR THE WEST

Now ready. Splendid field-grown plants from the famous **Chater's strain** of double Hollyhocks, in separate colors, as follows: White, canary yellow, apple blossom, peach blossom, scarlet, rose, deep red and brown-black. These are from seeds sown early in the spring and given space in the open. They are simply perfect, strong plants, which will flower heavily next year, yet I can send fine sizes for mailing if desired. I will deliver to customer by express at **$5.00 per 100**, assorted or choice. Sample plants on application. Other hardy plants.

CARL PURDY, UKIAH, CAL.

Mention The Review when you write.

nursery stock began in the latter part of October. Not so much planting will be done this year as there has been in some years in the past, but there will be a great deal. Record of each shipment must be sent to the state office in Tacoma, as well as to the office of the local inspector into whose territory the shipment is made.

New interest in horticulture is being aroused west of the mountains, a meeting being planned to be held in Centralia, to encourage the development of that section in the same manner in which the Puyallup valley has been developed. Mr. Huntley and others interested in horticulture will speak at this meeting.

Richmond, Cal.—Adolph Winters has closed his establishment at Fourth street and McDonald avenue and has organized a flower and nursery business in West Richmond, under the name of the Adolph Winters Co. He reports a good trade.

Los Angeles, Cal.—It is reported that Frank M. Smith, formerly of the Smith & Fetters Co., Cleveland, O., has stated that he is making plans to open a first-class flower store here. Mr. Smith has resided here for some time. He is now on an eastern trip. He is one of the most skillful flower artists in the country.

Seattle, Wash.—The city park board has accepted the plans prepared by Hitchings & Co., of New York city, for a conservatory to be erected in Volunteer park, and has also accepted that firm's bid of $9,920 for furnishing the materials, including the heating apparatus and the interior fittings. The conservatory will be 25 x 200, with 42-foot wings on each end. The total cost of both materials and erection is estimated at $24,500.

Santa Cruz, Cal.—Clarence Goodwin, a youth who was formerly employed by the Leedham Bulb Co., of this city, has formed a partnership with C. E. Berg, another young man, and they have begun business in a modest way as growers of outside stock. They will plant a line of bulbs, such as narcissi, irises and gladioli, as well as several varieties of Spencer sweet peas. They are also planning to grow asters and snapdragons. A local shipper, they say, has agreed to handle their output next spring. They intend later to build a greenhouse and grow carnations and other stock.

POINSETTIA LEAVES DROPPING.

Can you tell me why my poinsettias drop their leaves so badly? Writers in The Review say to give them a temperature of 50 to 55 degrees at night till they begin to set their bracts, when they should have a somewhat higher temperature. Also it is stated that want of feed, too much dryness at the roots or too low a temperature will cause the trouble. In my case it seems likely that the temperature is to blame, for when I had them in a rose house, running it at 58 to 60 degrees, they did not drop their leaves. What do you think? S. M.

Poinsettias kept at 50 to 55 degrees at night should not lose their leaves unless they are too much potbound and starved at the root or have been allowed to become too wet or dry. The bracts will soon be showing, and your rose house, with a temperature of 58 to 60 degrees, will be just what the plants will need. C. W.

THAT TREE STUMP AGAIN.

A recent issue of The Review contained an inquiry as to how a tree stump might be removed without grubbing or blasting. Here is a good, reliable and safe method: Bore the stump full of 1-inch holes, making the holes deep enough to penetrate well into the heart of the stump; fill the holes with kerosene and let it soak in for a few days. Then set the stump afire and it will burn out slowly but surely. W. G. H.

Chrysanthemum Stock Plants

	Per plant	
WHITE		
Mrs. David Syme		$1.00
Other Varieties	Per doz.	100
W. Oct Frost	$0.60	$4.00
Kalb	.60	4.00
White Cloud	.60	4.00
Ivory	.60	4.00
Virginia Poehlmann	.60	4.00
Touset	.60	4.00
Alice Byron	.60	4.00
W. Eaton	.60	4.00
W. Jones	.60	4.00
W. Chadwick	.60	4.00
Jeanne Nonin	.60	4.00
YELLOW		
Yellow Oct. Frost	.75	5.00
Monrovia	.60	4.00
Oct. Sunshine	.60	4.00
Halliday	.60	4.00
Yellow Ivory	.75	5.00
Major Bonnaffon	.60	4.00
Y. Eaton	.60	4.00
Golden Chadwick	.60	4.00
Yellow Jones	.60	4.00
PINK		
Pink Ivory	.60	4.00
Balfour	.60	4.00
Dr. Enguehard	.60	4.00
Maud Dean	.60	4.00
RED		
Intensity	.60	4.00
Shrimpton	.60	4.00
BRONZE		
Fancy Bronze	.75	5.00

ROOTED CARNATION CUTTINGS

	R. C.		2½-in. pots	
	100	1000	100	1000
Enchantress	$2.50	$20.00	$3.50	$30.00
White Enchantress	2.50	20.00	3.50	30.00
Winsor	2.50	20.00	3.50	30.00
Harlowarden	2.50	20.00	3.50	30.00
Beacon	3.00	25.00	4.00	35.00

Woodland Park Floral Co.
S. Poolman, Mgr. SUMNER, WASH.
P. O. Lock Box 86. Phone Farmers 84.
Mention The Review when you write.

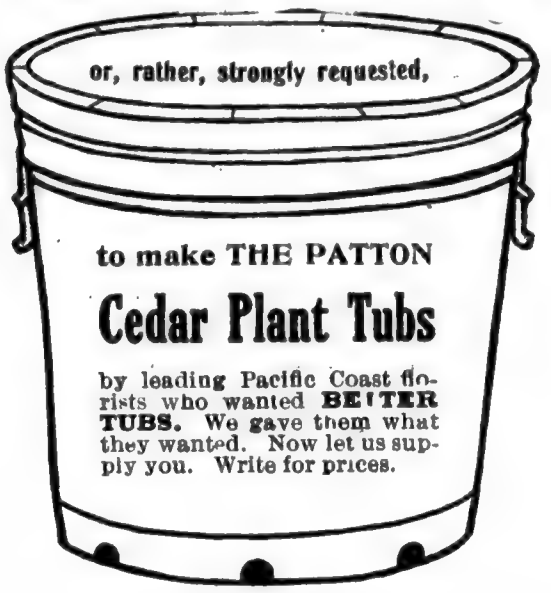
BARGAIN PRICES
Selling out all nursery stock except Kentias
Phoenix Canariensis, from 12-inch tubs, of fine appearance 3½ feet, $1.25 each.
Phoenix Canariensis, balled and ready for shipment, 2, 2½, 3, 3½, 4, 4½, 5, 5½ feet, at 40c, 50c, 60c, 80c, $1.00, $1.20, $1.45, $1.75 each.
Phoenix Can., from 2½-inch, $5.00 per 100.
Washingtonia Rob., from 2-inch, $4.50 per 100.
Cocos Plumosa, balled, 3, 4, 5, 6, 7 feet, at $1.50, $2.00 $3.00, $4.50, $6.00 each.
Write for special prices on carload orders.
Kentia Nurseries. - Santa Barbara, Cal.

Asparagus Plumosus and Sprengeri
Out of 2-inch pots, $3.00 per 100.
Phoenix Canariensis, out of 2½-inch pots, $5.00 per 100.
Washingtonia Sonorae, out of 2-inch pots, $5.00 per 100.
H. KEMPF, Pacific Nursery
3041 Baker St., SAN FRANCISCO, CAL.

RAHN & HERBERT
110 E. 49th St., PORTLAND, ORE.
Marguerite Mrs. F. Sander, 2½-in. pots, fine plants, $15.00 per 100.
Heliotrope Centifleur, 2½-in. pots, $10.00 per 100.
Hall Caine Geranium, largest and best bloomer of all, single, red, 2 in. pots, $5.00 per 100.
Palms, Ferns and Araucarias. Write for prices.
Mention The Review when you write

F. G. EHLE, 224 Sanborn Ave., SAN JOSE, CAL.
Bedding Plants a Specialty.

WE WERE FORCED



PATTON WOODEN WARE CO.
SEATTLE, WASH.
Mention The Review when you write.

GREENS
We make a specialty of Decorative Greens: Smilax and A. Plumosus strings, A. Plumosus and A. Sprengeri Sprays. Also cut flowers. Write for prices.
Walter Armacost
OCEAN PARK :: :: CAL.
Mention The Review when you write.

SAM ROAKE
Clackamas, Oregon
The Old Reliable Decorative Green Goods Man
Native Dagger Ferns (picked to order), $1.50 per 1000
Brown and Green Oregon Grape, Salal, and Tree and Ground Moss (in sacks). Prices on application.
Mention The Review when you write.

Sweet Pea Seed
"The Three Incomparable Reds"
Thos. Stevenson, orange-scarlet Spencer.
Maud Holmes, crimson (sun-proof) Spencer.
Kelway's Black, grandiflora.
Write for prices.
LEONARD COATES NURSERY CO.
Morganhill, Santa Clara Co., Cal.

Seattle Cut Flower Exchange
909-911 Post Street
Fine Berried English Holly for Holidays
We are headquarters for cut flowers, plants, native and other greens in the northwest. Send in your wants.
Consignments solicited.
Mention The Review when you write.

PALMS PALMS PALMS PALMS PALMS
Washingtonia, Seaforthia, Phoenix, etc.
Write for our wholesale palm list.
EXOTIC NURSERIES, Santa Barbara, Cal.
PALMS PALMS

NOTICE
To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the continent of Europe: Your best means of doing this is to take in the
Horticultural Advertiser
Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade.
A. & C. Pearson, Lowdham, Nottingham, Eng.

Double Improved



WHITE KILLARNEY

You will want to grow this rose. **It is good.** It is making new friends every day and is sure to win its place at the head. Excellent for Summer and Winter. **Remember,** it is pure **white.**

We are booking orders now at the following prices:

	Own-root	Grafted
12 plants,	$ 6 00	$ 7.50
25 plants,	10.00	12.50
50 plants,	16 00	18.00
100 plants,	25.00	30.00
250 plants,	60.00	70.00
1000 plants,	200 00	250.00

For larger quantities, write for prices.

We have a large stock already started and can make early delivery.

S. J. REUTER & SON, Inc., Westerly, R. I.

Mention The Review when you write.

20,000 extra strong field-grown plants of

NORWOOD CARNATION

The most profitable White Carnation you can grow.

$10.00 per 100; $75.00 per 1000.

A rare chance. Better order promptly.

ROBERT CRAIG CO.

49th and Market Sts., PHILADELPHIA

Mention The Review when you write.

CARNATIONS

A. JABLONSKY,

OLIVETTE, St. Louis Co., MISSOURI

Our New Scarlet Carnation

ST. NICHOLAS

Scored 90 points at the St. Louis, Mo., Show on Nov. 8th. The highest score given any new variety on exhibition.

This ought to satisfy you as to its quality.

You can satisfy yourself as to its productiveness by visiting our plant at any time it is convenient for you.

We invite inspection. But get your order in now if you want early delivery.

$12.00 per 100; $100.00 per 1000.

BAUR & STEINKAMP

Carnation Breeders **Indianapolis, Ind.**

Always mention the Review when writing to Advertisers

THE NEW YELLOW FORCING ROSE SUNBURST



This magnificent, giant yellow rose has been tested for three years in our benches; it stands head and shoulders above all other sorts of its color and will rank with American Beauty and the Killarneys in value and grandeur—because

It has a long, pointed bud, which can be cut tight for market. It is pre-eminently a long-stemmed rose. The stem is always stiff. It is free in bottom breaks. Is extraordinarily vigorous and healthy. Belongs in the class of **Big Roses.** Its keeping qualities rank with the best. Buds shipped from Richmond last December opened up perfectly in both Philadelphia and New York, where it scored 90 before the Florists' Club.

The color is orange-copper or golden orange and golden yellow, all intense shades, extremely brilliant in effect.

Come and see it growing; we have 8,000 of it benched.

Does splendidly out of doors; will rank high as a bedder. At the Chicago show, 1910, it was awarded the silver cup for the best new rose never before exhibited, and the judges unanimously gave it honorable mention additional. Has created a sensation wherever shown.

Raised by M. Pernet-Ducher, from whom we bought the American rights.

We have divided our stock with Mr. C. H. Totty, of Madison, N. J., to give eastern growers a chance to see it growing. Will be distributed March 1 in America by C. H. Totty and The E. G. Hill Co. Mr. Pernet will distribute same date in Europe.

The American price is $30.00 per 100; $250.00 per 1000 (own roots); $5.00 per 100 additional for grafts

THE E. G. HILL CO., Wholesale Florists, RICHMOND, IND.

Mention The Review when you write

NEW BEDFORD, MASS.

Funeral work last week was good. Flowers are in excellent supply. Just now carnations retail at 50 cents per dozen; some extras at 60 cents per dozen. Roses at $1 and $1.50 per dozen. Mums are still the whole show; they retail from $1.50 up to $3 per dozen. Early sorts are about all cut. Violets sell well at $1 per hundred blooms; lilies at $2 per dozen. Candytuft helps out. Stevia will be in bloom in a couple of weeks, also Paper Whites. Plant trade is fair.

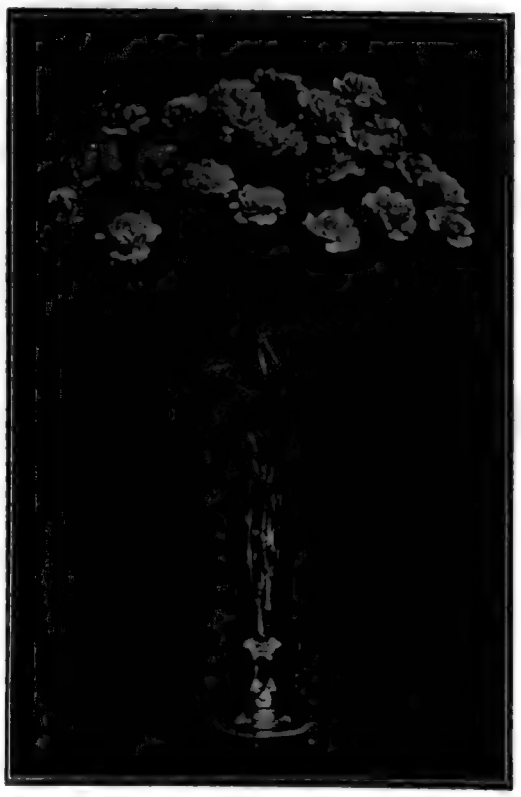
E. H. Chamberlain has some nice ferns in his window, which make a display by themselves.

Wm. P. Peirce, on Union street, had a nice window display of mums last week.

R. E. Nofftz, on Williams street, has a tasteful window display at all times.

Nursery business is good. Privet hedges sell well at good prices. Bulbs are still selling, though a great many have been planted. W. L.

Woburn, Mass.—The Journal says: "Some of our florists are given to bragging of their superior skill and taste in arranging nosegays and bouquets, but we venture to say that Charles M. Strout, of Montvale avenue, can give them odds at the business and beat them to a standstill every time. He don't think a bouquet is worthy of the name if it can be crowded into a bushelbasket, and turns up his nose at one containing less than 100 or 200 flowers. For building up bouquets Mr. Strout has no successful competitor in Middlesex county."



White Wonder

Average length of stems, September, 21 inches.

ROOTED Carnation Cuttings

Orders booked now for early delivery, or later shipments will be made on date desired. Early orders insure your receiving stock when wished for. Quality is guaranteed. Only strong, well-rooted cuttings from absolutely healthy plants are sent out.

	Per 100	1000
White Wonder Early, free, large pure white, on long, stiff stems	$6.00	$50.00
Gloriosa Delicate light pink	6.00	50.00
Pink Delight Light pink	4.00	35.00
Mrs. C. W. Ward Deep pink	3.00	25.00
Sangamo Deep pink	3.00	25.00
May Day Light pink	3.00	25.00
Winona Medium pink	3.00	25.00
Winsor Clear pink	3.00	25.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00

Orders will be filled strictly in rotation. Remittance or acceptable references should accompany the order. One-third the amount to be prepaid for cuttings ordered sent C. O. D.

FRANK P. PUTNAM

Pleasant View Gardens, NORTH TEWKSBURY, MASS.

P. O. Address, Box No. 12, Lowell, Mass.

Mention The Review when you write.

KILLARNEY

Double Killarney is the best pink rose for warm weather. Contracts made for cuttings, eyes or own root plants.

JOHN WELSH YOUNG, Upsal Sta. P. R. R., Philadelphia, Pa.

MELODY, own root, from 2½-in. pots, $6.00 per dozen; $30.00 per 100; $70.00 per 250; $250.00 per 1000.

DOUBLE PINK KILLARNEY, own root, $4.00 per dozen; $20.00 per 100, $40.00 per 250; $150.00 per 1000. Grafted plants on Dickson's Manetti stock, $10.00 extra per 100.

ROBERT SCOTT & SON,

SHARON HILL, Delaware Co., PA.

We Are Now Booking Orders for Delivery in March, 1912

Double White Killarney

THIS ROSE, IN THE OPINION OF THE BEST ROSE GROWERS IN THE COUNTRY, IS



The Grandest Forcing Rose That Has Ever Been Offered

Pure white, or practically so, with size, substance and petalage, it is a wonderful white summer rose, and as a winter forcing rose it has no equal.

Killarney Queen A cerise pink, with the same petalage as Killarney, but in growth and character of bloom it is stronger and heavier than Killarney.

These are the roses shown at the Baltimore Convention in August. They will be at Detroit in January.
Awarded Certificate of Merit by Chicago Florists' Club, Nov. 2, 1911.

Each variety considered separately; prices the same.

GRAFTED				OWN ROOT			
Each	$ 0.75	250	$ 70.00	Each	$ 0.75	100	$ 25.00
12	7.50	1000	250.00	12	6.00	250	60.00
25	12.50	2500	600.00	25	10.00	1000	200.00
50	18.00	5000	1100.00	50	16.00		
100	30.00						

No special price on larger quantities than 1000 own root plants.

We have an excellent stock of **Dark Pink Killarney, Double Pink Killarney, Lady Hillingdon, Mrs. Aaron Ward, Melody, Mrs. Taft (Antoine Rivoire)**, and standard varieties.

Our Catalogue will be issued in December. We want you to receive one. Send us your name.

A. N. PIERSON, Inc., Cromwell, Conn.

YOU WHO WANT

Early Cuttings

Place your orders now and you will get

DECEMBER 1st DELIVERY

	Per 100	Per 1000
White Enchantress, Beacon, Perfection, Victory,	$3.00	$25.00
White Wonder, Gloriosa, Norwood,	$6.00	$50.00

Dorothy Gordon, $4.00 per 100; $35.00 per 1000

CHRYSANTHEMUM STOCK PLANTS

WHITE—October Frost, Virginia Poehlmann, Touset, Byron, Lynnwood Hall.
YELLOW—Halliday, Golden Glow, Bonnaffon.
PINK—Balfour, Pacific Supreme.
CRIMSON—Pockett's Crimson, Intensity, Shrimpton.

CUTTINGS—CROCUS, The Best Yellow Mum, - - - $4.00 per 100; $35.00 per 1000

THOMPSON CARNATION CO., Joliet, Ill.

Mention The Review when you write.

TORONTO.

The Market.

Trade has held up exceedingly well. All lines are in good demand and a good call for design work has cleaned up the surplus. All stock is in excellent condition, particularly mums.

Various Notes.

Park Commissioner James Wilson, who left for the west in the middle of October, in search of better health, died at Salmon Ann, B. C., October 30. His body was brought east and buried at Niagara Falls, Ont.

Wm. Jay, Jr., son of a well known Toronto florist, and himself in the business, died here last week.

C. Bennett has opened a second store on Yonge street. His growing plant on Queen street, N., is being reglazed. He is also erecting a couple of new houses.

The Ontario horticultural exhibition opened November 14 and will continue till the end of the week. E. A. F.

Kewanee, Ill.—When Hamilton & Plummer began business here, they were able for a short time to handle their trade satisfactorily with the product of their small greenhouses on Third street. This source of supply, however, soon became inadequate; so they purchased five acres of land near Terminal park and there erected a range which now comprises 16,000 square feet of glass. The Third street place was retained and was used as salesrooms and business headquarters.

MUMS

STOCK PLANTS

	Per 100
Col. Appleton, yellow	$3.00
T. Eaton, white	3.00
R. Halliday, yellow	3.00
Maj. Bonnaffon, yellow	3.00
Early Snow, white	3.00
Virginia Poehlmann, white	3.00

A. L. RANDALL CO.
66 E. Randolph Street, CHICAGO

Mention The Review when you write

Stock Plants of Mums

At $5.00 per 100

Golden Glow, Pacific Supreme, V. Poehlmann, Gloria, Robert Halliday, Pink Ivory, Ivory, White Cloud, Mrs. Jerome Jones, Yellow Jones, Alice Byron, Mrs. H. Robinson, Golden Wedding, White Bonnaffon, Major Bonnaffon, W. H. Chadwick, Dr. Enguehard, Jeanne Nonin, Tim. Eaton, Yellow Eaton Adelia.

FISCHER & BURKLAND
R. F. D. No. 2, Box 77, Youngstown, O.
Mention The Review when you write.

Mum Stock Plants

Monrovia, Halliday, Pacific Supreme, Balfour, Ivory, Winter Cheer, Charles Razer, Bonnaffon, Nagoya, Pompons, Quinola, Alma, Clarinda, $1.00 per dozen; $5.00 per 100.

COLLINGDALE GREENHOUSES
COLLINGDALE, PENNSYLVANIA

THE REVIEW sends Scott's Florists' Manual postpaid for $5.

PLANTS
YOU NEED

ROOSEVELT FERN, the coming fern to grow, 2½ in. stock, $2.50 per doz.; $17.50 per 100; $150.00 per 1000.

	12	100
2½-in. Boston Ferns, 1000, $40.00	$0.60	$ 4.50
3-in. " "	1.00	8.00
4-in. " "	2.00	15.00
5-in. " "	3.00	25.00
6-in. " "	5.00	40.00
7-in. " "	7.50	60.00
2½-in. Whitmani Ferns	.75	5.00
3-in. " "	1.00	8.00
4-in. " "	2.00	15.00
5-in. " "	3.00	25.00
2-in. Asparagus Plumosus Nanus,		3.00
3-in. " " "	1.00	7.00
2-in. Asparagus Sprengeri		2.50
3-in. " "		6.00
2½-in. Dracaena Indivisa	.50	3.50
3-in. " "	1.00	7.00
4-in. " "	2.00	12.50
3-in. Cyclamen, 4 to 6 var., 1000, $70.00 Very fine imported strain.		7.00
4-in. Begonia Gloire de Lorraine	4.50	35.00
4-in. Pandanus Veitchii	5.00	
4-in. Crotons, in variety	4.50	
2-in. Hydrangea Otaksa		4.00
3-in. " "	1.00	8.00
4-in. " " 2 to 3 crowns,	2.00	15.00
5-in. " " 3 to 5 crowns,	3.00	25.00
2-in. Lantana, 3 vars., inc'g trailing		3.00

Goods carefully packed so as to arrive safely in any part of the United States, Canada or Mexico.

All stock in prime condition and satisfaction guaranteed. 60 days to buyers of approved credit. 2 per cent discount for cash with order. Kindly name Express Company.

D. U. Augspurger & Sons Co.
PEORIA, ILL.



DELHI

is **the Scarlet Carnation** that will prove a profitable investment.

¶ **Delhi** is a seedling of exceptional merit—a cross of Enchantress on an unnamed scarlet seedling.

¶ **Delhi** comes in early, it is free, and produces fine blooms throughout the season.

¶ **Delhi** is a strong grower, of ideal habit, making no surplus grass—every shoot coming into flower.

¶ **Delhi** has a calyx that is perfect and **absolutely non-bursting.**

¶ Its color is that of Victory or Beacon at its best, but, unlike the latter, it does not fade into an orange tint during the early fall and late spring.

¶ **Delhi** under ordinary treatment (and it has been grown all along in ordinary field soil without any admixture of fertilizers) makes 3 to 3½-inch blooms. Its keeping qualities cannot possibly be surpassed, for blooms shipped to Georgia, Florida and other southern points were never known to reach destination in a sleepy condition.

¶ **Delhi** is a breadwinner. Place your order, you will not regret it.

$10.00 per 100; $75.00 per 1000.
250 at 1000 rate.

S. S. Skidelsky & Co., 1215 Betz Bldg., PHILADELPHIA, PA.

Wm. Murphy, 309 Main Street, CINCINNATI, OHIO

CHRYSANTHEMUMS!

Novelties for 1912

WHITE GLORIA—A white sport from Gloria.

PINK GEM—An incurved pink.

AESTHETIC—Beautiful primrose, incurved.

ARTISTIC QUEEN—Loosely incurved. Exhibition pink.

CHRISTY MATHEWSON—Large exhibition white.

NONTERO—Commercial white, incurved.

SMITH'S SENSATION—Light pink exhibition, incurved.

WHITE PERFECTION—Incurved white, commercial section.

CLEA—Single, light pink.

Descriptions and Prices on Application.

ELMER D. SMITH & CO., Adrian, Mich.

Stock Plants from Prize-winning Stock

Our Mum stock can't be beat, so at this price you can afford to buy the best. **60c per doz.; $4.00 per 100;** while they last.

YELLOW	YELLOW	PINK	PINK	WHITE	WHITE
Crocus straw color	Golden Wedding	Pacific Supreme	Mayor Weaver	Early Snow	Chadwick, imp.
Col. Appleton	Golden Chadwick	Rosiere	M. Dean	Alice Byron	Venetta
Yellow Eaton	Yellow Jones	Gloria	Helen Frick	Lynnwood Hall	J. Jones
Major Bonnaffon	Nagoya	A. J. Balfour		T. Eaton	Pres. Taft
Golden Eagle	Golden Glow				

C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write.

GLEN COVE, N. Y.

The regular monthly meeting of the Nassau County Horticultural Society was held in Pembroke hall, with President Trepess in the chair, Thursday evening, November 9. W. H. Robinson, of Castle Gould, Port Washington, and Walter Robinson, of Eastover Farm, Center Island, were elected to active membership and three other applications were received. Mrs. C. D. Smithers and Mrs. H. I. Pratt, of Glen Cove, were made honorary members of the society.

A hearty vote of thanks was accorded to Geo. Barton, the manager of the fall show, and all those who helped him in his arduous duties. Felix Mense offered a gold medal for the best 100 single violets, to be competed for at the December meeting, and a hearty vote of thanks was accorded to him for the gift.

President Trepess took occasion to present to Henry Gaut the Stumpp & Walter cup, which he won at the fall show for the best group of chrysanthemums, and also the Mrs. F. S. Smithers cup, which he won for the best collection of outdoor chrysanthemums. Henry Cliffe was presented with the Rickard Bros. cup, which he won at the same show for the best six varieties of chrysanthemums, three of each variety.

The result of the competition this month for the society's prizes was as follows:

Three chrysanthemums, pink—Henry Gaut, first.
Three chrysanthemums, white—Henry Cliffe, first.
Three chrysanthemums, yellow—Paul Reul, first.
Two vases of seedling chrysanthemums—Certificate of merit to John F. Johnstone.
Tomato Stirling Castle—Honorable mention to F. Petroccia.
Six heads of lettuce—Cultural certificate to F. Petroccia.

The judges of the exhibition were Messrs. Duthie, Barton and Carter.

STRONG, FIELD-GROWN

CARNATION PLANTS

Rose-pink Enchantress
Viola Sinclair
Winsor
Lawson
Wanoka
} $6.00 per 100

Dorothy Gordon .. $10.00 per 100

Littlefield & Wyman

North Abington, Mass.

Mention The Review when you write.

Surplus Stock

Scholzeli Ferns, strong 2½-in	per 100,	$3.00
Scholzeli Ferns, strong 4 -in	per 100,	8.00
Scholzeli Ferns, strong 5 -in	per doz.,	3.00
Scholzeli Ferns, strong 6 -in	per doz.,	5.00
Scottii Ferns, strong 5-in	per doz.,	3.00
Scottii Ferns, strong 6-in	per doz.,	5.00
Table Ferns, best varieties, 2½-in	per 100,	2.50
Asparagus Sprengeri, 3½-in	per 100,	4.00
Asparagus Plumosus, 2½-in	per 100,	2.00
Pepper (Bird's Eye), 6 -in	per doz.,	3.50
Rose Dorothy Perkins, strong 1-year-old	each,	.10
Hydrangea Otaksa, pot-grown, strong plants, 6-in	each,	.25
Strong Grand Rapids Lettuce plants	per 1000,	1.00

Cash with order from unknown correspondents

J. W. DUDLEY & SONS

PARKERSBURG, - - - WEST VIRGINIA

Mention The Review when you write.



ROOSEVELT.

	2½-in. 100	4-in. 100	5-in. 100	6-in. 100
Boston	$3.50	$12.00	$25.00	$40.00
Whitmani	3.50	12.00	25.00	40.00
Todeaoides	3.50	12.00	25.00	40.00
Scottii			25.00	40.00

Asparagus Plumosus, 2-in., $2.00 per 100; $18.00 per 1000; 2½-in., $3.50 per 100; $30.00 per 1000; 3-in., $5.00 per 100; $45.00 per 1000.

Per 100
Coleus Christmas Gem $2.50

Roosevelt Ferns

This fern will undoubtedly take the place of Boston in the near future. It is a faster grower, makes twice the runners and finishes up into a large plant in shorter time. 2½-inch, $2.50 per dozen; $17.50 per 100; $150.00 per 1000.

Per 100
Violets, Wales $2.50
German Iris, Florentina Alba, earliest large-flowering Iris 2.50
Iris Pallida Dalmatica, lavender, shaded blue 8.00
Clematis Paniculata, 2-in., $2.50 per 100; $20.00 per 1000; field, 1-year, $4.00 per 100; 2-year, $8.00 per 100.
Phlox Miss Lingard, field clumps, $4.00 per 100; $35.00 per 1000.

THE REESER PLANT CO., Exclusively Wholesale Plantsmen SPRINGFIELD, OHIO

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NOVELTIES
IN
CHRYSANTHEMUMS, CARNATIONS AND ROSES

In CHRYSANTHEMUMS

We will distribute the usual **high-class** list of six or more of Mr. Pockett's Australian varieties, which will include Mrs. Geo. Burke, a grand bronze; Mrs. A. M. Henshaw and Annie L. Angus, whites; Mrs. Harry Turner, crimson, and Mrs. Gilbert Drable, a lovely white, besides several other seedlings of surpassing merit.

In NEW ROSES

We are putting out the yellow "Sunburst," in conjunction with the E. G. Hill Co.—the giant yellow that creates a sensation wherever shown.

In CARNATIONS

We are distributing Wodenethe, **the white** you have been waiting for. It has been called the most perfect Carnation ever raised—a fancy in every sense of the word.

Brooklyn, a cerise pink; a "bread-and-butter" Carnation that will produce more from a given space than any Carnation I know of.

COME AND SEE THESE VARIETIES GROWING

¶ You will also see our 1911 varieties of Carnations and Roses—Princess Charming and White House in Carnations, and Lady Hillingdon in Roses, which is going to take the place of all other medium-sized yellows as a commercial florists' flower.

CHAS. H. TOTTY, Madison, N. J.

DAYTON, O.

The Market.

The weather during the greater part of last week was quite moderate and trade was similar, although it showed quite an improvement over the week preceding. Still, there is ample room for further improvement, and nothing would please the florists more than to see a busy season approaching, as they are well fixed for it. Funeral work continues to be the only thing that keeps trade stirring.

There seems to be a greater demand for chrysanthemums than for anything else, although white have been quite scarce, but those in colors are quite plentiful. Roses are still cropping heavily, but sales on them are light. Carnations are quite scarce, but sufficient to meet the demand. The giganteum supply is limited, but there are enough to fill all requirements.

Various Notes.

Paul H. Duvall, of Chicago, was a guest at the home of George Bartholomew last week.

L. A. Thomas, Jr., of Troy, O., was a Dayton visitor last week.

Exceedingly high winds and a decided drop in temperature struck Dayton November 11 and continued throughout the next day. The wind did considerable damage to some of the local greenhouses. The Miami Floral Co. had lots of glass blown out in the gable ends of the greenhouses, while at Mrs. Haschke's the wind tore off one of the ventilators and blew it about the houses, breaking quite a lot of glass, some of which in falling ruined some of her young plants.

Mrs. Young tells us that last week's business was a great improvement over the preceding week.

Mrs. B. Haschke is suffering from another severe case of poisoning caused by Primula obconica. R. A. B.

Special Notice to Florists

PLANTS FOR THANKSGIVING AND HOLIDAYS

Although we are shipping many thousands of pot plants every day, we still have an abundant stock on hand. For early orders, as we need the room, we will add liberal extras to help pay the express.

CHINESE PRIMROSES, large 3½-inch, double and single, fancy mixed colors, $8.00 per 100.

PRIMULA Obconica, 4-inch, fancy mixed, in bud and bloom, $5.00 per 100.

ASPARAGUS Sprengeri, large 4-inch plants, $6.00 per 100; good 2½-inch, $2.50 per 100.

ASPARAGUS Plumosus, large 2½-inch plants, $3.00 per 100.

ARAUCARIA Excelsa, extra fine plants, 75c each.

AZALEAS, large plants for Christmas forcing, 75c each.

RUBBER PLANTS, extra fine, large and healthy, for want of room, $1.00 each.

SMILAX, fine 2½-inch stock, $2.00 per 100.

JERUSALEM CHERRIES, 2½-inch, $2.50 per 100.

CYCLAMEN, extra fine 3-inch plants, in 6 colors, $7.50 per 100.

GERANIUMS, 4-inch, fancy colors mixed, in bud and bloom, $5.00 per 100.

GERANIUMS, 2½-inch, **Beaute Poitevine, Ricard, Grant, S. A. Nutt, Buchner,** etc., fine stock, $2.50 per 100; $22.50 per 1000; **100,000 on hand.**

ALTERNANTHERAS, red and yellow, large 2½-inch stock, $1.75 per 100; $15.00 per 1000.

BEGONIAS, Flowering, 10 varieties, from 3-inch pots, $4.00 per 100.

BEGONIA Vernon, red and pink, large 2½-inch plants, $2.00 per 100.

COLEUS, red and yellow bedders, 2½-inch, $2.00 per 100.

COLEUS Christmas Gem and four other fancy kinds, mixed, 3-inch stock, $5.00 per 100.

FERNS, Boston, Scottii and **Elegantissima,** from pots, fine plants, 10c, 15c and 20c each. A bargain; try some.

SNAPDRAGON, white, pink and yellow, fine stocky 3-inch plants, $5.00 per 100; $45.00 per 1000.

PANSY PLANTS, in abundance; a fine mixed strain, $3.00 per 1000.

500,000 GRAND RAPIDS LETTUCE PLANTS, ready now. $1.00 per 1000

Send Your Order Early. Correspondence Solicited.

ALONZO J. BRYAN

Wholesale Florist

WASHINGTON, NEW JERSEY

Mention The Review when you write.

Bankrupt Sale!

To close out quick, will sell stock of M. H. Smith, Bankrupt, consisting of 4 in. Cyclamen, 4-in. Primula obconica, 3-in. poinsettias, 2 to 3-in. Asparagus plumosus, and Sprengeri, geraniums, hydrangeas, 4-in. Boston ferns, etc. All at low prices. Come quick. Get bargains.

C. H. WOOLSEY
TRUSTEE
ROCKFORD :: ILLINOIS

Mention The Review when you write.

Special for Two Weeks

to make room for other Plants

Boston Ferns, 6, 7, 8, 10-in., at 35c, 50c, 75c, $1.00, $1.50 and $2.00 each.

Scottii, 4, 5, 6-in., 15c, 20c, 35c each.

Elegantissima Improved, 4 and 6-in., 15c and 35c each.

Asparagus Plumosus, 2½-in., $2.00 per 100.

Todeaoides, 3-in., 6c each.

Rubbers, 5 and 6-in., 25c and 40c each.

Jerusalem Cherries, 4 and 5-in., 8 and 12c each.

J. S. BLOOM, Riegelsville, Pa.

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VIOLETS

PRINCESS OF WALES,
Field-grown, clean, $5.00 per 100.

Jerusalem Cherries, 4-in. pots, pot-grown, $5.00 per 100.

Christmas Peppers, 5-in. pots, fine stock, $1.50 per doz.

Whitmani Ferns, 5-in., fine stock, $1.00 per doz.; $8.00 per 100.

FRED H. LEMON & CO.
Richmond, Indiana

YOU Will find all the best offers all the time in the Review's Classified Advs.

FERNS FERNS

Bargain in Scholzeli and Whitmani. Very fine, 4-inch, at.....$12.50 per 100

Chrysanthemum Stock Plants

Lynnwood Hall, Golden Eagle, Golden Chadwick, Timothy Eaton, White Bonnaffon, Major Bonnaffon, Jerome Jones, Yellow Jones ....$4.00 per 100

Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

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CARNATIONS

F. Dorner & Sons Co.
LA FAYETTE, IND.

Mention The Review when you write.

JOHN SCOTT, Flatbush, N. Y.

Every variety of Plant and Palm and Fern for Thanksgiving

A SUPERB COLLECTION. COME AND SELECT THEM.

Kentias, Scottii, Araucarias, Pandanus, Gardenias, Dracaenas, Lilies, etc.

"A FREE TIP": BOOK YOUR CHRISTMAS ORDERS EARLY

Mention The Review when you write.

FERNS

Special price for two weeks to make room for other growing stock. **Whitmani, Amerpohlii, Piersoni and Elegantissima, 2½ in., $4.00 per 100, $25.00 per 1000; 3 in., 7c.**

TRUITT'S GREENHOUSES, CHANUTE, KANSAS.

Mention The Review when you write.



MILLER'S GIANT OBCONICAS

are unsurpassable in size of flower and texture of foliage. Always salable when in bloom. The engraving above shows a few of our seed plants last January. Fine thrifty 3-in. stock $5.00 100.

CYCLAMEN GIGANTEUM

Fine, thrifty 3-in. plants, showing bud, $5.00 per 100.

Cinerarias, the largest flowering grown, 2-in., $2.00 per 100. **Asparagus Plumosus,** strong 3-in., $4.00 per 100 2-in., $2.50 per 100. **Asparagus Sprengeri**, fine, 2-in., $2.00 per 100. **Chinese Primrose,** extra fine, 3-in., $4.00 per 100. **Kewensis Primrose,** sweet-scented, for cut flowers and potted plants, strong, 2-in., $2.00 per 100; 3-in., $4.00 per 100.

Dracaena Indivisa, extra strong, field-grown stock, 18 to 24 in. high, 3-in., $3.00 per 100; 4-in., $4.00 per 100.

These plants are well grown and will please you. Cash, please.

J. W. MILLER, Shiremanstown, Pa.

Mention The Review when you write.

DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

DAVID HERBERT & SON

ATCO, N. J.

Mention The Review when you write.

CANNAS

Owing to the unusual demand and the general shortage of crop we have already booked up on some kinds.

Better get your order in early. Send for list and prices. We have a good assortment at $2.00 per 100; $15.00 per 1000.

Dahlia Roots

We have a fine assortment of only good varieties in all classes, which we offer at $5.00 per 100; $40.00 per 1000. Special prices on large lots.

Geraniums, a good assortment of novelties and standard varieties.

Double Petunias, select stock, 3-in. pots, at $3.00 per 100.

Lobelia Kathleen Mallard, double blue, 2-in. pots, at $2.00 per 100.

Alternanthera Jewel, 2-in. pots, $3.00; 3-in., $4.00.

Cash with order, please.

R. Vincent, Jr., & Sons Co., White Marsh, Md.

Mention The Review when you write.

NEPHROLEPIS Bostoniensis, 7-in. pots, 75c., 5½-in. pots, 40c each.

NEPHROLEPIS Scottii, 7-in. pots, 75c., 5½-in. pots, 35c. each.

NEPHROLEPIS Whitmani, 7-in. pots, 75c., 5½-in. pots, 35c. each.

NEPHROLEPIS Scholzeli, 5½-in. pots, 35c. each.

ADIANTUM Hybridum, 4-in. pots, 15c., 3-in. pots, 7c. each.

DISH FERNS, 2½-in. pots, $4.00 per 100. Good assortment.

Our Ferns are all pot-grown, not lifted, and will keep good in store.

PRIMULA Obconica, 4-in., $1.50 doz., 5-in., $2.00 doz. In bloom.

BEGONIA LORRAINE and Lonsdale, in bud and bloom, 6-in. pots, 50c. and 75c. each. Cash with order.

COCOS Weddelliana, 3-in. pots, $2.00 per doz.

ARAUCARIA Excelsa, fine specimen plants in 7-in. pots, 5 to 6 tiers, 30 to 42 inches high, $1.25 and $1.50 each. 5½-in. pots, 3 to 4 tiers, 40-50-75c.-$1.00 each.

ASPARAGUS Plumosus, 4-in. pots, $8.00 per 100; 3-in. pots, $5.00 per 100.

RUBBER PLANTS, 5½-in. pots, 18 to 24 inches high, 40c. each.

PRIMULA Chinensis, 4-in. pots, $8.00 per 100.

CYCLAMEN, 4-in. pots, fine stock, 25c. each; 6-in. pots, 75c., very fine.

Cash with Order.

ASCHMANN BROS., Second and Bristol Streets and Rising Sun Avenue, Philadelphia, Pa.

Always mention the Florists' Review when writing advertisers.

HYDRANGEA OTAKSA

FOR EASTER and DECORATION DAY

Six-inch, pot grown, well branched and set with flower buds.

OTAKSA, with 5 and 6 Branches, $20.00 per 100; 4 branches, $15.00 per 100. **SOUVENIR DE CLAIRE,** fine pink, same color as Gloire de Lorraine Begonia, 7 to 10 branches, $25.00 per 100.

AZALEAS 10 to 12-inch crowns, $5.00 per doz.
12 to 14-inch crowns, 6.00 per doz.

TULIPS La Reine, highest forcing quality, $5.00 per 1000. Send for surplus list of **BULBS, contains some very special low clean-up prices.**

JACKSON & PERKINS COMPANY, WHOLESALE FLORISTS AND NURSERYMEN Newark, Wayne Co., New York State

Mention The Review when you write.

CINCINNATI.

The Gateway to the South.

Business on Third street started rather dull for Monday, the usual replenishing day of the retailers. The offerings were all good and large, but cleaned up slowly. The severe weather affected some of the shipments, for a number of boxes were frozen. The packers were evidently expecting the mild weather to continue, for the lining of the boxes was entirely inadequate to cope with the sudden change.

Chrysanthemums are, of course, the principal flower in the market and the really good blooms find little trouble in obtaining buyers at fair prices. All the fine later varieties are included in the offerings. The later pompons prove more popular than the early ones of a few weeks ago. Toward the close of last week some culls accumulated.

In roses and carnations the local growers are more or less off crop, or are going off crop. Still, there are plenty of each to go around. With either continued cold weather or a sudden strong demand they would run short. Lilies are proving good stock. November 13 the consignments of New York double violets arrived frozen. The offering in single violets runs short of the demand. Valley and orchids meet a steady call. The supply of greens of all kinds is good and the quality excellent.

Various Notes.

Bowling Club meeting next Monday, November 20, at Finke's alleys at 8 p. m.

Miss Claire Murphy was operated on for appendicitis last week. I am glad to report that Miss Murphy is recovering rapidly. She has not been well since she was injured by a fall at her father's camp at the Snow islands last summer.

The Florists' Club held a regular meeting at the salesrooms of the Cincinnati Cut Flower Exchange, Saturday, November 11, as guests of Messrs. Alex Ostendarp and A. C. Heckman, Jr. Fred Backmeier, a hail fellow well met and a booster for everything he gets into, was elected to membership. A juvenile quartet of florists' errand boys rendered several vocal selections, while D. Rusconi gave us Italian airs. The hosts were tendered a vote of thanks for their splendid entertainment and royal refreshments. C. H. H.

Pot-Grown FERNS

Boston, 4-in., 15c; 5-in., 25c; 6-in., 50c.
Scottii, 4-in., 15c; 5-in., 25c.
Amerpohlii, 4-in., 15c.
Sword, 2-in., 4c; 3-in., 8c; 4-in., 15c.
Whitmani, 4-in., 15c; 5-in., 25c; 6-in., 50c.
Scholzeli, 4-in., 15c; 6-in., 50c.
Piersoni, 4-in., 15c; 6-in., 50c.
Lomaria Gibba, 4-in., 15c.
Cibotium Schiedei, 5-in., $1.00; 9-in., $5.00.
Table Ferns, 2¼-in., $3.00 per 100; 3-in., $6.00 per 100.
Dracaena Massangeana, 5-in., $1.00; 7-in., $1.50.
Dracaena Terminalis, 4-in., 35c.
Dracaena Lord Wolseley, 4-in., 50c.
Crotons, best varieties, 4-in., 35c.
Pandanus Utilis, 2½-in., 8c.
Pandanus Veitchii, 5-in., 75c; 6-in., $1.00; specimens, $7.50 each.
Ficus Pandurata, 5-in., 75c; 8-in., $3.00. Fine plants.
Ficus Elastica, 4-in., 25c; 5-in., 40c; 6-in., 50c.
Asparagus Sprengeri, 2-in., $3.00 per 100.
Asparagus Plumosus, 2-in., $4.00 per 100; 3-in., $8.00 per 100.
Poinsettias, 3-in., $10.00 per 100.
Primula Obconica, 4-in., 10c. **Primula, Chinese,** 4-in., 10c
Farfugium Grande, 3-in., 12c; 4-in., 20c.
Rosemary, 4-in., 10c.
We have an immense stock of 4 and 5-in. Kentia Belmoreana and Forsteriana and will give big value.
Kentia Forsteriana, 4-in. pots, $25.00 and $35.00 per 100; 5-in., $50.00 and $75.00 per 100; 6-in., $1.00 and $1.50 each; 7-in., $2.50 each. Fine plants.
Kentia Forsteriana, large specimens up to $35.00 each.
Kentia Belmoreana, 3-in. pots, $18.00 per 100; 4-in., $25.00 and $35.00 per 100; 5-in., $50.00 and $75.00 per 100.
Kentia Belmoreana, larger plants, from $1.50 to $10.00 each.
Cocos Weddelliana, 2½-in. pots, $15.00 per 100.
Phoenix Reclinata, 4-in. pots, $20.00 per 100.
Phoenix Canariensis, $5.00, $10.00, $12.00, $25.00, $30.00 each.
Phoenix Roebelenii, 75c, $1.50, $2.00, $10.00, $20.00 each.
Areca Lutescens, 3-in., 3 in a pot, 15c.
Bargains in Bay Trees. Write for prices.

JOHN BADER CO., 43 Ravine St., N. S., Pittsburgh, Pa.

Mention The Review when you write.

Seasonable Stock

Christmas Peppers, 4-in. pots, fine.....$10.00 per 100.
Primula Obconica Gigantea (Arendsi)..... 3.00 per 100.
Fern Dish Ferns, heavy 2¼-in. pot plants, $3 00 per 100; $25.00 per 1000.
Asparagus Plumosus, 2¼-in. pots . .... 3 00 per 100; 25.00 per 1000.
Asparagus Sprengeri, 2-in. pots, $2.00 per 100; 4-in. pots, heavy, $10.00 per 100.
Boston Ferns,..... .....5-in. pots, $25.00 per 100; 6-in. pots, $40.00.
Hydrangea Otaksa, fine pot grown stock, 4-in., 2 and 3 shoots, $15.00 per 100; 5-in , 2 and 3 shoots, $20.00 per 100; 6-in., 3 to 5 shoots $35.00 per 100.
Hydrangea Otaksa, field grown. Extra specimens, for large tubs, 12 to 15 shoots, $1 00 each.
Genista Racemosa..... 6-in. pot plants, $25.00 per 100.
Gladioli, Blushing Bride and The Bride, 60c per 100; $5.00 per 1000.
Tulips, single. Superfine mixture, 70c per 100; $6.00 per 1000. Named colors, red, white, rose and yellow, 80c per 100; $7.00 per 1000.
Tulips, single. Darwin, special mixture, 90c per 100; $8.00 per 1000. Gesneriana, Macrophila (scarlet), 80c per 100; $7.50 per 1000.

The Storrs & Harrison Co., - Painesville, Ohio

Mention The Review when you write.

Dreer's Special Kentia Values

An immense stock of sizes noted below in prime condition and full values.



KENTIA BELMOREANA

	Doz.	100	1000
2¼-in. pots, 4 leaves, 8 to 10 inches high	$1.50	$10 00	$90.00
6 -in. pots, 6 leaves, 24 inches high		$1.00 each	
6 -in. pots, 6 to 7 leaves, 28 to 30 inches high		1.50 each	
7 -in. tubs, 6 to 7 leaves, 42 to 45 inches high		4.00 each	
11 -in. tubs, 6 to 7 leaves, 48 inches high		8.00 each	

KENTIA FORSTERIANA

	Doz.	100	1000
2¼-in. pots, 4 leaves, 8 to 10 inches high	$1.50	$10.00	$ 90 00
3 -in. pots, 4 to 5 leaves, 12 to 15 inches high	2.00	15.00	140.00
4 -in. pots, 5 to 6 leaves, 15 to 18 inches high	5.00	40.00	
6 -in. pots, 6 leaves, 28 to 30 inches high		$ 1.00 each	
6 -in. pots, 6 leaves, 34 to 36 inches high		1 50 each	
7 -in. pots 6 to 7 leaves, 38 to 40 inches high		2.50 each	
8 -in. tubs, 6 to 7 leaves, 48 inches high		5.00 each	
10 -in. tubs, 6 to 7 leaves, 4½ to 5 feet high		6.00 each	
11 -in. tubs, 6 to 7 leaves, 5 to 5½ feet high		8 00 each	
10 -in. tubs, 6 to 7 leaves, 5½ to 6 feet high		10.00 each	
11 -in. tubs, 6 to 7 leaves 6 feet high		15.00 each	

KENTIA FORSTERIANA—Made-up Plants

7-in. tubs, 3 plants in a tub, 36 inches high	$ 2.50 each
8-in. tubs, 3 plants in a tub, 40 to 42 inches high	4.00 each
8-in. tubs, 3 plants in a tub, 42 to 45 inches high	5 00 each
8-in. tubs, 3 plants in a tub, 4 feet high	6.00 each
9-in. tubs, 3 plants in a tub, 4½ feet high	8.00 each
10-in. tubs, 3 plants in a tub, 5 feet high	10.00 each
12-in. tubs, 3 plants in a tub, 5½ feet high	15.00 each
14-in. tubs, 3 plants in a tub, 6 feet high, heavy	20.00 each

Consult our Special Offer of October 12th for anything else that you may require in the Decorative line. If you did not receive it, write us.

Dahlias—If you are interested in these either as a grower of cut flowers or if you issue a catalogue, consult our Special Wholesale Dahlia Catalogue, which describes over 200 up-to-date varieties at interesting prices for early orders.

HENRY A. DREER, 714 CHESTNUT ST., PHILADELPHIA, PA.

THE ABOVE PRICES ARE INTENDED FOR THE TRADE ONLY.

Mention The Review when you write.

Asparagus Plumosus, 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Asparagus Sprengeri, 2-in. pots, $2.00 per 100; 2½-in. pots, $3 00 per 100; 3-in. pots, $4.00 per 100.

Smilax, 3-in. $4.00 per 100.

Ferns, Boston, Whitmani, Scottii and **Scholzeli**, 4-in. pots, $2.00 per doz.; 5 in., $3.00 per doz.

Dracaena Indivisa, 3-in. pots, $4.00 per 100.

Daisies, white, Paris, Giant, 2½-in. pots, $3.00 per 100.

Clematis Paniculata, strong plants, 2-yr.-old, $10 00 per 100; 1-yr.-old plants, $5.00 per 100

Hydrangea Otaksa, from 5 to 8 shoots, $3.00 per doz.; 3 to 4 shoots, $2.00 per doz.

Poinsettias, 3-in. pots, $6.00 per 100.

Rubber Plants, 6 in pots, 35c each.

Swainsona alba, 3-in. pots, $5 00 per 100.

Ivy, hardy English, 3-in. pots, $4.00 per 100.

Ficus repens, 2½-in. pots, $3.00 per 100.

Begonia luminosa, 4-in. pots, in bud and bloom, $1.00 per doz.

C. EISELE

11th & Westmoreland Sts., Philadelphia, Pa.

Mention The Review when you write.

Verbenas—Verbenas

Large variety of 2¼-inch stock now ready for shipping.

Fine for use in the south.

J. L. DILLON

BLOOMSBURG, PA.

Mention The Review when you write.

ANTON SCHULTHEIS, College Point, L. I.

Headquarters for

DECORATIVE and FLOWERING PLANTS

Mention The Review when you write.

STOCK YOU NEED

We herewith give you list of plants that we are offering at present time. We shall be glad to have you look over same carefully and see what you can use.

AZALEAS. Order now for forcing

Nov. delivery	Dec.		Nov.	Dec.
10/12 in.	$0.65	$0.90	14/15 in. $1.25	$1.50
12/13 in.	.75	1.00	16/18 in. 2.00	2.50
13/14 in.	1.00	1.25	18/24 in. 2.50	4.00

Cinerarias, 2-inch, $5.00; 3-inch, $8.00; 4-inch, $12.50.

Celestial Peppers, nice stocky plants, full of fruit; Jerusalem Cherries, fine plants, will bloom and have fruit on them for Christmas. 3-inch, $10.00; 4-inch, $15.00; 5-inch, $25.00.

Poinsettias, just beginning to show color, will be fine, 2-inch, $6.00; 3-inch, $10.00; 3½-inch, $12.50; 4-inch, $20.00; 5-inch, $40.00; 6-inch pans, 75 cents.

Cyclamen, 2½-inch, $5.00; 3-inch, $8.00; 4-inch, $20.00; 5-inch, $35.00.

Primroses, Chinese, in variety; **Obconica** and **Forbesi**; 3-inch, $8.00; 4-inch, $12.50. Obconica and Forbesi, in 2½-inch, $5.00.

Begonias—the newest and best for fine red blooms, plants covered, is the **Luminosa**; you cannot miss it; order a sample lot—you will want more. 2½-inch, $5.00; 3-inch, $10.00; 4-inch, $20.00; 5-inch, $40.00.

Gloire de Lorraine, 3½-inch, $30.00; 4-inch, $40.00; 5-inch, $60.00.

Incarnata and other blooming varieties, 2½-inch, $5.00; 3-inch, $8.00; 4-inch, $15.00.

Rex, 2½-inch, $5.00; 3-inch, $10.00; 4-inch, $25.00.

Spiral Rex, 2½-inch, $7.50; 3-inch, $12.50; 4-inch, $25.00.

For Easter Forcing—Imported Hydrangeas

	Nov.	Dec.	Jan.	Feb.	March
6-inch	$0.50	$0.65	$0.85	$1.00	$1.00
7-inch	.75	.90	1.00	1.25	1.25
8-inch	1.00	1.15	1.25	1.75	2.00
9-inch	1.50	1.75	2.00	2.50	3.00
9-inch, strong	2.00	2.25	2.50	3.00	3.50

6-inch, run 4 to 6 blooming shoots; 7-inch, 6 to 8 and up, 8-inch, 8 to 12 and up; 9-inch, 10 to 14 and 12 to 20. Fine stock.

Baby Rambler Roses, two years old, $5.00 per doz. **Crimson Ramblers**, extra, $6.00 per doz. **Climbing Baby Ramblers**, at $5.00 per doz. All fine stock.

Japanese Air Plants, in canoes and baskets, $1.50, $2.00 and $2.50 per doz.

Green Moss Wreaths, with cape flowers, 10-inch, $1.50; 12-inch, $2.00; 14-inch, $3.00; 16-inch, $4.00 doz.

Ferns. We are headquarters for all kinds; get your orders in for them. Also miscellaneous plants.

Name Express company. Send Cash or Reference. Satisfaction guaranteed or money refunded.

GEO. A. KUHL

Wholesale Grower **PEKIN, ILLINOIS**

Julius Roehrs Co.

RUTHERFORD, N. J.

Palms, Plants, Orchids, Etc.

Send for Price List.

BEGONIAS--Flowering Kinds

ROOTED CUTTINGS,

$1.75 per 100—Express paid.

Cash with orders. Write

S. D. BRANT, Clay Center, Kan.

Heacock's Palms and Ferns

Home-grown — Strong and Healthy

ORDER AT ONCE, while you can have them shipped BY FREIGHT

While our sales have been much heavier than ever before, we are still strong on the following sizes:

Areca Lutescens

	Each
7-in. pot, 3 plants in pot, 36 in. high	$2.00
8-in. pot, 3 plants in pot, 42 in. high	3.00
9-in. cedar tub, several plants in tub, 48 to 54 in. high.	5.00
9-in. cedar tub, several plants in tub, 5 ft. high	7.50

Kentia Belmoreana

	Leaves	Height	Each	Doz.
2½-in. pot	4	8 to 10 in		$ 1.50
3-in. pot	5	12 in.		2.00
5-in. pot	6 to 7	18 in.	$0.50	6.00
6-in. pot	6 to 7	24 in.	1.00	12.00
7-in. cedar tub	6 to 7	34 to 36 in	2 50	30.00
7-in. cedar tub	6 to 7	36 to 38 in	3.00	36.00
9-in. cedar tub	6 to 7	40 to 45 in	4.00	48.00
9-in. cedar tub	6 to 7	42 to 48 in.	5 00	
9-in. cedar tub	6 to 7	48 to 54 in.	6.00	

Cocos Weddelliana

	Per 100
2½-in. pot, 8 to 10 in. high	$10.00
2½-in. pot, 10 to 12 in. high	15.00

Kentia Forsteriana

	Each	Doz.
6-in. pot, 5 to 6 leaves, 28 to 30 in. high	$1.00	$12.00
6-in. pot, 6 leaves, 34 to 36 in. high	1.50	18.00

Made-up Kentia Forsteriana

7-in. cedar tub, 4 plants, 36 in. high	2.50	30.00
7-in. cedar tub, 4 plants, 36 to 40 in. high	3.00	36.00
9-in. cedar tub, 4 plants, 40 to 42 in. high	4.00	48.00
9-in. cedar tub, 4 plants, 42 to 48 in. high	5.00	60.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
6-in. pot, 18 to 20 in. spread	1.50
7-in. cedar tub, 18 in. high, 24 in. spread	2.00

Cibotium Schiedei

	Each
9-in. cedar tub, 4 ft. spread	$4.00
9-in. cedar tub, 5 ft. spread	5.00
9-in. cedar tub, 5 to 6 ft. spread	6.00

Joseph Heacock Company, Railway Station, JENKINTOWN, **Wyncote, Pa.**

Mention The Review when you write.

DETROIT.

Breitmeyer's mum show was a decided success. Ideal weather and a reasonable amount of advertising, well directed, brought out large crowds. Neither were the visitors disappointed. Everything in the chrysanthemum line was to be seen, from the tiny yellow "Baby" to the big fellows beside which a cabbage looks small. Mr. Breitmeyer wore a most satisfied smile, as one automobile after another drove up. He remarked that the visitors seemed to take more than a casual interest in the flowers, as they asked numerous questions. The hundreds and hundreds of pompons and anemones from Fred Breitmeyer's houses at Mount Clemens caused no end of favorable comment. One of the large show windows was made attractive with immense Egyptian baskets of mums. All told, Mr. Breitmeyer felt well repaid for the sum of money—which was considerable—spent in advertising, etc.

B. Schroeter, who, by the way, is now past 70 years of age, formally opened his new store and conservatory November 14 and 15. Judicious advertising brought out a good attendance. In addition to the newspaper advertising, there were pretty announcements, which were mailed to a selected list of names. Enclosed with each announcement was a card entitling the bearer to a dainty fernery if presented at the store on the opening days. These proved a decided attraction. One feature of the opening was the orchid display, this alone being an attraction well worth seeing. H. S.

Ferns, Cinerarias, Etc.

ELEGANT FERNS FROM BENCH, best value for the money anywhere, and we ship carefully. **Nephrolepis Whitmani, Amerpohlii,** ready for 5-in. pots, 15c; 6-in., 25c. **Scholzeli,** 6-in., 25c.

POT-GROWN, extra good, bushy. **Nephrolepis Scholzeli,** 6 and 7-in., 35c, 40c and 60c. Also **Nephrolepis Cordata Compacta,** fine 6-in., at 25c.

Cineraria Hybrida Grandiflora, best strain obtainable, 2½-in., at $3.00 per 100.

G. M. NAUMANN & SON, 10515 Superior Ave., CLEVELAND, O.

Mention The Review when you write.

FERNS---ROSES ....BEGONIAS....

Amerpohlii, Barrowsii, Scottii. Elegantissima, Boston, Jacksoni, Piersoni, Sword, Whitmani, 2½-in., pots, $4 00 per 100; 4-in., $15 00 per 100.

Rex Begonias, assorted varieties, 3-in. pot plants, $5 00 per 100; $45.00 per 1000.

Roses our specialty. Ask for quotations.

The Dingee & Conard Co., West Grove, Penna.

Mention The Review when you write.

Boston Ferns

Nice 4-inch plants, $15.00 per 100.

Cash with order or good references.

F. S. SMITH

830 W. 38th St., Indianapolis, Ind.

Mention The Review when you write.

ORCHIDS

Cattleyas, Laelias, Vandas, etc.

We are now ready to figure on any quantity for 1912, **quality and delivery guaranteed.** Send for annual catalogue. Semi-established plants ready for shipment now.

G. L. FREEMAN, Wellfleet, Mass.

Mention The Review when you write

ORCHIDS

Arrived in fine condition: Cattleya Trianae, C. Mossiae, C. Labiata, C. Bicolor, C. Granulata, Laelia Crispa, L. Superbiens, Dendrobium Findlayanum, D. Thyrsiflorum, Oncidium Varicosum Rogersii and a few Cypripedium Caudatum.

LAGER & HURRELL, Summit, N.J.

Mention The Review when you write.



They Are HERE

—THE—

Full Carload

—OF—

Boston and Whitmani

FERNS

(ADVERTISED LAST WEEK)

As per sizes and at quotations mentioned below. These Ferns do not represent a "SCRUB" lot of stock, but have been grown by a specialist "WHO KNOWS HOW." We have personally seen the plants and can say with confidence that they are "GOOD VALUE" in every sense of the word. We ship in pots without extra charge for packing or boxes. Wire your order at our expense.

We still have a fair number of each size.

BOSTON FERNS

	Per doz.	100
4-inch	$ 1.50	$11.00
5-inch	3.15	25.00
6-inch	5.75	45.00
7-inch	8.25	65.00
8-inch	10.00	80.00
9-inch	16.20	
12-inch	27.00	

3 at dozen rate; 25 at 100 rate.

WHITMANI FERNS

	Per doz.	100
4-inch	$ 1.75	$12.00
5-inch	3.75	30.00
6-inch	6.25	50.00
8-inch	12.00	90.00

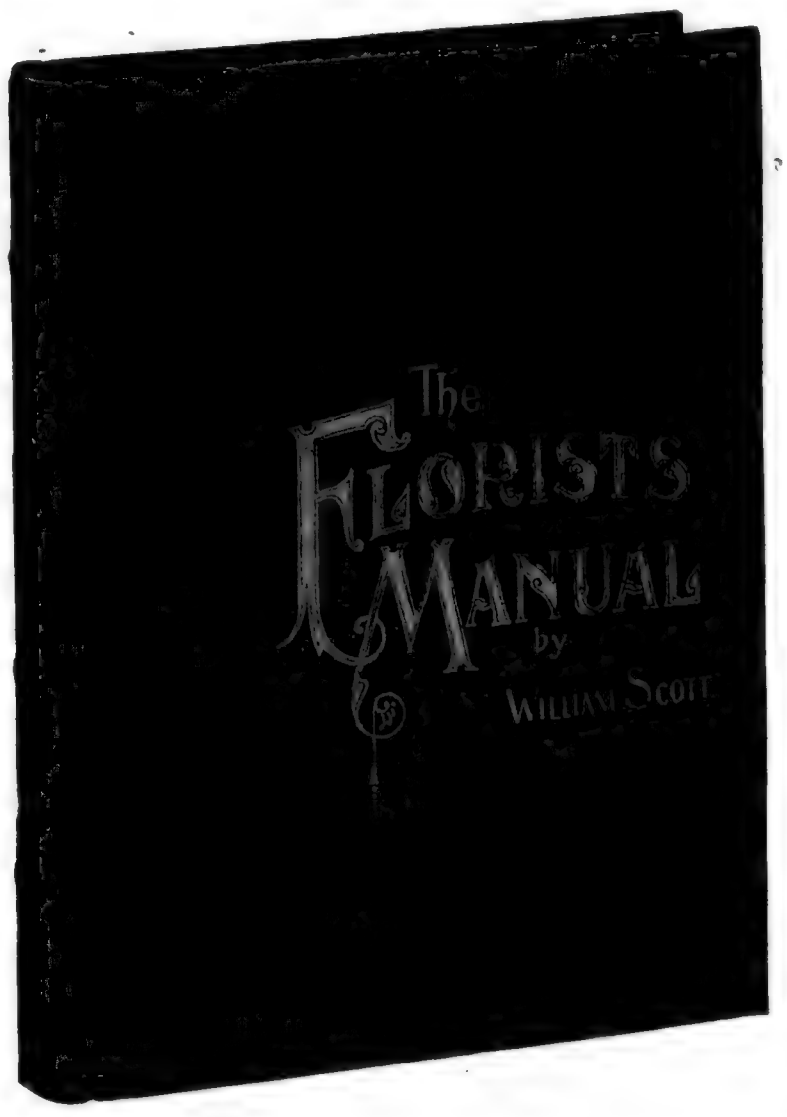
3 at dozen rate; 25 at 100 rate.

Plants shipped by **EXPRESS** only.

Cash from buyers not known to us.

Winterson's Seed Store

166 N. Wabash Avenue, Long Distance Phone, 6004 Central. CHICAGO



THE IDEAL

CHRISTMAS GIFT

The Florists' Manual

A Business Book for Business Men

SECOND EDITION

Thoroughly Revised and Brought Up to Date

No dry-as-dust botanical classifications, but tells you just how to produce marketable plants and cut flowers in the best and cheapest way.

Just the thing for a gift for your employees or friends in the trade. Give us the name of the person you wish to remember. We will ship the book in time for delivery **CHRISTMAS MORNING, with a letter telling that the book is sent with your best wishes.**

Treats of over 200 subjects, and is freely illustrated with fine half-tone engravings.

PRICE, $5.00, PREPAID BY EXPRESS OR MAIL

Florists' Publishing Co.

Caxton Building, 508 So. Dearborn St., CHICAGO

Mention The Review when you write.

BOWLING

AT CHICAGO.

The Chicago Florists' Bowling League made the following scores November 8:

Orchids	1st	2d	3d	Violets	1st	2d	3d
Huebner	134	191	179	Wenzel	130	126	152
Graff	130	177	177	Huebner	135	137	141
Goerisch	150	115	142	Hend'kson	171	150	235
Farley	161	162	187	Friedman	154	164	165
J. Zech	169	151	137	Byers	138	151	163
Totals	744	796	822	Totals	728	728	856
Roses	**1st**	**2d**	**3d**	**Carnations**	**1st**	**2d**	**3d**
O'Conner	137	140	134	Lorman	146	159	120
Foerster	179	226	170	Balluff	151	147	119
Sch'unemn	131	152	140	Winterson	104	130	104
Wolf	165	143	165	Schultz	150	182	176
Fischer	182	154	157	A. Zech	172	201	160
Totals	794	815	766	Totals	723	819	679

AT NEW YORK.

The following scores were made Friday evening, November 10:

Player.	1st	2d	3d	4th
Nugent	104	121	126	...
Fenrich	170	171	126	195
Scott	126	130	128	142
Holt	81	121	159	138
Young	156	164	113	114
Rickards	158	114	123	103
Zangen	103	157	107	120
Weston	67	102	75	...
Hauck	93	94	103	...
Chadwick	179	191	227	247

Meriden, Conn.—The Blatchley Co. has completed a new chrysanthemum house, 30x100. The firm has been cutting a lot of fancy mums, including Pacific Supreme, Golden Glow and Kalb. The mum crop, Mr. Blatchley says, is particularly fine this season. Carnations have been scarce, but give promise of a big cut later.

PRIMULAS, FERNS, Etc.

Ferns for Dishes. Assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.

Asparagus Plumosus. 2¼-in. pots, $3.50 per 100; $30.00 per 1000; 3-in. pots, $6.00 per 100.

Primulas. Obconicas, best large flowering strain, strong, 2½-in. pot plants, $3.00 per 100; $25.00 per 1000.

Crotons. 5-in. pots, 75c-$1 00 each; 6-in. pots, $1.00-$1.25 each.

Araucaria Excelsa. 5-in. pots, 50c to 75c each; 6-in. pots, $1.00 to $1.25 each.

Cash with order. 500 at 1000 rate.

FRANK OECHSLIN, 4911 West Quincy Street, CHICAGO, ILL.

Mention The Review when you write

FERNS—FERNS

Extra fine in flats or pots, at reasonable prices.

All Bulbs and Plants in season.

F. W. O. SCHMITZ, Prince Bay, N. Y.

Mention The Review when you write.

JOHN SCOTT

Rutland Road and E. 45th St.,

BROOKLYN, N. Y.

Palms, Ferns and Decorative Plants

Mention The Review when you write.

G. DREYER

Tel. 228 Newtown
Jackson Ave., **ELMHURST, L. I.**

DECORATIVE PLANTS

SPECIALTIES: Palms, Ferns, Araucarias, Cycas, Pandanus, Lilies.

DREYERII FERN. $25 per 100: $200 per 1000.

Mention The Review when you write.

CHAS. D. BALL

GROWER OF

PALMS, ETC.

Send for Price List

HOLMESBURG, - - PHILADELPHIA, PA.

Mention The Review when you write.

PREPARE FOR THE HOLIDAYS!

SECOND SHIPMENT IS IN



SEVENTY-FIVE CASES of Holiday Azaleas for Christmas, Kentia Palms, Latania Borbonica, etc., and to make the importation complete—**a whole consignment** of our so well-known specialty, the **Araucaria Robusta Compacta, Excelsa Glauca** and **Excelsa,** just arrived per SS. Menominee October 23, from Belgium. These, together with the already immense stock of Holiday Plants, will place the so well-known firm of Godfrey Aschmann in first rank in importing, growing and shipping of Holiday Plants.



CHEAP
GOOD
RELIABLE

Therefore, don't be deceived—be on the lookout! Buy only from the man who is well known to be in a position to give you **GOOD BARGAINS AND GOOD STOCK.**

What F. J. Michell, of the well-known Seed House, Henry F. Michell Co., of Philadelphia, said:

"Have just visited the greenhouses of Godfrey Aschmann, and must say that it was indeed a great surprise to me—**I have never seen a better lot of Araucarias, Azaleas, Ferns** and other plants of all sizes and prices than are at Mr. Aschmann's."

Leader in Azalea Indica, Begonia Gloire de Lorraine, Palms, Etc.—Lead you into wealth.

CAN HANDLE LARGEST ORDER ON SHORT NOTICE

Now is the time to force **Azalea Indica** for **Christmas.** What varieties will you force? Surely the ones, the early varieties, that I know I can get in in time for Xmas. There is Deutsche Perle, one of the best early double whites. We have plants full of buds, at 50c, 60c, 75c, $1.00, $1.25, $1.50 to $2.00 each. Simon Mardner, you know this variety well. It is an early, deep, double pink variety, 50c, 60c, 75c, $1.25, $1.50 to $2.00 each. Vervaeneana, one of the old standard, well favored, large, double, variegated varieties, 50c, 75c, $1.00, $1.25, $1.50 to $2.00. Didn't you ever hear of that earliest of all varieties, Mme. Petrick? This is a variety hard to beat, pink, double flowers, full of buds and never fails to bloom. A child can bring this variety into bloom for Christmas. It is very scarce and high in price this fall in Belgium. You must have a few of them anyhow, 50c, 75c, $1.00, $1.25, $1.50 to $2.00 each.

Easter Varieties. For Easter forcing we have only the well known standard American varieties, such as Mme. Van der Cruyssen, pink (very scarce this fall in Belgium), 75c, $1.00, $1.25, $1.50 to $2.00 each. Niobe, double white. We have a large stock of this, 40c, 50c, 60c, 75c, $1.00, $1.25, $1.50 to $2.00. Deutsche Perle, 50c, 60c, 75c, $1.00, $1.25, $1.50 to $2.00. Helene Theleman, light pink, $1.00, $1.25, $1.50 to $2.00. President Oswald de Kerchove, $1.00, $1.25 to $1.50. Schryveriana and Empress of India, large, double variegated, 50c, 75c, $1.00, $1.25, $1.50 to $2.00. Professeur Wolters, 50c, 60c, 70c, $1.00 to $1.50. Simon Mardner, 60c, 75c, $1.00, $1.25 to $1.50. Vervaeneana and Apollo, 60c, 75c, $1.00, $1.25, $1.50 to $2.00; dozen or 100 at same prices. Simon Mardner, Vervaeneana, Deutsche Perle, smaller size, 40c, 50c up to $2.00. Also a few more of the best varieties.

Just Arrived with the azaleas a fine consignment of **Latania Borbonica,** in first-class condition. **Perfect foliage,** 8 good leaves—height given in consular invoice, 35 to 40 inches, fit for 7 and 8-in. pots, $1.50 to $2.00. **Combination Latania Borbonica** (3 plants), 6-in. pots, 25 to 30 in. high, forming a bush of about 14 leaves, which give them an attractive appearance, $1.00 to $1.25.

We have the stock—the **best** obtainable in Belgium—of **Araucaria Robusta Compacta** and **Excelsa Glauca;** short, bushy jewels—none better in the world. 6-in. pots, $1.00, $1.25 and $1.50. We can give a special price on **Araucaria Excelsa,** 7-in. pots, 6, 7 to 8 tiers, 30, 35 to 40 inches high, worth $3.00 to $5.00; to obtain room, now only 4c to 5c per inch or $1.50 each. Will you let such a bargain pass unnoticed?

Kentia Forsteriana, in fine shape, 5½ to 6-in. pots, 4, 5 and 6-year-old, 30, 35, 40 and 45 inches high, 75c, $1.00, $1.25, $1.50, $2.00 to $2.50; 4-in., 30c.

Kentia Belmoreana, 5, 6 to 7-year-old, 5, 5½, 6 to 7-in. pots, 50c, 75c, $1.00, $1.25, $1.50 to $2.00 each; 4-in., 25c.

Kentia Belmoreana, which came on the same steamer as azaleas, are potted off combination plants (made up with 3 plants), 22 to 25 inches high, having 12, 13 to 15 leaves to a pot (in 6-in. pots), 50c, 60c, 75c to $1.00, according to height; still larger sizes, $1.00, $1.25 to $1.50; single plants, 5 leaves, 22 to 25 in. high, stocky 5¼ to 5½-in. pots, only 50c, worth 75c.

Sago Palms, ready now, 6, 7 to 8-in. pots, 9 to 13 leaves, 12c per leaf.

Asparagus Plumosus, 2½-in., 3c; 3-in., 5c; 4-in., 10c and 15c.

Leader in Ferns—Scottii, Scholzeli, Whitmani and **Boston.** 6 houses stocked with them; 10,000 in all sizes and varieties now ready, never before better than this year; 5, 5½ in., 25c, 35c; 6 and 7-in., as big as a bushel basket, only 50c, 75c to $1.00. **Scottii, Whitmani, Scholzeli,** 4 in., 15c to 20c; fine to grow on. **Giatrasii,** 4-in., 20c; 5-in., 25c and 30c. Our ferns are all pot grown—not lifted from benches.

Ferns. Cordata Compacta, 4-in., 15c to 20c.

Ferns for dishes, big assortment, 2½-in. pots, $4.00 per 100; 3-in., $5.00 per 100.

Asparagus Sprengeri, 2½-in., 3c.

Hydrangea Otaksa, pot-grown, 6-in., 25c, 35c to 40c; 7-in., 50c. Only pot-grown, will force successfully for Easter.

Begonia Gloire de Lorraine. This is another of our specialties. We have a secret in growing them to perfection, only known to us, giving them a rich, deep color; stand shipping well, traveling 2000 to 3000 miles without the least bit of injury if properly handled. We have a big house full in No. 1 condition, 6 to 7-in. sizes, in bud and partly in bloom, ready for immediate sale or for the holidays. Everybody knows that last Christmas we had the best Begonia Gloire de Lorraine in the market. They were crackerjacks, indeed! We have the deep pink and the light pink (Lonsdale) varieties, 6-in. pots, 50c, 75c, $1.00; 3-in., 12c to 15c. If you have room order now, because they are always scarce at Xmas.

Begonia Erfordii, newest improved strain. This variety is always in bloom during the whole winter, Xmas and Easter, 4-in. pots, in bud or bloom, 20c; 5¼-in., 25c to 30c.

Solanum or Jerusalem Cherries, our well-known prize strain, the multiflorum, 6-in., 25c, 35c, 40c to 50c.

Cineraria Hybrida, Aschmann's well-known strain, 2½-in. pots, $3.00 per 100; 3-in., $5.00.

Primula Obconica, big 4-in., in bloom, 15c; 5½-in., in bloom, 25c.

Primula Chinensis, best strain, 4-in., 10c; 5-in., 20c.

Shasta Daisies, pure white, 2½-in. pots, $3.00 per 100.

Poinsettias, raised outdoors, in frame now—seedlings, $1.00 per 100; 3-in., 15c; short, stocky plants, large 4-in., ready for a shift into 5, 5½ or 6-in., 25c; single or bunched, 5½ to 6-in., 35c, 40c, 50c.

Wilsoni Ferns, 3 plants in a 6-inch pan, 25c to 35c per pan.

Adiantum Hybridum, large 4-in., 15c; medium 4-in., 10c.

Cocos Weddelliana, made up of 3 plants, 4 to 5-in. pots, 30c, 40c to 50c; 3-in., single, 15c; 4-in., single 25c.

Areca Lutescens, 4-in., 3 plants in a pot, bushy, showy, large, 25c; 5¼-in. pots, 24-in., 35c.

Ficus Elastica (Rubber Plant), 5-inch, 25c; 5½ to 6-in. pots, 20 to 25 inches high, 35c, 40c and 50c each; 7-in., 30 to 35 inches high, 75c to $1.00.

Cyclamen Grandiflorum, 4-in. pots, 25c; 5¼-in., 35c.

All plants 25 at 100 rate. Cash with order, please. All plants must travel at risk of purchaser only.

GODFREY ASCHMANN, 1012 W. Ontario St., PHILADELPHIA, PA.

WHOLESALE GROWER, IMPORTER AND SHIPPER OF POT PLANTS

Classified Ad Department



Rate for advertising in this department 10 cents a line net, per insertion.

ACHYRANTHES.

ACHYRANTHES ROOTED CUTTINGS.

Metallica	$ 6.00 per 1000
Panache de Bailey	10.00 per 1000
Lindenii	6.00 per 1000
Warscewiczii	6.00 per 1000

2-IN. POTS.

Metallica	$2.00 per 100
Panache de Bailey	2.50 per 100
Lindenii	2.00 per 100
Warscewiczii	2.00 per 100

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Achyranthes Lindenii and Emersonii. Rooted cuttings, $1.00 per 100; 2½-in., 2½c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Achyranthes McNally, fine 2¼-in., only 1c.
Hammerschmidt & Clark, Medina, Ohio.

ADIANTUMS.

Adiantum cuneatum, 2½-in., $3.50 per 100; 4-in., $8.00 per 100.
Geo. H. Mellen Co., Springfield, Ohio.

100 Adiantum Croweanum, fine stock in 5-in., 20c. Cash. F. E. Cremer, Hanover, Pa.

Adiantum Croweanum, 3-in., $15.00 per 100.
Johnson Floral Co., Kendallville, Ind.

AGERATUMS.

AGERATUMS.

Stella Gurney, 2-in.	$2.00 per 100
Princess Pauline, 2-in.	2.00 per 100

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Ageratum Little Blue Star, rooted cuttings, 50c 100, $4.00 1000; 2-in., in bloom, 2c. Cash. Mail, 10c per 100.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Ageratums, Stella Gurney, Little Blue Star and Imperial White, 60c per 100; $5.00 per 1000 prepaid. C. Humfeld, Clay Center, Kan.

Little Blue Star, soil rooted, 2-in., 2c.
Mrs. May Bradley, Elwood, Ind.

ALTERNANTHERAS.

ALTERNANTHERA JEWEL.
Stock plants, 2½-in., $20.00 per 1000; rooted cuttings, $10.00 per 1000. This is by far the finest alternanthera in sight, and you should stock up now for spring sales.
Chas. H. Totty, Madison, N. J.

Alternantheras, yellow. Rooted cuttings, $5.00 per 1000. Cash.
West Side Greenhouses, Barberton, O.

Alternantheras, red and yellow. Rooted cuttings, 50c per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Alternantheras, green and yellow and yellow and red. Soil rooted cuttings, 50c 100; 2-in., 2c.
Mrs. May Bradley, Elwood, Ind.

10,000 strong, bushy rooted cuttings, fall struck, 50c 100. Keeney's Greenhouses, Monongahela, Pa.

ALYSSUM.

Alyssum, double giant, 2¼-in., 2c. Rooted cuttings, 50c per 100, $4.00 per 1000; if by mail 10c per 100 extra. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

AMPELOPSIS.

Ampelopsis Veitchii, 3-yr., transplanted, extra strong, 2½ to 4 ft. tops, $2.00 per doz., $12.00 per 100; 2-yr., transplanted, 18 to 24-in. tops, well rooted, $1.00 per doz., $5.00 per 100. Stock guaranteed as represented. No samples sent out. Stock limited.
Chas. Black, Hightstown, N. J.

Ampelopsis Veitchii, transplanted and extra fine, 2½ to 4 ft. tops, $1.50 per doz.; $9.00 per 100. Southside Nurseries, Chester, Va.

ANTHERICUM.

Anthericum variegatum, strong plants, 3-in., 3c; 5-in.. 10c. H. G. Norton, Perry, O.

ARAUCARIAS.

Araucaria excelsa, 2 to 3 tiers, 65c ea., $6.50 per doz.; 3 to 4 tiers, 80c ea., $8.00 per doz.; 4 to 5 tiers, 90c ea., $9.00 doz.
Geo. H. Mellen Co., Springfield, Ohio.

Araucaria excelsa, 5-in. pots, 50c to 75c each; 6-in. pots, $1.00 to $1.25 each. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

Araucarias, 5-in., $6.00 per doz.; $45.00 per 100. Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS.

Asparagus plumosus, 2¼-in., 3c; 3-in., 6c. A. Sprengeri, 2¼-in., 2c; 3-in., 4c; 4-in., 8c.
Mosbæk Greenhouse Co., Onarga, Ill.

"FULL OF LIFE," STRONG, HEALTHY STOCK

		Select 100	1000
Asparagus plumosus nanus.	2½-in.	$2.75	$25.00
Asparagus plumosus nanus.	3-in.	6.00	....
Asparagus plumosus nanus.	4-in.	15.00	....
Asparagus Sprengeri	2½-in.	2.50	22.50
Asparagus Sprengeri	3-in.	5.00	....
Asparagus Sprengeri	4-in.	8.00	....

Cash. Prompt express shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses, Rockford, Ill.

ASPARAGUS BASKETS.
$1.00, $1.50 and $2.00 each.

ASPARAGUS PLUMOSUS.

Pots.	Doz.	100
2-in.	...	$3.00
3-in.	$1.00	8.00

ASPARAGUS SPRENGERI.

Pots.	Doz.	100	1000
3-in.	$0.75	$ 6.00	$50.00
4-in.	1.50	10.00	80.00

500 at 1000 rate.
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

ASPARAGUS PLUMOSUS.
Extra strong—well grown.
2¼-in. $2.00 100; $18.00 1000
3-in. 4.50 100

ASPARAGUS SPRENGERI.
2¼-in. $2.00 100; $17.00 1000
3-in. 4.50 100
Cash, please.
John Bauscher, Jr., Freeport, Ill.

Asparagus plumosus, big, strong plants, 2½-in., $4.00 per 100, $35.00 per 1000; 3-in., $6.00 per 100, $50.00 per 1000. A. plumosus seedlings, fine stock, $1.00 per 100. A. Sprengeri, 2½-in., $4.00 per 100; $35.00 per 1000.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Asparagus plumosus from 3-inch pots, express prepaid, $4.50 per 100; extra large plants from the field, good for 8 to 10-inch pots, $22.50 per 100. Cash with order.
Diamond Hill Nursery,
763 S. Boyle Ave., Los Angeles, Calif.

3000 Asparagus Sprengeri plants, 2½-in. pots, $2.50 per 100; $20.00 per 1000. 3000 A. plumosus plants, 2½-in. pots, $2.50 per 100; $20.00 per 1000.
Grand Rapids Greenhouse Co.,
714 Madison Ave., Grand Rapids, Mich.

Asparagus plumosus. We offer extra strong, bushy plants from 2½-in. pots at $3.00 per 100; $27.50 per 1000. Many 4-in. plants sold are not as strong. A. Sprengeri of same quality, $2.50 per 100; $22.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Asparagus plumosus nanus, transplanted, ready for potting, $1.50 per 100; $12.50 per 1000. 250 at 1000 rate. Cash with order, please.
B. Soltau Fernery,
199 Grant Ave., Jersey City, N. J.

Asparagus plumosus, 2¼-in. pots, $3.00 per 100; $25.00 per 1000. Asparagus Sprengeri, 2-in. pots, $2.00 per 100; 4-in. pots, heavy, $10.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

Asparagus plumosus, to close out, 3-in., ready for 4 and 5-in., $5.50 per 100; $50.00 per 1000. Asparagus Sprengeri, 3-in., ready for 5-in., $5.00 per 100; $45.00 per 1000.
Swan Peterson Floral Co., Gibson City, Ill.

Asparagus plumosus nanus, 2½-in., $2.50 per 100, $22.50 per 1000; 3-in., $6.00 per 100; 4-in., $8.00 per 100. A. Sprengeri, 2½-in., $2.50 per 100; $20.00 per 1000; 4-in., $7.00 per 100.
Geo. H. Mellen Co., Springfield, Ohio.

Aparagus plumosus nanus, from 2¼-in. pots, $2.50 per 100, $22.50 per 1000; 3-in. pots, $5.00 per 100, $45.00 per 1000. Cash with order, please.
FLORAL HILL GARDENS,
G. F. Neipp, Prop., Chatham, N. J.

10,000 Asparagus plumosus, extra strong 2½-in., $2.50 per 100; $22.00 per 1000. 6000 A. Sprengeri, strong, bushy, $2.00 per 100; $18.00 per 1000. Cash.
Daut Bros., 825 N. Water St., Decatur, Ill.

Asparagus plumosus, extra strong, from 2-in. pots, $2.50 per 100, $22.00 per 1000; 2½-in., $3.00 per 100, $26.00 per 1000. A. Sprengeri, 2½-in., $3.00 per 100.
Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, 2¼-in., $2.75 per 100; $25.00 per 1000. Asparagus Sprengeri, 2¼-in., $2.00 per 100; $18.50 per 1000.
P. Pearson, 5734 Gunnison St., Chicago.

Asparagus plumosus. Strong, bushy 3-in. plants from greenhouse grown seed, $6.00 per 100; $50.00 per 1000. Cash, please.
Besser Co., 232 N. Colorado, Kansas City, Mo.

Asparagus Sprengeri seedlings, prepaid, 90c 100; 2½-in., extra strong, 2½c. A. plumosus, 2½-in., 3c; 4-in., 15c.
A. J. Baldwin, Newark, O.

Asparagus Hatcheri, from 2½-in. pots, ready for 3½-in., the asparagus fern that's talked about, $10.00 per 100. Cash.
Ehmann's, Corfu, N. Y.

Asparagus plumosus, 2¼-in. pots, $3.00; Asparagus Sprengeri, 4-in., bushy, grown outside, $8.00 per 100.
Luther Maynard, R. D. 13, Knoxville, Tenn.

Asparagus. A few hundred EXTRA STRONG 4-in. A. Sprengeri, and a few A. plumosus nanus, $8.00 per 100. Cash.
Rudolf Nagel, Lancaster, Pa.

6000 Asparagus plumosus, 2¼-in., $3.00 per 100; $25.00 per 1000. 5000 Asparagus Sprengeri, 2½-in., $2.50 per 100; $22.50 per 1000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Asparagus plumosus. Fine plants in 3-in. pots, ready for shift, $5.00 per 100. A. Sprengeri, in 2½-in., $2.50 per 100. Cash.
P. N. Obertin, Kenosha, Wis.

Asparagus plumosus. 2¼-in. pots, $3.50 per 100, $30.00 per 1000; 3-in. pots, $6.00 per 100. Cash with order. 500 at 1000 rate.
Frank Oechslin, 4911 W. Quincy St., Chicago.

ASPARAGUS PLUMOSUS NANUS.
CUT STRINGS, 8 FT. LONG,
50c EACH.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, 2¼-in., 2½c; 3-in., 5c; 4-in., 8c. A. Sprengeri, 2¼-in., 2c; 3-in., 3½c.
John Pommert, Amelia, O

Asparagus Sprengeri, 2½-in., $2.00; 3-in., $3.00; 4-in., $4.00 per 100. Cash.
Freeport Floral Co., Freeport, Ill.

Asparagus Sprengeri, 3-in., $3.00 per 100; 4-in., $5.00 per 100.
Whitton & Sons, City & Green, Utica, N. Y.

Asparagus Sprengeri, 2¼-in., extra strong, $2.00 per 100; 3-in., $5.00 per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Asparagus plumosus nanus, 2-in., 2c. Asparagus Sprengeri, 2-in., 2c.
U. G. Harglerode, Shippensburg, Pa.

A. plumosus plants, 2¼-in. pots, $2.00 per 100; A. Sprengeri, 2¼-in. pots, $2.00 per 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus, 3-in., 6c. A. Sprengeri, 3-in., 4c; 4-in., 6c; 5-in., 12c.
Schneider, Florist, Springfield, Ohio.

Asparagus plumosus, fine 2½-in., $2.00 per 100. A. Sprengeri, fine 2½-in., $1.50 per 100.
J. C. Schmidt, Bristol, Pa.

Asparagus plumosus nanus, extra strong 2-in., 2½c. J. L. Schiller, Toledo, Ohio.

Asparagus plumosus nanus, fine large plants, ready for 5-in. or bench, 10c each.
Stuhldreher Bros., Mansfield, Ohio.

Asparagus Sprengeri, 4-in., $10.00 per 100; 3-in., $5.00 per 100. Orange County Ornamental Nursery, Fullerton, Calif.

Asparagus plumosus, 2½-in., $3.00 per 100; 2-in., $2.50 per 100. Cash, please.
L. Rush, 135 34th St., Detroit, Mich.

Asparagus plumosus and Sprengeri, 4-in., good, large stock, $5.00 per 100.
Geo. Reinberg, 162 N. Wabash Ave., Chicago.

Asparagus plumosus nanus, 4-in., $10.00 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

IN EXCHANGE FOR POITEVINE. ...
Plumosus and Sprengeri, $2.50 per 100.
Gullett & Sons. Lincoln, Ill.

Asparagus Sprengeri, strong 2¼-in., 2c; 2-in., 1½c. A. plumosus, 3-in., 5c.
Hammerschmidt & Clark, Medina, Ohio.

Asparagus plumosus and Sprengeri. Extra strong 2-in. stock, $2.00 per 100, to close out to make room. Addems, Morgan & Co., Paxton, Ill.

Asparagus plumosus, 2-in., 2c. Asparagus Sprengeri, 2-in., 1½c. Cash. Prompt shipment.
C. H. Woolsey, Florist, Rockford, Ill.

Asparagus plumosus, strong plants, 2½-in., $3.00 per 100; $25.00 per 1000. Cash.
W. B. Girvin, Leola, Pa.

Asparagus plumosus, 3-in., $4.00 per 100. Cash.
F. E. Cremer, Hanover, Pa.

Asparagus plumosus, 3-in., $5.00 per 100.
Fred H. Lemon & Co., Richmond, Ind.

Asparagus, fine. See display adv.
J. W. Miller, Shiremanstown, Pa.

Asparagus plumosus, 4-in., fine stock, $10.00 per 100. Holton & Hunkel Co., Milwaukee, Wis.

Asparagus Sprengeri, strong 3-in., $3.50 per 100. J. H. Dann & Son, Westfield, N. Y.

Asparagus Sprengeri, strong 2¼-in., $2.00 per 100. John Eitel & Son, Greencastle, Ind.

ASTERS.

Aster sinensis.
J. Hasslach, St. Remy de Provence, France.

AZALEAS.

AZALEAS ARE IN.

We offer strong plants, nicely budded, short standards, well shaped heads in the leading varieties. 10 to 12-in., $5.00 per doz., $40.00 per 100; 12 to 14-in., $6.50 per doz., $50.00 per 100; 14 to 16-in., $8.50 per doz., $65.00 per 100. Order quick; early varieties are scarce.
CURRIE BROS. CO.,
312 Broadway, Milwaukee, Wis.

BAY TREES.

Bay trees (standards), fine assortment, sizes 12 to 48 in. crowns. Price, $2.50 to $25.00 each. Let us know your wants.
Wagner Park Conservatories, Sidney, Ohio.

Bay trees and box trees, all sizes.
Write for special list.
Julius Roehrs Co., Rutherford, N. J.

Bay trees. Fine selection. Write for prices.
Holton & Hunkel Co., Milwaukee, Wis.

BEGONIAS.

Blooming begonias in assortment, $2.50 per 100. Rex begonias in assortment, $4.00 per 100; 2½-in., large, $6.00 per 100; 4-in., fine plants, $2.50 per doz. Some fine stock of my new special Rex begonias, Emerald Queen and Bronze King, 2-in., $6.00 per 100; 2½-in., $8.00; 4-in., fine plants, 35c each, $4.00 per doz.
N. O. Caswell, Delavan, Ill.

New begonia, Feastii Bunchii, sport of Feastii, with crested leaf; 4-in., $2.00 per doz.; 3-in., $1.50 per doz.; 2-in., $1.00 per doz. All stock equal to size larger than quoted. Write for prices on specimen 6 and 7-in. stock. Cash.
Loyd C. Bunch, Fredonia, Kan.

Begonia Lorraine, fine 4-in., 25c; 5-in., 35c and 50c. In bloom and out.
Erie Floral Co., Erie, Pa.

Rex Begonias, strong 2-in., fine varieties, 4c; $35.00 per 1000.
Williams & Clark Floral Co., Muncie, Ind.

REX BEGONIAS my specialty. Largest collection, $5.00 per 100.
B. C. BLAKE, Springfield, O.

Rex begonias, assorted 3, 4, 5-in., 8c, 12c, 20c. Bargains. W. J. Olds, Union City, Pa.

BERRIED PLANTS.

JERUSALEM CHERRIES.

5-in. pots.....per 100, $15.00; per doz.,$2.00
6-in. pots .....per doz., 3.00
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Jerusalem cherries, 4-in. pots, ready for 5-in., bushy plants, well berried, $10.00 per 100; $1.50 doz. Smaller plants, for 4-in., full of berries, $5.00 per 100. Cash.
J. F. Bauers,
2010 Spring Rd., S. W., Cleveland, O.

Xmas peppers, strong 5-in., full of berries, 12½c.
Jerusalem cherries, 4-in., pot grown, for immediate shipment, $5.00 per 100.
Fred H. Lemon & Co., Richmond, Ind.

100 Jerusalem cherries, exceptionally well berried, from 5-in. pots, fine for 6 and 7-in. pots, $20.00 the lot.
Henry Krinke & Son, St. Paul, Minn.

JERUSALEM CHERRIES, pot grown, strong and well berried plants, 4-in., $10.00 per 100. Cash, please. F. Sokol, Worcester, Mass.

Nice field-grown Jerusalem cherry plants, 4-in., $8.00 per 100; $75.00 per 1000.
C. W. Espy & Son, Brookville, Pa.

Xmas peppers, 2¼-in., $2.00 100, $18.00 1000; 3-in., well branched, $4.00 per 100. Cash, please.
P. Rieth & Co., Downers Grove, Ill.

Christmas peppers, 4-in. pots, fine, $10.00 per 100. Storrs & Harrison Co., Painesville, O.

BOXWOOD.

BOXWOOD SPRAYS.

Tree variety goods. Cut to order. Every case guaranteed. Season contracts solicited.
Jones, The Holy Wreath Man, Milton, Del.

BULBS.

Lilium Formosum, 9 to 10, $9.00 per 100; $85.00 per 1000.
CURRIE BROS. CO.,
312 Broadway, Milwaukee, Wis.

Bulbs of all descriptions. Write for catalogue and prices.
C. Keur & Sons, Hillegom, Holland.
New York Branch, 25 W. Broadway.

American grown bulbs, none better, none cheaper. Send for surplus list at special prices.
Hubert Bulb Co., Portsmouth, Va.

30,000 single tuberose bulbs.
Eugene Woerz, Enid, Okla.

CALCEOLARIAS.

Calceolarias, giant flowering dwarf, new spotted; strong 2½-in., 5c.
John F. Rupp, Shiremanstown, Pa.

CALLAS.

Some fine stock of Godfrey callas from stock of the first distributor; the one to grow for paying results. 2½-in. plants, will soon make blooming plants, at $5.00 per 100, $45.00 per 1000. Also a lot of started plants in flats, for prices of which write. N. O. Caswell, Delavan, Ill.

Godfrey callas, bring 3 flowers to 1 of the common, 2½-in., $5.00 per 100; $45.00 per 1000. They will bloom this season. See my A. plumosus and cyclamen advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

Godfrey callas, true to name; 3-in. plants, $5.00 per 100. Cash.
The Newburys, Mitchell, S. D.

Callas from pots, planted in July, sure of 6 flowers. $12.50 100. Cash.
Ehmann's, Corfu, N. Y.

BUSINESS BRINGERS—
REVIEW Classified Advs.

Callas, 4-in. pots, 8c.
Chas. Leisy, Mantua, N. J.

CANNAS.

We have an immense stock of a fine crop of canna roots for next season's delivery at $1.00 per 100; $7.00 per 1000 and up. Can furnish you 50,000 of some kinds. Get our list before ordering. The largest canna grower in the world.
Imperial Seed & Plant Co., Grange, Balto., Md.

CAMELLIAS.

Camellia japonica in assortment, 2 to 3 ft., $1.00 ea.; $10.00 doz.
Geo. H. Mellen Co., Springfield, Ohio.

CARNATIONS.

FIELD-GROWN CARNATION PLANTS
DIRECT FROM GROWER.

	100	1000
Lawson-Enchantress	$4.00	$35.00
Sangamo, 10 in. in diameter	4.00	35.00
Alvina	4.00	35.00
May Day	4.00	35.00
Winsor	4.00	35.00
Victory	7.00	60.00
Queen	5.00	45.00

We never shipped a nicer lot of plants than we are now offering; large, bushy plants with many shoots. At the above prices it would pay you to buy this stock to plant in your houses after the early mums are gone. Every plant guaranteed or you can return them. Cash with order.
HOWARD P. KLEINHANS,
66 Centre Square, Easton, Pa.

Good stock, protected from frost in my cool propagation house. This stock is guaranteed to be in good shape.

	100	No. 2
Enchantress, light pink	$4.50	$3.00
Enchantress, white	....	4.00
Harlowarden, crimson	3.50	....

Cash or reference. For very low quotations on Boston and Whitmani ferns, see classified adv. under ferns. A. A. Gannett, Geneva, N. Y.

STRONG FIELD-GROWN CARNATIONS.

	1st size 100	2nd size 100
Lawson-Enchantress	$4.00	$3.00
Enchantress	6.00	4.00
O. P. Bassett	6.00	4.00
Beacon	6.00	

10% discount on orders of 250 plants or over.
Krueger Bros., Toledo, Ohio.

Carnations, fine field-grown plants. White Perfection, $7.00 per 100; $60.00 per 1000. Winsor, Apple Blossom, Queen, Harlowarden, Craig, Mrs. Patten, Dorothy Gordon and Bountiful, $6.00 per 100; $55.00 per 1000.
P. R. Quinlan, Syracuse, N. Y.

FIELD-GROWN CARNATIONS.
FROST PROTECTED—GUARANTEED.

1000 Lady Bountiful	$4.00 per 100
500 May Day	4.00 per 100
300 Good red	4.00 per 100

Evenden Bros., Williamsport, Pa.

FIELD-GROWN CARNATIONS.

Beacon	$5.00 per 100
O. P. Bassett	5.00 per 100

Cash or C. O. D.
CHAS. PFEIFFER,
80 Grand Ave., Ft. Thomas, Ky.

Carnations, good, strong, healthy, clean field stock. 1000 Rose-pink, $4.00 per 100, $35.00 per 1000; 5000 Queen Louise, $4.00 per 100, $35.00 per 1000; 225 Cardinal, $4.00 per 100.
Cole Bros., 414 Main St., Peoria, Ill.

WHITE HOUSE.
OUR 1911 INTRODUCTION.
Field-grown plants of the above, $12.00 per 100; $100.00 per 1000.
C. H. Totty, Madison, N. J.

Carnation plants. 1400 Enchantress, 75 Winsor, 200 Lady Bountiful and 100 Sangamo, $5.00 per 100.
Hollywood Gardens, 1534 Second, Seattle, Wash.

Field-grown carnation plants. White Perfection and Light Pink Enchantress, good plants, $5.00 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

Strong field-grown carnation plants. Mrs. Thos. W. Lawson, stood inside, $3.00 per 100 for cash. M. J. Schaaf, Dansville, N. Y.

Field-grown Winsor, large, strong, healthy plants; to clean up, $3.00 per 100, $25.00 per 1000. Cash. Chas. W. Reep, North Olmsted, O.

Field-grown Beacon, fine stock, $6.00 per 100. Pot-grown May Day, strong 4-in., $5.00 per 100.
Fred H. Lemon & Co., Richmond, Ind.

Field-grown carnations, Bassett and Victory, $4.00 per 100. Cash with order.
Harry Heinl, West Toledo, Ohio.

CHRYSANTHEMUMS.

CHRYSANTHEMUM STOCK PLANTS.
LARGE PLANTS—LIBERAL COUNT.

Golden Glow	M. Bonnaffon
Kalb	White Bonnaffon
Polly Rose	Pres. Taft
Comoleta.	Pres. Roosevelt
Pacific Supreme	Intensity
C. Touset	Golden Eagle
Early Snow	Golden Wedding
October Frost	T. Eaton
Roi d' Italie	Yellow Jones
Ivory	Yanoma
Pink Ivory	Adelia
V. Poehlmann	Maud Dean

50c per doz.; $3.00 per 100.
The Wm. Scott Co., Corfu, N. Y.

FINE MUM STOCK PLANTS.
READY FOR SHIPMENT.
$4.00 per 100.
Cash with order.

Oct. Frost	Mrs. O. H. Kahn
A. J. Balfour	Pockett's Crimson
Beatrice May	Yellow Miller
Col. Appleton	T. Eaton
Dolly Dimple	Miss C. Frick
Glory Pacific	Polly Rose
Pacific Supreme	Pink Globe
Monrovia	Major Bonnaffon
White Bonnaffon	

Hayman Greenhouse Co., Clarksburg, W. Va.

POMPONS—Zenobia, Baby, Diana, Lulu, Bessie Flight.
SINGLES—Adelaide, Katie Covell, Mary Richardson, Kitty Bourne, Ladysmith, Helen Totty, Harold Bishop, M. J. Carlisle, Garza, Estelle Burnes.
Both pompons and singles, 75c per doz.; $4.00 per 100.
CHRYSANTHEMUMS—October Frost, Monrovia, Golden Glow, Jeanne Nonin, Major Bonnaffon, Dr. Enguehard, Clementine Touset, 50c doz., $3.00 per 100; $25.00 per 1000. Will trade—what have you?
W. R. Miller, The Florist, Covington, Ky.

We are booking orders for fine, large and healthy stock plants of the following chrysanthemums at $3.00 per 100. Cash.

WHITE—	YELLOW—
100 Mlle. J. Rosette.	300 Polypheme.
1200 Nonin.	500 Pennsylvania.
350 W. Cloud.	500 Col. Appleton.
PINK—	100 Maj. Bonnaffon.
700 Maud Dean.	150 Y. Mrs. Jones.
	200 Bronze.

75 stock plants of pink pompon, Cosmos, $5.00 the lot.
HOLLYWOOD GARDENS,
1534 Second Ave., Seattle, Wash.

CHRYSANTHEMUMS.
Several thousand fine stock plants ready for shipment.
$3.00 per 100.

Golden Glow	Col. Appleton
Polly Rose	Golden Wedding
Halliday	White Chadwick
Touset	Adelia
Monrovia	Mrs. Robinson
Major Bonnaffon.	

J. F. WILCOX & SONS,
COUNCIL BLUFFS, IOWA.

CHRYSANTHEMUM STOCK PLANTS.

Crocus	General Hutton
Dr. Enguehard	White Cloud
A. J Balfour	C Touset
Winter Cheer	Gloria
Major Bonnaffon	Rosemawr
Golden Eagle	Mrs. Thirkell
Alice Byron	Halliday
Pacific Supreme	McNiece
Edmond Albe	White Chadwick

$3.00 per 100. Cash.
Holton & Hunkel Co., Milwaukee, Wis.

Chrysanthemum stock plants. Donatello, Beatrice May, Gloria, Oroba, Pac. Supreme, Bonnaffon, 3c. Mrs. W. E. Kelley, Winter Cheer, Heston White, 4c. Edmond Albe, Elise Papworth, Yellow Ivory, 5c.
J. L. Schiller, Toledo, O.

CHRYSANTHEMUMS—Continued.

CHRYSANTHEMUM STOCK PLANTS.
YELLOW KALB.
SPORT OF WHITE KALB.

Blooms as free and keeping quality is as good as of the white one. Best early yellow chrysanthemum on the market.

$10.00 per 100; $1.50 per doz.

Parties unknown to us will kindly send cash with order or good reference.

KYLE & FOERSTER,
162 N. Wabash Ave., Chicago.

Chrysanthemum stock plants of following varieties, $3.00 per 100, cash, please: Estelle, Ivory, Early Snow, C. Touset, Bonnaffon (white and yellow), Pres. Taft, Crocus, Chadwick (white and yellow), Lynnwood Hall, Mrs. Buckbee, Wanamaker, Mrs. H. Robinson, Golden Wedding, Monrovia, Golden Glow, Halliday, Col. Appleton, Golden Age, Pacific Supreme, Wm. Duckham, Gloria, Mary Mann.

Van Aken Bros., Coldwater, Mich.

CHRYSANTHEMUMS.
EXTRA FINE STOCK PLANTS.

October Frost	$3.00 per 100
Golden Glow	3.00 per 100
Touset	3.50 per 100
White Ivory	3.00 per 100
Yellow Ivory	4.00 per 100
President Taft	4.00 per 100

Cash with order.

John Bauscher, Jr., Freeport, Ill.

Chrysanthemum stock plants. Chas. Razer, $3.00 doz. Mayor Weaver (pink), $2.00 doz. Gloria (pink), $2.00 doz. Holliday (yellow), $1.00 doz. Supreme, $1.00 doz. White and Pink Ivory, $1.00 doz. Also orders booked for rooted cuttings of Chas. Razer, $1.50 per 100. This is the best white chrysanthemum. Cash please.
J. Van Der Wal, 10421 Michigan Ave., Chicago.

$3.50 per 100; 60c per doz., cash with order, for the following stock plants: Golden Glow, October Frost, Opah, Estelle, Gloria, Holliday, Robinson, Mrs. Weeks, Alice Byron, Wm. Duckham, Pres. Taft, Honesty, Philadelphia, White and Yellow Bonnaffon, Trainor Park, Golden Wedding, Dr. Enguehard, John Burton, Jeanne Nonin, Yanoma. The Newburys, Mitchell, S. D.

Chrysanthemum stock plants. Col. Appleton Bergmann, M. Bonnaffon, Brighthurst, Ben Wells, C. Touset, Dr. Enguehard, Crocus, Holliday, Shaw, Kalb, Baron Victor (bellis); white pompon, Silver Cloud, Lincoln, 35c per doz.; $2.00 per 100. Orders booked for rooted cuttings at $1.00 per 100. Cash with order.

Martin Keit, Sta. A., Bay City, Mich.

CHRYSANTHEMUM STOCK PLANTS.

Golden Glow, October Frost, Gloria, Donatello, White Ivory, Yellow Ivory, White and Yellow Bonnaffon, White and Pink Shaw; pompons, Golden, Mlle. Martha, Yellow Baby, best yellow, and all other good varieties, $5.00 per 100.

S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Chrysanthemum stock plants, large clumps, true to name. Virginia Poehlmann, Glory Pacific, Clementine, Touset, Pacific Supreme, White Ivory, Dr. Enguehard, Timothy Eaton, Yellow Eaton, Major Bonnaffon, Loiseau Rosseau, Jeanne Rosette, Jeanne Nonin, W. H. Chadwick, $3.00 per 100. Stuhldreher Bros., Mansfield, Ohio.

Large stock chrysanthemum plants. Polly Rose, Estelle, Robinson, Jones, Wm. Duckham, Dr. Enguehard, Adelia, Halliday, Bonnaffon, large late white, Nonin, $3.00 per 100; 50c per doz. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

Chrysanthemums. Fine, healthy stock plants of yellow Bonnaffon, Pink Shaw, White Ivory and 3½-in. smilax at 2½c, or will exchange for Chicago Market, Etoile d'Or daisies, Oct. Frost, Golden Glow or Virginia Poehlmann chrysanthemums. Lohr Bros., 1454 Ottawa, Ottawa, Ill.

Now is the time for you to get a few of the much talked of and finest earliest white chrysanthemum, Smith's Advance, guaranteed true to name, 3 for $1.00.

Jos. F. Klimmer Est.,
812 Dunlap Ave., Forest Park, Ill.

"CHRYSANTHEMUMS FOR THE MILLION."

A record of notes on the culture of the chrysanthemum, by growers situated in every section of the United States, with an introduction by the author, C. H. Totty. Price, 25c.

Chas. H. Totty, Madison, N. J.

Chrysanthemum stock plants. Golden Glow, Polly Rose, Glory of Pacific, October Frost, Lavender Queen, White Chadwick, Ivory, H. W. Buckbee, Yellow Bonnaffon, Clementine Touset, Col. Appleton, Pres. Taft, Alice Byron, $3.00 per 100. Cash. Freeport Floral Co., Freeport, Ill.

Stock plants. October Frost, Golden Glow, Gloria, Polly Rose, Enguehard, 3c. Early Snow, P. Supreme, Frick, Black Hawk, 5c. New English singles, set of 10 varieties, $1.00. Cash, please. Riverside Greenhouses, Auburndale, Mass.

Chrysanthemum stock plants. Smith's Advance, best earliest white, 40c each, $4.50 per doz., $35.00 per 100. Other standard varieties, $1.00 per doz.; $5.00 per 100.

John Dieckmann, Elm Grove, W. Va.

Orders booked for young plants of Smith's Advance, earliest white; Unaka, earliest pink; January and February delivery, $1.00 per 10; $8.00 per 100. Please order early. Stock plants all sold. Max B. Schreiber, McDonald, Pa.

Chrysanthemum stock plants. Golden Glow, Polly Rose, La Rosiere, Col. Appleton, V. Morel, 50c doz. A. J. Baldwin, Newark, O.

TOTTY'S CHRYSANTHEMUM FERTILIZER.

The best chemical fertilizer in the market for feeding chrysanthemums. Price, 7 to 10 lbs., 30c lb.; 10 to 50 lbs., 25c per lb.

Chas. H. Totty, Madison, N. J.

Smith's Advance chrysanthemum plants, 2-in. stock. Good, strong plants, well rooted; this stock will give many cuttings for planting time, $1.25 per doz. Cash with order.

The Newburys, Mitchell, S. D.

Chrysanthemum stock plants. Beatrice May, Yellow Bonnaffon, Dr. Enguehard, Glory of Pacific and Pacific Supreme, $3.00 per 100.

Mosbæk Greenhouse Co., Onarga, Ill.

Chrysanthemum stock plants. Donatello, best early yellow; October Frost, $70.00 per 1000. Cash with order or satisfactory reference.

Chas. Knopf Floral Co., Richmond, Ind.

Stock plants of Oct. Frost, Polly Rose, Edmond Albe, Black Hawk and Jeanne Rosette, $3.00 per 100.

M. D. Schmidt & Son, 254 Park, Dayton, O.

Appleton stock plants, $3.00 per 100, or will exchange for Frost, Nonin, Dr. Enguehard or what have you?
W. Bainbridge, 1134 Harrison, Frankford, Pa.

3000 Smith's Advance chrysanthemums. Strong stock plants of this superior early white chrysanthemum, 25c each; $20.00 per 100.

Minneapolis Floral Co., Minneapolis, Minn.

Golden Glow, Pacific Supreme, Halliday, Touset stock plants at $3.00 per 100. Cash.

Scharff Bros., Van Wert, O.

Chrysanthemum stock plants. Smith's Advance, 25c each; Golden Glow, 10c each.

Eli Cross, 25 Monroe, Grand Rapids, Mich.

Chrysanthemum stock plants, Glory of Pacific and Polly Rose, 3½c. Cash.

Hammerschmidt & Clark, Medina, O.

See our display adv. in this issue.

C. C. Pollworth Co., Milwaukee, Wis.

Chrysanthemum stock plants. Touset, $2.50 per 100. Jacob Doerrer, Columbia, Pa.

Polly Rose and Glory of Pacific stock plants, $4.00 100. R. D. Kimball, Waban, Mass.

CINERARIAS.

Cinerarias, finest mixed, mostly light shades with just enough dark ones to give variety; just the colors you can use for Easter and spring sales. Strong 2-in., ready for a shift, $2.00 per 100. Cash with order.

R. S. McMurray, Bellefontaine, Ohio.

Cinerarias. Vaughan's Columbian, James' Prize, Boddington's Perfection, Matchless Dwarf, azure blue, white, blood red and old rose, 3-in., ready for 4-in., $4.00; 4-in., ready for 5-in., $6.00 per 100. Fine, clean stock. Cash only, please. J. Sylvester, Florist, Oconto, Wis.

Cinerarias, dwarf varieties. Large plants, ready to shift, 2¼-in., $2.00 per 100, 300 for $5.00; 3-in., $3.00 per 100, 200 for $5.00; 4-in., $6.00 per 100, 200 for $10.00.

S. Whitton, 232 Churchill Ave., Utica, N. Y.

Cinerarias, dwarf prize, out of 2½-in., $2.00 per 100; 300 for $5.00.

J. C. Schmidt, Bristol, Pa.

Cinerarias, large flowering dwarf. Large, strong plants, 2-in., $2.00 per 100. Cash, please.

Herman C. Stache, Manchester, N. H.

Cinerarias, large flowering dwarf. Extra good plants, 3-in., $4.00 per 100. Cash. M. S. Etter, The Home of Primroses, Shiremanstown, Pa.

Cineraria stellata, 5-in., 10c each.

Mosbæk Greenhouse Co., Onarga, Ill.

Cinerarias, a grand assortment, 2-in., $2.00 per 100. John Irvine & Sons, Bay City, Mich.

Cinerarias, Rupp's best mixed, 2¼-in., 2½c.

Hammerschmidt & Clark, Medina, O.

Strong dwarf cinerarias, 2-in., $2.00 per 100.

M. S. Wiecking Co., Bluffton, Ind.

Cinerarias, the finest grown. See display adv.

J. W. Miller, Shiremanstown, Pa.

CLEMATIS.

Clematis paniculata, 2 and 3-yr.-old; also Henryi, Jackmani, Andre Romona, Red Jack. Special price for fall delivery.

Parks & Schaufelberger, Penfield, N. Y.

Clematis paniculata. Large field-grown plants, $6.00 per 100; medium size plants, $4.00 per 100.

Geo. H. Mellen Co., Springfield, O.

Clematis paniculata, 2-yr., $7.00 per 100; $60.00 per 1000. H. G. Norton, Perry, O.

COLEUS.

COLEUS ROOTED CUTTINGS.

Golden Bedder	$6.00 per 1000
Beckwith's Gem	6.00 per 1000
Verschaffeltii	6.00 per 1000

COLEUS, 2-IN. POTS.

Pfister, red, yellow	$2.00 per 100
Beckwith's Gem	2.00 per 100
Golden Bedder	2.00 per 100
Verschaffeltii	2.00 per 100

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Coleus, all of the best named varieties, 70c per 100; $6.00 per 1000. Express prepaid.

C. Humfeld, Clay Center, Kan.

Coleus, 4 varieties, 2¼-in., 2c.

Hammerschmidt & Clark, Medina, O.

Coleus, 15 varieties, R. C., 60c per 100, $5.00 per 1000; 2¼-in., 2c. Cash.

W. E. Trimble Greenhouse Co., Princeton, Ill.

Coleus, 6 varieties, all good ones. Strong 2-inch plants, 2c each.

W. H. Zimmerman, Ashland, Ohio.

Coleus Golden Bedder, 3-in., 2½c.

J. H. Dann & Son, Westfield, N. Y.

CROTONS.

CROTONS.

Pots	Each	Doz.
2¼-in.	.....	$1.00
3-in.	.....	1.50
4-in.	$0.25	3.00
7-in., 4 in a pot	75c to 1.00	....

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Crotons, 5-in. pots, 75c to $1.00 each; 6-in. pots, $1.00 to $1.25 each. Cash with order.

Frank Oechslin, 4911 W. Quincy St., Chicago.

CUPHEAS.

Cupheas. Soil rooted cuttings, $1.00 100; 2-in., 2c. Mrs. May Bradley, Elwood, Ind.

CUT FLOWERS.

Fresh cut Bulgarie, Pink and White Killarney daily.
H. P. Neun, 941 South Ave., Rochester, N. Y.

Calla lily, daffodil and iris blooms.

H. A. Hyde, Watsonville, Calif.

CYCLAMEN.

Giant cyclamen, our own grown strain, selected from the very best and well built plants and flowers. Seed, $1.00 per 100, $6.00 per 1000; nearly all sold out. August seedlings, $2.00 per 100; $18.00 per 1000. Plants, well set with buds, 4-in., $18.00 and $25.00 per 100. Orders amounting to $25.00, 10% off. Here is one of the many letters we received from satisfied customers: E. A. Butler & Son, Niagara Falls, N. Y., say, "The plants are excellent, the finest we have ever had and, if the seed this year is of the same quality, we will be perfectly satisfied." Our aim has been to, and we have, improved our strain every season. Cultural directions with every order. See my calla and A. plumosus advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

Cyclamen giganteum superbum, the new English strain, including Picturatum, Duke of Fife, Rosy Morn, Glory or Wonder of Wandsbeck, Victoria; also the best German strains of four German specialists. 3-in., $6.00; 4-in., $12.00; 5-in., $25.00 per 100. All fine plants, ready for a shift. Cash only, please.

J. Sylvester, Florist, Oconto, Wis.

Cyclamen giganteum, strong stock in full bud and bloom.

5-in.	$ 6.00 per doz.
6-in.	9.00 per doz.
7-in.	12.00 per doz.
8-in.	14.00 per doz.

Send in your order at once to avoid the rush.

Carl Meier & Co., Green Bay, Wis.

Cyclamen Giganteum, best strains. Strong plants in bud and bloom.

4-in.	$10.00 per 100
5-in.	20.00 per 100
6-in.	4.50 per doz.

Prompt shipment. Cash.
C. H. Woolsey, Florist, Rockford, Ill.

CYCLAMEN.

5-in.	$20.00 per 100
4-in.	10.00 per 100
3-in.	7.00 per 100

This is the noted Winterich strain; plants in good shape, we must reduce our stock.

Swan Peterson Floral Co., Gibson City, Ill.

"FULL OF LIFE"
GIANT CYCLAMEN GIGANTEUM BLENDS

2¼-inch .....$5.00 per 100
3-inch ..... 7.50 per 100

Terms cash. Prompt shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses. Rockford, Ill.

Cyclamen giganteum, improved strain, 8 different colors. 3½ and 4-in., well leaved and budded, 10c and 15c; 4½, 5 and 6-in., in bud and bloom, 20c, 30c and 50c; extra select 6-in., 60c. All plants shipped in paper pots. Cash with order.

Aurora Greenhouse Co., Aurora, Ill.

CYCLAMEN GIGANTEUM SEED. Finest giants; in choicest mixtures, grand. 250 seeds, $1.00; ½ pkt., 50c; 1000 seeds, $3.50.

John F. Rupp, Shiremanstown, Pa.

Cyclamen, English and German strains, separate colors or mixed, 4-in., $12.00 per 100; 3-in., $8.00 per 100.

A. Hannah & Son, Grand Rapids, Mich.

Cyclamen, the very best varieties, all colors, 4-in., full of buds, just right for Christmas, 12c each. Cash with order.

S. N. Peck, 442 Summit St., Toledo, O.

Giant cyclamen, the best of stock. 2¼-in., $4.00 per 100; 3-in., $6.00 per 100. Cash, please.

John Bauscher, Jr., Freeport, Ill.

Cyclamen giganteum, large flowering, 4-in., $10.00 per 100; 5-in., $15.00 per 100.

S. Whitton, 232 Churchill Ave., Utica, N. Y.

Cyclamen persicum.

J. Hasslach, St. Remy de Provence, France.

Cyclamen giganteum, 4-in., 15c.

Mosbæk Greenhouse Co., Onarga, Ill.

Cyclamen, best giant commercial strain, 6 separate colors or mixed; 3-in., 5c, to close out; 4-in., heavy, healthy plants, in bud and bloom, 20c to 35c. J. L. Schiller, Toledo, O.

Cyclamen, good, strong plants of best strains, in pots; 3-in., 10c to 12c; 4-in., 15c to 25c. Cash. Rober & Radke, Maywood, Ill.

Cyclamen giganteum, strong bushy plants, full of buds, 5-in., $15.00 per 100.
Whitton & Sons, City & Green, Utica, N. Y.

Cyclamen giganteum. See display adv.
J. W. Miller, Shiremanstown, Pa.

DAHLIAS.

Dahlias, undivided field clumps. Collection of 20 varieties, all proven standard kinds, the selection out of more than 200 kinds, comprising all colors possible in dahlias. The set labelled true to name, $2.00 per 100; 5 of each, $6.00; $45.00 per 1000. These are extra heavy clumps, will give from 6 to 12 good divisions each. Guarantee stock sound and true to name. Cash or references.
W. A. Finger, Hicksville, L. I., N. Y.

WHOLESALE LIST FOR 1912
NOW READY
Separated stock and clumps. We use no slips or sprouts for propagation; stock all grown from tubers, insuring strong roots.
J. L. MOORE
Northboro Dahlia & Gladiolus Gardens
NORTHBORO, MASSACHUSETTS

Dahlias, extra heavy undivided field clumps. Black Beauty, $3.00 per 100. Earl of Pembroke, $4.00 per 100. Countess of Lonsdale, finest for cut flowers, $8.00 per 100.
Wagner Park Conservatories, Sidney, Ohio.

EAST BRIDGEWATER DAHLIA GARDENS.
If you are looking for dahlia stock for your 1912 catalogue, send for trade list to THE DAHLIA KING.
J. K. Alexander, East Bridgewater, Mass.

Dahlias, our selection of 25 varieties, $4.00 per 100, fall delivery. Undivided field clumps. National Coöperative Show Gardens, Spencer, Mass.

DAISIES.

MARGUERITES.
WHITE AND YELLOW.
Rooted cuttings .....$6.00 per 1000
YELLOW.
2-in. .....$2.00 per 100; $18.00 per 1000
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Yellow daisy Etoile d'Or, Nicholson's White, Chicago Market White, winter flowering, 2½-in., $10.00 per 100; rooted cuttings, $6.00 per 100. Chicago Market White, 10 to 14-in. stems, constant bloomer, flowers 2½ to 3-in., petals pure white. Cash. A. E. Hunt & Co., Evanston, Ill.

Yellow daisies, Etoile d'Or, for winter flowering. 6-in., $50.00 per 100; 4-in., $20.00 per 100; 2½-in., $10.00 per 100.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Daisies, Paris. Rooted cuttings, giant yellow and white, $1.00 per 100. Bellis, Snowball, Longfellow, $2.50 per 1000; 5000 for $10.00.
Byer Bros., Chambersburg, Pa.

Yellow marguerites, winter flowering. Guaranteed healthy stock out of 2½-in. pots, $5.00 per 100. Sample by mail, 10c.
James Crawshaw, Depot Ave., Barrington, R. I.

Marguerite daisy plants, 4-in., fine, strong plants in bud, ready for shift. Will send samples upon request. 8c each.
S. E. Smith, Florist, St. Peter, Minn.

Dble. daisies. The Bride, best white, and Longfellow, $2.00 1000. Giant marguerite daisies, white, 2-in., 2c; yellow, 3-in., 3c. Cash. Bargain.
E. W. Byer, Prop., S. Flo. Co., Shippensburg, Pa.

Daisies. Dreer's new double, Mrs. F. Sander. Fine plants, ready for 4-in., $3.00 per 100.
The Maples, Garrettsville, O.

Shasta daisies, strong divisions, $2.00 per 100; $16.00 per 1000.
Anderson Floral Co., Anderson, S. C.

Daisies (bellis), double, large flowering, Longfellow and Snowball, fine plants, $2.00 per 1000; 5000 for $7.50. J. C. Schmidt, Bristol, Pa.

Marguerite daisies, the new one, Mrs. F. Sander, 2-in. pots, $5.00 per 100.
Johnson Floral Co., Kendallville, Ind.

Reve d'Or, best winter blooming yellow, 2½-in., 8c. Riverside Greenhouses, Auburndale, Mass.

Marguerite daisies, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, Ohio.

Marguerites. Queen Alexandra, fine stock, $1.25 per 100 by mail. S. W. Pike. St. Charles, Ill.

Double daisies or bellis, mixed, fine, $2.00 per 1000. U. G. Harglerode. Shippensburg, Pa.

DRACAENAS.

BUCKBEE'S "FULL OF LIFE" DRACAENAS.

	Select.	Doz.	100
Indivisa	4-in.	$1.50	$10.00
Indivisa	6-in.	3.50	25.00
Terminalis	2½-in.	1.50	10.00
Terminalis	3-in.	2.00	15.00
Terminalis	4-in.	3.00	20.00

Cash. Prompt express shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses, Rockford, Ill.

DRACAENA FRAGRANS.

Pots	Doz.
2½-in.	$1.50
3-in.	2.00
4-in.	3.00
5-in.	5.00

DRACAENA INDIVISA.
2-in. pots.....per 100, $3.00, per 1000, $25.00
7-in. pots.....ea., $1.25; doz., 15.00
DRACAENA MASSANGEANA.
6-in. pots .....each, $1.25
DRACAENA TERMINALIS.
3-in. pots .....doz., $1.75
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

DRACAENA INDIVISA.
4½-in. .....$15.00 per 100
5-in. ..... 20.00 per 100
6-in. ..... 35.00 per 100
Crown Point Floral Co., Crown Point, Ind.

Dracaena indivisa, strong 2¼-in., $2.00 per 100; $18.50 per 1000.
P. Pearson, 5734 Gunnison St., Chicago.

Dracaena indivisa, pot-grown. From 5-in. pots, $15.00 per 100; from 4-in. pots, $10.00 per 100. Cash. Queen City Floral Co., Manchester, N. H.

Dracaena indivisa, strong field-grown, 16 to 20 in., 5c; 20 to 24 in., 8c. Bargains.
W. J. Olds, Union City, Pa.

Dracaena terminalis, fine young 2½-in. stock, $10.00 per 100.
Julius Roehrs Co., Rutherford, N. J.

Dracaena indivisa, fine, 4-in. pots, $6.00 per 100. I need room. Cash, please.
Geo. A. Relyea, Poughkeepsie, N. Y.

1000 Dracaena indivisa, field-grown, ready for 5 and 6-in. pots, $10.00 per 100. Cash.
W. & T. Cass, Geneva, N. Y.

3000 Dracaena indivisa. Good strong 2¼-in., 2½c., 3-in., 5c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dracaena indivisa, 2¼-in., $2.00 per 100; 3½-in., $6.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Dracaena indivisa, 2-in., 1½c; fine plants. Cash.
E. W. Byer, Prop., S. Flo. Co., Shippensburg, Pa.

Dracaena indivisa, 2-in., $2.50 per 100.
Johnson Floral Co., Kendallville, Ind.

Dracaenas, strong. See display adv.
J. W. Miller, Shiremanstown, Pa.

Dracaena indivisa, 3-in., $5.00 per 100; $40.00 per 1000. L. Potter & Sons, Waukegan, Ill.

EUONYMUS.

EUONYMUS VARIEGATA.
Golden and silver leaved.
2½-in. pots .....doz., $0.50
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

FARFUGIUMS.

Farfugium grande, 2½-in., 5c each. Well marked. H. G. Norton, Perry, O.

FERNS.

FERNS MY SPECIALTY.
FERNS FOR FERN DISHES, excellent 2¼-in. stock, in largest and best assortment, $3.00 per 100; $25.00 per 1000.
COCOS WEDDELIANA and KENTIA BELMOREANA. Fine center plants, $1.30 per doz.; $10.00 per 100.
CIBOTIUM SCHIEDEI. Grandest stock ever offered of this most magnificent fern, 3-in., $3.50 per doz., $25.00 per 100; 4-in., $5.00 per doz., $40.00 per 100; 7-in., $1.50; 8-in., $2.25; 9-in., $3.50; 10-in., $4.50; 12-in., $6.50 each.
ADIANTUM CROWEANUM, 4-in., $2.00 per doz.; $15.00 per 100.
ADIANTUM REGINAE and RHODOPHYLLUM, splendid 4 in. stock, $4.50 per doz., $35.00 per 100.
FERN SEEDLINGS. Strong, thrifty stock ready for potting, assortment of ten best fern dish varieties. Undivided clumps, $1.00 per 100, $9.50 per 1000.
ALSOPHILA AUSTRALIS, a very pretty tree fern, 7-in., $1.50; 10-in., $4.00 each.
J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

BOSTON FERNS.

Pots	Each	Doz.	100	1000
2-in.	.....	.....	$ 3.00	$25.00
6-in.	.....	6.00	45.00	.....
7-in.	$0.75	9.00	.....	.....
8-in.	1.00	12.00	.....	.....
9-in.	1.50	18.00	.....	.....

FERN BASKETS.
$1.00 each.
ASSORTED FERNS FOR DISHES.
2-in., $3.00 per 100; $25.00 per 1000.
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

FERN SEEDLINGS IN FLATS ready for immediate delivery. 110 clumps to a flat, $1.50 per flat; 10 flats, $1.25 each. All express orders packed out of flats.
TABLE FERNS in best mixed varieties, from 2¼-in. pots, $30.00 per 1000; 250 at same rate. I have a large stock to select from. Sure to please.
All out of town orders are cash with order, please.
B. SOLTAU FERNERY,
2199 Grant Ave., Jersey City, N. J.

FERNS FOR JARDINIERES for immediate use. Bushy, well grown plants, 6 to 8 best varieties. From 2¼-in. pots, $3.00 per 100, $25.00 per 1000; from 3-in. pots, $6.00 per 100, $55.00 per 1000; from 4-in. pots, $12.00 per 100.
ADIANTUM CUNEATUM, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.
ASPARAGUS PLUMOSUS NANUS, 2¼-in. pots, $3.00 per 100; $25.00 per 1000.
COCOS WEDDELIANA AND KENTIA BELMOREANA, 2¼-in. pots, just right for centers, $10.00 per 100.
CIBOTIUM SCHIEDII, 7-in. pots, $1.50 each.
Thomas P. Christensen, Short Hills, N. J.

NEPHROLEPIS BOSTONIENSIS.
4-inch.....$1.50 doz.; $12.00 100
5-inch..... 3.00 doz.; 20.00 100
6-inch..... 5.00 doz.; 35.00 100
NEPHROLEPIS TODEAOIDES.
This we consider the finest of the crested varieties.
4-inch.....$2.00 doz.; $15.00 100
5-inch..... 3.50 doz.; 25.00 100
6-inch..... 5.50 doz.; 40.00 100
The above ferns are all good, strong, stocky plants, ready for immediate sales. Cash.
Jno. F. Sabransky, Kenton, Ohio.

FERNS FOR IMMEDIATE DELIVERY.
EXTRA GOOD QUALITY STOCK.
BOSTON.

	100		100
4-inch	$10.00	8-inch	$80.00
5-inch	25.00	9-inch	each, 1.25
6-inch	40.00	10-inch	each, 1.50
7-inch	60.00	12-inch	each, 2.00

WHITMANI.

	100		100
6-inch	$45.00	8-inch	$80.00

R. R. DAVIS CO., MORRISON, ILL.

FERNS.

	100	1000
Whitmani, 2½-in., pot grown	$3.50	$30.00
Whitmani, 3-in., pot grown	8.00	75.00
Scottii, 3-in., pot grown	8.00	75.00
Boston, 2½-in., pot grown	3.50	30.00
Boston, 3-in., pot grown	6.00	55.00
Elegantissima, 2½-in., pot grown	3.50	30.00
Elegantissima, 3-in., pot grown	6.00	55.00

These ferns are all pot grown, clean, healthy and ready for shift to larger pots.
Geo. H. Mellen Co., Springfield, Ohio.

250 FERNS LEFT.
"I received ferns Sat. eve. Well pleased with same. Best I ever had." L. Mitchell, Jr., Pulaski, N. Y. "The last lot was fine. The best I ever got." H. Boat & Sons, Walden, N. Y.
Let me please you as well at the following low prices.
Whitmani, 5-in. 25c
Boston, 6-in 25c
Boston, bench, for 6-in. 20c
Cash, reference or C. O. D.
A. A. GANNETT, GENEVA, N. Y.

FERNS FOR IMMEDIATE DELIVERY.
EXTRA GOOD STOCK.
BOSTONS.

2¼-in.	$4.00 per 100
3½-in.	7.00 per 100
5-in.	20.00 per 100
Runners	15.00 per 1000

Cash, please.
John Bauscher, Jr., Freeport, Ill.

Ferns. Handsome stock. Boston, Whitmani, Elegantissima compacta, Sprinfieldii, Amerpohlii, Scholzeli. Rooted runners, $1.80 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c. Sample sent for 25c. Satisfaction guaranteed. Ferns are grown at Cleveland, Ohio, plant. 60,000 feet of modern glass devoted to ferns and asparagus. Special prices on large quantities for cash only.
Schneider, Florist, Springfield, Ohio.

EXTRA HEAVY GUARANTEED STOCK.
Boston, 6-in., 40c each.
Scottii, 6-in., 40c each; 5-in., 30c; 4-in., 20c.
Superbissima, 6-in., 40c each; 5-in., 30c; 4-in., 20c.
Fernery ferns, 5 varieties, 2½-in., $3.00 per 100, $25.00 per 1000.
Evenden Bros., Williamsport, Pa.

FERN BARGAINS.
Boston runners, strong.....$15.00 1000
Boston, 2¼-in. 30.00 1000
Amerpohlii, 4-in. 10.00 100
Cash with order.
The above stock is strictly clean and strong.
J. T. Cherry, Athens, Ill.

POTTED FERNS.

	3-in.	4-in.
Boston	7c	12c
Whitmani	7c	12c
Piersoni	7c	12c

DENISON GREENHOUSES,
DENISON, TEXAS.

Ferns. Good, strong, pot-grown Amerpohlii. Elegantissima, Piersoni, Boston and Superbissima, 3-in., $7.00 per 100; 4-in., $12.00 per 100, $110.00 per 1000; 5-in., $18.00 per 100. This is all excellent stock and worth more money but I must have room.
Andrew Peterson, Hoopeston, Ill.

Boston ferns, 6-in. pots, 45c ea., $40.00 per 100. Whitmani ferns, 4-in., 20c ea., $15.00 per 100; 5-in., 30c ea., $25.00 per 100; 6-in., 45c ea., $40.00 per 100; 7-in., 60c ea., $55.00 per 100; 8-in., 75c ea., $70.00 per 100. Ficus elastica, 35c, 50c and 75c ea. Cash, please.
Queen City Floral Co., Manchester, N. H.

Ferns. Boston, Scottii and Scholzeli, 2½-in., fine stock, ready now, $3.50 per 100; $30.00 per 1000. Fern flats, extra strong plants; Wilsoni, Mayii, Wimsetti and Adiantoides, $2.00 per flat.
R. J. Irwin, 3097 Broadway, New York, N. Y.

FERNS—Continued

Ferns for dishes. Wilsoni, Wimsetti, cretica albo-lineata, Ouvrardi, serrulata, in separate flats of about 200, ready to pot, $1.75 per flat; for 10 flats or more, $1.50 per flat. Shipped loose or in flats as preferred. Cash, please.
Rober & Radke, Maywood, Ill.

To save repotting and room, we will sell about 3000 Boston, Scottii and Whitmani ferns, from beds, suitable for 5 and 6-in. pots, for $10.00 and $15.00 per 100. Try them. See display adv. for pot ferns.
Alonzo J. Bryan, Washington, N. J.

BOSTON FERNS.
Fine stock.
3-inch ..... $ 7.00 per 100
4-inch ..... 12.00 per 100
5-inch ..... 18.00 per 100
Thos. Salveson, Petersburg, Ill.

Boston ferns, first-class stock, for 5, 6, 7 and 8-in., 20c, 25c, 50c and 75c. Whitmani, for 6, 7, 8 and 10-in., 25c, 35c, 50c and 75c. Also large specimen plants from $1.00 up. Scottii, for 6-in., 25c and 35c. Any quantity; 7000 to choose from. Cash. A. E. Monroe, Wellesley Farms, Mass.

Bench ferns. Boston, Elegantissima, 3, 4-in., 6c, 10c. Elegantissima, 5-in., 12c. Whitmani, 3, 4, 5-in., 8c, 12c, 15c. Amerpohlii, 3, 4-in., 8c, 12c. Scholzeli, 3, 4-in., 10c; 4-in., 15c. Cash. Byer Bros., Chambersburg, Pa.

Nephrolepis exaltata Bostoniensis. Booking orders now. Fine, strong runners, $10.00 per 1000. Nephrolepis exaltata, same price as above. Nephrolepis davallioides furcans, strong runners, $2.50 per 100. J. J. Soar, Little River, Fla.

BOSTON FERNS.
4½-in. pots ..... $15.00 per 100
5-in. pots ..... 20.00 per 100
6-in. pots ..... 40.00 per 100
Crown Point Floral Co., Crown Point, Ind.

Boston ferns for immediate delivery. Good, clean, strong, stocky plants, 4-in., ready for shift, $15.00 per 100; 5-in., ready for shift, $25.00 per 100. Cash with order.
Wirth & Gaupp, Springfield, Ill.

Ferns. Whitmani, Amerpohlii, Piersoni and Elegantissima, 2½-in., $4.00 per 100, $30.00 per 1000; 4-in., 12c; 5-in., 20c; 6-in., 40c. These are fine plants.
Truitt's Greenhouses, Chanute, Kan.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. 500 at 1000 rate. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

ROOSEVELT FERN.
The coming fern to grow. 2½-in. stock, $2.50 per doz., $17.50 per 100, $150.00 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

50 extra fine 6-in. Boston, 35c; the lot $15.00. 6-in. Whitmani and Barrowsii, extra heavy, 40c; 5-in., 30c. 4-in. Whitmani and Boston, 15c.
A. J. Baldwin, Newark, Ohio.

Boston and Whitmani ferns, 3-in., $7.00 per 100; 4-in., $12.00 per 100. Good strong stock ready to shift.
Momence Greenhouse, Momence, Ill.

Fern dish ferns. Heavy 2¼-in. pot plants, $3.00 per 100; $25.00 per 1000. Boston ferns, 5-in. pots, $25.00 per 100; 6-in., $40.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

FERNS FOR FERN DISHES.
Five leading varieties. Strong 2½-in. stock, guaranteed quality, $3.00 per 100; $25.00 per 1000. Evenden Bros., Williamsport, Pa.

Ferns. Boston, 2¼-in., 4c. Whitmani, 2¼-in., 5c. Elegantissima, Piersoni and Whitmani, 3-in., 8c; 4-in., 12½c; 5-in., 25c.
Mosbæk Greenhouse Co., Onarga, Ill.

Ferns for dishes, mixed varieties, extra heavy 2-in. stock from spring seedlings. $3.00 per 100. Cash.
N. E. Beck Floral Co., Massillon, O.

Ferns. Whitmani, 4-in., strong, ready for 5 and 6-in., 20c and 25c. Boston, 5-in., 20c and 25c. Fine pot grown ferns, sure to please. Cash.
H. S. Brandt, York, Pa.

Ferns. Scottii and Scholzeli, 5-in., $18.00 per 100; 2½-in., $4.00 per 100.
E. H. Frenking, Ingham Ave., Trenton, N. J.

Boston ferns, 4-in., 7 to 9 fronds, this is good strong stock, $8.00 per 100; $75.00 per 1000.
H. C. Brown, Yellow Springs, Ohio.

Boston ferns, grown for our own use but have too many; 4-in., 15c; 5-in., 35c; 6-in., 50c; $6.00 per doz. D. R. Herron, OLEAN, N. Y.

Ferns for dishes, assorted varieties. Strong 2¼-in., $3.00 per 100. Cash, please.
L. Rush, 135 34th St., Detroit, Mich.

Boston ferns from 5-in. pots, 20c. Whitmani, from 5-in. pots, 20c. Cash.
W. & T. Cass, Geneva, N. Y.

Ferns, strong bench stock. Boston and Whitmani, 15c, 20c, 25c and 30c.
R. R. Davis Co., Morrison, Ill.

Boston ferns, fine stock, 2¼-in., $3.00 per 100, $25.00 per 1000; 3-in., $6.00 per 100, $55.00 per 1000. Capitol Greenhouse, Springfield, Ill.

Boston ferns, strong runners, $10.00 per 1000. Write for special prices on 5,000 to 20,000 lots.
F. M. Soar, Little River, Fla.

Ferns. Boston, pot-grown, fine stock, 3-in., $7.50 100; 4-in., $15.00 100; 5-in., $20.00 100.
Swan Peterson Floral Co., Gibson City, Ill.

Ferns for dishes, hardy varieties, 2-in., $3.00 per 100. John Irvine & Sons, Bay City, Mich.

Boston fern runners, 2 to 4 leaves, $2.00 per 100. P. Pearson, 5734 Gunnison St., Chicago.

Whitmani ferns, bench grown, ready for 6-in., $25.00 per 100. Jacob Russler, Morgan Park, Ill.

S. A. Nutt geranium rooted cuttings, $1.00 per 100. Cash. E. T. Wanzer, Wheaton, Ill.

Whitmani ferns out of 4-in., fine plants, $10.00 per 100. J. C. Schmidt, Bristol, Pa.

Silver fern (Pteris argyrea), 5-in. pots, $8.00 per 100. Geo. H. Mellen Co., Springfield, O.

Boston ferns, 2½-in. stock, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

FEVERFEW.

Feverfew, double white, from 2-in. pots, $2.50 per 100, $20.00 per 1000; rooted cuttings, $2.00 per 100; $18.00 per 1000.
A. E. E. Koch, Nobscot, Mass.

Feverfew Little Gem, $1.25 per 100; $10.00 per 1000. Express prepaid.
C. Humfeld, Clay Center, Kan.

FORGET ME NOTS.

Myosotis Elizabeth Fonrobert, true stock, the best kind for winter blooming. Well rooted cuttings, no seedlings, ready for bench, $1.50 per 100; $10.00 per 1000. Extra strong plants from bench, $2.50 per 100; $15.00 per 1000. Cash, please. W. A. Finger, Hicksville, L. I., N. Y.

Winter flowering myosotis, transplanted, July sown, $3.00 per 100. Cash.
Ehmann's, Corfu, N. Y.

Forget-me-nots, lovely blue. Large plants, 35c per 100; $2.50 per 1000.
J. C. Schmidt, Bristol, Pa.

FUCHSIAS.

Fuchsias, assorted vars. R. C., $1.50 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

GARDENIAS.

Gardenia Veitchii. 3000 extra fine plants in 4-in. pots, $8.50 100; $85.00 1000.
The Hammond Co., Inc., Richmond, Va.

GENISTAS.

Genista racemosa, 6-in. pot plants, $25.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

GERANIUMS.

GERANIUMS.
S. A. Nutt, Montmort, DeFrance, Dble. White 2¼-in., $2.00 per 100; $18.00 per 1000.
Rooted cuttings, $12.00 per 1000.
Ricard, Viaud, Trego,
2¼-in., $2.25 per 100; $20.00 per 1000.
Rooted cuttings, $14.00 per 1000.
SCENTED GERANIUMS.
Lemon and Walnut varieties.
2¼-in., $2.00 per 100.
Rooted cuttings, $1.25 per 100.
Good, strong, healthy stock.
L. H. DORNBUSCH,
Hills and Dales Greenhouses, Dayton, O.

GERANIUMS.
2½-in. ..... $20.00 per 1000
Rooted cuttings ..... 12.50 per 1000
We have the following varieties: Nutt, Ricard, Poitevine, Jean Viaud, Gloire de France, Perkins, La Favorite, Grant, Mme. Landry, Col. Thomas, Conover and several others. Send your orders now. Terms cash, please.
Swan Peterson Floral Co., Gibson City, Ill.

ROOTED GERANIUM CUTTINGS.
We still have about 50,000 unsold for delivery Nov. 20 to 30. Order now and be sure of the stock. S. A. Nutt (greatest dark red), Double Grant (most satisfactory scarlet bedder), Mme. Buchner (double white), $1.25 per 100; $12.00 per 1000. Beaute Poitevine (salmon), $1.50 per 100; $15.00 per 1000.
W. T. Buckley Co., Springfield, Ill.

Geranium rooted cuttings, A No. 1. S. A. Nutt, Buchner, La Favorite, Doyle, Viaud, Perkins, Tiffany, $11.00 per 1000. Poitevine, Ricard, Trego, $14.00 per 1000. All of the above varieties mixed, $9.00 per 1000. 2-in. stock of all of the above named varieties, $2.00 per 100; $18.00 per 1000. D. R. Herron, OLEAN, N. Y.

Geraniums. Lecadre, Mosnay, Roseleur, Nutt, Dagota, Ricard, Viaud, La Favorite, Col. Thomas, Jaulin, Perkins, Oberle, 2-in. stock, $2.00 per 100; $18.50 per 1000. Hill, Dryden, Claire Frenot, Pres. Baillet, Mrs. Vincent, Bisquit, 2-in., $3.00 per 100; $25.00 per 1000. Cash. Send for geranium catalogue. A. D. Root, Wooster, O.

GERANIUM ROOTED CUTTINGS.
All sold until further notice.
Will have large crop of
Fine cuttings later on.
J. P. SIEBOLD,
LANCASTER, PENNSYLVANIA.

GERANIUM ROOTED CUTTINGS.
S. A. Nutt ..... $11.50 per 1000
Ricard ..... 14.00 per 1000
Poitevine ..... 14.00 per 1000
Well packed. We have no other varieties.
Albert M. Herr, Lancaster, Pa.

GERANIUM ROOTED CUTTINGS.
S. A. Nutt, Buchner, Grant, $12.00 per 1000. Doyle, Viaud, Castellane, Poitevine, Ricard, Jaulin and Perkins, $14.00 per 1000. Cash with order.
FRED W. RITCHY, LANCASTER, PA.

Geranium rooted cuttings. Dewey, a good double red, $10.00 per 1000. Also a good double pink Ivy geranium at $10.00 per 1000.
E. H. Frenking, Ingham Ave., Trenton, N. J.

GERANIUM ROOTED CUTTINGS.
READY FOR SHIPMENT.
Nutt, Buchner and Doyle, $12.00 per 1000; Castellane, Ricard and Viaud, $14.00 per 1000. Cash with order.
PETER BROWN, LANCASTER, PA.

Geranium cuttings, well rooted. S. A. Nutt, Buchner, Montmort, $1.25 per 100; $10.00 per 1000. Poitevine and Ricard, $1.50 per 100; $12.50 per 1000. Cash with order.
C. B. Shisler, Williamsville, N. Y.

Geranium rooted cuttings in large quantity. Nutt, Poitevine, Viaud, Doyle, Buchner, etc., for November and later delivery. Orders booked now.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Geraniums. Nutt, Poitevine, Ricard, Doyle, Viaud, Buchner, Rose, Ivy. Rooted cuttings, $1.00 per 100; $10.00 per 1000.
E. A. Wallis & Co., Berlin, N. J.

Geraniums. S. A. Nutt and standard varieties. $2.50 per 100; $20.00 per 1000. Field-grown, not cut back, S. A. Nutt and standard varieties, $6.00 per 100. H. G. Norton, Perry, O.

Nutt R. C., $10.00 1000. Standard vars., mixed, white, pink, red, salmon, 2¼-in., $15.00 1000; 3-in., $25.00 1000.
W. L. Edwards, Norwood Sta., Pa.

Geranium rooted cuttings. S. A. Nutt, La Favorite, all A 1, good, strong, well rooted stock from sand, $12.50 1000. Cash with order please. Fred C. Greene, Oil City, Pa.

Geraniums. S. A. Nutt, Jean Viaud, A. Ricard, F. Perkins, dble. white, 2-in., $2.00 per 100. Cash with order.
Marion Floral Co., Marion, Ind.

Geranium rooted cuttings. Nutt, Ricard and other standard varieties, mixed, cool grown, $10.00 per 1000.
Geneva Greenhouses, Geneva, Ind.

Geranium rooted cuttings. Double Gen. Grant and Buchner, $1.00 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

Geraniums. S. A. Nutt, Mme. Buchner, Poitevine, Le Cid, 2¼-in., $2.50 per 100; $20.00 per 1000. So. Bend Floral Co., So. Bend, Ind.

Geraniums. S. A. Nutt, strong 2-in., $2.00 per 100; $18.00 per 1000. Cash.
J. J. Soper, Rockford, Ill.

Geranium rooted cuttings. Nutt, $1.00 per 100. Jean Viaud, Ricard, $1.25 per 100.
Jacob Doerrer, Cedar St., Columbia, Pa.

Geranium Mme. Sallerol. Strong cuttings from soil, 75c per 100; $7.00 per 1000.
J. L. Johnson, DeKalb, Ill.

Geranium rooted cuttings. Ricard and Nutt, $12.50 per 1000.
G. E. Fink, Kenilworth, N. J.

Geraniums. Fine 2¼-in. plants, need room, $2.00 per 100; $18.00 per 1000.
G. E. Berthold, Nebraska City, Neb.

Rooted geraniums. S. A. Nutt, $11.50 per 1000. Cash with order.
C. F. Treichler, Sanborn, N. Y.

Geraniums. Single Grant, 2¼-in. pots, to close out, $1.50 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

We have a surplus of Buchner rooted geranium cuttings at $8.00 per 1000. Cash.
Cherry Park Gardens, Fredonia, N. Y.

Geraniums. Nutt, Ricard, Poitevine, La Favorite, Perkins, Castellane, 2-in., $2.50 per 100.
John Irvine & Sons, Bay City, Mich.

Nutt Geranium rooted cuttings, $12.00 per 1000. Erie Floral Co., Erie, Pa.

Geraniums, 2¼-in., $2.00 per 100.
W. W. Dederick, Warsaw, Ind.

Geraniums. Nutt and Mme. Sallerol, fine 2¼-in., 2¼c. Hammerschmidt & Clark, Medina, O.

Geraniums. Rooted cuttings all sold until November. Rudolf Nagel, Lancaster, Pa.

GLADIOLI.

Gladiolus White Lady, 1st size, $12.00 per 100. America, 1st size, $5.00; 2nd size, $3.00 per 100. Mixed, $5.00 per 1000. Cash.
Haentze Co., Fond du Lac, Wis.

Gladiolus Pink Beauty for forcing, $2.00 100; $18.00 1000. Cash. Also florists' mixture, America, Francis King, Augusta, etc.
Stevens Gladioli Co., Saginaw, W. S., Mich.

Gladioli. Klondyke, ½-in., $1.00 per 100; ¾-in., $1.50; 1-in., $2.00. Taconic, same price.
C. W. Brown, Ashland, Mass.

Gladioli. Blushing Bride nd The Bride, 60c per 100; $5.00 per 1000.
Storrs & Harrison Co., Painesville, O.

America gladiolus bulbs and bulblets now ready for fall shipment. Write for prices.
B. B. Currier, Seabright, Calif.

Special offer on Augusta. Big bargain.
C. H. Ketcham, N. S. D., So. Haven, Mich.

GNAPHALIUMS.

GNAPHALIUM LANATUM.
2-in. ..... $2.00 per 100
Rooted cuttings ..... 6.00 per 1000
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

GREVILLEAS.

Grevillea robusta, 4-in., strong, bargain at 12c.
W. J. Olds, Union City, Pa.

GUAVAS.

Strawberry guavas, 4-in., $10.00 per 100.
Orange County Ornamental Nursery, Fullerton, Calif.

HARDY PLANTS.

Hollyhocks, dble. pink, yellow and red, also single mixed, ¾c. Canterbury bells, single mixed; Gaillardia grandif., 50c 100. Cash.
E. W. Byer, Prop., S. Flo. Co., Shippensburg, Pa.

Hardy pinks, fine plants, 50c per 100; $4.00 per 1000. J. C. Schmidt, Bristol, Pa.

HELIOTROPES.

HELIOTROPES.

Rooted cuttings .....$6.00 per 1000
2-in. pots ..... 2.00 per 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgrebrook, Chicago, Ill.

Heliotrope rooted cuttings, 75c per 100, mailing 10c; 2¼-in., 3c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Heliotropes, strong 2½-in., $2.00 per 100.
Thos. Salveson, Petersburg, Ill.

Soil rooted cuttings, 75c 100; 2-in., 2c. Cash.
Mrs. May Bradley, Elwood, Ind.

Heliotropes, purple, 2-in., 2c.
Hammerschmidt & Clark, Medina, O.

HELLEBORUS.

HELLEBORUS NIGER.

The Christmas rose. Strong blooming clumps, sure to please, $22.00 per 100; smaller plants, $18.00 per 100. Cash with order.
The Kaber Co., La Porte, Ind.

HIBISCUS.

25 5-in. Hibiscus Peachblow, $12.00 100.
Thos. Salveson, Petersburg, Ill.

HOLLYHOCKS.

Double hollyhocks, yellow, pink, red; field-grown, 1-yr., $3.50 per 100.
Byer Bros., Chambersburg, Pa.

Hollyhocks, finest double, white, pink, red, separate colors, 75c 100. Cash.
Wingert & Ulery, Springfield, O.

Hollyhocks, double; separate colors. Fine field-grown plants that will bloom next season, 75c per 100; $5.00 per 1000. J. C. Schmidt, Bristol, Pa.

Double hollyhocks, in separate colors, $3.00 per 100. U. G. Harglerode, Shippensburg, Pa.

HONEYSUCKLES.

Honeysuckle, Hall's Japan, 1-yr.-old.
H. P. Neun, 941 South Ave., Rochester, N. Y.

HYDRANGEAS.

Hydrangea Otaksa, fine pot grown stock, 4-in., 2 to 3 shoots, $15.00 per 100; 5-in., 2 to 3 shoots, $20.00 per 100; 6-in., 3 to 5 shoots, $35.00 per 100.
Hydrangea Otaksa, field-grown. Extra specimens for large tubs, 12 to 15 shoots, $1.00 each.
Storrs & Harrison Co., Painesville, Ohio.

Hydrangea Otaksa, pot-grown, 6-in., 6 to 10 shoots, $3.50 doz., $25.00 100; 5-in., 3 to 6 shoots, $2.00 doz., $15.00 100; 4-in., 2 to 3 shoots, $1.50 doz., $10.00 100; 2¼-in., $3.00 100; rooted cuttings, $1.50 100.
G. E. Fink, Kenilworth, N. J.

Hydrangea Otaksa, field-grown, 1 shoot, 6c; 2 shoots, 10c; 3 shoots, 15c.
Erie Floral Co., Erie, Pa.

Hydrangea Otaksa, 3-in., will bloom this season, $4.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Hydrangea arborescens grandiflora alba, large 2-yr. field-grown, $12.00 per 100.
Geo. H. Mellen Co., Springfield, O.

Strong, field-grown Hydrangea Otaksa, 3 to 5 shoots.
H. P. Neun, 941 South Ave., Rochester, N. Y.

IMPATIENS.

Impatiens Sultani, red, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, O.

IRISES.

GERMAN IRIS, strong divisions. Aurea, Pallida Dalmatica, Queen of Gypsies, Velveteen and Yale Blue, $1.50 per 100; $10.00 per 1000. Samples mailed on request.
J. S. Wilson Floral Co., Des Moines, Ia.

IRIS, GERMAN. Pure white, lemon, purple and bronze, separate, $2.50 per 100. Mme. Chereau, light blue, $3.00 per 100.
John D. Imlay, Zanesville, Ohio.

Irises, Japanese, 50 varieties, $3.50 per 100.
Gilbert Costich, Rochester, N. Y.

IVIES.

ENGLISH IVY.

3-in. pots .....doz., $0.75
4-in. pots .....doz., 1.50

GERMAN IVY.

2-in. pots .....$2.00 per 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

German ivy. R. C., 50c per 100, mailing 10c; 2¼-in., 2½c.
English ivy, 2½-in., 4c; R. C., $1.00 100, $9.00 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

German ivy, 2¼-in., $1.50 per 100; rooted cuttings, 60c per 100, $5.00 per 1000.
L. H. DORNBUSCH
Hills and Dales Greenhouses, Dayton, O.

English ivy, strong plants from 2½-in. pots, $4.00 per 100.
Geo. H. Mellen Co., Springfield, Ohio.

English ivy, 3-in., $5.00 per 100. Orange County Ornamental Nursery, Fullerton, Calif.

LANTANAS.

LANTANA DELICATISSIMA.

2-in. .....$2.00 per 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Weeping lantanas. Strong plants from 2½-in. pots, $3.00 per 100.
Geo. H. Mellen Co., Springfield, Ohio.

LILACS.

Lilacs, on their own roots. Charles X, 3 to 4 ft., $22.00 per 100; 4 to 5 ft., very heavy, $75.00 per 100; 5 to 6 ft., very heavy, specimen plants, $100.00 per 100. Marie Legraye, 2 ft., $35.00 per 100; 3 ft., $50.00 per 100; 4 ft., $75.00 per 100.
Kiehm's Nurseries, Arlington Heights, Ill.

LILY OF THE VALLEY.

Lily of the valley, cold storage, for Christmas flowering, $1.75 per 100; $15.00 per 1000. Chicago Market Brand, $2.00 per 100; $16.00 per 1000.
H. N. Bruns, 3038 W. Madison St., Chicago.

LOBELIAS.

Lobelia Kathleen Mallard, the new double. Rooted cuttings from soil, 65c per 100 by mail; $4.50 per 1000 by express.
Whitton & Sons, City & Green, Utica, N. Y.

LUPINES.

Lupines, mixed, 2-in. pots, $2.00 per 100. For labeled varieties write us.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

NURSERY STOCK.

100,000 SHRUBS.

Althaeas.	Philadelphus.
Barberries.	Privet.
Deutzias.	Spiraeas.
Forsythias.	Weigelias.
Hydrangeas.	Viburnums.

Write for prices and sizes.
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Lilacs for forcing and gardens. Marie Legraye, Charles X, Mme. Lemoine, Souv. de L. Spaeth, Mme. Casimir Perier, Marley Rouge.
Conifers, large trees in variety.
Description and price on application.
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My catalogue for 1911 of native trees, shrubs, bulbs and plants is now ready to mail.
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TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS.
ELLWANGER & BARRY, ROCHESTER, N. Y.

PALMS, ETC.

"FULL OF LIFE" CLEAN, HEALTHY STOCK.

	Select.	Doz.	100
Pandanus Veitchii	3-in.	$3.50	$25.00
Pandanus Veitchii	4-in.	5.50	45.00
Kentia Belmoreana	4-in.	5.00	35.00
Kentia Forsteriana	4-in.	5.00	35.00

Cash. Prompt express shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses, Rockford, Ill.

2000 2¼-inch Kentia Belmoreana.
500 3-inch Kentia Forsteriana.
1000 2¼-inch Chamaerops Excelsa
200 2¼-inch Phoenix reclinata.
500 2¼-inch Latania borbonica.
$150.00 cash takes the lot.
GEO. JUST, JACKSONVILLE, FLA.

Palms for growing on. 80,000 Kentia Belmoreana, strong, vigorous, cool grown plants, free from bug or scale, 6 to 9 in. high, $20.00 1000, $175.00 10,000 f. o. b. Glasgow, for bank draft or postal order only, and offered so far as unsold.
Findlay Bros., Baillieston, Glasgow, Scotland.

The FLORISTS' MANUAL, by Wm. Scott. It tells you just what you want to know in just the way you want to be told. Price, $5.00. Prepaid.
Florists' Pub. Co., Caxton Bldg., Chicago.

Kentia Belmoreana from 2¼-in. pots, 3 leaves, $6.00 per 100; $55.00 per 1000. Cash or satisfactory references with order.
B. Soltau Fernery,
199 Grant Ave., Jersey City, N. J.

Pandanus Veitchii, 3-in. pots, $10.00 per 100; 4-in., $20.00 per 100; bench-grown, 10 in. high, $10.00 per 100; 15 in. high, $15.00 per 100.
J. J. Soar, Little River, Florida.

Areca intescens, 4-in. pots, 3 plants to a pot, 15 to 20 in. high, $3.00 per doz.; $22.50 per 100.
F. Ziegeler, Jr., 6037 Hurst, New Orleans, La.

Pandanus Veitchii, bench-grown plants, 10 in. high, $10.00 per 100; suckers, $4.00 per 100.
F. M. Soar, Little River, Fla.

Kentias. Big stock. Write for prices.
Holton & Hunkel Co., Milwaukee, Wis.

ARECA LUTESCENS.

Pots		Doz.	100
3-in., 3 plants in pot		$2.00	$15.00

COCOS WEDDELIANA.

2-in. pots	doz., $1.75; 100,	$14.00
3-in. pots	doz., 2.50; 100,	20.00

KENTIA BELMOREANA.

Pots	Height	Leaves	Each	Doz.	100
2½-in.	8-in.	4	.....	$ 1.50	$12.00
3-in.	8 to 10-in.	4 to 5	.....	2.00	15.00
4-in.	12 to 15-in.	4 to 5	.....	3.60	30.00
5-in.	18 to 20-in.	5 to 6	$ 0.75	9.00	.....
7-in.	28 to 30-in.	6 to 7	2.50	30.00	.....
7-in.	40 to 44-in.	6 to 7	4.50	.....	.....
8-in.	44 to 45-in.	7 to 8	5.50	.....	.....
9-in.	48 to 50-in.	7 to 8	8.00	.....	.....
9-in.	50 to 54-in.	7 to 8	10.00	.....	.....

KENTIA FORSTERIANA.

Pots	Height	Leaves	Each	Doz.
2-½-in.			.....	$ 1.50
3-in.			.....	2.00
4-in.			.....	3.60
5-in.			.....	5.00
5-in.	20 to 24-in.	4 to 6	$0.75	9.00
6-in.	30 to 35-in.	4 to 6	1.00	12.00
7-in.	36 to 38-in.	5 to 6	2.50	.....
8-in.	40 to 42-in.	5 to 6	4.50	.....
9-in.	46 to 50-in.	6 to 7	7.00	.....

MADE-UP PLANTS.

Pots	Height	Plants in pot	Each
7-in.	24 to 30-in.	3 to 4	$ 2.50
9-in.	50 to 54-in.	3 to 5	8.00
10-in.	58 to 60-in.	4 to 5	10.00
12-in.	62 to 70-in.	4 to 5	15.00

LATANIA BORBONICA.

2-in., 1 to 2 leaves.	per 100, $3.00; per 1000,	$25.00
4-in. pots	per doz., 3.00; per 100,	20.00
5-in. pots	per doz., 5.00; per 100,	40.00

PANDANUS UTILIS.

3-in. pots	per doz.,	$2.00

PANDANUS VEITCHII.

4-in. pots	each, $0.50; per doz.,	$ 5.50
5-in. pots	each, .75; per doz.,	9.00
6-in. pots	each, 1.00; per doz.,	12.00

PHOENIX CANARIENSIS.

7-in. pots, 36 to 40-in. high	each,	$ 2.50
10-in. pots, 50 to 54-in. high	each,	8.00
10-in. pots, 60 to 64-in. high	each,	10.00

PHOENIX RECLINATA.

4-in. pots	each, $0.25; doz., $3.00;	100,	$20.00
5-in. pots	each, .50; doz., 5.00		
6-in. pots	each, .75; doz., 9.00		

PHOENIX ROEBELENII.

Pots	Each	Doz.	100
2½-in.	.....	$2.00	$15.00
3-in.	.....	3.00	22.50
5-in.	.....	9.00	70.00
6-in.	$2.00	.....	.....
7-in.	2.50	.....	.....

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

PANSIES.

PANSY PARK PERFECTION is the most thoroughbred strain of giant show and fancy pansies, the flowers of largest size and most perfect form. I have made growing of pansy seeds and plants a specialty for nearly 40 years and it is the result of many years of breeding and selection. It also contains every variety introduced by foreign growers up to date. Special attention given to long distance orders, billed through at lowest rates. My method of packing is so light and perfect that I guarantee delivery in good condition at any express office in the U. S. "The proof of the pudding is in the eating thereof." A few samples of what others say: "Pansies arrived in good condition. In fact they are the best plants we have ever bought." Myers & Co., Bluffton, Ind. "Send me $10.00 worth of your best pansy seed. If as good in colors and size as they were last year I will need double the amount next year." G. H. Toepke, Detroit, Mich. "Ship $10.00 worth of your best pansies. Last year's gave satisfaction to me and my customers." M. J. McCabe, Washington, D. C. "Your Pansy Park Perfection were the finest pansies I ever had in my 25 years of business. My customers went into ecstacies over their beautiful colors." H. G. Wolfgang, Leetonia, O. "Pansy plants arrived in 1st class condition. Am much pleased with them." C. H. Ward & Son, Winter Park, Fla. An immense stock of fine field-grown plants from seed sown thinly, broadcast, so that each plant has plenty of room to grow stocky and strong, with extra good roots. Over 75 varieties mixed, the reds, bronzes and best fancy sorts in large proportion, 1000, $3.00; 500, $1.75; 5000, $14.00; 10,000, $27.00. Cash.
L. W. Goodell, Pansy Park, Dwight, Mass.

PANSIES.
BROWN'S IMPROVED
GIANT PRIZE PANSY PLANTS.
Mixed colors, $2.50 per 1000.
Cash with order.
PETER BROWN, LANCASTER, PA.

50,000 pansy plants, Vaughan's International, cold frame grown, every one a perfect plant ready to transplant, 50c per 100; $3.00 per 1000. Ready now.
W. E. Trimble Greenhouse Co., Princeton, Ill.

It has cost hundreds of dollars and 18 years time to upbuild Mastodon pansies, but they are worth all they cost. 1 oz., $9.00; 1/12 oz., $1.00. Plants, $3.00 1000; 50c 100, prepaid.
Steele's Mastodon Pansy Gardens, Portland, Ore.

Have you something that you don't want and would you trade it for something you have use for? Then don't fail to read the To Exchange advs. over in the back part of this department.

PANSIES—Continued.

HOME OF PANSIES.

Our growing crops of pansies for seed were greatly admired by all florists who saw them this last summer. All said they were grand—some said they were the best they had ever seen. We reserved over 50,000 of our best for seed growing and they certainly were a pretty sight. We are improving on them annually, and have a fine lot of red, red shades and other crosses of our own origin and nearly all colors and shades found in pansies. We started a few for a test very early and they have surprised us as to coloring and size of flowers; showing improvement over parent stock. You cannot go wrong if you place your order with us. If, upon blooming, you are not perfectly satisfied I will return every cent you paid for them. I made this same offer last year and had not a kick and I am better prepared to make it now than I was then. Our plants are in excellent shape owing to the good growing weather this fall; they are twice as heavy as last year and too large to go by mail. Our packing is right, we land them safe in Louisiana, Florida, California and other distant points. Have a large stock, all strong, sturdy, field-grown. Am receiving numerous testimonials and now have a large list of annual customers. Our collection contains no black, unless so ordered. We have a good stock of black which we keep separate. We can also supply, separate, Masterpiece, Giant Mme. Perret and Giant Prize Trimardeau; also blood red and Golden Queen, separate. All at the same price, $2.50 1000; 5000, $10.00. Liberal count.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Pansies, strong transplanted, for flowering in greenhouse, best sorts, $2.00 per 100.
F. A. Baller, Bloomington, Ill.

Choice pansy plants, July sown, ready now, no better mixture, 50c 100; $4.00 1000.
Harry White, North Manchester, Ind.

Pansy plants, grown from the finest giant mixtures, $3.00 per 1000. Cash. No order less than 500. John Lappe, Maspeth, L. I., N. Y.

Pansy plants. Giant Trimardeau and fancy mixed, 35c 100; $2.75 1000.
Russell Bros., R. 4, Syracuse, N. Y.

PELARGONIUMS.

Pelargoniums, 2½-in. stock, named varieties, 20 best varieties grown. Our selection, $5.00 per 100; your selection, $7.00 per 100. Cash with order. Will exchange for any variety we do not have. The Newburys, Mitchell, S. D.

Pelargoniums, assorted varieties, 2-in., ready for shift, $3.00 per 100.
Williams & Clark Floral Co., Muncie, Ind.

Pelargoniums, 2½-in., ready to shift, 10 good varieties mixed, $3.00 per 100. Cash.
Daut Bros., 112 E. Prairie, Decatur, Ill.

Pelargonium Robert Green, 2½-in., $4.00 per 100. Johnson Floral Co., Kendallville, Ind.

PEONIES.

Peonies in separate colors, including early and late blooming kinds, in white, pink, rose and red; equal amounts of same or in separate colors. Heavy divisions, $1.50 per doz., $7.50 per 100; $65.00 per 1000; medium, $5.00 per 100; $45.00 per 1000; small, $3.00 per 100; $25.00 per 1000. Cash, please.
Wm. A. Finger, Hicksville, L. I., N. Y.

Peonies, 3 to 5-eye divisions. Festiva maxima, best white, $9.00 per 100; Queen Victoria, white; Gigantea, rose-pink, late; Rosea, early pink, $6.00 per 100. John D. Imlay, Zanesville, O.

Peonies. Queen Victoria, Gen. Bertrand (pink), Lady Bramwell (pink), mixed pinks and reds. Strong divisions, $5.00 per 100. Cash. No list. W. J. Engle, R. D. 8, Dayton, Ohio.

Peonies in any quantity. Write for prices on list of your wants.
Gilbert H. Wild, Sarcoxie, Mo.

Peonies, 40 best commercial varieties. Strong plants, $5.00 per 100 and up.
Gilbert Costich, Rochester, N. Y.

Peonies. Excellent stock, leading commercial varieties. Wild Bros. Nursery Co., Sarcoxie, Mo.

Peonies only, by the wholesale. Best 100 varieties. J. F. Rosenfield, West Point, Neb.

PEPEROMIAS.

Peperomias, silver striped, 2½-in., $3.50 per 100; $30.00 per 1000.
Geo. H. Mellen Co., Springfield, Ohio.

PETUNIAS.

Dreer's double petunias, 6 choicest colors and varieties; just what you need for propagating, 3-in., 5c. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Petunias, double red, pink, variegated, 2¼-in., 3½c. Hammerschmidt & Clark, Medina, O.

PHLOXES.

20,000 phloxes, 2 yr., heavy, $6.00 per 100; $50.00 per 1000. Varieties: Amphion, Lingard, Lothier, Pearl, Pantheon, Richard Wallace, etc.
Klehm's Nurseries, Arlington Heights, Ill.

POINSETTIAS.

Poinsettia headquarters. Best time now for panning. Good, strong stock for immediate delivery; all top cuttings. 2½-in., strong plants, $4.00 100. $35.00 1000; 3-in., $10.00 100; 4-in., $15.00 100. Cash, please.
Rober & Radke, Maywood, Ill.

Poinsettias, August propagated, just right for pans, 2½-in., $4.00 per 100.
John Irvine & Sons, Bay City, Mich.

Poinsettias, strong 2½-in., $4.00 per 100; $35.00 per 1000. 250 at 1000 rate.
Krueger Bros., Toledo, Ohio.

Poinsettias, 3-in., 8c. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

Poinsettias, 2½-in., 5c.
Erie Floral Co., Erie, Pa.

POPPIES.

Oriental poppies, hardy, mammoth flowered; pot and field-grown plants.
Wingert & Ulery, Springfield, O.

PRIMULAS.

Primulas. Obconica grandiflora, fringed, Ronsdorfer and Lattmann's strain, in following colors: kermesina, rosea, lilacina and alba, from 4-in. pots, assorted, 7c. Gigantea, Arendsi strain, in same colors as above, assorted, 4-in., 8c. This stock is all strong, with heavy crowns, some in bud and bloom. Sample mailed for 10c or a bloom sent free on request. Cash or satisfactory reference. C. F. Mahan, R. D. 8, Dayton, O.

Chinese primroses, double and single, fancy colors mixed. Large 3½-in. plants, $8.00 per 100. Primula obconica grandiflora, fancy mixed, 4-in. plants, in bud and bloom, $5.00 per 100. 50,000 on hand ready for market. Large or small orders solicited. Try some. See display adv. for other plants.
Alonzo J. Bryan, Washington, N. J.

PRIMULA OBCONICA.
3-in. pots .....per 100, $6.00
PRIMULA SINENSIS.
4-in. pots .....per doz., $1.50; per 100, $10.00
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Primulas. Obconica and Forbesi, strong 2-in., ready for 4-in. pots, $1.50 per 100. Chinese, 4-in., $8.00 per 100. Obconica, 4-in., $6.00 per 100. All the above are A No. 1. Order now and get stock you will be pleased with. We defy all competition. Ferns, cash with order.
R. S. McMurray, Bellefontaine, O.

PRIMULA OBCONICA GRANDIFLORA AND GIGANTEA, Ronsdorfer and Lattmann's hybrids, eight separate colors, 2-inch, $2.50 per 100; strong 3-inch, same, in bud and bloom, $5.00 per 100.
FRED W. RITTER, DAYTON, O.

Primula obconica. Pink, 2½-in., $3.00 per 100; 3-in., $6.00 per 100. Red, 2½-in., $3.00 per 100; 3-in., $6.00 per 100.
These primulas have been grown from a fine strain of seed and are extra nice.
Geo. H. Mellen Co., Springfield, Ohio.

Primula obconica gigantea, our Royal mixture. Strong stock, in bud, ready for shift, 2½-in., $2.75 100. Kewensis, also in bud, 2½-in., $2.50; 3-in., $5.00; 4-in., $8.00 100. Cash.
Freeport Floral Co., Freeport, Ill.

Chinese primroses, finest fringed, mixed colors, 3-in., $4.00; 2-in., $2.00; 4-in., $6.00 per 100. Kewensis, 3-in., $3.00. Extra good plants. Cash. M. S. Etter, successor to John F. Rupp, Shiremanstown, Pa., The Home of Primroses.

Primula obconica, Ronsdorfer strain, in bud and bloom, 3½-in., 6c; 4½-in., 10c. Chinese primulas, good colors, in bloom, 4½-in., 10c. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Chinese primroses, a superb strain, large fringed flowers, many colors equally mixed, in bud and bloom, 4-in., $6.00 per 100.
Whitton & Sons, City & Green, Utica, N. Y.

Primroses, Chinese, fringed, mixed, and obc. grandif., fringed mixed; red separate. Fine strains, ready for 3-in., bargain, 1¾c. Cash.
E. W. Byer, Prop., S. Flo. Co., Shippensburg, Pa.

Primula obconica, rosea, grandiflora, alba and carminea, from 2½-in., strong plants, $3.00 per 100.
H. P. Neun, 941 South Ave., Rochester, N. Y.

Primula obconica grandiflora, Ronsdorfer and Lattmann's unrivalled hybrids, 14 colors, mixed, 3-in., 4½c. P. Malacoides, 3-in., 8c.
J. L. Schiller, Toledo, Ohio.

Primroses. Chinese, Forbesi, obconica, alba and rosea, $2.00 per 100. Obconica gigantea, $3.00 per 100; $25.00 per 1000. Ready now. Cash. Jos. H. Cunningham, Delaware, Ohio.

P. obconica grandiflora, alba, rosea, lilac, hybrida, rubra, compacta, Forbesi, 2c; sanguinea, carmine, gigantea, Kewensis, 2½c. All 2-in. pots. Cash. Byer Bros., Chambersburg, Pa.

Primula obconica, best large flowering strain. Strong, 2½-in. pot plants, $3.00 per 100; $25.00 per 1000. Cash with order. 500 at 1000 rate.
Frank Oechslin, 4911 W. Quincy St., Chicago.

Primula obconica, all the best strains. Extra fine plants, 2¼-in., $2.75 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Chinese primulas, 3-in., ready to shift, 5c. Primula kermesina, 3-in., ready to shift, 5c.
U. G. Hargierode, Shippensburg, Pa.

1000 Primula obconica, mixed colors, from 4-in. pots, in blossom, ready for 6-in. pots, $10.00 per 100. Cash. W. & T. Cass, Geneva, N. Y.

Primula sinensis, good crop.
J. Hasslach, St. Remy de Provence, France.

Primula obconica, best strain, pink, red and white, 3-in., 5c. Cash, please.
Rober & Radke, Maywood, Ill.

Primulas, Chinese and obconica, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Primula obconica gigantea (Arendsi), $3.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

Primroses, obconica, 2¼-in., $2.00 per 100; 3-in., $3.00 per 100; 4-in., $6.00 per 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

Primroses. See my display adv. before you buy.
J. W. Miller, Shiremanstown, Pa.

PRIVET.

CALIFORNIA PRIVET.

2-yr., 12 to 18 in., 5 to 8 branches	$10.00	1000
2-yr., 18 to 24 in., 5 to 8 branches	12.50	1000
2-yr., 2 to 3 ft.	15.00	1000
2-yr., 3 to 4 ft.	20.00	1000
1-yr., 2 to 3 ft., 3 to 5 branches	12.00	1000

TRUE EVERGREEN AMOOR RIVER.

18 to 24 in., well branched	$17.50	1000
2 to 3 ft.	25.00	1000
3 to 4 ft.	30.00	1000

SOUTHSIDE NURSERIES, CHESTER, VA.

75,000 2-yr. California privet, cut back once and well branched, 18 to 24 in., $12.00 per 1000; 2 to 3 ft., $15.00 per 1000. Cash with order.
Chas. L. Smith, Penn Grove, N. J.

CALIFORNIA—Any quantity, size, age. Not any better grown. Write for prices on it. Fruit and ornamental trees, shrubbery, etc.
Franklin Davis Nursery Co., Baltimore, Md.

California privet. A splendid lot of fine well graded 2-yr. stock. For particulars see our display adv. Chas. Black, Highstown, N. J.

200,000 2-yr.-old California privet, $1.50 per 100 and up. Small sizes free. List.
Benj. Connell, Florist, Merchantville, N. J.

Privet, strong 1-yr.-old plants.
H. P. Neun, 941 South Ave., Rochester, N. Y.

ROOTED CUTTINGS.

ROOTED CUTTINGS.
Ivy geraniums, a collection of up-to-date sorts, $1.50 per 100. Tradescantia discolor, strong cuttings, 75c per 100. Coleus, a fine collection of the best sellers, including Verschaffeltii and Golden Bedder, 75c per 100; $6.00 per 1000. German ivy, 60c per 100. Cupheas (cigar plant), 70c per 100. Alyssum, double giant, 70c per 100. Heliotrope, blue, 75c per 100.
John Irvine & Sons, Bay City, Mich.

ROSES.

FOR FORCING OR FALL PLANTING.

American Pillar, 3-yr.	$35.00 100
American Pillar, 2-yr.	25.00 100
Dorothy Perkins	12.00 100
Lady Gay, 4 to 6 ft.	16.00 100

Send for our complete list.
The Conard & Jones Co., West Grove, Pa.

Roses, 2-yr., own roots, field-grown. Dorothy Perkins, Baltimore Belle, Pink and White Ramblers, 5c; Yellow Ramblers, 7c; Queen of Prairie, etc., 6c; Crimson Rambler, Baby Rambler and H. P. roses, 8c and 10c.
Gilbert Costich, Rochester, N. Y.

ROSES.

Bride, 3½-in.	$6.00 per 100
Killarney, 3½-in.	10.00 per 100

Cash with order.
Rosemont Gardens, Montgomery, Ala.

American Beauty bench plants, 2-yr.-old, $5.00 per 100; $40.00 per 1000.
Kaiserin bench plants $5.00 per 100; $40.00 per 1000. Holton & Hunkel Co., Milwaukee, Wis.

Fine two-year-old Kaiserin roses from bench, immediate shipment, $70.00 per 1000. Cash with order or satisfactory reference.
Chas. Knopf Floral Co., Richmond, Ind.

4,000 Richmond rose plants, from bench, 1-yr.-old, $3.50 per 100; $30.00 per 1000.
Geo. Reinberg, 162 N. Wabash Ave., Chicago.

225 best varieties—old, new, tried, true.
Leedle Co., Expert Rose Growers, Springfield, O.

ROSEMARY.

Rosemary R. C., $1.50 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

RUBBERS.

FICUS ELASTICA.
6-in. pots .....each, 50c; doz., $6.00
FICUS REPENS (vine).
2½-in. pots .....each, $0.50
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

"FULL OF LIFE" STRONG, HEALTHY STOCK

		Select Doz.	100
Ficus Belgica	3-in.	$2.50	$20.00
Ficus Belgica	4-in.	4.00	30.00

Cash. Prompt express shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses, Rockford, Ill.

SAGE.

Holt's Mammoth sage, 2½-in. pots, $3.00 per 100. Geo. H. Mellen Co., Springfield, Ohio.

SALVIAS.

Salvias, splendens, Bonfire, R. C. or transpl., 90c per 100, mail 10c per 100; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

SALVIA CUTTINGS.

Bonfire .....$6.00 per 1000
Zurich ..... 6.00 per 1000

2-IN. POTS.

Bonfire .....$2.00 per 100
Zurich ..... 2.00 per 100

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook. Chicago, Ill.

SEEDS.

Seed packets and bags. Catalogue, clasp and commercial envelopes, printed or plain. "If it's a Spangler bag it's a good one." Estimates furnished.
E. J. Spangler Co., N. Howard St., Phila., Pa.

Clematis paniculata, Ampelopsis Veitchii, Berberis Thunbergii and 20 other varieties of fresh seed. List of seeds and plants free.
Benjamin Connell, Florist, Merchantville, N. J.

My catalogue of native tree, shrub and plant seeds now ready. Sent to anyone on application. L. E. Williams, Exeter, N. H.

SMILAX.

Smilax, 2¼-in., 2c; seedlings, 50c per 100; $4.00 per 1000; mail, 10c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Smilax, fine plants, cut back several times, bushy, out of 2½-in., $1.50 per 100; $12.50 per 1000. J. C. Schmidt, Bristol, Pa.

Smilax seedlings, 50c per 100.
F. A. Potter, 1221 N. Monroe, Stockton, Calif.

Smilax seedlings, 40c per 100.
Parker Greenhouses, Norwalk, O.

Smilax from 2-in. pots, $1.00 per 100.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Smilax. Strong plants from 2½-in. pots, $2.50 per 100. Geo. H. Mellen Co., Springfield, Ohio.

Strong 3-in. smilax, to close out, $2.50 per 100.
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Smilax, 2-in., very strong, $1.50 per 100; $12.00 per 1000. C. Humfeld, Clay Center, Kan.

Smilax. Good, strong, bushy 2-in. plants, $2.00 per 100. Addems, Morgan & Co., Paxton, Ill.

SNAPDRAGONS.

Snapdragon, florists' giant white, pink, yellow, orange, red, bronze. Strong R. C., $1.00 per 100, $9.00 per 1000; mail 10c per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Snapdragons, giant white, red, pink and yellow, 2-in., $2.00; $18.00 per 1000. Field-grown fine plants, above colors, $1.00 per 100. Cash.
Byer Bros., Chambersburg, Pa.

Snapdragons, best for cutting, white, pink, yellow and red, 2-in., $2.00 per 100.
John Irvine & Sons, Bay City, Mich.

Snapdragons, large flowering, 3-in. stock, $4.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Snapdragons, giant flowering, white, pink, red and yellow. Fine 2½-in. plants, $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

Snapdragons, frame grown. Firefly, white, yellow, 2-in., 2c. J. L. Schiller, Toledo, Ohio.

Snapdragons, giant pure white, from 3-in. pots, $5.00 per 100. Frank N. Eskesen, Madison, N. J.

SOLANUMS.

SOLANUM ACULEATISSIMUM.
6-in. pots, strong plants, each, 50c; doz., $5.00
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook. Chicago, Ill.

STOCKS.

Stocks, winter flowering, Cut and Come Again and Beauty of Nice, 8 of the most desirable colors; 2-in., to follow chrysanthemums, $2.00 per 100. John Irvine & Sons, Bay City, Mich.

Stocks. Beauty of Nice, from 2¼-in. pots, $3.00 per 100.
Frank N. Eskesen, Madison, N. J.

Stocks. Winter flowering Nice, Almond Blossom, flesh color, light blue, white; frame-grown, 2-in., 2½c. J. L. Schiller, Toledo, Ohio.

SWAINSONAS.

Swainsona alba, 3-in., $5.00 per 100, $45.00 per 1000. Hammond Co., Inc., Richmond, Va.

SWEET PEAS.

Sweet peas, winter flowering, 3-in., to follow chrysanthemums, several plants to each pot. Mrs. J. Dolansky, Mont Blanc, Christmas Pink, Mrs. Wm. Sim, Mrs. C. H. Totty, Mrs. Alex. Wallace, $3.00 per 100 pots.
John Irvine & Sons, Bay City, Mich.

Sweet peas, Xmas White, Xmas Pink, 3 to 5 plants to the pot, $3.00 per 100. Cash, please.
Geo. A. Relyea, Orchard Pl., Poughkeepsie, N. Y.

SWEET WILLIAMS.

Strong field-grown, finest colors, $5.00 100. Seedlings, large, best vars., 75c 100; $6.00 1000.
M. Yates, 2620 Highland, Indianapolis, Ind.

Sweet williams, mixed colors, 35c per 100; $2.50 per 1000. J. C. Schmidt, Bristol, Pa.

TRADESCANTIAS.

Tradescantias, green and yellow, red and green; soil rooted 2-in., 2c.
Mrs. May Bradley, Elwood, Ind.

TRADESCANTIA VARIEGATA.
(Wandering Jew.)
2-in. pots.....doz., 40c; per 100, $3.00
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

TRADESCANTIAS. 10,000 Wandering Jew R. C., tricolor and green, 60c per 100, $5.00 per 1000; 2½-in., 2c. Cash. Mailing, 10c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

TULIPS.

Tulips, single. Superfine mixture, 70c per 100; $6.00 per 1000. Named, colors—red, white, rose and yellow, 80c per 100; $7.00 per 1000. Darwin, special mixture, 90c per 100; $8.00 per 1000. Gesneriana, Marcrophila (scarlet), 80c per 100; $7.50 per 1000.
Storrs & Harrison Co., Painesville, O.

UMBRELLA PLANTS.

CYPERUS ALTERNIFOLIUS.
4-in. .....$1.25 doz.; $8.00 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

VEGETABLE PLANTS.

CABBAGE PLANTS.

Charleston and Jersey Wakefield, All Head, early, Flat Dutch, Succession and Danish Ball Head, $1.00 per 1000; 10,000 or over, 85c per 1000.

LETTUCE.

Grand Rapids, Defiance, Large White Loaf, Big Boston, Baltimore Big Head and Baltimore Cabbage Head, $1.00 per 1000; 10,000 or over, 85c per 1000.

Cash, please.
S. W. Shanklin, White Marsh, Md.

DOUBLE CURLED PARSLEY. We have a large stock of field-grown plants in fine condition. No. 1, selected, $2.00 per 1000; extra good plants, $1.50; small, $1.00 per 1000.
GRAND RAPIDS LETTUCE. Our stock of plants is in fine shape and in large supply, at $1.00 per 1000, $8.50 in 10,000 lots.
CABBAGE, $1.00 per 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Grand Rapids lettuce plants, extra well rooted plants. Seedlings, $1.00 per 1000; transplanted, $1.75 per 1000. Will ship same day we receive the order.
City Greenhouse Co., Inc., Findlay, O.

RHUBARB ROOTS, extra large clumps for forcing, $20.00 per 100; strong divided clumps for replanting, $5.00 per 100. Best kind for the market; red stalks.
Sluis Seed Store, 544 W. 63rd St., Chicago.

Grand Rapids lettuce plants, stocky, $1.00 per 1000; 10,000 for $7.50. Double Curled parsley, fine field plants, $1.50 per 1000.
J. C. Schmidt, Bristol, Pa.

Strong field-grown cabbage plants, $1.00 per 1000.
Lettuce plants, $1.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Lettuce, Grand Rapids. 100,000 surplus plants, frame grown, if taken at once, 75c per 1000. Cash. We need the space. National Coöperative Show Gardens, Spencer, Ind.

5000 transplanted Grand Rapids lettuce, healthy, $2.00 1000.
W. L. Leeka, Fairmount, Ill.

100,000 Grand Rapids lettuce plants, strong, stocky, cool grown, true forcing, $1.00 1000.
Keeney's Greenhouses, Monongahela, Pa.

Grand Rapids lettuce plants, transplanted, $2.00 per 1000.
Loyd C. Bunch, Fredonia, Kan.

VERBENAS.

Lemon verbena rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

Lemon verbena R. C., $1.50 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

Lemon verbena rooted cuttings, $1.00 per 100, prepaid. G. E. Fink, Kenilworth, N. J.

VINCAS.

VINCAS.
4-in. pots.....per doz., $2.00; per 100, $15.00
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Vinca rosea Madagascar, periwinkle, white flowering and white crimson-eye, 2¼-in., strong, 2c. Cash. Ready now.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Vinca variegata, an extra fine lot of bushy, field-grown clumps. Select, heavy, $4.00; good, $3.00 per 100. Cash. We can please you.
Wingert & Ulery, Maiden Lane, Springfield, O.

Vinca var. Strong, field rooted tips, 70c per 100; $6.50 per 1000.
Van Antwerp & Finger, R. 1, Syracuse, N. Y.

Vincas. Fine heavy 4-in., $7.00 per 100; well rooted cuttings, $1.00 per 100.
W. L. Edwards, Norwood Sta., Pa.

Vinca variegata. Extra strong field-grown plants, $4.00 per 100. Cash.
H. P. Smith, Piqua, O.

Vincas, variegated and green. Selected field rooted layers, $1.00 per 100; $10.00 per 1000. Cash. W. J. Engle, R. R. 8, Dayton, Ohio.

Vinca variegata. Strong field clumps, $5.00 per 100; good medium size, $4.00. Cash with order.
M. M. Lathrop, Cortland, N. Y.

15,000 extra strong field-grown variegated vincas at $5.00 per 100.
Fifth Ave. Floral Co., Columbus, Ohio.

Vinca variegata, fine large field-grown clumps, $5.00 per 100.
Stuhldreher Bros., Mansfield, Ohio.

Dwarf blue vincas, for borders. Strong roots, $2.00 per 100; from pint tins, $6.00 per 100.
Gem Nursery, Los Gatos, Calif.

Vinca variegata, strong rooted layers, $1.00 per 100. R. B. Kilbury, R. R. 1, Dayton, O.

Strong field-grown Vinca variegata, $5.00 per 100 Cash. Russell Bros., R. 4, Syracuse, N. Y.

Vinca variegata. Strong field-grown plants, $4.00 per 100. Vern L. Schluraff, Erie, Pa.

VIOLETS.

California violets, extra heavy field clumps, $5.00 per 100; $45.00 per 1000.
Hardy English violets, strong, 2½-in. pots, ready for delivery Mar. 1, $4.00 per 100.
Geo. H. Mellen Co., Springfield, Ohio.

Marie Louise violet blooms now ready, A No. 1 quality. For month of November, $1.00 per 100; $7.50 per 1000. Cash with order, please.
C. Lawritzen, Box 261, Rhinebeck, N. Y.

California violets. Fine, heavy, field-grown clumps, $5.00 per 100; $45.00 per 1000. Cash.
Muskogee Carnation Co., Muskogee, Okla.

Violets, Princess of Wales. Strong field clumps, clean and vigorous, $5.00 per 100.
Fred H. Lemon & Co., Richmond, Ind.

WALLFLOWERS.

Wallflowers, fine plants, 35c per 100; $2.50 per 1000. J. C. Schmidt, Bristol, Pa.

MISCELLANEOUS.

Ivy geraniums, best varieties, 2½-in., $3.00 per 100. Cinerarias, a grand assortment, 2-in., $2.00 per 100. Stocks, winter flowering, 2-in., $2.00 per 100. Grevillea robusta, 2-in., $3.00 per 100. Umbrella plants, 2-in., $2.00 per 100. Ferns for dishes, 2-in., $3.00 per 100. English ivy, 4-in., $10.00 per 100. Poinsettias, 2½-in., $4.00 per 100. Geraniums, 2-in., $2.50 per 100. Sweet peas, winter flowering, 3-in., $3.00 per 100 pots. Lantanas, fine varieties, 2-in., $2.50 per 100. John Irvine & Sons, Bay City, Mich.

Pot plants, all 3-in. unless noted. Fl. begonias ast., 3c. Heliotropes, blue, 2-in., 1½c; 3-in., 3c. Daisies, giant marg., yellow, 3c; white, 2-in., 2c. Fuchsias, named, 3c. Primroses, 2-in., 1¾c. Dracaena indivisa, 2-in., 1½c. Alternanthera R. C., red and yellow, ½c. Cash.
E. W. Byer, Prop., S. Flo. Co., Shippensburg, Pa.

LOOK under headings of primulas, chrysanthemums and asparagus and note what we are offering. Freeport Floral Co., Freeport, Ill.

TO EXCHANGE.

To Exchange—Field-grown carnations; these plants are very fine, we have them heeled in a cold frame to keep them from frost. Sangamo, Victoria, May Day, Lawson-Enchantress, Winsor, $4.00 per 100, $35.00 per 1000, for any kind of potted plants.
H. P. Kleinhaus, 66 Center Sq., Easton, Pa.

To Exchange—Dracaena indivisa, 2¼-in., field clumps of hardy carnations, Asparagus plumosus and Sprengeri, 2¼-in., for chrysanthemum stock plants. Let me know what varieties you have.
P. Pearson, 5734 Gunnison St., Chicago.

To Exchange—250 Xmas peppers, well berried, ready now for 5-in., at 10c; 100 Grevillea robusta, ready now for 5-in., at 12c, for geranium cuttings or pansy plants.
Electric Park Greenhouses, Fort Smith, Ark.

To Exchange—Primula obconica gigantea, mixed 2-in., 2c, for chrysanthemum stock plants, Unaka or others.
D. W. Leatherman, Anderson, Ind.

To Exchange—Golden Glow, Pacific supreme, Halliday and Touset chrysanthemum stock plants at $3.00 per 100, for ferns or anything we can use. Scharff Bros., Van Wert, O.

To Exchange—2-in. Asparagus Sprengeri, 2c, for 3½-in. cyclamen and C. primroses.
Cyrus Wilson, Marion, Ind.

To Exchange—Asparagus Sprengeri, 2½-inch, $3.00 per 100, for primula or cyclamen plants.
Weber Bros., Ironton, Ohio.

CARNATION STAPLES.

Pillsbury's carnation staples, 50c per 1000. Postpaid. I. L. Pillsbury, Galesburg, Ill.

CUT FLOWER BOXES.

Folding cut flower and corrugated design boxes. See our display adv. Write for price list.
The Sefton Mfg. Co., 1333 W. 35th St., Chicago.

All sizes of cut flower and floral design boxes. Write for our box catalogues.
C. C. Pollworth Co., Milwaukee, Wis.

Buyers of corrugated shipping boxes, send for catalogue just issued. See display adv.
Hinde & Dauch Paper Co., Sandusky, O.

Folding cut flower boxes, the best made. Write for list. Holton & Hunkel Co., Milwaukee, Wis.

DECORATIVE MATERIAL.

LYCOPODIUM (GROUND PINE). Can make shipments from Nov. to Jan. Goods guaranteed. 8c per lb. in any amount.

LAUREL ROPING at 4c, 5c and 6c per yard. Can furnish on short notice any amount.

GREEN SHEET MOSS. Best goods and guaranteed in every particular. Price, 4c per lb. Packed in bales or barrels.

WREATHS. We make any kind of a wreath desired and from any kind of foliage.

HOLLY. Guaranteed stock in standard cases.

We have everything in greens; better write your requirements.

Jones, The Holly Wreath Man, Milton, Del.

LYCOPODIUM.

Ground pine, ready for shipment after Nov. 15; quality and weight guaranteed. Orders accepted now at $8.00 per 100 lbs. Price subject to change.

PITTSBURGH CUT FLOWER CO.,
121 7th St., Pittsburgh, Pa.

BOUQUET GREEN.

We have made arrangements for a nice lot of bouquet green for Nov. 15 to Dec. 1 delivery, that we offer at 12½c per lb.; $9.00 per 100 lbs. Subject to being unsold on receipt of order.

Geo. A. Kuhl, Pekin, Ill.

Write for our special price on a special lot of dagger ferns.

Try our laurel festooning for your decorations, only 5c per yd.; 10 yds. free with first order.

Crowl Fern Co., Millington, Mass.

FLOWER COLORINGS.

CYACEINE FLOWER COLORING, yellow, orange, pink, blue, green, American Beauty, 20c per qt. by mail.

C. R. Cranston, 146 Orchard St., Auburn, R. I.

GALAX!

GALAX LEAVES
60C PER 1000.
POSTAGE PREPAID.
H. H. HILL,
VICTORIA, MACON CO., N. C.

GOLD FISH.

GOLD FISH.
We are now shipping
Extra fancy crop.
FANCY LONG TAILS
FANTAILS
TELESCOPES
If you have not our price list
A post card will bring it.
GLEN MARY FISH FARM,
Chas. Pommert, Prop., Amelia, O

Gold fish, aquarium plants, snails, castles, globes, aquariums, fish food, nets, etc., wholesale. Send for price lists. Large breeding pairs for sale. Franklin Barrett, Breeder, 4815 D. St., Philadelphia, Pa.

MOSS.

GREEN SHEET MOSS.

Fancy green sheet moss, choice quality. 8 bushel sack, well filled, $1.50 per sack (subject to change).

PITTSBURGH CUT FLOWER CO.,
121 7th St., Pittsburgh, Pa

PANS.

Bulb pans, new Hews make, 10-in., $6.25; 12-in., $12.25 per 100.

Josiah Young, Watervliet, N. Y.

POTS.

Standard Flower Pots. If your greenhouses are within 50 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts. N. E., Washington, D. C.

We make Standard Flower Pots, etc.
Write us when in need.
Wilmer Cope & Bro.
Lincoln University, Chester Co., Pa.

"NUF SED." Best red pots are made by
Geo. E. Feustel, Fairport, Iowa.

Red pots, none better.
Colesburg Pottery Co., Colesburg, Iowa.

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Your business demands good printing. My prices are low, consistent with the quality.
1000 business cards for $2.00. Cash.
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Florists' printing. Samples free. Prices and work the best. O. K. Fink, Pottstown, Pa.

RAFFIA.

Raffia, Red Star and 3 other grades. Bale lots or less. Colored raffia, 20 colors. Write for prices.
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Raffia (colored), 20 beautiful shades. Samples free. R. H. Comey Co., Camden, N. J.
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Sphagnum moss, clean stock; 12 bbl. bale, $3.50. Green moss, in bbls., $1.00 per bbl.
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Spray with lead arsenate both sides of foliage. Ask for K's Sprayer. J. Kopcsay, So. Bend, Ind.

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Tobacco dust and stems. Dust in cases, about 300 lbs., 2c per lb. Baled stems, about 150 to 175 lbs., $1.25; ton, $11.00. Cash. Money back if you say so. S. R. Levy, Binghamton, N. Y.

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By Prof. L. R. Taft. A complete manual on the building, heating, ventilating and arrangement of greenhouses, and the construction of hotbeds, frames and plant pits. Lucid descriptions and 118 diagrams and illustrations make every detail clear to the amateur and professional gardener and florist. Cloth. 218 pages. **$1.50**

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Florists' Publishing Co.
530-560 Caxton Building
508 So. Dearborn St. CHICAGO

SPRINGFIELD, O.

Club Meeting.

The annual banquet of the Springfield Florists' Club was held in the rooms of the Commercial Club, Monday evening, November 13. The usual business session was held, at which the club endorsed the project of acquiring the plot of ground between Limestone street, Union street and Fountain avenue from the Big Four Railroad Co., by the city, for park purposes. The members then adjourned to the dining room, where all did full justice to the menu. The beauty of the tables was greatly enhanced by two huge vases holding products of the Leedle Rosary, splendid blooms of Rhea Reid and gorgeous Golden Chadwick and Yellow Eaton, for which a vote of thanks and appreciation was tendered by the club.

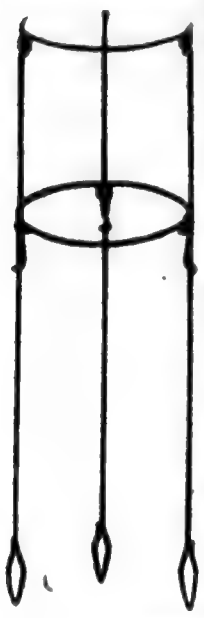
At the conclusion of the repast, Geo. D. Leedle submitted the final report of the outgoing program committee by suggesting as a topic for general discussion the admission to membership in the club of persons other than professional or commercial florists, such as amateur flower lovers, employees, etc., and thereby broaden the scope and extend the influence of the organization. Charles W. Schmidt, the retiring president, was introduced as toastmaster and presided in a jovial manner. The recently elected president, Christian Binning, delivered a well prepared address on "Progressive Expansion," suggesting many lines of activity along which the club might work with its present membership, and still other lines with an increased membership.

John M. Good, while not opposed to an enlarged membership, expressed some misgivings as to the desirability of members not in some way allied to the profession. Harvey Siegenthaler, who is something of a fish culturist as well as a florist, dwelt upon elaborate and far-reaching lines of expansion far beyond the conceptions of the promoters of the idea and started some new lines of thought for consideration. Arthur J. Todd, lawyer, journalist and amateur florist, stated that he was a member of numerous organizations, but that the Florists' Club is the only one whose policy is entirely unselfish. Geo. H. Mellen, Leman Bradford and Charles W. Unglaub advocated a restricted enlargement of membership. C. A. Schaefer illustrated his views by an apt story of a darky attempting to fly with a pair of turkey wings. Arthur C. Leedle inquired as to the propriety of consolidating or affiliating with the Horticultural Society as a means of mutual betterment, and also spoke in favor of again boosting the annual flower show project. William Mumm, of Columbus, commended the work of the club.

President Binning announced his appointment of standing committees as follows: Program, H. F. Good, C. C. Leedle and C. A. Schaefer; entertainment, Charles W. Schmidt, J. F. Businger and Leman Bradford; membership, Geo. H. Mellen, J. M. Good, Geo. D. Leedle, C. P. Bethard and Roy McGregor; grievance, Opha Jackson, B. C. Blake and John Doyle; publicity, Geo. D. Leedle, A. J. Todd and Geo. H. Mellen.

Ge Dale.

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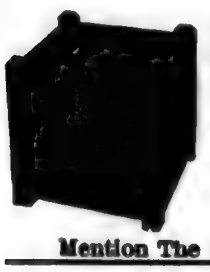
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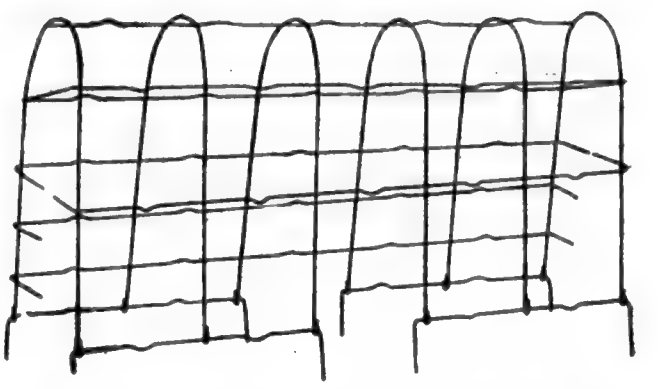
Tree Tubs and Brass Hoop Jardinieres.

The extension stave foot prevents the bottom from rotting. No chance for water to collect.

The American Woodenware Mfg. Co.
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The average cost per plant, 1-10 of a cent for material, saves more than 50 per cent in labor. You can make your own, saving dealers' profits. The support is started at the end of row of plants and can be done at any time. Does a row (any length) at a time and does it better. By far neater and uniform. More free access between rows for sun, air, watering and all necessary work. Adjustable to any size plants, at any distance, and by far more rigid. Not necessarily bulky; enough for 50,000 plants can be stored in quite a small space, as they rack together one above the other very tight with care. Easily conveyed. I have lifted with my little finger enough for 200 plants and carried them quite a distance with one hand. I have made by hand enough in one hour for 300 plants; supported 54 plants in six minutes. It does its work for the season. What I have done, you can do. Lasts as long as any (12 to 15 years). Not likely to be superseded. I have all similar methods covered. Material can be had at most any hardware shop. Calculated to meet the demands of both large and small growers. **Every good thing eventually speaks for itself.** I should like all growers to try it. One man can save you in one day the price asked. It has been tried thoroughly and I am able to substantiate all statements.

Send $5.00 for permission and instructions. Infringements or using without permission costs more.

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NIKOTEEN APHIS PUNK

The most effective and economical material there is for Spraying Plants and Blooms. Skillfully extracted from leaf Tobacco and carefully refined, it is clean and easy to apply. Does the work when vaporized, either in pans, on pipes or over flame. Full pint bottles, $1.50.

Specially prepared for fumigating closed houses. It vaporizes the Nicotine evenly and without waste. Nothing keeps a house free from Aphis so cheaply. ALL SEEDSMEN.

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Write for prices.

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SMITH, LINEAWEAVER & CO.
COAL
Anthracite, Bituminous, Coke and Gas Coal
West End Trust Building, Philadelphia
Mention The Review when you write.

Greenhouse Heating.

HEAT FROM RESIDENCE CELLAR.

I have just built a small greenhouse, 15x20, with a shed roof. The north side is boarded tightly. I wish to heat the house from a steam furnace in the cellar of my dwelling house. Please tell me how many pipes, and what size, will be required to heat it to 65 or 70 degrees in our coldest Rhode Island weather. F. E. S.

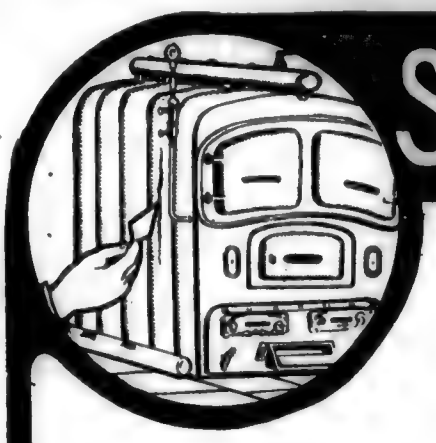
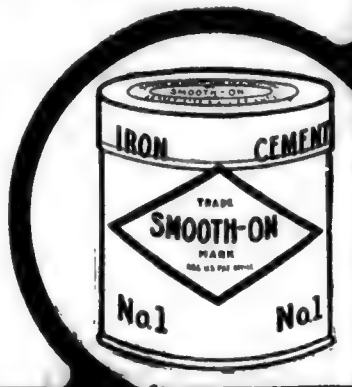
The question does not give a clear idea of the construction of the house, or of the amount of exposed glass and wall surface, and this lack of particulars makes it difficult to give any positive advice. However, it can be said that, in heating with steam, it is advisable to use 1¼-inch pipe, and, so far as can be determined from the data furnished, a simple way of arranging the piping will be to begin at the corner nearest the heater and run the coils around on the walls, making as nearly a complete circuit as possible. The pipes should be given a slight fall. The data are not sufficiently complete for an estimate of the amount of radiation required, but it will not be far from right if the number of linear feet of 1¼-inch pipe is one-half of the number of square feet of glass in the roof and walls.

A WRONG SYSTEM OF PIPING.

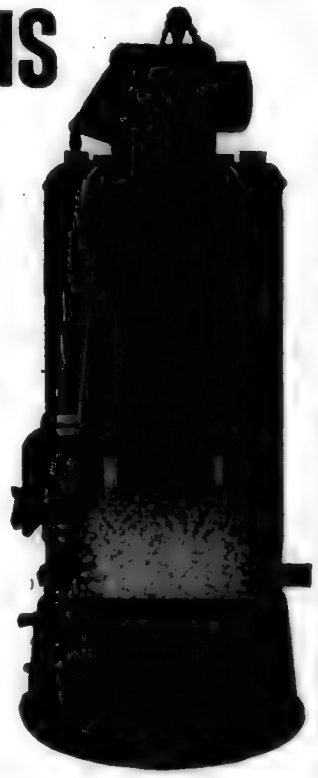
Will you please tell me what is the trouble with my heating system and how I can remedy it? I have a greenhouse 16x60, in which I installed the pipes myself. The beds are all solid. The pipes are all 1¼-inch. One pipe runs all the way around the building, at the gutter, and the other three pipes are hung on the wall and in the aisles. Each pipe has an upward slant toward the far end of the building and then slopes back to the boiler. These four pipes are all fed by one 2-inch pipe which runs from the boiler to the header, and the return is the same.

The pipes heat only about halfway around. The water seems to back up; it gets hot in the expansion tank, but only in part of the piping. Do you think the pipes are air-bound, thus preventing the circulation of the water? There are two air valves, one at the far end of the building on the outside pipe and the other on the header of the return, but I can not get any air out of the pipes through these valves. My boiler has a 200-foot radiation. Is it big enough, or, if not, what size of boiler does this greenhouse require for a temperature of 50 degrees at night, in this Indiana climate? J. H. N.

While there may be other troubles which are not made clear in the letter, much of the difficulty is certainly due to the small pipe used and the way it is arranged. For a house sixty feet long nothing less than 1½-inch pipe


SMOOTH-ON
IRON CEMENT
No. 1
permanently repairs cracks in greenhouse boilers, pipes, radiators, tanks, etc.
Be sure and send for a FREE No. 10 illustrated instruction book. It tells all about the different **Smooth-On Iron Cements,** shows how to use them and we think it will save you money. Every florist should have a copy.


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The self-feeding feature keeps an even and continuous fire for 12 hours and longer without any attention. This makes **night firing unnecessary**
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STEAM TRAPS

ARE USED BY

Progressive Florists Everywhere

IF your lines are sluggish and do not drain well; if your houses are not of uniform temperature, then you need an installation of the "Morehead System" of Steam Drainage and Boiler Feeding.

Make inquiry of brother florists in your district regarding the saving and general all-round satisfaction resulting from the use of the "Morehead System."

We will send you a trap on trial, to be returned without cost to you if it does not prove out our claims.

Write us today stating your steam line conditions.

Morehead Mfg. Co.
Detroit, Mich.
Please furnish undersigned with your trial offer proposition and copy of "Trap Book."

Name .....

Address .....

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Stocks carried in—

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200%

Our sales to Florists for 1910 were 200% increase over 1909 and every customer satisfied.

RETURN TRAP



Taylor Steam Specialty Co.
BATTLE CREEK, MICH.
Write Department F. for new catalogue.

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should be used, and 2-inch would be better. Even then it should not extend around the house, but the water should be carried to the farther end of the house in a 2½-inch flow pipe, which should connect with the returns. There should be ten 1¼-inch, nine 1½-inch or seven 2-inch returns. The boiler should be able to take care of 350 square feet of radiation.

WHICH EXPANSION TANK?

Which of the following two methods will produce the better results in connection with a No. 2 Kroeschell boiler: To have an expansion tank with a capacity of sixty gallons and a height of four feet, with its base six feet above the top of the boiler, or to connect the boiler to a water tank which is twelve feet high and ten feet in diameter, and which is elevated thirty feet above the ground? All the pipes are below the benches and are in straight runs. The temperature required is 60 degrees in one house and 50 degrees in the other, in this Missouri climate. The glass area is about 2,500 square feet.

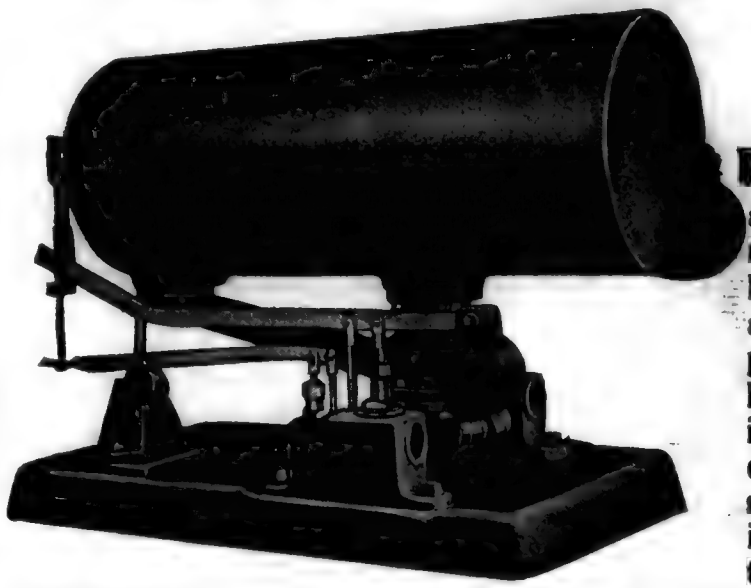
W. G.

If the piping is properly arranged, it will make little difference which method of connecting an expansion tank is used, provided the tanks are both above the highest point in the system, but if the coils are lower than the top of the boiler, or if the system is not properly balanced in any of its parts, the elevated tank will be more satisfactory, as this will make it possible to raise the temperature of the water in the flow pipes several degrees above the boiling point, which will improve the circulation. In either case, the tank should be connected with the highest part of the system, which should be arranged on the downhill plan.

AN ADDITION OF TWO HOUSES.

We have just finished the following addition to our range: Two attached houses, 20x50 and 26x50. The houses are open under the center gutter. The walls, which are of concrete, contain two and one-half feet of side glass. The houses are well protected from cold winds. The boiler room is centrally located, in a 100-foot service building. The gable ends of the two new houses are attached to the last

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THE NEW "Detroit" RETURN TRAPS

are devoid of all unnecessary mechanism.

Every part designed, manufactured and assembled with the idea of permanence foremost.

Every tilt of the trap shows that it's working—draining every drop of condensation from the heating system and automatically returning it to the boiler—no pumps—no trouble.

Condensation is the purest kind of boiler feed water. Don't waste it. Return it directly to the boiler by "Detroit" Return Traps and prevent scale formation.

Ask us to mail you advance bulletin, No. 320-FR.

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DETROIT, MICH.
U. S. A.

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Do You Know



how much the temperature varies in your greenhouses during the night, or when you are absent? You only **think** you know unless you have a

STANDARD
RECORDING THERMOMETER

Capable night firemen enjoy these thermometers—they leave a written record under lock and key that is **the best recommendation** any good fireman could have. If you are your own night man, find out just how the temperature has varied while you slept; it has been worth much money to others and may be to you.

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The Heating Question??

Is your Heating System lazy?

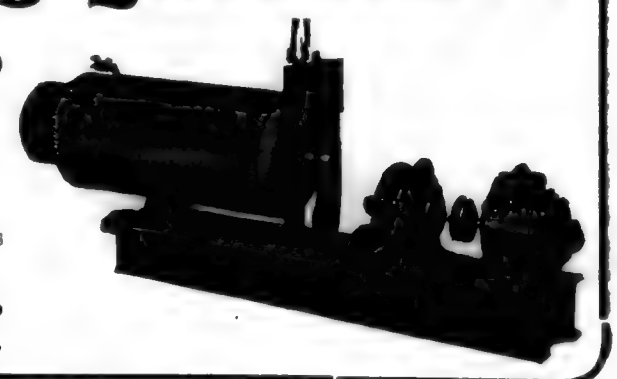
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MAKES the system work.

Pulls water and air out of the system.
Pulls HOT STEAM through piping.
Pumps water into the boilers.

SAVES 20% TO 50% FUEL.

Winter is approaching. Write for particulars at once.



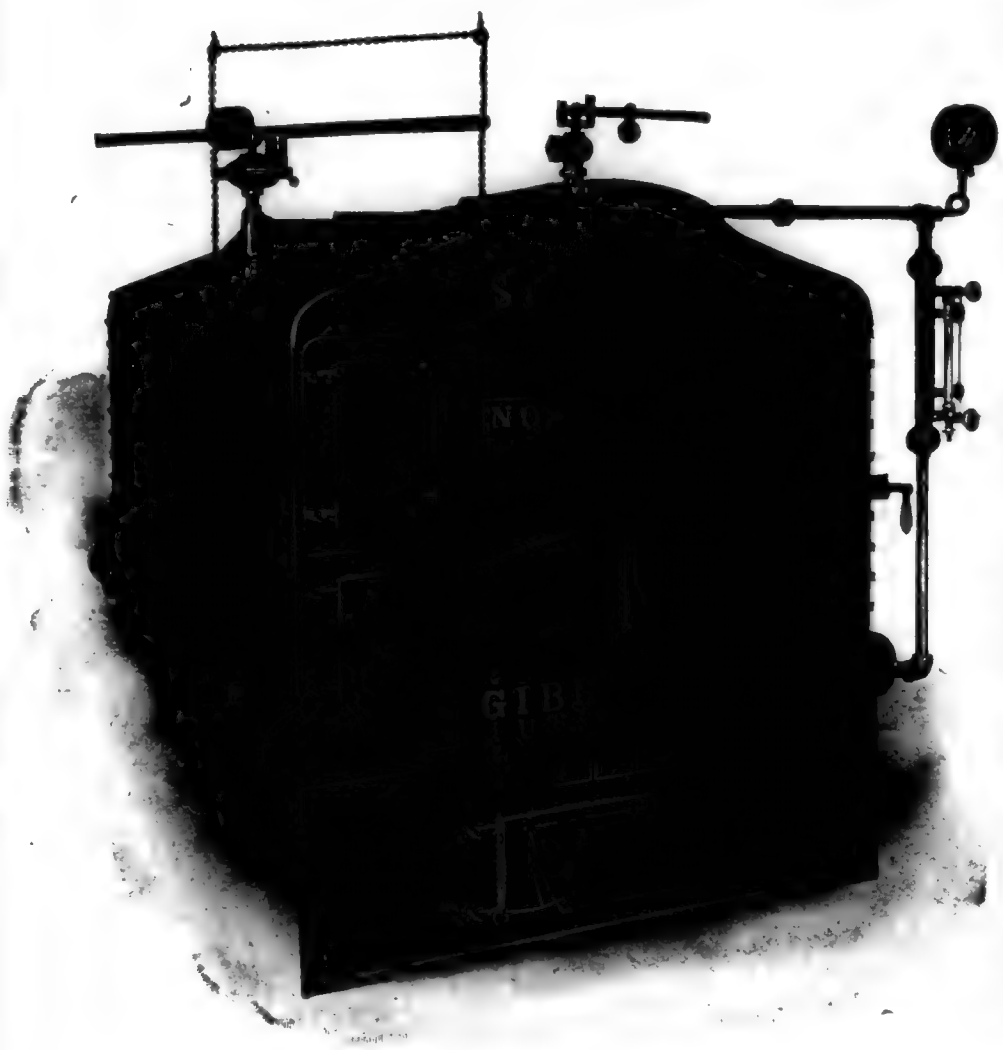
CHICAGO PUMP CO.
1059 Fulton Street, CHICAGO, ILL.

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Will It Cost You $260 or $1200?

¶ Study our illustrations—see how a certain greenhouse man paid $260.00 for his boiler and fuel during the winter—while his neighbor tried to save money by buying a "cheap" (?) boiler and sank $1200.00.



The man who spent $260.00 used our GIBLIN "Standard" Greenhouse Boiler.

It is the biggest saver you can put into your greenhouse.

You save money every year you use our **GIBLIN "Standard" Greenhouse Boiler,** by reducing your fuel consumption, repairs and labor cost to the minimum.

Not a "Cheap" Outfit

Although we offer an extra discount of 25 per cent (in addition to our liberal regular discount) for the purpose of introducing our boiler in your neighborhood, this is not a "cheap" outfit. The price is right for the grade and quality of workmanship we put into it—the very best.

You want a boiler that requires very little attention and leaves you free to devote your valuable time to more important things. Neither you nor your men relish getting up at midnight, 3 a. m. and sunrise to feed a hungry heater.

The GIBLIN "Standard" requires attention only once in twelve hours in ordinary weather.

It economizes on repairs because of its unusually sturdy construction. All of the castings are tested at pressure of 65 pounds to the square inch—far more than they will ever undergo in actual use. Our boiler will last a lifetime, and once you've bought it your heating worries are off your mind for once and all. **Can you say the same about your present boiler?**

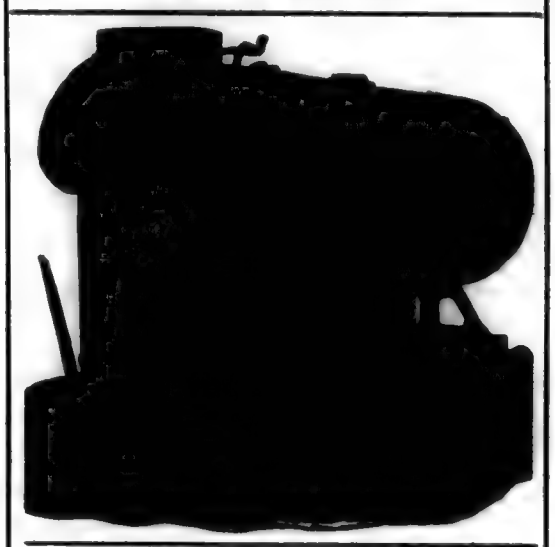
¶ Wouldn't it pay you to "scrap" the outfit you now have and start saving by using a GIBLIN "Standard"?

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109 Broad St., UTICA, N. Y.

FOLEY MFG. CO.
Western Agents, 2516 S. Artesian Ave., CHICAGO

IMPROVED RETURN TUBULAR FIREBOX BOILER



Johnston Heating Co.
131 E. 26th St., New York City

Mention The Review when you write.

fifty feet of the service building. Please state what you consider the proper sizes of pipe to use and the number of flows and returns necessary to heat these houses to 55 degrees. The capacity of the boiler is ample, and it has a 4-inch flow and a 4-inch return opening. We are located in New York state.

Also kindly pass your opinion on the following: Our supply tank for watering our plants is located directly over the boiler room, on the second floor of the service building. These additional houses necessitate a larger expansion tank. Could we run our expansion pipe from the boiler to this tank? This tank holds about ten barrels of water. Would such a body of water be detrimental to the working of the hot water system? R. B.

The houses can be heated by using either three 2-inch flow pipes or two 2½-inch flow pipes. Two flows can be carried on the plates, and if 2-inch pipe is used, one can be a foot or two under the ridge. In the 20-foot house nine or ten 2-inch return pipes will be required, while twelve or thirteen will be needed in the 26-foot house. It makes no difference how large an expansion tank is used, but considerable elevation is helpful, if the piping is not properly adjusted or is below the top of the heater.

GAS OR COAL AS FUEL?

Will you kindly tell me whether satisfactory results can be obtained by the use of natural gas with Kroeschell hot water boilers? Which would be less expensive, gas at the rate of 50 cents per thousand cubic feet or coal at $2.95. per ton? A. J. P.

Coal at $3 per ton will be the cheaper fuel to use. At the figures stated by A. J. P., the cost of coal as fuel would be only one-third the cost of gas at the rate quoted. This estimate is based on natural gas having an efficiency of 1,000,000 B. T. U. per thousand cubic feet, compared with a low grade of coal having 10,000 B. T. U. per one pound. Kroeschell Bros. Co.

Red Oak, Ia.—Charles A. Berg is building additional houses for bedding plants, etc., for the wholesale trade.



More Heating Surface

and less water space than is contained in any other boiler. (Note the many flues set close together.) This is one reason why the users of the

"Superior Standard" Greenhouse Boilers

find them perfectly satisfactory. We frequently receive re-orders from florists who have tested these boilers thoroughly and found them even "Superior" to our claims.

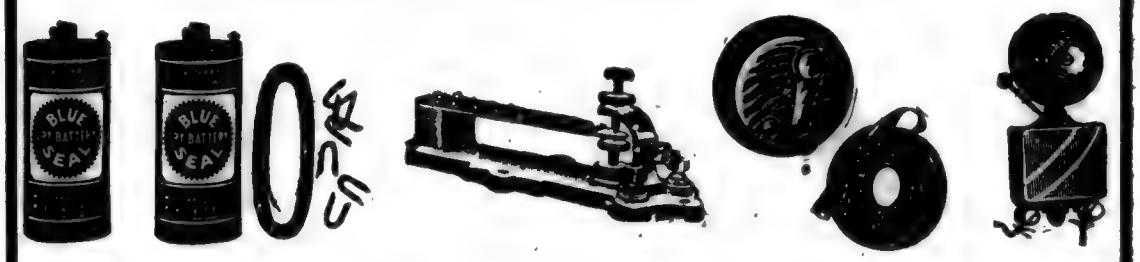
Why not ask for full particulars today? A postal to us will bring a prompt reply.

SUPERIOR MACHINE & BOILER WORKS
Superior and Green Sts., CHICAGO, ILL.

Mention The Review when you write.

The Mesco $2.50 Thermostat

RECOMMENDED FROM MAINE TO OREGON



. . . More than pleased. Saves me many hours' rest.
T. J. Allen, Florist, Lewiston, Me.

. . . A splendid, reasonably priced, worry-saving instrument.
Mrs. F. X. Legrand, Florist, Portland, Ore.

Complete Outfit, $2.50. Easy to put up. Requires no attention. Automatically rings bell when temperature becomes dangerous. Order now and stop worrying. Circular.

MANHATTAN ELECTRICAL SUPPLY CO., 114 S. 5th Ave., CHICAGO

Mention The Review when you write.

THURTELL-FIELD-ENGLISH CO.
22 Quincy St., Chicago, Ill.
BUILD
Return Steam Traps for Florists
All are absolutely positive in their work.
Selling Agents:
Norman English, 285 Michigan Ave., Detroit, Mich.
J. C. Corbin, 1112 American Bank Bldg., Seattle.
Griscom-Spencer Co., 90 West St., New York.
Mention The Review when you write.

50% SAVED
Pipes, Flues
and casing thoroughly overhauled and guaranteed. Greenhouse fittings of every description.
ILLINOIS PIPE & MFG. CO.
2115 S. Jefferson Street, CHICAGO
Mention The Review when you write

We have genuine wrought iron pipe and "P" quality valves and fittings.
WHETSTONE & CO.
911 Filbert Street, PHILADELPHIA, PA.

Always mention the Florists' Review when writing advertisers.

RIPPLEY 200 HEATER



Capacity: Will heat 600 feet 1¼-inch pipe.
Price, Freight Paid, $36.50
Other heaters from $20.00 up.
Catalogue Free
RIPPLEY MFG. CO.
Box F, GRAFTON, ILL.

DO YOU KNOW ABOUT THE
Martin Rocking Grate
IT SAVES COAL
MARTIN GRATE CO., 343 S. Dearborn St. CHICAGO.

Ford & Kendig Co.
"Spellerized" Wrought Pipe
Especially adapted for Greenhouse Work, Fittings, Valves, Tools, etc.
24th and Wood Sts. PHILADELPHIA, PA.

A Greenhouse Boiler that fairly shot into fame

Here is the boiler that is making the most wonderful greenhouse heating record in the world. Florists and gardeners who have used other makes are constantly giving the KROESCHELL GREENHOUSE BOILER the highest praise.

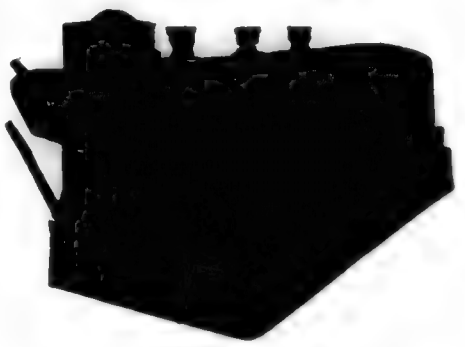
10,788,000

square feet of glass was equipped with the KROESCHELL BOILER during the past four years and you will find our new 1910 model KROESCHELL HOT WATER BOILER in every state in the Union and Canada. OUR EASTERN BUSINESS HAS BEEN EXCEEDINGLY HEAVY THIS SEASON.

Ratings and RATINGS

Unlike Cast Iron Boilers, which can not be depended upon to carry their ratings even when crowded WITH HARD COAL, "THE KROESCHELL" again excels because—every Kroeschell Boiler is HONESTLY RATED and GUARANTEED to carry the glass and pipe capacities stated in our catalogue TO 60 DEGREES AT 15 BELOW ZERO. Any kind of fuel can be used OUR RATINGS are easily maintained with the cheapest grades of coal.

Quickest Water Heater in the World



Can Ship Any Size At Once

HUNDREDS of CAST IRON BOILERS were replaced by the Kroeschell Hot Water Boiler during the past six years. It is a common occurrence for a Kroeschell Hot Water Boiler to replace two to four cast iron boilers at a single place; this is the CENTRAL HEATING SYSTEM PLAN, and has saved many florists hundreds of dollars per season in fuel alone, besides a big saving in labor.

Our Heating Engineer

has probably had more practical experience in this line than any other greenhouse man, and we place his experience at your service.

Quick Heating Piping Systems

We have just completed the largest hot water greenhouse system erected this season. One of our No. 17 Boilers is on the job, capacity 72,000 square feet of glass, 60° at 15 below zero. The mains are arranged to take care of 20 additional houses, 34x305. Kroeschell Threaded Tube Piping System is used throughout the entire range; every return is controlled by 1¼-inch gate valve (strictly a Kroeschell feature), insuring perfect control. The circulation is perfect, reaching the extreme ends of the range very quickly. The Kroeschell Generator is also used with this system. It's the "HIGH SPEED GEAR" for gravity hot water heating.

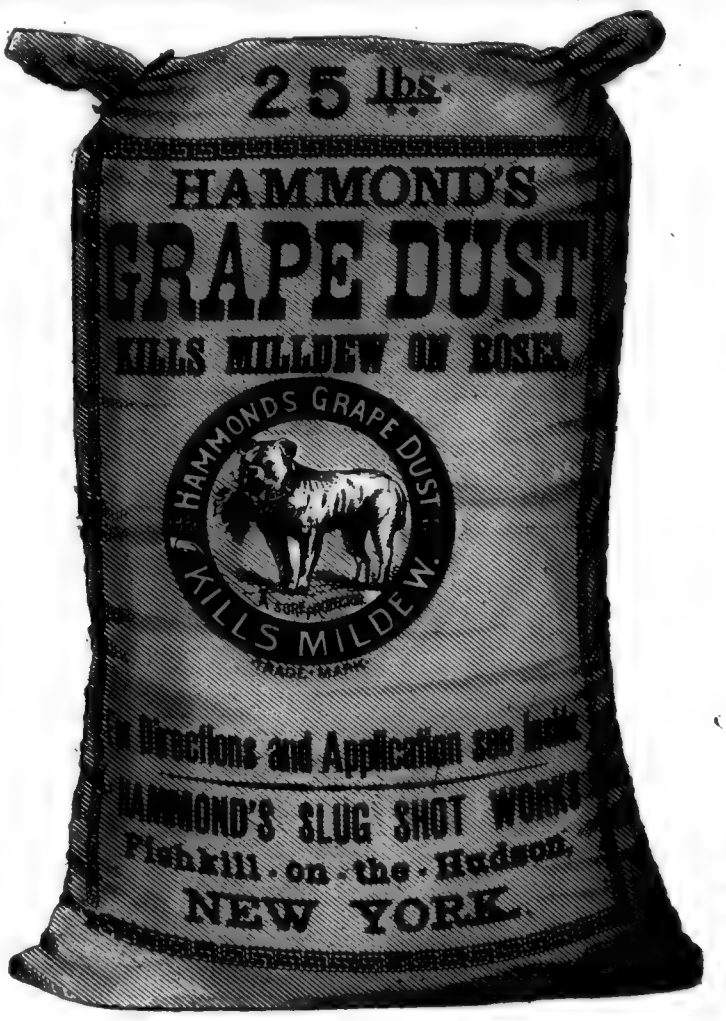
THE KROESCHELL GENERATOR

is now used for over 15,000,000 square feet of glass and no hot water heating system is complete without it. Get one for your system—they are easy to install and guaranteed to give satisfaction.

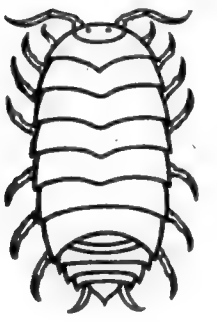
Write us if you are interested and DO IT TODAY.

Kroeschell Bros. Co.

444 W. Erie Street, CHICAGO, ILL.



Hammond's
"SLUG SHOT"
Cleans out the
Sow Bug



OR
Wood Louse
IN GREENHOUSES.



Sold by the Seed Dealers of America
Mention The Review when you write.



The Users Of The.... Hughson Regulating Valve

are all satisfied with the results it has given, and many duplicate orders is the proof. **This Valve will maintain a steady pressure** on the low side, no matter how the initial pressure fluctuates. By carrying 40 or 50 pounds pressure on the boiler and setting the valve to carry 5 or 10 pounds on the line, you always have a reserve to fall back on in case of a sudden drop in temperature. **Our new catalogue is just out** and if you contemplate making any changes you had better get one—it is yours for the asking.

We Also Make Traps and Other Devices.

HUGHSON STEAM SPECIALTY CO.
5021-5023 S. State Street, CHICAGO

Successors to the John Davis Company

Mention The Review when you write.

WRITE TO

Geo. B. Limbert & Co.
557 Fulton St., CHICAGO

For Prices on

Genuine Wrought Iron Pipe

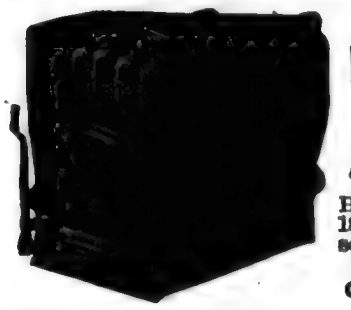
Ask For Catalogue.

Mention The Review when you write.

FREE
NICOTINE AND TOBACCO POWDER
SEE II A STOOTHOFF CO ADVERTISEMENT ON

Page 128

THE BURNHAM



HOT WATER OR STEAM
56 Sizes
Heats from 1850 to 27,000 square feet.
Send for Catalogue.

Lord and Burnham Co.
Irvington, N.Y.
New York
Boston
Philadelphia
Chicago

Mention The Review when you write

The REGAN PRINTING HOUSE
LARGE RUNS OF
Catalogues OUR SPECIALTY
GET OUR FIGURE
531-537 Plymouth Place, CHICAGO

Always mention the Florists' Review when writing advertisers.

...NEWS NOTES...

North Easton, Mass.—J. H. Leach & Son have decided not to disseminate their carnation, Pink Supreme, this season.

Calla, O.—W. P. Mellott, successor to the Calla Cut Flower Co., has added another house, 35x110, which he expects to use for lettuce and cucumbers. With this addition, he now has 25,000 square feet of glass, chiefly devoted to carnations and lettuce.

Cambridge, Mass.—John McKenzie returned from his trip greatly improved in health and is giving strict personal attention to the specialties he puts on the market. Fred C. Becker says the opening of Harvard has stirred up business. He looks for a busy, though late, season, and is well prepared for it.

La Crosse, Wis.—The show held by the La Crosse Floral Co. in the Masonic temple, November 16 to 18, under the management of C. E. Schaefer, was a notable event in the trade and attracted a large attendance. Some of Mr. Schaefer's designs for the display of the stock were particularly ingenious and effective.

Danville, Ill.—In accordance with his annual custom, H. D. Caldwell, chief gardener at the National Soldiers' Home, invited the public to the greenhouses on Sunday, November 5, to view the chrysanthemums and other stock. He gives this chrysanthemum show on the first Sunday of November in each year. Several thousands of people generally attend.

Oskaloosa, Ia.—The Kemble Floral Co. is sending out an illustrated booklet descriptive of its establishments. This firm operates a branch at Boone, Ia., while business is conducted at Mason City by Kemble & Goodman and at Marshalltown by T. O. Kemble. The booklet is equally devoted to the interests of the four places and also gives instructions for the care of plants and cut flowers.

Cattle Manure in Bags
Shredded or Pulverized



Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unequaled for all field use. Write for circulars and prices.

The Pulverized Manure Company
33 Union Stock Yards CHICAGO

Mention The Review when you write.

"FRIEDMAN'S BEST" TOBACCO POWDER

For fumigating and sprinkling combined 3½ cents per lb. in 100 lb. sacks, $30.00 per ton.
TOBACCO STEMS, 50 cents per 100 lbs.
TOBACCO DUST, for sprinkling, 1 cent per lb.
J. J. Friedman, 285-289 Metropolitan Ave. Brooklyn, N. Y.

Always mention the Florists' Review when writing advertisers.

Aphine
The Insecticide that kills plant Lice of every species

Just the remedy for the black aphis on Chrysanthemums—red spider and thrips on Carnations—green fly on Roses—mealy bug on Gardenias and Crotons—scale on Ferns, Palms and other decorative stock.

$2 50 per gallon—$1.00 per quart.
U. S. and Canada.

FUNGINE

Fungine has no equal for Carnation rust, rust on Chrysanthemums and mildew on Roses.

$2.00 per gallon—75c per quart,
U. S. and Canada.

There is but one convincing way for you to become familiar with the merits of Aphine and Fungine, and that is—test them out yourself—it will prove worth your while.

FOR SALE BY SEEDSMEN
Manufactured by
APHINE MANUFACTURING CO.
MADISON, N. J.

Mention The Review when you write.

Quick Budding and Stiff Stems

Get into the market with better blooms—Sheep's Head Brand of Pulverized Sheep Manure will prove a money maker for you. Unsurpassed as an extra stimulant to plants, pots or beds. Will not cause black spot like stable manure. Free from weed seeds—always ready.

Carnations, roses, chrysanthemums and violets are particularly benefited. Send for booklet,

"Fertile Facts"



It shows you the dollars and cents view and points out the actual profits from using Sheep's Head brand, and shows you how to prepare soils so that they will retain soluble plant foods near the surface of the ground within reach of the rootlets of growing vegetation. We will send you a copy of this interesting and instructive book free. Write to-day.

NATURAL GUANO CO.
Dept 26. Aurora, Ill.

Mention The Review when you write.



THE BEST Bug Killer and Bloom Saver

Drop us a line and

We will prove it

P. R. PALETHORPE COMPANY
Dept. A,
Owensboro, Ky.

Mention The Review when you write.

Peerless Sulphur Blower

"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago

McMORRAN & CO. 162-166 N. Clinton St. CHICAGO, ILL.

Mention The Review when you write.

DO YOU FUMIGATE?

One Dollar Equal to Two and Three Quarter Dollars

We have mailed to every grower in the United States one of our opportunity postal cards; if you have not received one, we will mail a duplicate. When this postal is mailed to us with an order for not less than twenty-five (25 lbs.) pounds of the
FUMIGATING KIND TOBACCO POWDER FOR BURNING
we will ship in addition 25 lbs. of BLACK STUFF FINE TOBACCO POWDER FOR DUSTING and One Half pint HASCO LIQUID NICOTINE FOR SPRAYING, total value $1.75

FREE

If Cash with order

Five pounds of the FUMIGATING KIND kills all Aphis in a 100x20 foot house IN ONE NIGHT

FUMIGATING KIND AND BLACK STUFF FINE

$3.00	100 lbs.
$1.75	50 lbs.
$1.00	25 lbs.

HASCO LIQUID NICOTINE

1 gal.	$10.00
½ "	$ 5.25
1 pint	$ 1.35

ON CARS MOUNT VERNON, N. Y.

The H. A. Stoothoff Co.
MOUNT VERNON, N. Y.

Mention The Review when you write.

How the National Insecticide Law Helps the Florists

All nicotine preparations used by florists contain nicotine in the "free" condition; in which form it readily evaporates, especially when subjected to moderate heat. "Free" nicotine is a **definite** chemical compound, and wherever it is found its properties are always the same, no matter by whom it is manufactured. If you could take the **nicotine itself** out of these preparations, this pure "free" nicotine obtained from several different preparations would be identical in every respect, and one part would be just as deadly to insects as any other part.

Under the Insecticide Law, all nicotine preparations sold for insecticidal purposes must contain a label which plainly and correctly states the percentage amount of active ingredients (that is, insecticidal value) the package contains; also the percentage amount of inert (non-active) ingredients.

So, as to the nicotine preparations sold to florists, it is interesting to note that none of the manufacturers make claims on their labels that these preparations contain any substance except **nicotine** as possessing **insecticidal value.** Therefore, when florists purchase these preparations, the only insecticide they are being offered is **nicotine.**

Hence, by comparing the guarantees on the labels of those brands where the percentage of nicotine is stated, you can readily determine which brand to buy to obtain the most nicotine for your money; and, remember, if the labels do not plainly give you this information, you have a perfect right to insist that your dealer or the manufacturer inform you.

So, as "free nicotine" is just as definite a substance as is gold, the price you pay does not change the **quality** of the nicotine you buy any more than if you paid two different prices for two pure gold rings of equal size and weight. The only difference in these preparations of "free nicotine" depends upon the kind and percentage of the "inert ingredients" the preparations contain — and, of course, as "inert ingredients" merely mean the materials having no insecticidal value, you should pay nothing at all for same.

So, as the inert ingredients have no insecticidal value, it makes no difference to the florists as to what these ingredients are, provided they are not injurious to plants.

Therefore, you will clearly see from the above that in purchasing "free nicotine" you should buy the preparation which yields you the largest quantity—that is, the **most grains**—of nicotine for the money expended.

The labels on the "Nico-Fume" preparations clearly set forth not only the percentage of active and inert ingredients, but also the net weights of the contents and the number of grains of nicotine and also the price. So you can readily figure exactly what you are getting for your money.

Can you buy nicotine as cheaply in any competing preparations? Besides, quantity discounts are allowed as follows by prominent Florist Supply Houses:

"NICO-FUME" LIQUID

¼ pint	$0.50	5 gallons	$ 47.25 (a saving of 10 per cent)
Pint	1.50	10 gallons	89.25 (a saving of 15 per cent)
½ gallon	5.50	20 gallons	168.00 (a saving of 20 per cent)
Gallon	10.50	40 gallons	315.00 (a saving of 25 per cent)

"NICO-FUME" TOBACCO PAPER

Can containing 24 sheets	$ 0.75
Can containing 144 sheets	3.50
Can containing 288 sheets	6.50
6 cans, 288 sheets each	35.10—(a saving of 10 per cent)
12 cans, 288 sheets each	66.30—(a saving of 15 per cent)
24 cans, 288 sheets each	124.80—(a saving of 20 per cent)
48 cans, 288 sheets each	234.00—(a saving of 25 per cent)

Manufactured by

THE KENTUCKY TOBACCO PRODUCT CO.

INCORPORATED

LOUISVILLE, KENTUCKY



MT. GILEAD POTTERY CO., Mt. Gilead, Ohio

Successors to SMITH-THOMAS POTTERY

Manufacturers of CHERRY RED STANDARD POTS of all sizes

Our clay is mined from the old Morrow County Beaver Swamp, which enables us to furnish florists with pots noted for strength, porosity, beauty in color, lightness in weight and smoothness in surface, making them especially adapted to the successful growth of plants.

Our factory is equipped with new and up-to-date machinery. Our capacity is greater and our warehouse full of stock. We are ready to give all orders prompt attention. Give us your order and we will satisfy you.

OUR PRICES WILL INTEREST YOU. PRICE LIST ON APPLICATION

Mention The Review when you write.

EAVE PLATES ON CONCRETE.

When the walls are of concrete or concrete blocks, in greenhouse building, in what manner is it considered best to attach gutters or side plates of cypress to the walls? Providing the work of mixing and preparing the material is done under cover, can the wall making be proceeded with in moderate freezing weather? G. F. B.

When the wall is of grout or concrete, it is often customary to bed anchor irons in it and clamp the gutter or plate down upon it. Another way is to set gas pipe posts, with a flange at the top which can be screwed to the plate, placing the posts six or eight feet apart. If small pipe is used, the posts are generally only one or two feet in length, but it is well, especially in wide houses, to use 2-inch pipe and set it in the ground two or three feet. Sometimes, in small houses, no flanges are used, but the pipes extend an inch or so above the wall and fit into holes bored in the bottom of the plate. In any case, the plates should be bedded upon the wall with cement, and the roof should be supported either by truss rods or posts, so that there will be no lateral thrust.

If cement blocks are used, the wall can be put up in freezing weather, but it should be protected and given a long time to set if laid up of grout.

Stillwater, Minn.—Mr. King, who has charge of the state prison greenhouses, declares that he has added to the fame of the prison by growing mammoth lemons from the hybrid lemon-grapefruit tree. It is said that on one shrub he has nine huge lemons.

Syracuse Red Pots

"A little pot is soon hot"; so is a thin pot. Our pots are much thinner and tougher than others. It's the quality of the clay. Write for our latest price list if you did not get one.

Syracuse Pottery Co.

SYRACUSE, NEW YORK

Mention The Review when you write.



GEO. KELLER & SON

Manufacturers of

RED POTS

Before buying write for prices.

2614-2622 Herndon Street

Near

Wrightwood Ave., CHICAGO, ILL.

Mention The Review when you write.

YOU CAN SECURE

the **Best Flower Pots** made from the **Best Clay** in the **Best Way,** in any quantity, large or small, from

THE WHILLDIN POTTERY CO.

PHILADELPHIA JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.

DON'T FORGET that lilies, hyacinths, tulips, daffodils and freesias are most profitable grown in pots, because salable in two ways.

ALL ORDERS SHIPPED WITHIN TWENTY-FOUR HOURS AFTER RECEIPT

Mention The Review when you write.

For "Pot Luck" Try Us

HEWS STANDARD POTS

POT MAKERS FOR 140 YEARS

World's Largest Manufacturers

Write for Catalogue and Discounts

A. H. HEWS & CO., Inc.

Established 1765

CAMBRIDGE, MASS.

Pearson St., Long Island City, N. Y.

THE FAMOUS IONIA POTS

STRONGEST, LIGHTEST, MOST POROUS.

Packed in strong, hardwood crates. Plenty of straw.

We solved the breakage problem years ago.

We are ready for that order NOW.

IONIA POTTERY CO., - - IONIA, MICH.



All the Clay For Our Florists' Red Pots

Is prepared by passing through a screen 1600 meshes to the square inch. If in a hurry for pots order from us. We can ship over five lines of railroad, by river or interurban. Write for catalogue showing all the articles we make for florists' use.

THE PETERS & REED POTTERY CO., - Zanesville, Ohio

PENNSYLVANIA is the state to get the nice Red Standard Pots, Pans, Azalea Pots, etc., and **NORRISTOWN** is the town where they manufacture them and burn them a nice red color. **Try us** and see if they are not just as cheap, too.

THE KELLER POTTERY CO.

213-223 Pearl St., NORRISTOWN, PA.

RED

Standard Flower Pots

Price list and samples on application.

PADUCAH POTTERY CO., INC.

PADUCAH, KENTUCKY

Standard Red Pots

Price list and samples on application.

We carry a complete line of Florists' pots.

Weis & Schmidt Pottery Co.

MILWAUKEE, WIS.

A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

NEW YORK BELTING AND PACKING CO. LTD

91-93 CHAMBERS ST. NEW YORK

PHILADELPHIA, PA. PITTSBURGH, PA.
CHICAGO, ILL. PORTLAND, ORE. BOSTON, MASS.
ST. LOUIS, MO. SPOKANE, WASH. BUFFALO, N.Y.
INDIANAPOLIS, IND. SAN FRANCISCO, CAL.

Mention The Review when you write.



Sash that pay for themselves

We know of instances where Sunlight Double Glass Sash have grown crops so much earlier and so much better that the extra prices they brought on the early market paid for the glass themselves.

Two layers of glass instead of one

The enclosed dry air space means that the sash are never covered—and the plants get all the light all the time—and this accounts for their rapid growth and sturdiness. Even in zero weather you need not cover Sunlight Double Glass Sash.

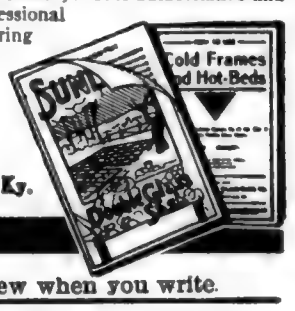
SUNLIGHT Double Glass Sash for Hot-beds and Cold-frames

What one man did

Herman F. Kaiser of Lawrenceburg, Ind., writes: "My Sunlight Sashes were put on hot-beds about February 1st, 1910, and planted to cabbage, lettuce and tomato plants. Seven degrees below zero did no harm and everything has done well in the field."

Send for these books

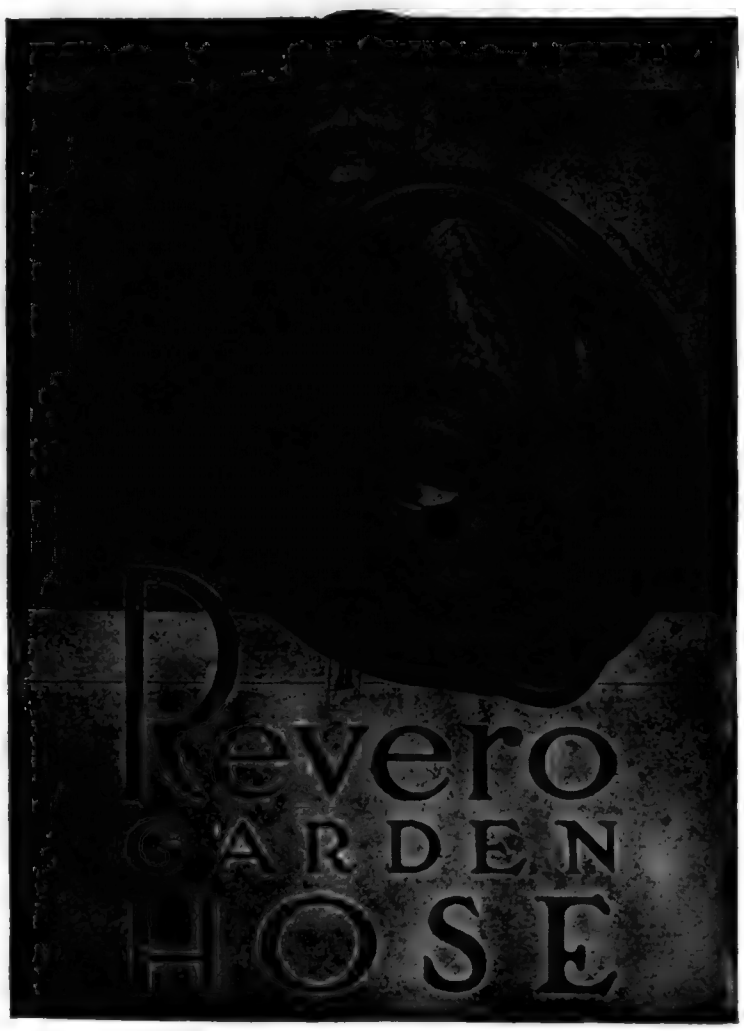
One is our free catalog; the other is a book on hot-beds and cold-frames by Professor Massey. It is authoritative and of vital interest to all professional growers. 4c in stamps will bring Professor Massey's book in addition to the catalog.



Sunlight Double Glass Sash Co.
48 E. Broadway, Louisville, Ky.

Mention The Review when you write.

RED STANDARD POTS Prices per 1000, F. O. B. Harrison
2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80.
Cash must accompany order.
HARRISON POTTERY, Harrison, Ohio
Mention The Review when you write.



Light Strong Flexible

An indestructible moulded Hose for Lawn, Greenhouse, Stable, Garage. Of braided construction, cannot unwrap, kink or burst like old-style wrapped duck construction. Made in continuous lengths up to 500 feet, which gives you any length you want and avoids leaky couplings.

Manufactured by

Revere Rubber Co.

Works: Chelsea, Mass. Providence, R.I.

BRANCHES:
BOSTON, MASS.
New York, Philadelphia, Pittsburg, Chicago, Minneapolis, New Orleans, San Francisco.

Mention The Review when you write.

Kramer's Pot Hanger

For Sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, $1.00 per doz. by express. Sample doz. by mail, $1.25.

I. N. KRAMER & SON, Cedar Rapids, Iowa

FREE
NICOTINE AND TOBACCO POWDER
SEE H. A. STOOTHOFF CO. ADVERTISEMENT ON

Our prices on HAND MADE

GREENHOUSE GLASS

Are always the lowest. Our qualities are the best.
We are MANUFACTURERS. Write us for prices.

THE COLE GLASS CO., Lancaster, Ohio

Mention The Review when you write

ELLIS, MASS.

A call at Peter Fisher's always is interesting. There is a big collection of unnamed carnation seedlings, some of great merit, which in themselves will repay one for a journey. They embrace about every known color of the divine flower. A house 33 x 300 is devoted to Benora, the new variegated variety to be disseminated the coming season. The plants are all headed back to provide cuttings, of which some 25,000 are already in the sand, with orders coming in daily. White Wonder is well liked and will be more heavily grown another season. White Enchantress is largely grown and looks fine, better than White Perfection, which will be dropped another season. Beacon fills the whole bill as a scarlet. Winsor and Winona have been dropped, but some Gloriosa is grown and looks promising.

Gorgeous, another of Mr. Fisher's seedlings, looms above all other varieties. It is being carefully selected, no cuttings being taken from such as do not show plenty of flowering stems. Probably Mr. Fisher will introduce this in 1913.

A marked difference was noted between the early and late planted stock of all kinds. Mr. Fisher prefers, when lifting from the field, to have the soil quite dry. Plants recover much more quickly than when the soil is damp. Pink Delight is heavily grown and flowers with wonderful freedom. Some May Day is retained, but there have been complaints of this not shipping well. The old Enchantress was seen in quantity in splendid condition. Mr. Fisher now sells his entire output of flowers through the Boston Rose Co., Boston.

AUSTIN, TEX.

A review of the local growers leads to the conclusion that our people are becoming specialists. At Mr. Olsson's new plant his greenhouse roses are far better than others in this section. Mr. Hall, of the Hyde Park Floral Co., has a splendid crop of mums; he is cutting and shipping fine stock and can not fill all orders.

Mrs. A. J. Seiders has the carnation business easily in the lead. Several persons who have been out over the state say she has the best stock they have seen. Her home-grown plants are much better than the eastern-grown plants she has benched.

Outdoor roses are blooming beautifully since cool, damp weather set in.

H. B. B.

S. JACOBS & SONS

1361-1365 Flushing Ave., Brooklyn, N. Y.

Manufacturers and Jobbers in

Greenhouse Construction Material

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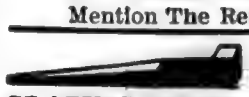
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GLAZING POINTS are Positively the Best. Last Forever. Over 50,000 pounds now in use. A sure preventive of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes, 3/8 and 7/8, 40c per lb.; by mail, 10c extra; 7 lbs. for $2.50; 15 lbs. for $5.00, by express. For sale by the trade. Randolph & McClements, Successors to Chas. T. Siebert. Baum and Beatty Sts., Pittsburg, Pa.

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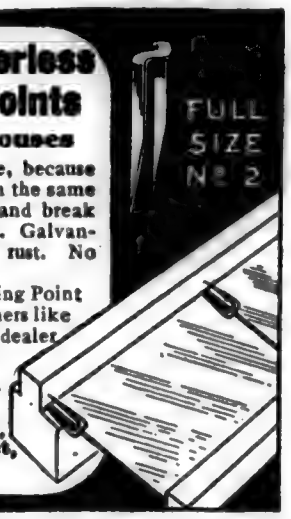
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NOW IS THE TIME TO BUY

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WRITE FOR PRICES

The Toledo Plate & Window Glass Co.

TOLEDO, OHIO

BISMARCK, N. D.

When making a display at the recent fair the Hoskins Floral Co. handed out to visitors at the booth a 16-page illustrated pamphlet descriptive of the greenhouses and of the uses of flowers. It proved an exceptionally timely piece of advertising. The title was: "A Brief History of the Commencement and Growth of the Hoskins Floral Co., With a Few Suggestions Concerning Flowers, Plants, Bulbs and Gardening Material, and the Appropriate Use of the Same." The "history" was:

"In the year 1909 the Hoskins Floral Co., as an experiment, built a small greenhouse. The difficulties were many and expenses high. In the first place, there are few greenhouses, and none of any importance, located where the extremes of temperature are as great, that could be used as a basis of comparison. In spite of many difficulties, we started. The quality of the stock produced was so fine that the demand soon exceeded the supply.

"In 1910 our trade for home grown stock was such that we decided to erect additional houses. A rose house, 32x140, a carnation house the same size, and a violet house, 20x140, were added; the heating system enlarged and many other improvements made. These new houses enabled us to supply the demand for a short time only, as people found that flowers grown at home and freshly cut were so far ahead of stock shipped in that there was no comparison.

"In 1911, therefore, we have added another carnation house, 32x140, and a fern house, 20x140; have changed our heating system from hot water to steam; built a smokestack sixty-five feet high; enlarged our coal storage to a capacity of 500 tons, and made the plant the largest and best equipped west of the Twin Cities. In those cities there is nothing better; merely larger capacity.

"The present season we expect to produce the following main items. Carnations, 400,000; roses, 125,000; chrysanthemums, 12,000; violets, 90,000; Easter lilies, 20,000, besides many thousands of bulb stock, such as tulips, narcissi, daffodils, jonquils, lilies of the valley, hyacinths, etc.

"A few items culled at random may interest you. One of our heating boilers weighs twelve tons; we have seven miles of steam piping in the plant; our glass comes by the carload; our bulbs are imported direct from Holland by ourselves; it takes a 2-inch pipe from the city plant to supply moisture; some of our thermometers cost $50 each.



Evans' Improved Challenge Ventilating Apparatus

Write for illustrated catalogue.

Quaker City Machine Works
RICHMOND, IND.

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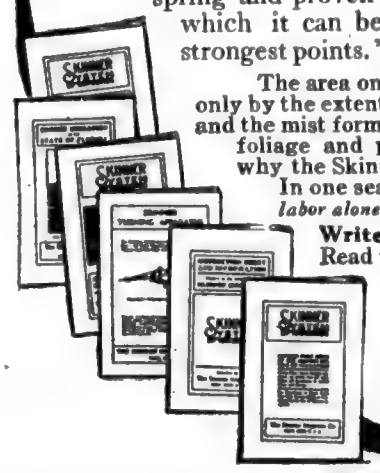
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"Nothing Compared To It"

Read what Mr. Earle of the Burpee Company said:

"The benefit the Sweet Peas are deriving from the Skinner System of Irrigation is inestimable. It has *saved a crop* this spring and proven to be of the greatest value. The ease with which it can be *adapted* to *all requirements* is one of its strongest points."



The area one man can water with the Skinner System is limited only by the extent of the installation. By its uniformity of distribution and the mist form in which the water descends, it prevents bruising of foliage and preserves the soil. This is one of the chief reasons why the Skinner produces such fine crops—larger—earlier—surer.

In one season the Skinner System will save you enough in *labor alone* to pay for itself.

Write today for our six books on irrigation. Read what prominent florists all over the country say about this wonderful new invention. Don't delay. Address

The Skinner Irrigation Co.
Dept. H, Troy, Ohio

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King Greenhouses

WHY?

They are truly economical, being strong, lasting and easy to maintain. They are scientifically designed to stand all the strains in a greenhouse.

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To Tell All the Good Points of Our Construction

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MANUFACTURERS OF
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CONCRETE BENCH MOULDS AND GREENHOUSE APPLIANCES

THE AUTUMN FLOWER SHOWS

MILWAUKEE.

A Splendid Show.

The third annual exhibition of the Milwaukee Florists' Club, which opened Wednesday, November 15, and ran through Sunday, November 19, was as fine a flower show as one would wish to see. It probably ranks as the largest and most successful show of the year. There were ninety-two classes and practically every one of them brought out competition. The arrangement scarcely could have been improved upon, and the average quality of the stock was right up to the top notch. Of course Milwaukee, like all western cities, is without the big, many-flowered chrysanthemum plants, for these are not to be seen except at the eastern exhibitions where the millionaires' gardeners compete, but when it comes to well finished cut blooms the Famous City takes no back seat; nor does it for its roses or carnations.

The new Auditorium is ideal for flower show purposes. Large enough, yet not too large; modern in arrangement and equipment, it affords every facility for the expeditious handling of exhibits and crowds—only the latter were not so large as would have been liked. The management was in the hands of an executive committee headed by H. V. Hunkel, president of the club, and composed of C. C. Pollworth, J. G. Heitman, W. Zimmermann, Arthur Leidiger, C. Dallwig, A. F. Kellner and Nic Zweifel. The setting for the show was planned by Mr. Kellner and the sodding on the concrete floor was put down under his direction. Overhead was a canopy of lycopodium roping. The grouping, with the elevated band stand and the flower booth in the center, made a delightful picture.

The Retailers' Exhibits.

The retail florists did splendidly. The management set aside $250 to be divided among them, not as compensation, for it would be inadequate for that, but as an evidence of appreciation—and eight exhibitors responded. Each one maintained a table during the five days of the show, most of them making daily changes and employing all the accessories that go to make these displays about the most attractive feature of the shows so far as the flower buyers are concerned. With eight tables and daily changes, all the fine flowers of the season came into use. The work was good, in every instance; in most instances it was excellent. The retailers exhibiting were: Walter M. Maas & Co., E. Welke Co., Currie Bros. Co., J. M. Fox & Son, M. A. McKenney Co., Wm. C. Zimmermann, Charles Dettman & Sons and Edlefsen-Leidiger Co.

The Roses.

From the point of view of the trade, probably the chief interest centered in the roses, which were staged Friday, November 17. The novelties came in for their share of attention. They included Sunburst, from E. G. Hill Co., and Double White Killarney and Killarney Queen, from A. N. Pierson. The contest, however, was for the Beauty premiums. There were four splendid vases of 100 blooms each, so closely matched that, though many tried, few of those who know roses were able to guess the order in which the judges would place the ribbons. In the end, Holton & Hunkel Co. won out, followed by Bassett & Washburn, Poehlmann Bros. Co. and A. F. Amling Co., in the order named. The Amling Beauties were a little too open, the Poehlmann flowers a little too tight. The Holton & Hunkel roses all were in exactly the right condition and the exhibitors from out of town found they had real competition on their hands in every class where the Milwaukee flowers were entered. The judges were Emil Buettner, of Park Ridge, Ill.; J. E. Matthewson, of Sheboygan, Wis., and Otto Speidel, of Oconomowoc. The awards on roses were as follows:

Fifty Beauties—Holton & Hunkel Co., Milwaukee, first; Bassett & Washburn, Chicago, second; Poehlmann Bros. Co., Chicago, third; A. F. Amling Co., Maywood, Ill., fourth.

One hundred White Killarney—Holton & Hunkel Co., first; Poehlmann Bros. Co., second.

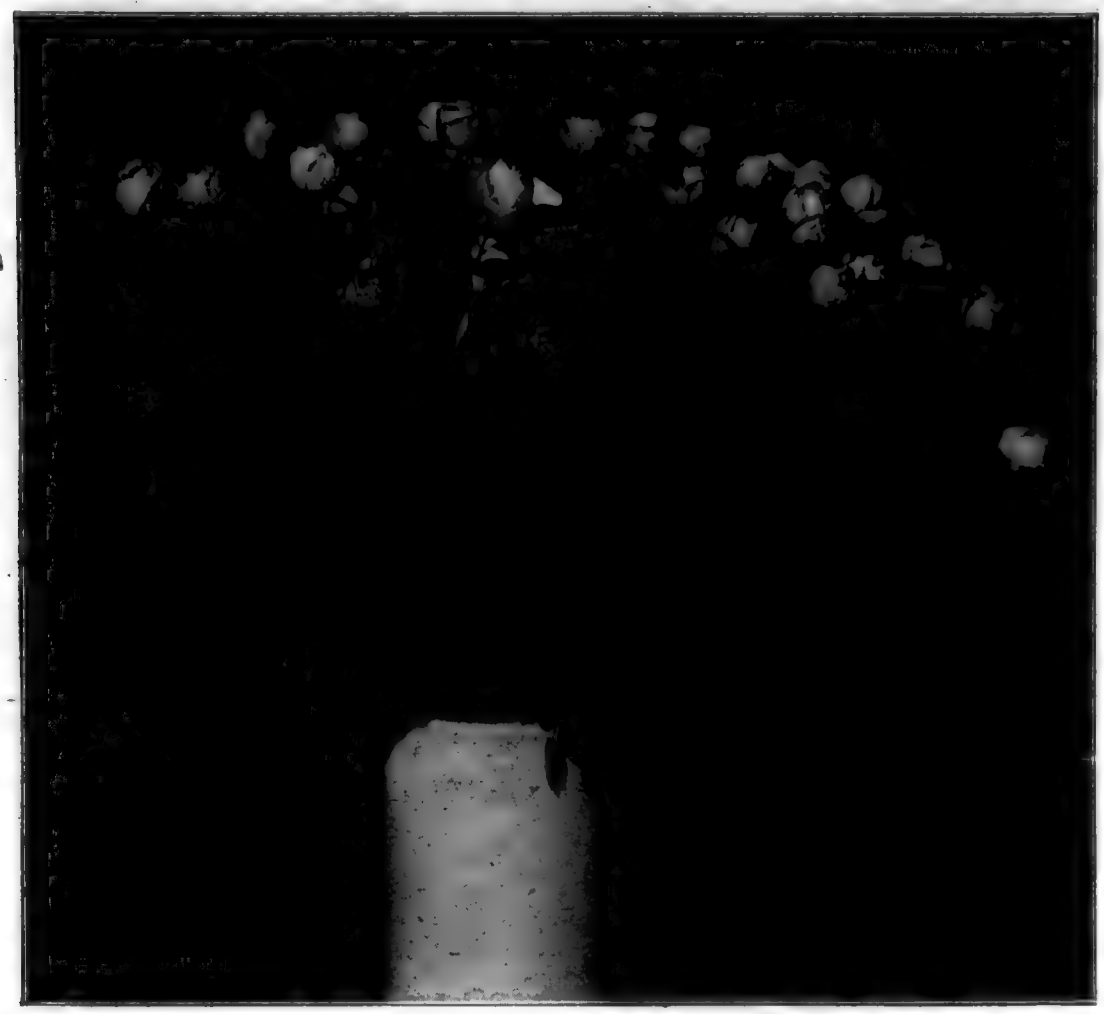
One hundred Killarney—Poehlmann Bros. Co., first; Holton & Hunkel Co., second.

Fifty Richmond—Holton & Hunkel Co., first; Poehlmann Bros. Co., second.

Fifty Killarney—Poehlmann Bros. Co., first;



A General View of the Milwaukee Flower Show November 15 to 19, 1911.



Prize Beauties of Poehlmann Bros. Co., at Milwaukee.

Holton & Hunkel Co., second; Adam Zender, Rogers Park, Ill., third.

Fifty Yellow—Holton & Hunkel Co., first; Poehlmann Bros. Co., second; both on Mrs. Aaron Ward.

Fifty any other variety—Bassett & Washburn, first, on Rhea Reid; Poehlmann Bros. Co., second, on My Maryland; Holton & Hunkel Co., third, on Maryland.

Fifty White Killarney—Holton & Hunkel Co., first; Poehlmann Bros. Co., second; Adam Zender, third.

Twenty-five Richmond—Holton & Hunkel Co., first; Poehlmann Bros. Co., second; C. C. Pollworth Co., third.

Twenty-five White Killarney—Poehlmann Bros. Co., first; Holton & Hunkel Co., second; C. C. Pollworth Co., third.

Twenty-five Killarney—Poehlmann Bros. Co., first; Holton & Hunkel Co., second.

Twenty-five yellow—Poehlmann Bros. Co., first, on Mrs. Ward; C. C. Pollworth Co., second, on Mrs. Ward.

Twenty-five any other variety—Holton & Hunkel Co., first, on My Maryland; Poehlmann Bros. Co., second, on Maryland.

The Carnations.

The carnations preceded the roses by one day, being staged November 16. The quality of the stock was something notable, there being absolutely not one poor vase in the several dozens shown. The average quality was what one would expect of February rather than November. White Wonder was head and shoulders above the other whites. Gloriosa showed up well and apparently Enchantress, though still the most largely grown variety, has a rival here. Bonfire was fine, but Beacon and Victory are the standard reds at Milwaukee. C. C. Pollworth Co. showed a red seedling that stood up so boldly that its owners are encouraged to go ahead working up stock. The Chicago Carnation Co., Joliet, had the misfortune to have its flowers heat in transit, but nevertheless received six awards. Other growers who staged first-class stock were: Nic Zweifel, Burlington Floral Co., Manke Bros., Mueller & Schroeder Co., C. C. Pollworth Co., Northwestern Floral Co., Mount Greenwood Cemetery Association, Poehlmann Bros. Co. and Paul E. Weiss.

The awards for carnations were as follows:

One hundred blooms white—Nic Zweifel, North Milwaukee, Wis., first; C. C. Pollworth Co., Milwaukee, second; Burlington Floral Co., Burlington, Wis., third.

One hundred light pink—Nic Zweifel, first; Manke Bros., North Milwaukee, Wis., second; Mueller & Schroeder Co., Milwaukee, third.

One hundred Winsor shade—Burlington Floral Co., first; Chicago Carnation Co., Joliet, Ill., second; C. C. Pollworth Co., third.

One hundred dark pink—C. C. Pollworth Co., first; Poehlmann Bros. Co., Chicago, second; Chicago Carnation Co., third.

One hundred red—Nic Zweifel, first; C. C. Pollworth Co., second; Manke Bros., third.

Sweepstakes for best vase of blooms in the classes for 100—Nic Zweifel, silver cup.

Fifty White Perfection—Burlington Floral Co., first; Manke Bros., second; Nic Zweifel, third.

Fifty White Enchantress—C. C. Pollworth Co., first; Manke Bros., second; Burlington Floral Co., third.

Fifty any other white—C. C. Pollworth Co., first, Mt. Greenwood Cemetery Association, Morgan Park, Ill., second; Nic Zweifel, third.

Fifty Victory—Nic Zweifel, first; Poehlmann Bros. Co., second; Chicago Carnation Co., third.

Fifty Beacon—Manke Bros., first; C. C. Pollworth Co., second; Nic Zweifel, third.

Fifty any other red—Nic Zweifel, first, on Bonfire; C. C. Pollworth Co., second; Mount Greenwood Cemetery Association, third.

Fifty O. P. Bassett—Mueller & Schroeder Co., first.

Fifty Enchantress—Manke Bros., first; Nic Zweifel, second; Mueller & Schroeder Co., third.

Fifty Winsor—Nic Zweifel, first; Northwestern Floral Co., Grosse Point, Ill., second; Herman Staeps, Elm Grove, Wis., third.

Fifty any other pink—Poehlmann Bros. Co., first; C. C. Pollworth Co., second; Burlington Floral Co., third.

Fifty crimson—Mount Greenwood Cemetery Association, first.

Fifty white, introduction of 1911—Nic Zweifel, first; Chicago Carnation Co., third, both showing White Wonder.

Fifty Winsor shade, introduction 1911—Mount Greenwood Cemetery Association, first; Chicago Carnation Co., second, both showing Gloriosa.

Fifty dark pink, introduction 1911—Manke Bros., first; Chicago Carnation Co., second, on Washington.

Fifty red, introduction 1911—Nic Zweifel, first, on Bonfire.

Certificates of merit for novelties—Two to Chicago Carnation Co., its seedlings; to W. T. Symonds, Decorah, Ia., for seedling No. 7.

Chrysanthemum Cut Blooms.

Not often does one see better finished cut blooms of chrysanthemums than were staged at Milwaukee. For instance, in the class for forty white there were three splendid vases of Eaton, C. C. Pollworth Co., Poehlmann Bros. Co. and E. G. Hill Co. winning in the order named. Pollworth had a grand lot of Golden Wedding, but the judges placed it second to Poehlmann's Chadwick in the class for forty blooms of any variety. Elmer D. Smith had a splendid vase of Enguehard, defeating Hill's Wells' Late Pink.

The only novelty in mums, aside from a Mount Greenwood seedling, was Chadwick Supreme, from A. N. Pierson. The strong point about this variety is that it comes in after all the other pinks are gone, when it sells better than the finest pinks do earlier.

The following were the awards on cut blooms of chrysanthemums:

Forty blooms, any variety, any color—Poehlmann Bros. Co., Chicago, first, with Chadwick; C. C. Pollworth Co., Milwaukee, second, with Golden Wedding; E. G. Hill Co., Richmond, Ind., third, with Bonnaffon.

Forty blooms, white—C. C. Pollworth Co., first, with Eaton; Poehlmann Bros. Co., second, with Eaton; E. G. Hill Co., third, also with Eaton.

Forty blooms, pink—Elmer D. Smith & Co., Adrian, Mich., first, with Dr. Enguehard; E. G. Hill Co., second, with Wells' Late Pink; Mt.



View Down One Side of the Milwaukee Flower Show.



A General View of the Milwaukee Flower Show, November 15 to 19, 1911

Greenwood Cemetery Association, Morgan Park, Ill., third.

Forty blooms, yellow—Poehlmann Bros. Co., first, with Golden Chadwick; E. G. Hill Co., second, with Golden Eagle; C. C. Pollworth Co., third, with Golden Wedding.

Twenty blooms, white—C. C. Pollworth Co., first, with Lynnwood Hall; E. G. Hill Co., second, with Chadwick Improved; Burlington Floral Co., Burlington, Wis., third, with Eaton; Mount Greenwood Cemetery Association, fourth, with Seedling No. 2.

Twenty blooms, pink—Poehlmann Bros. Co., first, with Maud Dean; Herman Schwan, Milwaukee, second, with Balfour; Herman Staeps, Elm Grove, Wis., third, with Maud Dean; E. G. Hill Co., fourth, with Miriam Hankey.

Twenty blooms, yellow—C. C. Pollworth Co., first, with Golden Wedding; Herman Staeps, second, with Golden Wedding; E. G. Hill Co., third, with Yellow Eaton; Mount Greenwood Cemetery Association, fourth, with Golden Eagle.

Twenty blooms, any other color—C. C. Pollworth Co., first, with Glen View; E. G. Hill Co., second, with Glen View; Elmer D. Smith & Co., third, with Glen View.

Twelve blooms, yellow—C. C. Pollworth Co., first, with Golden Chadwick; Elmer D. Smith & Co., second; E. G. Hill Co., third, with Golden Chadwick.

Twelve blooms, pink—Elmer D. Smith & Co., first, with Dr. Enguehard; Mount Greenwood Cemetery Association, second, with Dr. Enguehard; C. C. Pollworth Co., third, with Maud Dean.

Twelve blooms, white—C. C. Pollworth Co., first, with Chadwick Improved; Elmer D. Smith & Co., second, with Naomah; Mount Greenwood Cemetery Association, third, with Seedling No. 2.

Twelve blooms, any other color—C. C. Pollworth Co., first, with Glen View; E. G. Hill Co., second, with Glen View.

Twenty varieties, one of each—C. C. Pollworth Co., first; E. G. Hill Co., second; Elmer D. Smith & Co., third.

Collection anemone varieties—Fox Point Floral Co., Milwaukee, first; E. G. Hill Co., second.

Collection pompon varieties—E. G. Hill Co., first; Hartje & Elder, Indianapolis, second.

Collection single varieties—E. G. Hill Co., first; James Livingston, gardener for Fred Vogel, Jr., Milwaukee, second.

Miscellaneous Cut Flowers.

There were superb Marie Louise violets from Watertown, Wis., and the Easter lilies were so uniformly good that the best the judges could do was to split the money equally between the four exhibitors. Fine antirrhinum also was shown and the valley was excellent, although not well staged. The awards for miscellaneous cut flowers were as follows:

Orchids—James Livingston, Milwaukee, first.

Double violets—Loeffler & Benke, Watertown, Wis., first; Albert Loeffler, Watertown, second; Charles Oehlenschlaeger, Oconomowoc, Wis., third.

Lily of the valley—Poehlmann Bros. Co., Chicago, first; Holton & Hunkel Co., Milwaukee, second; C. C. Pollworth Co., Milwaukee, third.

Fifty Easter lilies—Premium divided equally between Holton & Hunkel Co., C. C. Pollworth Co., the Mitchell Street Greenhouses and Ben Gregory.

Antirrhinum—Mueller & Schroeder Co., Milwaukee, first; Gus Pohl, Milwaukee, second.

Chrysanthemum Plants.

On chrysanthemum plants C. C. Pollworth Co. was the principal exhibitor, although some good plants came from Vaughan's Greenhouses, Western Springs, Ill. Good groups were staged by Plocienniczak Bros., John C. Rost and Edlefsen-Leidiger Co. The following were the awards:

Specimen plant, white—Vaughan's Seed Store, Chicago, first; C. C. Pollworth Co., Milwaukee, second.

Specimen plant, Pink—Vaughan's Seed Store, first; C. C. Pollworth Co., second; Otto Eggebrecht, Milwaukee, third.

Specimen plant, yellow—C. C. Pollworth Co., first; Vaughan's Seed Store, second.

Specimen plant, any other color—Vaughan's Seed Store, first; C. C. Pollworth Co., second.

Specimen plant, single variety—Vaughan's Seed Store, first; C. C. Pollworth Co., second; Ernst Praefke, Milwaukee, third.

Specimen plant, anemone—Vaughan's Seed Store, first; C. C. Pollworth Co., second.

Specimen standard—C. C. Pollworth Co., second.

Twenty-five single stems—C. C. Pollworth Co., second.

Group arranged for effect, to cover 150 feet—C. C. Pollworth Co., first; Plocienniczak Bros., the Mitchell Street Floral Co., Milwaukee, second; John C. Rost, Milwaukee, third; Edlefsen-Leidiger Co., Milwaukee, fourth.

Three specimen standards—C. C. Pollworth Co., first; Vaughan's Seed Store, second.

Miscellaneous Plants.

This was purely a florists' flower show and it was stronger in miscellaneous plants than in any other feature. Hardly ever is there so comprehensive a showing of the kind of plants the visitor can find on sale in any flower store. The palms and ferns were fine commercial stock and the displays were all local except three groups from Henry A. Dreer, Inc., Philadelphia, one of araucarias, one of Phœnix Roebelenii and one of Cocos Weddelliana, the latter two including all sizes. There were groups of palms from five exhibitors, including Holton & Hunkel Co., Edlefsen-Leidiger Co., Currie Bros. Co., A. F. Kellner Co. and Jacob Freytag. Groups of ferns were even more numerous and included some specially well arranged lots of Boston and its sports from Pollworth and Holton & Hunkel and some excellent Cibotium Schiedei from Currie Bros. Co. Groups of araucarias were shown by Pollworth, Holton & Hunkel, Edlefsen-Leidiger, Currie and Jacob Freytag.

In flowering plants, geraniums were particularly well shown; Heitman & Baerman, Plocienniczak Bros., Walter H. Hummel & Co., Thomas Griebler and Otto H. Eggebrecht all had good groups. There were three good lots of cyclamens, from Carl Meier, Fox Point Floral Co. and Charles Kitzerow. Begonias were notably numerous. J. E. Matthewson, Sheboygan, included La Patrie in his lot, but all the others were Lorraine type. The exhibitors included J. A. Peterson, Cincinnati, Fred Vogel, Jr., C. C. Pollworth Co., Jacob Freytag and Plocienniczak Bros.

The following were the awards on palms, ferns and miscellaneous plants:

Boston fern—Holton & Hunkel Co., Milwaukee, first; C. C. Pollworth Co., Milwaukee, second.

Sport of Boston—C. C. Pollworth Co., first; Edlefsen-Leidiger Co., Milwaukee, second; A. Dettmann & Son, Milwaukee, third.

Six Cibotium Schiedei—Currie Bros. Co., Milwaukee, first; C. C. Pollworth Co., second.

Collection of ferns, fifteen varieties—August F. Kellner Co., Milwaukee, first; C. C. Pollworth Co., second.

Group of Bostons, 150 square feet—Holton & Hunkel Co., first; C. C. Pollworth Co., second.

Group sports of Boston—C. C. Pollworth Co., first.

Group of palms to cover 150 square feet—Holton & Hunkel Co., first; Edlefsen-Leidiger Co., second; August F. Kellner Co., third; Currie Bros. Co., fourth.

Group decorative plants, 200 square feet,



Prize Beauties of Poehlmann Bros. Co., at Milwaukee.

Holton & Hunkel Co., second; Adam Zender, Rogers Park, Ill., third.

Fifty Yellow—Holton & Hunkel Co., first; Poehlmann Bros. Co., second; both on Mrs. Aaron Ward.

Fifty any other variety—Bassett & Washburn, first, on Rhea Reid; Poehlmann Bros. Co., second, on My Maryland; Holton & Hunkel Co., third, on Maryland.

Fifty White Killarney—Holton & Hunkel Co., first; Poehlmann Bros. Co., second; Adam Zender, third.

Twenty-five Richmond—Holton & Hunkel Co., first; Poehlmann Bros. Co., second; C. C. Pollworth Co., third.

Twenty-five White Killarney—Poehlmann Bros. Co., first; Holton & Hunkel Co., second; C. C. Pollworth Co., third.

Twenty-five Killarney—Poehlmann Bros. Co., first; Holton & Hunkel Co., second.

Twenty-five yellow—Poehlmann Bros. Co., first, on Mrs. Ward; C. C. Pollworth Co., second, on Mrs. Ward.

Twenty-five any other variety—Holton & Hunkel Co., first, on My Maryland; Poehlmann Bros. Co., second, on Maryland.

The Carnations.

The carnations preceded the roses by one day, being staged November 16. The quality of the stock was something notable, there being absolutely not one poor vase in the several dozens shown. The average quality was what one would expect of February rather than November. White Wonder was head and shoulders above the other whites. Gloriosa showed up well and apparently Enchantress, though still the most largely grown variety, has a rival here. Bonfire was fine, but Beacon and Victory are the standard reds at Milwaukee. C. C. Pollworth Co. showed a red seedling that stood up so boldly that its owners are encouraged to go ahead working up stock. The Chicago Carnation Co., Joliet, had the misfortune to have its flowers heat in transit, but nevertheless received six awards. Other growers who staged first-class stock were: Nic Zweifel, Burlington Floral Co., Manke Bros., Mueller & Schroeder Co., C. C. Pollworth Co., Northwestern Floral Co., Mount Greenwood Cemetery Association, Poehlmann Bros. Co. and Paul E. Weiss.

The awards for carnations were as follows:

One hundred blooms white—Nic Zweifel, North Milwaukee, Wis., first; C. C. Pollworth Co., Milwaukee, second; Burlington Floral Co., Burlington, Wis., third.

One hundred light pink—Nic Zweifel, first; Manke Bros., North Milwaukee, Wis., second; Mueller & Schroeder Co., Milwaukee, third.

One hundred Winsor shade—Burlington Floral Co., first; Chicago Carnation Co., Joliet, Ill., second; C. C. Pollworth Co., third.

One hundred dark pink—C. C. Pollworth Co., first; Poehlmann Bros. Co., Chicago, second; Chicago Carnation Co., third.

One hundred red—Nic Zweifel, first; C. C. Pollworth Co., second; Manke Bros., third.

Sweepstakes for best vase of blooms in the classes for 100—Nic Zweifel, silver cup.

Fifty White Perfection—Burlington Floral Co., first; Manke Bros., second; Nic Zweifel, third.

Fifty White Enchantress—C. C. Pollworth Co., first; Manke Bros., second; Burlington Floral Co., third.

Fifty any other white—C. C. Pollworth Co., first, Mt. Greenwood Cemetery Association, Morgan Park, Ill., second; Nic Zweifel, third.

Fifty Victory—Nic Zweifel, first; Poehlmann Bros. Co., second; Chicago Carnation Co., third.

Fifty Beacon—Manke Bros., first; C. C. Pollworth Co., second; Nic Zweifel, third.

Fifty any other red—Nic Zweifel, first, on Bonfire; C. C. Pollworth Co., second; Mount Greenwood Cemetery Association, third.

Fifty O. P. Bassett—Mueller & Schroeder Co., first.

Fifty Enchantress—Manke Bros., first; Nic Zweifel, second; Mueller & Schroeder Co., third.

Fifty Winsor—Nic Zweifel, first; Northwestern Floral Co., Grosse Point, Ill., second; Herman Staeps, Elm Grove, Wis., third.

Fifty any other pink—Poehlmann Bros. Co., first; C. C. Pollworth Co., second; Burlington Floral Co., third.

Fifty crimson—Mount Greenwood Cemetery Association, first.

Fifty white, introduction of 1911—Nic Zweifel, first; Chicago Carnation Co., third, both showing White Wonder.

Fifty Winsor shade, introduction 1911—Mount Greenwood Cemetery Association, first; Chicago Carnation Co., second, both showing Gloriosa.

Fifty dark pink, introduction 1911—Manke Bros., first; Chicago Carnation Co., second, on Washington.

Fifty red, introduction 1911—Nic Zweifel, first, on Bonfire.

Certificates of merit for novelties—Two to Chicago Carnation Co., its seedlings; to W. T. Symonds, Decorah, Ia., for seedling No. 7.

Chrysanthemum Cut Blooms.

Not often does one see better finished cut blooms of chrysanthemums than were staged at Milwaukee. For instance, in the class for forty white there were three splendid vases of Eaton, C. C. Pollworth Co., Poehlmann Bros. Co. and E. G. Hill Co. winning in the order named. Pollworth had a grand lot of Golden Wedding, but the judges placed it second to Poehlmann's Chadwick in the class for forty blooms of any variety. Elmer D. Smith had a splendid vase of Enguehard, defeating Hill's Wells' Late Pink.

The only novelty in mums, aside from a Mount Greenwood seedling, was Chadwick Supreme, from A. N. Pierson. The strong point about this variety is that it comes in after all the other pinks are gone, when it sells better than the finest pinks do earlier.

The following were the awards on cut blooms of chrysanthemums:

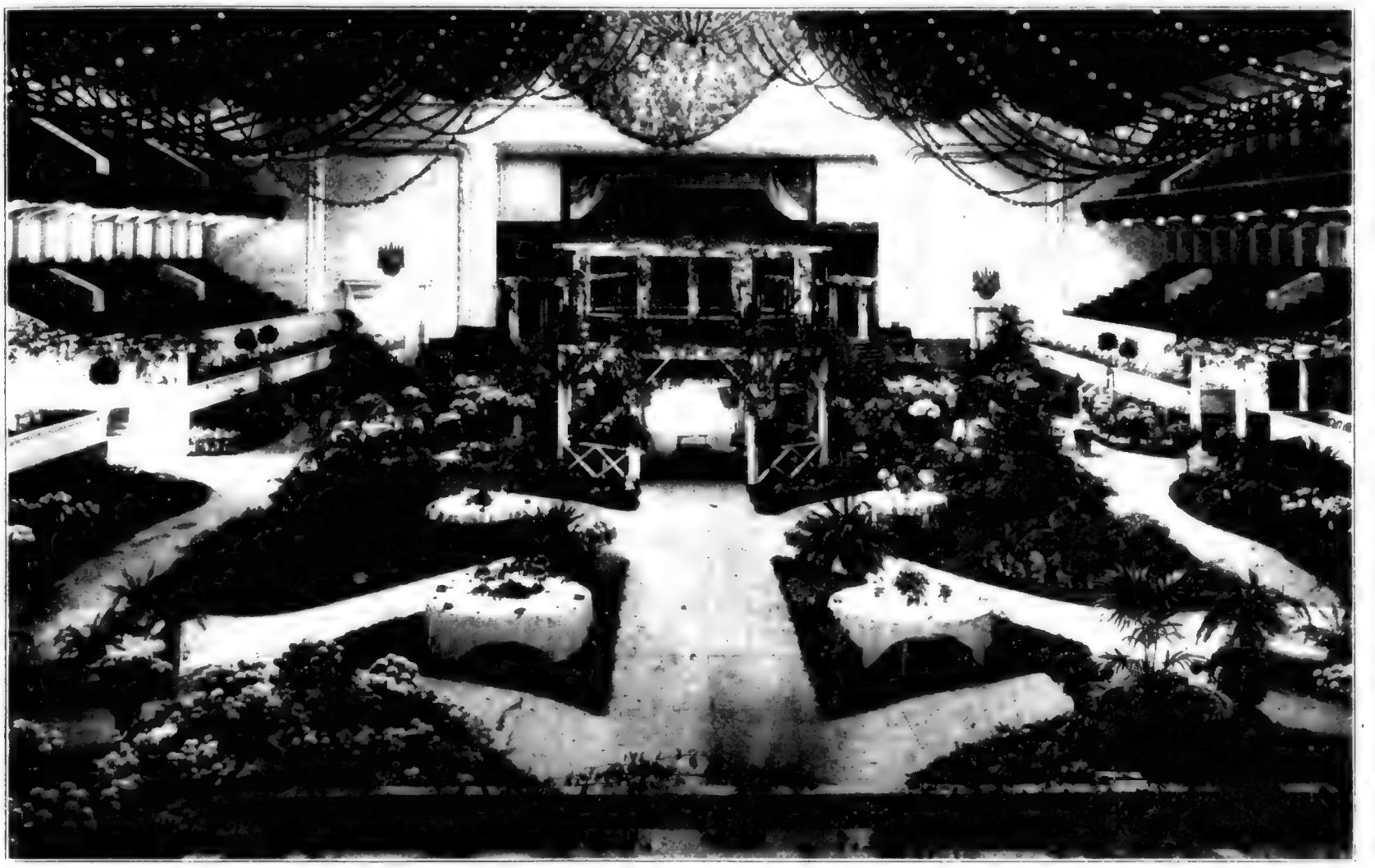
Forty blooms, any variety, any color—Poehlmann Bros. Co., Chicago, first, with Chadwick; C. C. Pollworth Co., Milwaukee, second, with Golden Wedding; E. G. Hill Co., Richmond, Ind., third, with Bonnaffon.

Forty blooms, white—C. C. Pollworth Co., first, with Eaton; Poehlmann Bros. Co., second, with Eaton; E. G. Hill Co., third, also with Eaton.

Forty blooms, pink—Elmer D. Smith & Co., Adrian, Mich., first, with Dr. Enguehard; E. G. Hill Co., second, with Wells' Late Pink; Mt.



View Down One Side of the Milwaukee Flower Show.



A General View of the Milwaukee Flower Show, November 15 to 19, 1911

Greenwood Cemetery Association, Morgan Park, Ill., third.

Forty blooms, yellow—Poehlmann Bros. Co., first, with Golden Chadwick; E. G. Hill Co., second, with Golden Eagle; C. C. Pollworth Co., third, with Golden Wedding.

Twenty blooms, white—C. C. Pollworth Co., first, with Lynnwood Hall; E. G. Hill Co., second, with Chadwick Improved; Burlington Floral Co., Burlington, Wis., third, with Eaton; Mount Greenwood Cemetery Association, fourth, with Seedling No. 2.

Twenty blooms, pink—Poehlmann Bros. Co., first, with Maud Dean; Herman Schwan, Milwaukee, second, with Balfour; Herman Staeps, Elm Grove, Wis., third, with Maud Dean; E. G. Hill Co., fourth, with Miriam Hankey.

Twenty blooms, yellow—C. C. Pollworth Co., first, with Golden Wedding; Herman Staeps, second, with Golden Wedding; E. G. Hill Co., third, with Yellow Eaton; Mount Greenwood Cemetery Association, fourth, with Golden Eagle.

Twenty blooms, any other color—C. C. Pollworth Co., first, with Glen View; E. G. Hill Co., second, with Glen View; Elmer D. Smith & Co., third, with Glen View.

Twelve blooms, yellow—C. C. Pollworth Co., first, with Golden Chadwick; Elmer D. Smith & Co., second; E. G. Hill Co., third, with Golden Chadwick.

Twelve blooms, pink—Elmer D. Smith & Co., first, with Dr. Enguehard; Mount Greenwood Cemetery Association, second, with Dr. Enguehard; C. C. Pollworth Co., third, with Maud Dean.

Twelve blooms, white—C. C. Pollworth Co., first, with Chadwick Improved; Elmer D. Smith & Co., second, with Naomah; Mount Greenwood Cemetery Association, third, with Seedling No. 2.

Twelve blooms, any other color—C. C. Pollworth Co., first, with Glen View; E. G. Hill Co., second, with Glen View.

Twenty varieties, one of each—C. C. Pollworth Co., first; E. G. Hill Co., second; Elmer D. Smith & Co., third.

Collection anemone varieties—Fox Point Floral Co., Milwaukee, first; E. G. Hill Co., second.

Collection pompon varieties—E. G. Hill Co., first; Hartje & Elder, Indianapolis, second.

Collection single varieties—E. G. Hill Co., first; James Livingston, gardener for Fred Vogel, Jr., Milwaukee, second.

Miscellaneous Cut Flowers.

There were superb Marie Louise violets from Watertown, Wis., and the Easter lilies were so uniformly good that the best the judges could do was to split the money equally between the four exhibitors. Fine antirrhinum also was shown and the valley was excellent, although not well staged. The awards for miscellaneous cut flowers were as follows:

Orchids—James Livingston, Milwaukee, first.

Double violets—Loeffler & Benke, Watertown, Wis., first; Albert Loeffler, Watertown, second; Charles Oehlenschlaeger, Oconomowoc, Wis., third.

Lily of the valley—Poehlmann Bros. Co., Chicago, first; Holton & Hunkel Co., Milwaukee, second; C. C. Pollworth Co., Milwaukee, third.

Fifty Easter lilies—Premium divided equally between Holton & Hunkel Co., C. C. Pollworth Co., the Mitchell Street Greenhouses and Ben Gregory.

Antirrhinum—Mueller & Schroeder Co., Milwaukee, first; Gus Pohl, Milwaukee, second.

Chrysanthemum Plants.

On chrysanthemum plants C. C. Pollworth Co. was the principal exhibitor, although some good plants came from Vaughan's Greenhouses, Western Springs, Ill. Good groups were staged by Plocienniczak Bros., John C. Rost and Edlefsen-Leidiger Co. The following were the awards:

Specimen plant, white—Vaughan's Seed Store, Chicago, first; C. C. Pollworth Co., Milwaukee, second.

Specimen plant, Pink Vaughan's Seed Store, first; C. C. Pollworth Co., second; Otto Eggebrecht, Milwaukee, third.

Specimen plant, yellow C. C. Pollworth Co., first; Vaughan's Seed Store, second.

Specimen plant, any other color—Vaughan's Seed Store, first; C. C. Pollworth Co., second

Specimen plant, single variety—Vaughan's Seed Store, first; C. C. Pollworth Co., second; Ernst Praefke, Milwaukee, third.

Specimen plant, anemone—Vaughan's Seed Store, first; C. C. Pollworth Co., second.

Specimen standard—C. C. Pollworth Co., second.

Twenty-five single stems—C. C. Pollworth Co., second.

Group arranged for effect, to cover 150 feet—C. C. Pollworth Co., first; Plocienniczak Bros., the Mitchell Street Floral Co., Milwaukee, second; John C. Rost, Milwaukee, third; Edlefsen Leidiger Co., Milwaukee, fourth.

Three specimen standards—C. C. Pollworth Co., first; Vaughan's Seed Store, second.

Miscellaneous Plants.

This was purely a florists' flower show and it was stronger in miscellaneous plants than in any other feature. Hardly ever is there so comprehensive a showing of the kind of plants the visitor can find on sale in any flower store. The palms and ferns were fine commercial stock and the displays were all local except three groups from Henry A. Dreer, Inc., Philadelphia, one of araucarias, one of Phoenix Roebelenii and one of Cocos Weddelliana, the latter two including all sizes. There were groups of palms from five exhibitors, including Holton & Hunkel Co., Edlefsen Leidiger Co., Currie Bros. Co., A. F. Kellner Co. and Jacob Freytag. Groups of ferns were even more numerous and included some specially well arranged lots of Boston and its sports from Pollworth and Holton & Hunkel and some excellent Cibotium Schiedei from Currie Bros. Co. Groups of araucarias were shown by Pollworth, Holton & Hunkel, Edlefsen Leidiger, Currie and Jacob Freytag.

In flowering plants, geraniums were particularly well shown; Heitman & Baerman, Plocienniczak Bros., Walter H. Hummel & Co., Thomas Griebler and Otto H. Eggebrecht all had good groups. There were three good lots of cyclamens, from Carl Meier, Fox Point Floral Co. and Charles Kitzerow. Begonias were notably numerous. J. E. Matthewson, Sheboygan, included La Patrie in his lot, but all the others were Lorraine type. The exhibitors included J. A. Peterson, Cincinnati, Fred Vogel, Jr., C. C. Pollworth Co., Jacob Freytag and Plocienniczak Bros.

The following were the awards on palms, ferns and miscellaneous plants:

Boston fern—Holton & Hunkel Co., Milwaukee, first; C. C. Pollworth Co., Milwaukee, second.

Sport of Boston—C. C. Pollworth Co., first; Edlefsen-Leidiger Co., Milwaukee, second; A. Pettmann & Son, Milwaukee, third.

Six Cibotium Schiedei—Currie Bros. Co., Milwaukee, first; C. C. Pollworth Co., second.

Collection of ferns, fifteen varieties—August F. Kellner Co., Milwaukee, first; C. C. Pollworth Co., second.

Group of Bostons, 150 square feet—Holton & Hunkel Co., first; C. C. Pollworth Co., second.

Group sports of Boston—C. C. Pollworth Co., first.

Group of palms to cover 150 square feet—Holton & Hunkel Co., first; Edlefsen-Leidiger Co., second; August F. Kellner Co., third; Currie Bros. Co., fourth.

Group decorative plants, 200 square feet,

arranged for effect—Edlefsen-Leidiger Co., first; Jacob Freytag, Milwaukee, second; Currie Bros. Co., third; August F. Kellner Co., fourth.

Specimen kentia—Ben Gregory. Many entries but only one premium.

Specimen phoenix—C. C. Pollworth Co., first. Several entries, but only one premium.

Specimen latania—No entry.

Group of araucarias, seventy-five square feet—Edlefsen-Leidiger Co., first; C. C. Pollworth Co., second; Currie Bros. Co., third.

Ten Lorraine begonias or its sports—J. A. Peterson, Cincinnati, first; J. E. Matthewson, Sheboygan, second; C. C. Pollworth Co., third.

Ten Primula obconica—Otto Eggebrecht, Milwaukee, second.

Group of geraniums, twenty-five square feet—Mitchell Street Floral Co., Milwaukee, first; Heitman & Baerman, Milwaukee, second; Otto Eggebrecht, third.

Hanging basket of ferns—C. C. Pollworth Co., first; August F. Kellner Co., second.

Hanging basket of flowering plants—C. C. Pollworth Co., first.

Ten cyclamen—Carl Meier Co., Green Bay, first; Fox Point Floral Co., Milwaukee, second; Charles Kitzerow, Milwaukee, third; J. A. Peterson, Cincinnati, fourth.

Special Awards.

There were a number of fine exhibits for which there was no place in the competitive classes and these the judges recognized by the following special awards:

To A. N. Pierson, Inc., Cromwell, Conn., certificate of merit for Rose Double White Killarney.

To A. N. Pierson, Inc., certificate of merit for Rose Killarney Queen.

Honorable mention to J. E. Matthewson, Sheboygan, Wis., for group of Lorraine, Cincinnati and La Patrie begonias.

Honorable mention to Jacob Freytag, Milwaukee, for group of Bouvardia Humboldtii.

Honorable mention to Fox Point Floral Co., Milwaukee, for group of cyclamen.

Honorable mention to E. G. Hill Co., Richmond, Ind., for vase of Sunburst roses.

Honorable mention to Henry A. Dreer, Inc., Riverton, N. J., for group of Cocos Weddelliana.

Honorable mention to Henry A. Dreer, Inc., for group of Phoenix Robelenii.

Honorable mention to A. N. Pierson, Inc., for vase of Dark Pink Killarney roses.

Honorable mention to A. N. Pierson, Inc., for Chrysanthemum Chadwick Supreme, scored 85 points.

Local Hospitalities.

The Milwaukee Florists' Club invited all the trade visitors to participate in a Bohemian night, Saturday, November 18, at the St. Charles hotel, when about ninety sat down to further the feeling of good fellowship and to listen to good talks from well known men. C. C. Pollworth, as toastmaster, bade all a hearty welcome and assured the guests that the local boys were greatly pleased to have so many trade visitors to the show. George Asmus, president of the S. A. F., as the first speaker, made a strong plea for the support of the society. Richard Vincent, Jr., president-elect of the S. A. F., proved by what he saw and heard during his recent travels abroad that the United States will in a short time rank first in floriculture. P. J. Foley patted the florists on the back by telling what good fellows they are, and asked all to come to Chicago in August, 1912, to the S. A. F. convention. In a few well chosen words W. R. Pierson explained why the florist's business is more of a profession than a trade and therefore should command the respect of the public at large.

President H. E. Philpott, of the Chicago Florists' Club, sprung a complete surprise by presenting President Hunkel, for the Milwaukee Florists' Club, with an ivory gavel ornamented with ribbons and properly inscribed. This was getting even for the silver loving cup the Milwaukeans presented to the Chicago Club last month. Mr. Philpott also urged all to attend the S. A. F. convention in Chicago next year, and promised all a glorious time.

Harry Balsley called attention to the carnation and rose convention which takes place at Detroit in the early part of next year and asked all to come. Others who responded were A. C. Kohlbrand and John P. Degnan. After singing "Auld Lang Syne" the party left the hotel in a very cheerful mood.

E. O.

The Trade Visitors.

Of the trade visitors the following were noted:

Adams, Clark E., Racine, Wis.
Amerpohl, Edward, Janesville, Wis.
Amling, Albert F., and wife, Maywood, Ill.
Amling, Otto H., Maywood, Ill.
Amling, Paul, Maywood, Ill.
Amling, W. H., and wife, Maywood, Ill.
Asmus, Geo., Chicago.
Balsley, Harry, Detroit.
Barker, M., Chicago.
Benson, Andrew C., Hinsdale, Ill.
Bliese, Fred W., Waukesha, Wis.
Boulter, E., Winnetka, Ill.
Buettner, Emil, Park Ridge, Ill.
Clapp, H. E., Ripon, Wis.
Craig, W. P., Philadelphia.
Degnan, John, Chicago.
Dietsch, Alfred, Chicago.
Dinkel, George J., Springfield, Ill.
Evans, John A., Richmond, Ind.
Everett, E., Madison, Wis.
Fink, Mike, Chicago.
Foley, P. J., Chicago.
French, Guy, Morton Grove, Ill.
Fugleberg, Carl F., Oshkosh, Wis.
Fuisinger, Mrs. A., Racine, Wis.
Goldenstein, Ed., Chicago.
Greivelding, N., Merrill, Wis.
Hartshorn, Wm., Joliet, Ill.
Hartung, L., Two Rivers, Wis.
Hefke, Theo., Merrill, Wis.
Hinchliffe, Mrs. J., Racine, Wis.
Hinks, T., Hubbards Woods, Ill.
Howard, H. B., and wife, Chicago.
Jekes, Herman, Lake Geneva, Wis.
Johnson, C. W., Morgan Park, Ill.
Jones, J. E., Richmond, Ind.
Jung, L. C., Randolph, Wis.
Karins, J. J., Philadelphia.
Keimel, W. J., Elmhurst, Ill.
Kesting, Fred C., West Bend, Wis.
Klavacek, Frank, Gross Point, Ill.
Klehm, Henry C., Arlington Heights, Ill.
Kohlbrand, A. C., Chicago.
Kuehne, F. R., Lake Geneva, Wis.
Kurowski, E. F., Chicago.
Lautenschlager, F., Chicago.
Lehmann, Al., Chicago.
Lindsay, Richard, Oconomowoc, Wis.
Loeffler, Albert, Watertown, Wis.
Lord, Lewis P., Minneapolis, Minn.
McKee, P. L., Chicago.
Mann, Earl R., Richmond, Ind.
Mann, Matt., Chicago.
Mathias, F. W., Chicago.
Matthewson, J. E., Sheboygan, Wis.
Menecke, Arthur, Janesville, Wis.
Michelsen, John, Chicago.
Miller, A., Chicago.
Nelson, F. W., Chicago.
Nicholson, Harry, Joliet, Ill.
Obertin, P. N., and wife, Kenosha, Wis.
Ollinger, Edw. A., Chicago.
Olsem, Peter, Joliet, Ill.



"It's Always Fair Weather When Good Fellows Get Together" at Milwaukee.

Orpet, E. O., Lake Forest, Ill.
Phillip, M., Wausau, Wis.
Philpott, H. E., Winnipeg, Can.
Pierson, Wallace R., Cromwell, Conn.
Poehlmann, Adolph, and wife, Morton Grove, Ill.
Poehlmann, August F., and wife, Morton Grove, Ill.
Porter, L. J., Racine, Wis.
Prader, L., Baraboo, Wis.
Psenicka, James, Gross Point, Ill.
Reukauf, Martin, Philadelphia.
Rhodez, F., Hartford, Wis.
Rindfleisch, J., Beloit, Wis.
Roe, Chas. H., Chicago.
Ross, E. T., Baraboo, Wis.
Rott, A. C., Joliet, Ill.
Roy, D. D. R., Chicago, Ill.
Rudd, W. N., Morgan Park, Ill.
Rupp, N. J., Chicago.
Schroeder, —, Green Bay, Wis.
Schultz, Ed., Chicago.
Schuster, J. F., Chicago.
Shatton, C. D., Lancaster, Wis.
Smith, A. J., Lake Geneva, Wis.
Speidel, Otto, Oconomowoc, Wis.
Staeps, Herman, Elm Grove, Wis.
Taylor, C. C., Louisville, Ky.
Toole, W. A., Baraboo, Wis.
Vatter, F. W., Marietta, Wis.
Vaughan, J. C., Chicago.
Vincent, Richard, Jr., and wife, White Marsh, Md.
Volker, P., Manitowoc, Wis.
Washburn, Charles L., Hinsdale, Ill.
Waters, T. E., Chicago.
Wegner, Aug., Oconomowoc, Wis.
Wehrmann, Henry, Maywood, Ill.
Weiss, Paul, Maywood, Ill.
Wendland, H. C., Elmhurst, Ill.
Williard, S. F., Jr., Chicago.
Winterson, E., Jr., Chicago.



The Killarneys and Wards at the Milwaukee Flower Show.

(First Prize 100 Beauties, by Holton & Hunkel Co., on the right.)

Winterson, L. H., Chicago.
Winterson, Miss, Chicago.
Wittbold, Louis, Chicago.
Wood, Miss Mabel, Oshkosh, Wis.
Woodyard, R. S., Chicago.
Zech, John, Chicago.
Zender, Adam, Chicago.

CINCINNATI.

Attendance the Weak Point.

The Cincinnati flower show, last week's report of which covered all the show from a trade standpoint, continued through the week and was a success in every respect except attendance, which was decidedly disappointing.

Table decorations were the feature November 16. The prizes were awarded to Tromey's Flower Shop and Edith F. Kyrk. November 18 bride's and bridesmaid's bouquets were on, the premiums going to Hardesty & Co., first, and Edith F. Kyrk. Handle baskets also were shown, the awards going to Hardesty & Co., Edith F. Kyrk and Tromey's Flower Shop in the order named.

Ellis Woodworth, representing the Sefton Mfg. Co., had a pretty trade display of his line of boxes. He emphasized particularly the new corrugated plant box, which attracted quite a good deal of attention.

Wm. Murphy's splendid work as superintendent of the show is worthy of all praise. Milton Americana Alexander, of New York, acted as auctioneer on Saturday evening.

The smoker that C. E. Critchell, P. J. Olinger and Charles H. Hoffmeister arranged at the Bismarck was successful. About 150 sat down to the lunch. President Gus Adrian welcomed the guests. The toastmaster, Charles H. Hoffmeister, introduced the following speakers: President-elect R. Vincent, Jr., of the S. A. F.; President H. E. Philpott, of the Chicago Florists' Club; R. Witterstaetter, city; Irwin Bertermann, Indianapolis; Otto Koenig, St. Louis; Geo. R. Gause, president of the Indiana State Florists' Association; A. C. Kohlbrand, vice-president the Chicago Florists' Club; Walter W. Coles, Kokomo, Ind.; Ernst Rieman, Indianapolis; Henry Schwarz; Ellis Woodworth, who responded to the toast "My Old Kentucky Home;" I. Rosnosky, Philadelphia; J. W. Page, Hampton, England; Guy W. French, of Morton Grove, Ill., and D. Rusconi.

Trade Visitors.

Visitors for the show week include:

Arlin, Mrs. R. C., Lexington, Ky.
Balsley, Harry, Detroit, Mich.
Baum, R. P., Knoxville, Tenn.
Bertermann, Irwin, Indianapolis.
Bertermann, John, Indianapolis.
Botkner, Misses and Master, Urbana, O.
Breitmeyer, Philip, Detroit.
Cash, William, Richmond, Ind.
Coles, W. W., and wife, Kokomo, Ind.
Currant, E. B., Lexington, Ky.
Dille, J. L., Greensburg, Ind.
Dudley, C. P., Parkersburg, W. Va.
Elsass, Louise, Chillicothe, O.
Eschner, B., Philadelphia, Pa.
Fister, A. A., Cleveland, Ohio.
Frank, Miss Elizabeth, Portland, Ind.
Frank, Harry and wife, Portland, Ind.
Fulle, Edward A., Richmond, Ind.



The Richmonds and White Killarneys at the Milwaukee Flower Show.

(Bassett & Washburn's Second Prize Beauties at the left.)

arranged for effect—Edlefsen-Leidiger Co., first; Jacob Freytag, Milwaukee, second; Currie Bros. Co., third; August F. Kellner Co., fourth.

Specimen kentia—Ben Gregory. Many entries but only one premium.

Specimen phoenix—C. C. Pollworth Co., first. Several entries, but only one premium.

Specimen latania—No entry.

Group of araucarias, seventy-five square feet—Edlefsen-Leidiger Co., first; C. C. Pollworth Co., second; Currie Bros. Co., third.

Ten Lorraine begonias or its sports—J. A. Peterson, Cincinnati, first; J. E. Matthewson, Sheboygan, second; C. C. Pollworth Co., third.

Ten Primula obconica—Otto Eggebrecht, Milwaukee, second.

Group of geraniums, twenty-five square feet—Mitchell Street Floral Co., Milwaukee, first; Heitman & Baerman, Milwaukee, second; Otto Eggebrecht, third.

Hanging basket of ferns—C. C. Pollworth Co., first; August F. Kellner Co., second.

Hanging basket of flowering plants—C. C. Pollworth Co., first.

Ten cyclamen—Carl Meier Co., Green Bay, first; Fox Point Floral Co., Milwaukee, second; Charles Kitzerow, Milwaukee, third; J. A. Peterson, Cincinnati, fourth.

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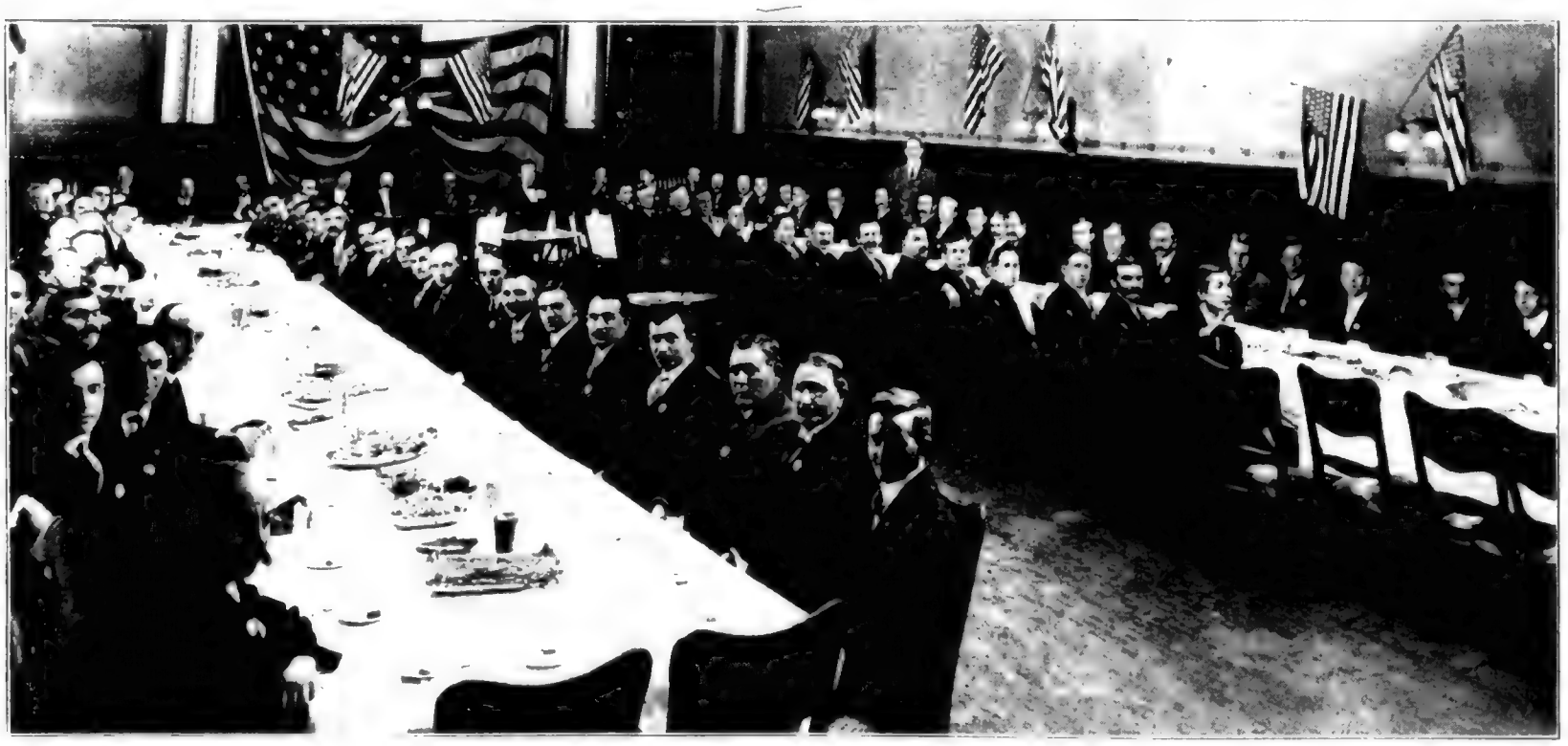
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Amling, W. H., and wife, Maywood, Ill.
Asmus, Geo., Chicago.
Balsley, Harry, Detroit.
Barker, M., Chicago.
Benson, Andrew C., Hinsdale, Ill.
Bliese, Fred W., Waukesha, Wis.
Boulter, E., Winnetka, Ill.
Buettner, Emil, Park Ridge, Ill.
Clapp, H. E., Ripon, Wis.
Craig, W. P., Philadelphia.
Degnan, John, Chicago.
Dietsch, Alfred, Chicago.
Dinkel, George J., Springfield, Ill.
Evans, John A., Richmond, Ind.
Everett, E., Madison, Wis.
Fink, Mike, Chicago.
Foley, P. J., Chicago.
French, Guy, Morton Grove, Ill.
Fugleberg, Carl F., Oshkosh, Wis.
Fulsinger, Mrs. A., Racine, Wis.
Goldenstein, Ed., Chicago.
Greivelding, N., Merrill, Wis.
Hartshorn, Wm., Joliet, Ill.
Hartung, L., Two Rivers, Wis.
Hefkz, Theo., Merrill, Wis.
Hinchliffe, Mrs. J., Racine, Wis.
Hinks, T., Hubbards Woods, Ill.
Howard, H. B., and wife, Chicago.
Jekez, Herman, Lake Geneva, Wis.
Johnson, C. W., Morgan Park, Ill.
Jones, J. E., Richmond, Ind.
Jung, L. C., Randolph, Wis.
Karins, J. J., Philadelphia.
Keimel, W. J., Elmhurst, Ill.
Kesting, Fred C., West Bend, Wis.
Klavacek, Frank, Gross Point, Ill.
Klehm, Henry C., Arlington Heights, Ill.
Kohlbrand, A. C., Chicago.
Kuehne, F. R., Lake Geneva, Wis.
Kurowski, E. F., Chicago.
Lautenschlager, F., Chicago.
Lehmann, Al., Chicago.
Lindsay, Richard, Oconomowoc, Wis.
Loeffler, Albert, Watertown, Wis.
Lord, Lewis P., Minneapolis, Minn.
McKee, P. L., Chicago.
Mann, Earl R., Richmond, Ind.
Mann, Matt., Chicago.
Mathias, F. W., Chicago.
Matthewson, J. E., Sheboygan, Wis.
Menecke, Arthur, Janesville, Wis.
Michelsen, John, Chicago.
Miller, A., Chicago.
Nelson, F. W., Chicago.
Nicholson, Harry, Joliet, Ill.
Obertin, P. N., and wife, Kenosha, Wis.
Ollinger, Edw. A., Chicago.
Olsem, Peter, Joliet, Ill.



"It's Always Fair Weather When Good Fellows Get Together" at Milwaukee.

Orpet, E. O., Lake Forest, Ill.
Phillip, M., Wausau, Wis.
Philpott, H. E., Winnipeg, Can.
Pierson, Wallace R., Cromwell, Conn.
Poehlmann, Adolph, and wife, Morton Grove, Ill.
Poehlmann, August F., and wife, Morton Grove, Ill.
Porter, L. J., Racine, Wis.
Prader, L., Baraboo, Wis.
Psenicka, James, Gross Point, Ill.
Renkauf, Martin, Philadelphia.
Rhodez, F., Hartford, Wis.
Rindfleisch, J., Beloit, Wis.
Roe, Chas. H., Chicago.
Ross, E. T., Baraboo, Wis.
Rott, A. C., Joliet, Ill.
Roy, D. D. R., Chicago, Ill.
Rudd, W. N., Morgan Park, Ill.
Rupp, N. J., Chicago.
Schroeder, —, Green Bay, Wis.
Schultz, Ed., Chicago.
Schuster, J. F., Chicago.
Shatton, C. D., Lancaster, Wis.
Smith, A. J., Lake Geneva, Wis.
Speidel, Otto, Oconomowoc, Wis.
Staeps, Herman, Elm Grove, Wis.
Taylor, C. C., Louisville, Ky.
Toole, W. A., Baraboo, Wis.
Vatter, F. W., Marietta, Wis.
Vaughan, J. C., Chicago.
Vincent, Richard, Jr., and wife, White Marsh, Md.
Volker, P., Manitowoc, Wis.
Washburn, Charles L., Hinsdale, Ill.
Waters, T. E., Chicago.
Wegner, Aug., Oconomowoc, Wis.
Wehrmann, Henry, Maywood, Ill.
Weiss, Paul, Maywood, Ill.
Wendland, H. C., Elmhurst, Ill.
Williard, S. F., Jr., Chicago.
Winterson, E., Jr., Chicago.



The Killarneys and Wards at the Milwaukee Flower Show.

(First Prize 100 Beauties, by Holton & Hunkel Co., on the right.)

Winterson, L. H., Chicago
Winterson, Miss, Chicago.
Witthold, Louis, Chicago.
Wood, Miss Mabel, Oshkosh, Wis.
Woodyard, R. S., Chicago.
Zech, John, Chicago
Zender, Adam, Chicago.

CINCINNATI.

Attendance the Weak Point.

The Cincinnati flower show, last week's report of which covered all the show from a trade standpoint, continued through the week and was a success in every respect except attendance, which was decidedly disappointing.

Table decorations were the feature November 16. The prizes were awarded to Tromey's Flower Shop and Edith F. Kyrk. November 18 bride's and bridesmaid's bouquets were on, the premiums going to Hardesty & Co., first, and Edith F. Kyrk. Handle baskets also were shown, the awards going to Hardesty & Co., Edith F. Kyrk and Tromey's Flower Shop in the order named.

Ellis Woodworth, representing the Sefton Mfg. Co., had a pretty trade display of his line of boxes. He emphasized particularly the new corrugated plant box, which attracted quite a good deal of attention.

Wm. Murphy's splendid work as superintendent of the show is worthy of all praise. Milton Americana Alexander, of New York, acted as auctioneer on Saturday evening.

The smoker that C. E. Critchell, P. J. Olinger and Charles H. Hoffmeister arranged at the Bismarck was successful. About 150 sat down to the lunch. President Gus Adrian welcomed the guests. The toastmaster, Charles H. Hoffmeister, introduced the following speakers: President-elect R. Vincent, Jr., of the S. A. F.; President H. E. Philpott, of the Chicago Florists' Club; R. Witterstaetter, city; Irwin Bertermann, Indianapolis; Otto Koenig, St. Louis; Geo. R. Gause, president of the Indiana State Florists' Association; A. C. Kohlbrand, vice-president the Chicago Florists' Club; Walter W. Coles, Kokomo, Ind.; Ernst Rieman, Indianapolis; Henry Schwarz; Ellis Woodworth, who responded to the toast "My Old Kentucky Home;" I. Rosnosky, Philadelphia; J. W. Page, Hampton, England; Guy W. French, of Morton Grove, Ill., and D. Rusconi.

Trade Visitors.

Visitors for the show week include:

Arlin, Mrs. R. C., Lexington, Ky
Balsley, Harry, Detroit, Mich.
Baum, R. P., Knoxville, Tenn.
Bertermann, Irwin, Indianapolis.
Bertermann, John, Indianapolis.
Botkner, Misses and Master, Urbana, O.
Breitmeyer, Philip, Detroit.
Cash, William, Richmond, Ind.
Coles, W. W., and wife, Kokomo, Ind.
Currant, E. B., Lexington, Ky.
Dille, J. L., Greensburg, Ind.
Dudley, C. P., Parkersburg, W. Va.
Elsass, Louise, Chillicothe, O.
Eschner, B., Philadelphia, Pa.
Fister, A. A., Cleveland, Ohio.
Frank, Miss Elizabeth, Portland, Ind.
Frank, Harry and wife, Portland, Ind.
Fulle, Edward A., Richmond, Ind.



The Richmonds and White Killarneys at the Milwaukee Flower Show.

(Bassett & Washburn's Second Prize Beauties at the left.)

Gardner, William, New Castle, Ind.
Garett, W. E., and wife, Lancaster, O.
Gause, Geo. E., and wife, Richmond, Ind.
Gerdum, C., Cleveland, Ohio.
Gerlach, William, Piqua, O.
Getlits, Ralph, Lima, O.
Gray, W. J., Jr., and wife, Hamilton, O.
Grude, H., Lima, O.
Hagenburg, Carl, Cleveland, Ohio.
Hagenburger, W. A., Mentor, Ohio.
Halbert, Mrs., Portsmouth, O.
Hartje, John, Indianapolis, Ind.
Hatton, M. P., Lexington, Ky.
Hellenthal, Miss B., Columbus, Ohio.
Heller, Myer, and wife, New Castle, Ind.
Hensley B., and wife, Knightstown, Ind.
Herb, Christ, Mt. Healthy, Ohio.
Herb, Frank, Mt. Healthy, Ohio.
Herdegen, J. T., Aurora, Ind.
Hill, E. G., Richmond, Ind.
Holland, H. E., Chillicothe, Ohio.
Honaker, D. B., Lexington, Ohio.
Hukreide, Fred R., Indianapolis, Ind.
Kelley, S. S., Lexington, Ky.
Kent, Chas. N., Newark, Ohio.
Knost, Mrs. C. A., Portsmouth, Ohio.
Koenig, Mrs. Louise, Portsmouth, Ohio.
Koenig, Otto, St. Louis.
Kohlbrand, A. C., Chicago.
Konzelman, W. C., Greensburg, Ind.
Krapp, Henry and wife, Columbus, Ohio.
Lampert, J. J., Xenia, O.
Lautenschlager, Fred, Chicago.
Lawrence, Otto H., Indianapolis, Ind.
Lemon, F. H., Richmond, Ind.
Longren, A. F., Chicago.
Marshall, A. W., Indianapolis, Ind.
Michler, L. A., Lexington, Ky.
Miller, M., Lima, O.
Nutting, Mrs. G. C., Hinton, W. Va.
Pittet, Albert J., Indianapolis, Ind.
Phillips, Mrs., Hinton, W. Va.
Philpott, H. E., Winnipeg, Manitoba.
Pierson, W. R., Cromwell, Conn.
Poehlmann, Adolph, Chicago, Ill.
Pyfer, A. T., Chicago, Ill.
Rabe, Carl C., Louisville, Ky.
Rasmussen, A., New Albany, Ind.
Reese, H. E., Springfield, Ohio.
Rieman, E. H., Indianapolis, Ind.
Rieman, Frank, Indianapolis, Ind.
Rosnosky, I., Philadelphia, Pa.
Schillbass, Miss Elsie, Miamisburg, Ohio.
Schillhass, Louis, Miamisburg, Ohio.
Schmidt, A. E., Dayton, Ohio.
Schulz, F. L., Louisville, Ky.
Schwekert, Mrs. F. K., Hinton, W. Va.
Smith, Elmer D., Adrian, Mich.
Totty, C. H., Madison, N. J.
Wiegand, H. L., Indianapolis, Ind.
White, Miss Fannie, Lexington, Ky.
Winter, Herman, Charleston, W. Va.
Woods, Mrs., Hinton, W. Va.
Woodworth, Ellis, Louisville, Ky.

TORONTO.

The seventh annual Ontario Horticultural Exhibition was held in the St. Lawrence arena, November 14 to 18. The flowers and plants exhibited were, in number, twice as great as in other years. Lack of room and proper facilities for display, including heating, prevented a show of even greater magnitude. An avenue of chrysanthemums and bay trees extended from the entrance door to the rear of the building. In the rows were about forty pots of bush mums that were the best ever grown or shown in Toronto. Among the leading prize winners in this class were Sir H. M. Pellatt, E. F. Collins, J. Boston and D. Robertson, all of Toronto.

The cut mums were enormous in size. The class for twenty-five blooms shown in a vase was well filled. The Dale Estate and R. Jennings, of Brampton, made an excellent showing. The groups of mums and orchids, backed by ferns, palms and other foliage plants, were excellent. T. McVittie, gardener for Sir H. M. Pellatt, won first for the best group of mums and plants. Thomas Manton, Eglinton, took first for the best orchid group, and E. F. Collins, of the Allen Gardens, won out in the single and pompon chrysanthemum group.

The display of roses was large and the quality excellent. Dale Estate showed Mrs. Ward, the first time it has been seen here. Violets and valley were shown in abundance. On the latter, the Toronto Floral Co., Bedford Park, Ont., secured first prize, although this is the first year the firm has ever grown this flower.

The class for funeral designs was well filled. C. E. Lewis, Toronto, secured first prize with a wreath of orchids, white mums, valley and maidenhair fern. A. S. Jennings & Co., Toronto, captured second place with a cross of nice workmanship. The winning bridal bouquet was by Thomas Manton. First prize for the best presentation basket went to one made of Golden Wedding and pompon chrysanthemums. The decorated tables attracted a lot of attention and great interest was taken in the competition.

The awards on cut blooms of chrysanthemums were as follows:

Twenty-five blooms, not less than twenty varieties—Dale Estate, Brampton, first.
Twelve distinct varieties—Dale Estate, first.
Twenty-five Eaton—R. Jennings, Brampton, first; Dale Estate, second.
Twenty-five, any variety—R. Jennings, first; Dale Estate, second; A. S. Jennings, Toronto, third.
Twelve, one variety—Dale Estate, first; R. Jennings, second; Iler Wilson, third.
Six distinct varieties, never before exhibited in Ontario—A. S. Jennings, first; W. H. Foord, Deer Park, second.
Six white—R. Jennings, first; Dale Estate, second; H. F. Jennings, Weston, third.
Six pink—Dale Estate, first; R. Jennings, second; Iler Wilson, third; A. S. Jennings & Co., fourth.
Six yellow—R. Jennings, first; Dale Estate, second; Iler Wilson, third; H. F. Jennings, fourth.
Six crimson—T. Jennings, first; W. H. Foord, second; H. F. Jennings, third; R. Jennings, fourth.
Six any other color—Dale Estate, first; A. S. Jennings & Co., second; R. Jennings, third; W. H. Foord, fourth.
Vase of single chrysanthemums arranged for effect, with any foliage—R. Jennings, first; G. D. Manton, Eglinton, second; H. T. Jennings, third.
Vase of pompons—H. T. Jennings, first; R. Jennings, second.
Twelve blooms, not less than six varieties, entries confined to exhibitors with not more than 5,000 feet of glass—A. S. Jennings, first; Geo. Mills, Toronto, second.

The following were the awards on cut blooms of carnations:

Twenty-five white—R. Jennings, first; Dale Estate, second; Iler Wilson, third.
Twenty-five red—Dale Estate, first; R. Jennings, second.
Twenty-five light pink—R. Jennings, first; Dale Estate, second; Iler Wilson, third.
Twenty-five pink, darker than Winsor—R. Jennings, first; Dale Estate, second; Iler Wilson, third.
Twenty-five crimson—Dale Estate, first.
Fifty blooms, any variety—R. Jennings, first; Dale Estate, second.
Fifty blooms, any variety, with any foliage, arrangement to count—Dale Estate, first; R. Jennings, second.
One hundred blooms, any variety—R. Jennings, first; Dale Estate, second.

The awards for cut blooms on roses were as follows:

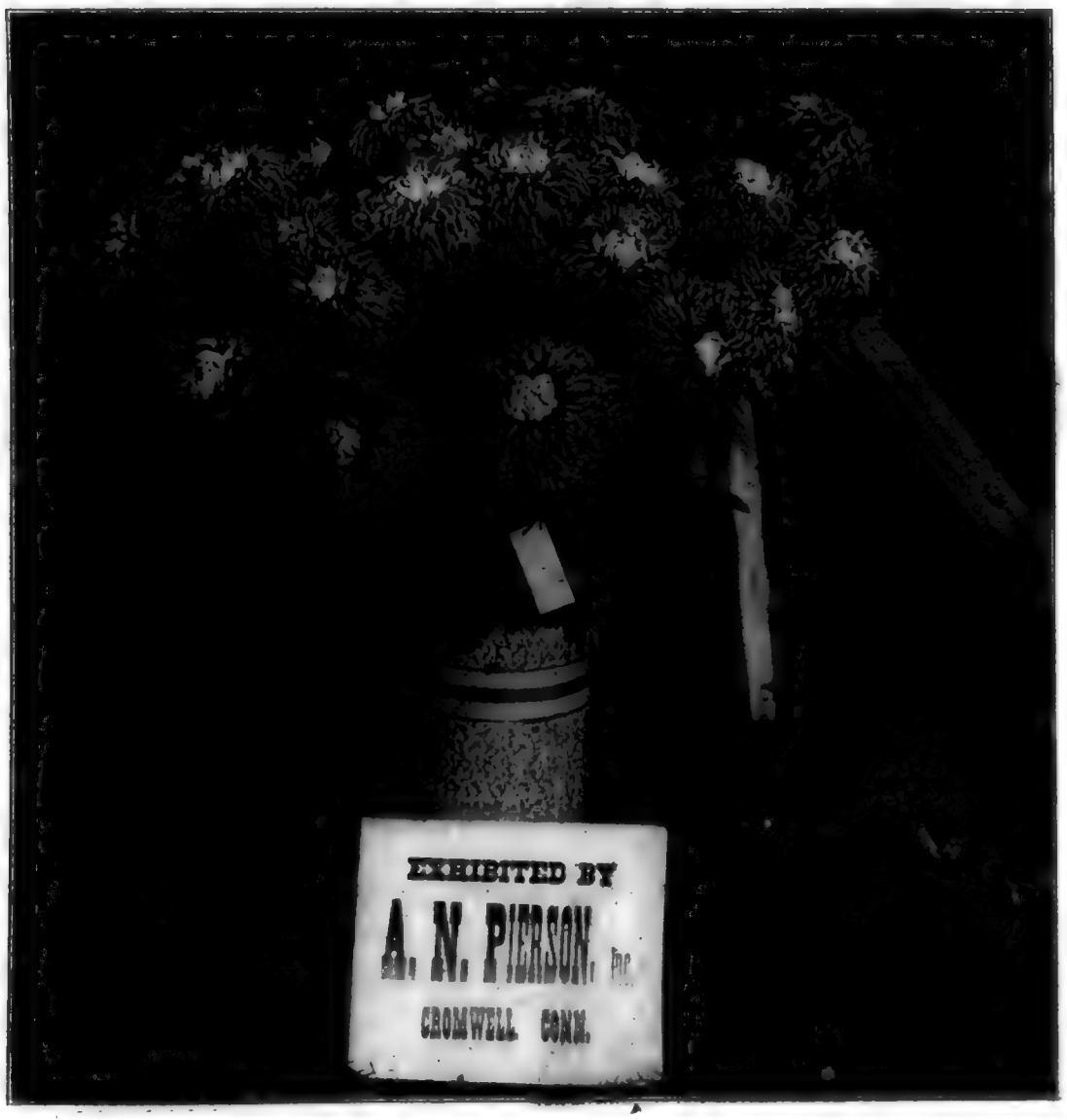
Twelve white—Dale Estate, first; Toronto Floral Co., Davisville, second.
Twelve pink—Dale Estate, first; Toronto Floral Co., second.
Twelve red—Dale Estate, first.
Twelve light pink—Dale Estate, first; Toronto Floral Co., second.
Twelve American Beauties—Dale Estate, first; G. D. Manton, Eglinton, second.
Twenty-five American Beauties—Dale Estate, first.
Vase of fifty roses, arrangement to count in judging, American Beauty excluded—Dale Estate, first; S. A. Frost, Toronto, second.

The awards for miscellaneous exhibits were as follows:

Best 200 valley—Toronto Floral Co., first; Dale Estate, second.
Fifty violets, single—Dale Estate, first; W. E. Calvert, Brampton, second; Carl Mart, Lambton, third.
Funeral design, not more than forty-two inches over all—C. Lewis, Toronto, first; A. S. Jennings, second; S. A. Frost, third.
Presentation basket of chrysanthemums, not to exceed thirty inches over all—C. E. Lewis, first; S. A. Frost, second; A. Moore Co., Georgetown, third; J. Boston, East Toronto, fourth.
Original arrangement of flowers for bridal effect—T. Manton, first; S. A. Frost, second; Iler Wilson, Berlin, third.
Panel decoration, mirror not to exceed twenty-four square feet—T. Manton, first; G. D. Manton, second; S. A. Frost, third; C. E. Lewis, fourth.

The awards on chrysanthemum plants and miscellaneous plants were as follows:

One specimen, any variety or sized pot—D. Robertson, Reservoir Grounds, first; J. Boston, East Toronto, second; E. F. Collins, Allen Gardens, third.



Chrysanthemum Chadwick Supreme, Late Pink, as Shown at Milwaukee.

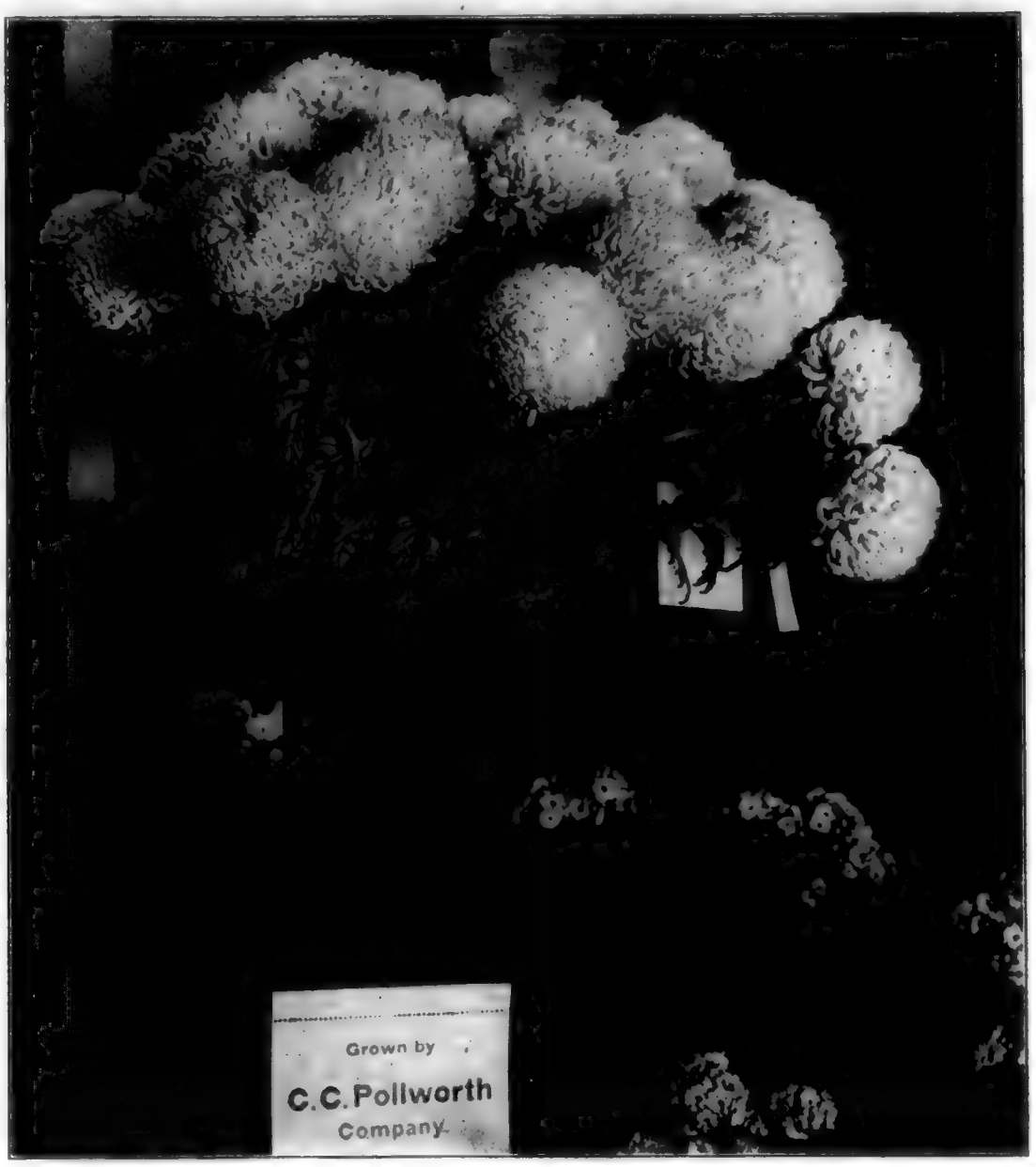
One standard, any variety—E. F. Collins, first; J. Boston, second.
One specimen, white—D. Robertson, first; J. Boston, second; E. F. Collins, third.
One specimen, pink—J. Boston, first; E. F. Collins, second; D. Robertson, third.
One specimen, yellow—J. Boston, first; E. F. Collins, second.
Four bush plants, one each of white, pink, yellow and dark color—Sir H. M. Pellatt, Toronto, first; D. Robertson, second; E. F. Collins, third; J. Boston, special prize.
Twenty-five single stems—E. F. Collins, first.
Three palms—W. Jay, Toronto, first.
Twelve palms—W. Jay, first.
Collection nephrolepis, not less than ten varieties—W. Jay, first; E. F. Collins, second.
Six ferns—W. Jay, first; E. F. Collins, second.
Six cyclamens—Sir H. M. Pellatt, first; Iler Wilson, Berlin, second; H. H. Fudger, Toronto, third.
Collection of primulas—Iler Wilson, first.
Six begonias in bloom—Sir H. M. Pellatt, first; W. Jay, second; H. H. Fudger, third.
Twelve table plants—W. Jay, first; H. H. Fudger, second; T. Manton, Eglinton, third.
Orchid in flower—D. Robertson, first.
Three orchids—T. Manton, first.
Six orchids—T. Manton, first.
Group of chrysanthemums and foliage plants, arranged for effect, not to exceed 100 square feet—Sir H. M. Pellatt, first; E. F. Collins, second; T. Manton, third; W. Jay, fourth.
Display of orchids; arranged for effect—T. Manton, first; E. F. Collins, second.
Group of single and pompon chrysanthemums, arranged for effect—E. F. Collins, first; Sir H. M. Pellatt, second; T. Manton, third.

AT FAIRMOUNT PARK.

That the people love flower pictures is shown in the large crowd that visited Horticultural hall, Fairmount park, Philadelphia, on the second Sunday in November, when the annual chrysanthemum show was opened to the public. Workmen had been busily employed for the three previous days in preparing the east end for the visitors. Immense rhododendrons, azaleas and palms in tubs had been rolled back against the wall to form the background for the flower picture. Then came the staging, broad at the top, with narrower steps to the ground. Last, and most difficult of all, came the arrangement of the chrysanthemum plants themselves. Oglesby B. Paul said: "The pinks and whites must go at one end, the yellows and golds at the other." To this primary rule was added a determination to avoid flatness and to bring out the best colors advantageously. Xavier E. E. Schmitt grew medium sized plants of some eighty or ninety varieties, for medium sized plants combine better in flower pictures than do mammoth specimens. He then arranged them with exceeding care, studying the height of the different plants with regard to their relative positions. This secured the undulating or wavy effect desired, which, used in combination with a study of color, produced the dazzling picture that delighted the throng.

The exhibition was confined to the eastern or Schuylkill river end of Horticultural hall. The entrance is from the main doorway directly into the exhibition conservatory. On the right a magnificent flower picture of the queen of autumn clad in yellow, orange and gold; on the left, a softer but no less beautiful picture of the queen clad in pink and white. The pathways between are filled with graceful plants, mostly yellow and white chrysanthemums, some pink, scattered among palms and ferns, the effect preparing the eye, as it were, for the beauty beyond. The other pathway, that enables the visitors to return, is bordered entirely with green, save one little patch of color, single flowers, I think, of white and pink, a rest to the eye after the gorgeousness of color.

The success of this Philadelphia park show is only partly explained by the fact that it is free—the people's own—for who would go away out to Fairmount park in chill November unless there was something to see? There is something to see, well worth seeing. It has been so for the last eleven years and is now generally known. Something that can be seen nowhere else, a picture on a magnificent scale, where the result is secured by the sacrifice of the individual perfection to beautiful combination. Phil.



The First Prize Entry in the Contested Class for 100 Eaton at Milwaukee.

GLADIOLUS NO. 312.

W. A. Pryal, in his article, "Gladiolus Topics," in The Review of November 16, says of P. O. Coblentz's Gladiolus No. 312, that it has been catalogued by two growers or dealers as Grenadier. Now, right here we are up against the very trouble which was one of the reasons for the formation of the American Gladiolus Society. Mr. Coblentz used to call it Emma, but issued no catalogue. Last year a seedsman, having purchased from Mr. Coblentz his stock of this variety, catalogued it as Velvet King. This seems to me unfortunate and all the more so as the name does not fit the flower, which is not very velvety. It is also a little too much like the name Scarlet Velvet, under which name I have for several years advertised another variety in a rather widely circulated catalogue.

The variety No. 312, under whatever name it goes, is an excellent one and does not, in this climate, show any of the faults mentioned by Mr. Pryal. It is not a bit "like Brenchleyensis" except in having a bright color. The flower is large and well opened instead of being nearly closed, like Brenchleyensis. Among the nearly white sorts, Silvretta is worth noticing, the flower being large and of the Nanceianus form, set on the stem much in the same way as Mrs. Francis King, which it much resembles in habit.

It seems to me that Peace is bound to come to the front as a white, in spite of the small spot of color in the throat. In form, substance, stem, vigor and productiveness I think it leads. I have none to sell. George S. Woodruff.

SCALE ON NEPHROLEPIS.

What is the best way to get rid of scale on the nephrolepis type of ferns, in pots and planted in beds? What is the best feed for them in bright weather? L. M.

Spraying with extract of tobacco, in the proportion of one part of the extract to fifty parts of water, will help to keep down scale on nephrolepis, but if the plants are badly infested with the insects it will take some time to get rid of them, using the spray about twice a week. The safest fertilizer for these ferns is manure water from either cow or sheep manure. This may be given once a week to plants that are thoroughly rooted, but should not be given to newly potted stock, or to any plants that are not well established.
W. H. T.

Hartford, Conn.—John Brodrib has opened a flower department on Wise, Smith & Co.'s main floor.

THE RETAIL FLORIST.....

WHERE VERSES PAY.

It is axiomatic that "there is no money in poetry," but a versicle florist says he has used the following lines in local papers for several seasons and it always has paid—the verses never fail to bring results:

YES—
Your table will be richly spread
With turkey, pie and berries red,
Pudding, doughnuts, apples sweet
And everything that's good to eat.

BUT—
There's one important item yet,
The centerpiece; now don't forget,
But come around Thanksgiving day
And buy your wife a nice bouquet.

FOR A FIREMAN'S FUNERAL.

The recent funeral of the deputy chief of the fire department at Waterbury, Conn., called for about the largest display of designs ever seen in the city. The tribute of the members of the department was a massive arch of white roses and white carnations over a Bible, with palms, ferns and white chrysanthemums at the base. The piece stood five feet high and was also five feet wide at the base. It was made by G. T. Ryan.

VAPOR ON SHOW WINDOWS.

So many inquiries have been received of late regarding vapor and frost on flower store show windows that the following information is given on the subject:

The steaming of the windows in any store is due to the moisture in the atmosphere becoming condensed. This condensation is brought about by the vapors coming in contact with the window glass, which is colder than the interior of the room. In a flower store the air is unusually damp; therefore we all experience much trouble with frost on our windows, especially during the coldest days, just when a pretty window, with its flowers and plants, would appeal strongly to the passer-by. Layer after layer of this moisture freezes on the window, and it is soon coated with ice, especially at the bottom, the moisture running down the glass.

One way of preventing the steaming is by causing a passage of air on the inside of the window, close to the glass. This may be accomplished with small ventilators at the top of the window or just below the glass, in the frame, if there is one.

A solution of two-thirds alcohol and one-third glycerine, applied lightly to the glass with a sponge or cloth, will prevent the freezing of the moisture, but florists have found this a nuisance also, as the window is not clear when coated in this manner.

After much experience, it has been found that the best remedy is cold water applied freely to the glass. Take a small watering can or sprayer and flow some cold water down the inside of the window. Doing this once or twice a day, usually toward evening, will be sufficient. If your window is so constructed that water can not be applied freely, then wipe off the steam with a sponge or cloth saturated with cold water.

It has been suggested that the only sure remedy for the trouble we experience in winter with frost on the glass, is to have the window constructed the same as a florist's refrigerator door; that is, two lights of glass with an air space between. This might or might not be practical with a large window. In the first place, the space between must be perfectly air-tight, and even then, in time, the glass inside will get dirty and will have to be cleaned. Still, never having had any experience with a window so constructed, I do not want to condemn this method entirely. Does any reader know? Exchange of experiences is invited.

In a previous issue A. E. P. said: "I believe that the following remedy will do the business in a satisfactory manner, as I have seen the principle tried to perfection a number of times. Jewelry and other stores are using it with great success and no doubt it will do the same for florists' windows. The only objection that I can possibly see is that it might interfere with some of the decorations, but that should be easily remedied. The idea is simply this: To install a small electric fan where the current of air created by it will sweep across the inside of the window, and if the window has not become coated with ice it will clear in a few minutes and remain clear. I know the annoyance caused by windows becoming coated and I believe that a sure cure will be a welcome guest in any store, so I gladly give this to you to hand out to our brother florists through the columns of The Review. I have received many valuable helps from its columns and feel in duty bound to contribute anything of value to others in a like manner."

The Review will be glad to publish letters from others, telling how they overcome this difficulty.

WATERING PLANTS IN STORE.

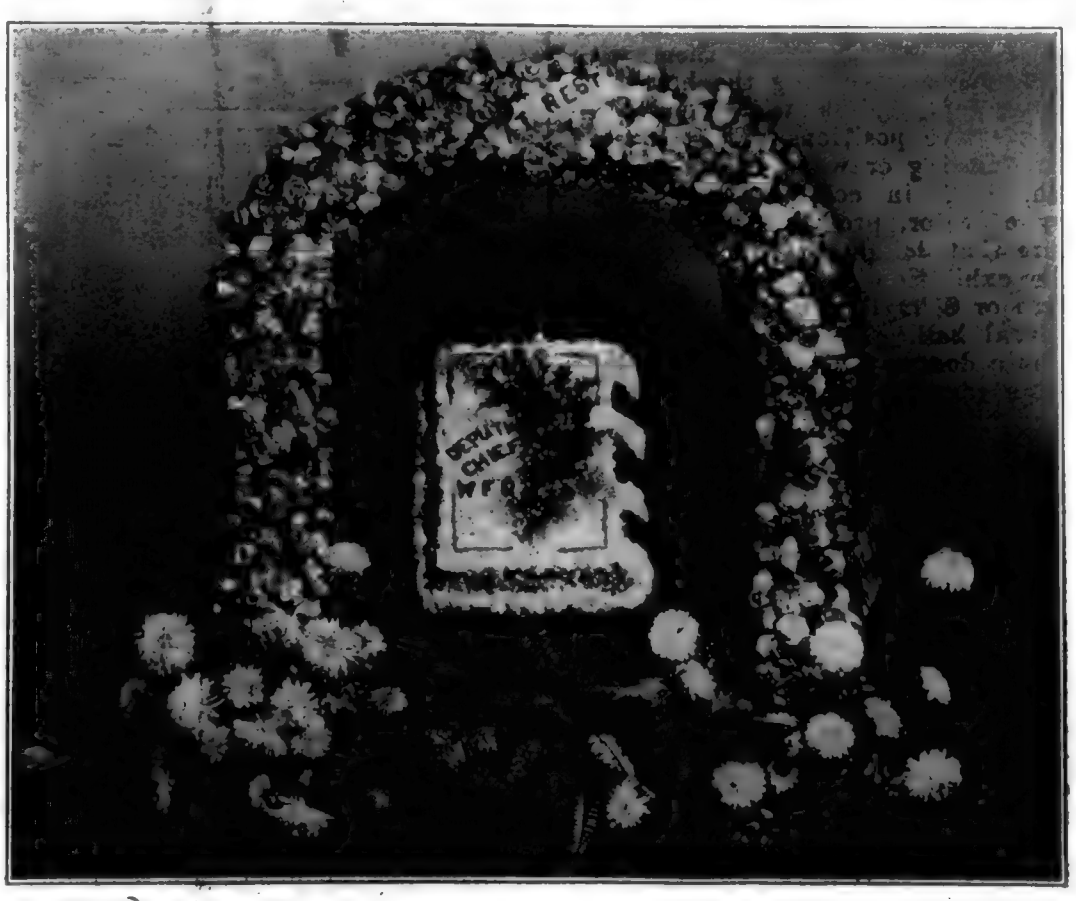
Will you kindly tell me the best method for the care and watering of plants, such as kentias, nephrolepis, adiantums, Asparagus plumosus, etc., that are kept inside the store, where the average daily temperature is about 60 degrees at the present time? M. F.

It is not easy to lay down rules for the watering of plants, whether they be kept in a store or in a greenhouse, but none of the plants mentioned should be allowed to become really dry at any time, and the only way to avoid such a condition is to examine the plants carefully each morning and to water all those that are dry, giving water enough to moisten the soil all through. The kentias may also have their leaves sponged off occasionally with clear water, in order to remove the dust that will settle upon them in the store. The temperature maintained, 60 degrees, would be a satisfactory one for the plants mentioned. W. H. T.

SPANISH IRIS.

I have a lot of Spanish iris, imported. Would you kindly advise me what treatment to give them and when is the best time to force them into bloom?
F. B.

Place the bulbs in flats or the bench of a cool house. The former method of culture is to be preferred. Flats 4 x 12 x 24 inches will hold fifty to seventy-five bulbs, giving the larger bulbed



Large Design by G. T. Ryan, Waterbury, Conn.



Chrysanthemum Mrs. Gilbert Drabble.

varieties more space than the small ones. Keep in a frame or cool bed until well sprouted, but do not cover with ashes or soil, as these iris start to grow quickly. When the growths are two to three inches long, if in flats, move them in batches to a cool house where they will get full sun. A temperature of 45 to 50 degrees at night is about right. The latter figure should not be exceeded, as iris cannot be forced hard, like some other bulbs. Water freely and feed regularly when the flats are full of roots. Spanish iris can not be had in good condition before the last part of March and you should allow six to eight weeks after housing until they flower. Of course, later in the season they come on more quickly. C. W.

MUM MRS. DRABBLE.

The man who names the chrysanthemums never took lessons of the expert who sticks the titles on the sleeping cars, else so fine a flower never would carry the name of Drabble—it would have, instead, some gently rolling word suggestive of purity of color, perfection of form and great size, for C. H. Totty, the new president of the Chrysanthemum Society of America, says Mrs. Drabble is unquestionably the chrysanthemum novelty that shows the greatest advance for the present year. He describes it as follows in a letter written November 18:

"Mrs. Gilbert Drabble is a white, with whorl florets, and is a variety that will next year be head and shoulders above any white in its type. It is an entirely different style of flower to the splendid William Turner, but as an exhibition white I can say that it will beat everything when it is well grown. This variety has won first prize for the best bloom at the Paris show, was voted the best flower in the Crystal Palace national chrysanthemum show, also at Birmingham and several other big English shows. The novelty that showed the greatest advance for the year is unquestionably Mrs. Gilbert Drabble."

CHRYSANTHEMUM RAMAPO.

Chrysanthemum Ramapo was certificated in New York. It is a seedling of Appleton and to my mind will undoubtedly take the place of that variety. It is the same color, shows the same easy growth and the foliage is right up to the flower, but it never under any circumstances shows the objectionable top-knot so common to Col. Appleton. Ramapo will take a place in the list of standard yellows, when it is better known. Charles H. Totty.

SULPHUR ON PIPES.

Please tell me whether it would be advisable to use sulphur on the pipes where miscellaneous pot plants, ferns and bulbs are grown in one house, and carnations, chrysanthemums and plumosus in another. W. G.

The use of sulphur on the pipes is not to be recommended in a house of assorted plants, from the fact that the fumes of sulphur are highly injurious to many plants. This method is an old-fashioned remedy for mildew and also for red spider, but there are safer treatments for both these troubles.

W. H. T.

ERRATIC TEMPERATURES.

We have a house that is newly planted. It is partly planted with lettuce and partly sown with radish seed, and there is also some stevia in it. One night the temperature got down to 32 degrees and the next night it was 78 degrees. In a carnation house one night the temperature was 46 degrees and the next night it was 64 degrees. What I want to have published is, which of these temperatures did the most injury to the plants in question?

O. S. M.

Even after making every allowance for rather wide fluctuations in temperature outdoors, your range of extremes are such that no plants will grow properly in them. A little frost will ruin stevia and if your thermometer recorded 32 degrees, the wonder is that your plants were not killed. Lettuce succeeds best in a night temperature of 40 degrees. The same heat suits stevia.



Chrysanthemum Ramapo.

Radishes like a little more heat than lettuce and should be at the warmest end of the house. I would keep the night temperature from 40 to 45 degrees, as near as possible.

Carnations succeed best in a night temperature of 50 to 52 degrees. The Enchantress and Lawson varieties do well at 48 degrees, but if you can manage to hold it from 50 to 52 degrees your plants will do well. The higher temperatures are much more injurious than the low temperatures for these and all other plants. C. W.

SEASONABLE SUGGESTIONS

Hardy Liliums.

The bulbs of the bulk of the liliums which are grown outdoors do not arrive until November; the Japanese sorts do not come to hand, as a rule, until early in December. It is often necessary to protect the ground with strawy manure or leaves, to exclude frost until these bulbs arrive. It is a great error to delay planting until spring, as no matter how carefully they may be stored, they will fritter away much of their strength before that time.

The most common mistake made in planting liliums is not getting them sufficiently deep in the soil. There are a few small-bulbed varieties which do well covered not more than six or seven inches, but such sorts as auratum, speciosum, tigrinum, Brownii, Henryi, excelsum, Chalcedonicum, superbum and others should be planted a foot deep. It pays to dig the soil deeply for them, but never use any fresh manure when doing so. A cushion of sand below and over the bulbs is beneficial, and while the liliums named can be grown well in clumps or nursery rows, they are in nearly every case seen at their best in soft, deep soil, such as is found in properly prepared rhododendron beds. Plant any liliums out as soon as possible after arrival, for, if not already emitting roots, they will speedily do so if placed in the soil. If, perchance, the ground is frozen hard and planting can not be done, it is a good plan to pot up the bulbs singly and store them in a cold pit over winter.

Primulas.

Thanksgiving is a trifle early for primulas, but some are already flowering nicely, and if kept on a light, sunny bench, they will be in good shape toward the end of the month. If any of the plants of P. Sinensis have been potted too high and are wabbly, use some short stakes to steady them. Do not try to force any of the primula family into flower, for you will only ruin them. All are cool subjects and succeed best in a house with a minimum temperature of 45 degrees, grown well up to the light and supplied with plenty of fresh air. As the pots will now be quite well filled with roots, some feeding should be given the plants. This may be either in the form of liquid manure once in four or five days or chemical top-dressings once in ten to fourteen days, always remembering, however, that primulas will not stand as heavy doses of manure as do such robust subjects as chrysanthemums, callas or geraniums.

Bouvardias.

Bouvardias seem to be under a temporary cloud, the larger and showier flowers being more in favor. This is to be regretted, as there are few winter flowers prettier than bouvardias, whether in a cut state or in pots. A few specialists still plant them and find a good sale for the flowers, particularly around the holidays, and more country florists might well try a few of them, as their culture is easy and a renewal of their popularity is sure to come again soon. In order to have a good Christmas crop, a temperature of 60 degrees at night should be given them. If in benches, it may be necessary to spray occasionally, as mealy bug is partial to them. The finest of all bouvardias, and one procurable over the longest season, is Humboldtii. Its large, delicately scented, jasmine-like flowers may be had for six months in the year, and where only one variety is grown it should be Humboldtii.

Callas.

The callas, whether grown in pots or benches, will now be flowering freely and their roots will have ramified through the soil until it is a veritable mass of them. To keep them in vigorous health and to secure an abundance of good spathes, feed them freely. Cow manure water is good; so are such chemicals as Clay's fertilizer and Bon Arbor in dry form, while fine bone is excellent. Many of the finest callas it was ever my privilege to see had fortnightly top-dressings of bone, and the way the roots devoured the bone and the plants flowered was something of an eye-opener. Callas, of course, are easy subjects to grow and every grower knows that they like feeding, but few realize how much they need. Try the bone top-dressings and note how your plants revel under the treatment. More and more growers are discovering the value of the Godfrey calla. Some there are who have entirely discarded the old variety, and no wonder, when they can get treble the flowers from the newcomer. Those who have not yet secured it should do so. This is one of the most useful florists' flowers sent out in years.

Deciduous Shrubs for Forcing.

Such deciduous shrubs for early forcing as Azalea mollis, lilacs and deutzias, if they have not been pot-grown, should be potted and stood on the floor of a cool pit, where they will make quite a few roots before they are wanted for forcing. As a rule the demand for these is not robust until the middle of March, and Easter is the season when they sell the best. It is much better to pot all this class of stock now, rather than wait until they are to be started.

Pansies.

The ground will probably soon freeze up for the winter. It is not well to give pansies any covering until the ground is hard. No good, but possibly considerable harm, may be done by premature mulching of these and many other plants. A light covering of leaves would be the ideal protection, but these are not always procurable and are hard to hold in position. Meadow hay or straw, laid on just thickly enough to hide the plants from view, makes a good mulch. Some brush or old corn stalks, dropped here and there, will prevent the covering from being blown away. Where plants are to be wintered in coldframes, a light covering of perfectly dry leaves, after the frost has tightened the ground, with sashes placed over them, is all that is needed. Avoid too much covering; it is more liable to be harmful than beneficial. Such coverings are all right where it is desired to exclude frost from the ground, but it is quite the reverse in the case of pansies and other hardy plants.

Freesias.

Keep the earliest batch of freesia plants in a night temperature of 52 to 55 degrees and give them plenty of water, with liquid manure twice a week. If the bulbs of these freesias were planted early in August, it should be possible to get a fair proportion of them in flower for Christmas. It is certainly worth a little extra trouble to secure this, as prices are then fully double what they are at any other time.

DETROIT.

The Market.

The Detroit market has been in good shape for the last week and good stock of all kinds has been cleaning up well. Chrysanthemums are all being taken up as fast as they come. Chadwick, Maud Dean, Dr. Enguehard, Timothy Eaton, Nagoya, Bonnaffon and all the other varieties due at this season are with us and they are all in grand shape. Pompons and singles are popular and the supply of these is increasing every year. Mrs. Helen H. Newberry, Fred Pautke's new pompon, which is a late white, following Diana, is in the market and is a great addition to the family. This pompon is extremely late and can be held for Christmas, on the plant, in good shape. Mr. Pautke and Fred Breitmeyer are handling this variety and are introducing it to the trade this season.

Carnations are fine this year and the light colors are cleaning up well. The dark carnations do not sell so well and sometimes it is necessary to force a sale on them. Lilies are coming in limited quantity and are slow sale, owing to the large number of mums in the market. Paper Whites and Romans are in and go toward making a good assortment for the retailers to set before their customers. Double violets are fine and selling well again after a slump at the beginning of the season. Single violets grown in Mt. Clemens by Fred Breitmeyer and Robert Klagge

are certainly fine, but the retailers complain that there are not enough of them to take care of orders.

Roses are fine and in good supply. White Killarney and Killarney, Richmond, Rhea Reid, Melody, Aaron Ward and Bon Silene are all to be had and as the crops are just coming in we have a good outlook for Christmas. Beauties are a little off crop, but the growers report the buds are all set for Christmas and we should have a good supply of these also.

Taking everything into consideration, the trade in general here is in good shape and we all hope that conditions will remain the same all through the season.

Various Notes.

There was a well attended meeting of the Florists' Club this week. The show committee reported and, on the whole, it was considered by all that the show was a great success when the late start is counted. Everybody received a vote of thanks, with special thanks for Frank Danzer and A. Sylvester. Preparations are well under way for the rose and carnation show in January.

In last week's report concerning the flower show, the writer failed to mention the table decoration executed by Harry Rackham. Coral colored pompons were used in a way to attract much attention.

E. A. Fetters purchased a Cole 40, seven-passenger touring car last week. Mr. Fetters' family consists only of three, but he is kind to his friends; hence the seven-passenger car.

Carey-Fells, the latest retail store to open here, report business beyond all expectations.

Visitors during show week were George Heinl, of Toledo; J. A. Bissinger, of Bay City; Mrs. Freeman, of Toledo; Martin Reukauf, of Bayersdorfer's.

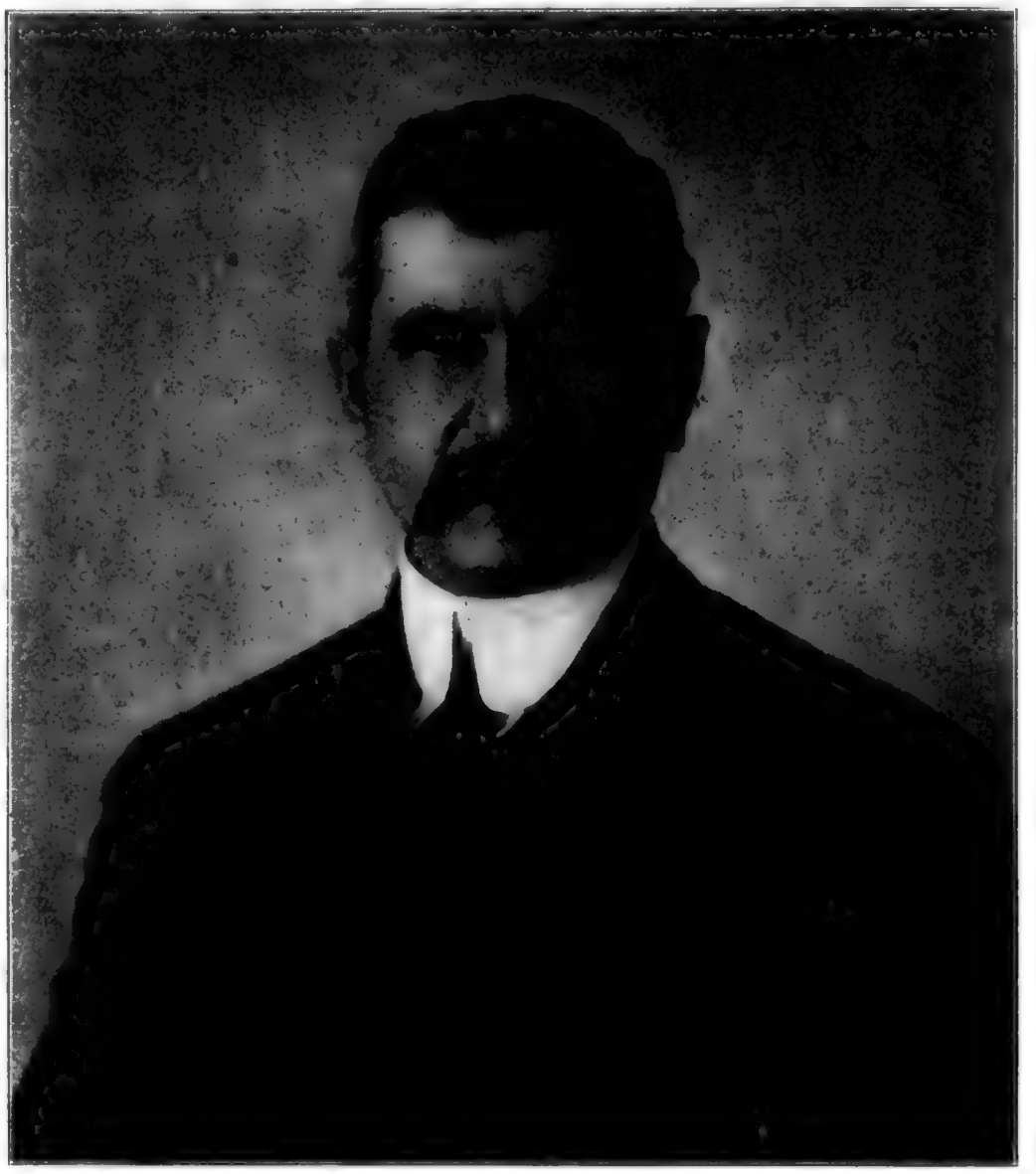
Since the founding of the Michigan Cut Flower Exchange this firm has been compelled by the increase of business to put on more help at regular intervals. The latest but by no means least important member of the company is Robert M. Rahaley, Jr., born Saturday, November 4.

Philip Breitmeyer was laid up for several days with neuralgia. H. S.

DENNIS CONNOR.

D. T. Connor, or Dennis, as he is known to the greater part of the florists all up and down the eastern edge of the United States, was born in a little town near West Grove, Pa., in 1861, and it was the most natural thing in the world that, having reached the dignity of his first pair of long pants, he should hunt up a job in the florists' business—all West Grove is floriculturally inclined. Dennis found his first job at the establishment of Dingee & Conard Co., beginning when he was only 14 years old. His first term there was for seven years, and later he came back for a postgraduate course of two years. Starting as a boy, he ended as assistant propagator, and anyone who knows the precision with which propagation is carried on at West Grove knows that Mr. Connor must have become master of his profession or he would have had no part in this work.

Leaving West Grove, "the hero of this tale," as the "Who's Who" writers say, had his try at the west, but



D. T. Connor.

he got no farther than Ohio, which really isn't west at all, so it is not to be wondered at that he soon was back at Lansdowne, where for a couple of years he was in charge of the Samuel J. Bunting place. By this time Mr. Connor thought he had a pretty thorough horticultural training, and he had; it only needed a trial of business on his own account to be complete. But Mr. Connor found the boss has his cares as well as the foreman, and he was willing to consider some of the good offers that came his way. In 1901 the Lord & Burnham Co., New York, concluded to open a Philadelphia office and picked Mr. Connor as the man to put in charge. He held the job ten years, covering eastern Pennsylvania, Delaware, Maryland and the District of Columbia. At first it was slow work, but the business of building greenhouses was just beginning to develop and so thoroughly did Mr. Connor master the details of the subject that it got so that no one in that territory would undertake an important greenhouse project without discussing it with him. As a result of these friendly conferences, the sales of Mr. Connor's office in 1910 footed such a prodigious number of thousands that he don't mention the subject for fear of being thought a boaster—which he is not.

And now Mr. Connor has gone west again, this time to Chicago, but he is going back to Philadelphia in a few days to establish an eastern office for the Foley Mfg. Co., a matter which has been under consideration by the western builders for a long time.

There are thousands of florists who know Mr. Connor and know him well, but, while he knows all about the florist's affairs, few know of his. He travels so much that many think he must be a bachelor, but the fact is that at 5024 Pine street, in Philadelphia, there is a wife and six children with whom he spends every moment not devoted to business. Also at Boise, Idaho, there is a brother who also is well known in the trade, although it is only in the west, for he has not been east in years. This is Hugh Connor, who is one of the owners of the Boise Floral Co.

ROCHESTER, N. Y.

The Market.

Cold weather has set in, with ice and snow, and winter seems here to stay. Stock is much scarcer than it has been, so there are no accumulations. However, there is still an abundant supply of everything except Beauties, which are not only scarce but poor in quality. Richmonds are fairly good and are sometimes used in place of Beauties. Other roses are all in good condition and fair supply, except My Maryland, which is a minus quantity. Carnations are much improved and are quite plentiful at this writing. There is a great demand for this particular flower this time of the year.

Chrysanthemums are not arriving in great quantities of late, but the pompon varieties are flooding the market in yellow, bronze, orange, red and white, and are finding a ready sale; in fact, the demand is so great that they sell in advance of their arrival.

The price of violets has advanced

since the cold weather set in. They are first-class in quality, so there is no falling off in the demand.

Purple and white lilacs have put in their appearance and it seems good to see them this early, although they are not in great demand and the price is high. Sweet peas, in pink, lavender and white, are on the market and they are excellent in quality; yet they, too, are away up in price, so are not going at any great rate of speed. Valley keeps coming in well and is a great seller.

Begonias and primroses are coming in more plentifully and bring a fair price.

Bronze galax is exceptionally scarce, and at times we have to fall back on the green galax, leucothoe and boxwood for making up wreaths. The latter three are quite abundant. Asparagus Sprengeri and plumosus are plentiful, as are hardy ferns.

Prepared purple beech branches and bronze and scarlet oak leaves are used a great deal with chrysanthemums of all colors for centerpieces, etc.

Various Notes.

Peter Hess, of Brightor, will discontinue his duties with Granger Hollister December 1.

Thomas Cogger, formerly of this city, spent a few days in town recently.

The Florists' Association will hold a smoker early in December.

An exhibition of fruit and flowers was held November 16 to 18 at the Chamber of Commerce. The following amateur and professional florists contributed to the flower exhibit: H. E. Wilson, E. R. Fry, Geo. T. Boucher, Fred Schlegel's Sons, J. B. Keller Sons, Chas. Suhr, Vick & Hill Co., Mrs. N. S. Kimball, Salter Bros. and George Eastman, the last named having sent a large bunch of magnificent roses from his private conservatory. The committee for the arrangement of the exhibit consisted of John Hall, Charles Vick, R. G. Phillip and John R. Fry.

At the last meeting of the Florists' Association the speaker, Chas. S. Zoller, paid a beautiful tribute to the late James Vick, the pioneer florist of Rochester. George Arnold, chairman of the entertainment committee, announced the season's program as follows: December, "The Chrysanthemum," by C. B. Ogston; January, "Perennials," by J. M. Keller; February, "Annuals," by George Arnold; March, "Roses," by Lawrence Cotter, of Jamestown; April, "Pruning," by John Dunbar. A display of flowers will also be held at each meeting.

Miss Guggleman has entered the employ of the Rochester Floral Co., filling the place made vacant by Miss M. Bradstreet.

J. B. Keller Sons are producing some good valley this month.

Salter Bros. have a clever display of Cibotium Schiedei ferns in their upper store.

Paper White narcissi have made their appearance in H. E. Wilson's stores.

The Maurer-Haap Co. reports that its bulb and nursery business is far ahead of last year. The new storage shed which is being erected is just about halfway completed.

William Ehmann, of Corfu, N. Y., is growing some excellent sweet peas, which are finding ready sale in Buffalo and Rochester. E. C. A.

Herkimer, N. Y.—W. D. Snell says he has no kick coming, the season having opened up well.

OBITUARY.

William H. Moon.

William H. Moon, of Morrisville, Pa., died suddenly of apoplexy in Trenton, N. J., Saturday, November 18. He went to Trenton that afternoon and was taken ill on the street, calling a young man who was passing to assist him to his physician's house, a few doors away. He died soon after reaching there.

William H. Moon was president of the large and successful nursery company which bears his name. He was 62 years of age. He started as a nurseryman in a small way, with four acres of land, twenty-five or thirty years ago. The business prospered and later was incorporated under the name of William H. Moon Co. The nursery now covers a large acreage. Mr. Moon is survived by two sons, Henry T., who has charge of the nursery and of the shipping department, and Edward, who has charge of the catalogue and sales departments, with offices in the Stephen Girard building, Philadelphia; and by two daughters. Mrs. Moon died four months ago.

John Siebenthaler.

In the death of John Siebenthaler, of Siebenthaler avenue, Dayton, O., which occurred November 16, there was removed one of the most widely known nurserymen in the state of Ohio. He had been ill for several months, being afflicted with Bright's disease. He was 57 years of age and the burden of years made it difficult for him to combat the dread disease, which had been perceptibly preying upon his system for a long time. During the two weeks prior to his death he was unable to leave his room. His demise was hourly expected for several days.

Having been engaged in the nursery business practically all his life, he was brought into actual contact with many people and his death is greatly deplored by hundreds of friends who knew and appreciated his worth. He had for years been an active and enthusiastic member of the Montgomery County Horticultural Society and had labored diligently for its welfare. He is survived by four sons, Wilbur, Clarence, John and George, and one daughter, Mary.

Frank Kleinhans.

Frank Kleinhans, of Kleinhans Bros., florists and nurserymen at St. Louis, Mich., died at his home Saturday, November 18, after an illness of three weeks. The business will be carried on by David Kleinhans, the surviving brother.

John J. Fonta.

John Jules Fonta, superintendent of Audubon park, in New Orleans, La., died at his home, 6030 Hurst street, in that city, on Friday, November 10, at the age of 76 years. He was a native of Varilhes, France. As a youth he studied botany in his native town. Some few months after graduation from the Government Horticultural College of France he came to America, and first located at New York. He remained in that city a short time, and in 1869 removed to New Orleans, where, after a while, he started his business career as a partner with M. Ory, and they were highly successful. During the New Orleans Centennial Exposition it was Mr. Fonta who furnished the great palms for the Horticultural hall, for which he received the first prize. At the close of the exposition he was appointed superintendent of Audubon park. Besides his widow, whom he wedded over forty-three years ago, he is survived by one brother and two sisters, living in France.

Mrs. J. Odgers.

Mrs. J. Odgers, proprietor of the Maquoketa Greenhouses, at Maquoketa, Ia., died on Tuesday, November 7, of heart failure. The surviving members of the family will continue the business, at least for some months.

Edouard Andre.

The death is reported of M. Edouard Andre, editor of the Revue Horticole and for fifty years a member of the staff of that excellent French publication.

M. Edouard Francois Andre was born at Bourges in 1840, and was the son of a horticulturist of that town. In his early youth he chose the profession of horticulture, and had the inestimable advantage of an early technical training, both in his father's establishment and at Angers, under M. Leroy. In 1859 he went to Paris and spent a year of study in the Museum of Natural History. In 1860 Andre became head gardener to the Ville de Paris, a post which he held for eight years. Here his aptitude for landscape gardening found large scope, and he has left an enduring monument of his skill in many of the great parks, particularly in the Parc des Buttes, Chaumont.

With this wide experience gained at Paris, M. Andre entered the competition organized by the town of Liverpool for the laying-out of Lord Sefton's estate of 370 acres as a public park. Andre was placed first in the competition, received the prize of 300 guineas, and was entrusted with the execution of his plans. This work lasted for five years, and the park was opened in 1867 by Prince Arthur. Monuments to his skill are to be found in all parts of Europe, in Holland, Denmark, Russia, Austria, Bulgaria and Italy.

Many literary distinctions were achieved in his long and industrious lifetime, but perhaps the greatest of all which fell to M. Andre was his appointment to the Professorship of Garden Architecture at l'Ecole Nationale d'horticulture of Versailles when, in 1892, the chair—the first of its kind—was established on his behalf. M. Andre was a corresponding member of the Royal Horticultural Society of London, Officer of the Legion d'honneur, and he held many distinguished orders. He was interred October 28, at La Croix (Indre-et-Loire).

In summing up the work of this distinguished man, the Gardeners' Chronicle, London, says one cannot find a fitter expression than that employed by the Revue Horticole: "Andre gave to the landscape art a new impulse, and by precept and example formed a new school. He devoted his life to the advancement of horticulture. He brought great honor to the name of Frenchmen throughout the civilized countries of the earth."

Adrian, Mich.—William Wickham, formerly in business as a florist and gardener at 84 Vine street, now has charge of the greenhouses at Oakwood cemetery.

NEWS, NOTES, AND COMMENTS

READERS ARE INVITED TO CONTRIBUTE ITEMS FOR THIS DEPARTMENT.

Girard, O.—James Knapp is building a greenhouse, 26x100 feet, on the Seaburn farm.

Framingham, Mass.—S. J. Goddard is building an addition to his greenhouses, on Main street.

Chillicothe, Mo.—R. L. Isherwood has been holding an exceptionally successful chrysanthemum show at his greenhouses.

Concord, N. H.—G. J. Benedict has installed a new heating system and made other improvements in his greenhouses, at 25 South street.

Brighton, Mass.—Chas. E. Holbrow's new, up-to-date office is rapidly nearing completion. He expects to do an extensive retail business this winter.

Minneapolis, Minn.—The Lord Plant Box Co., formerly known as Lord's Frost-Proof Plant Box Co., has removed to 524 Andrus building, in this city.

Freeport, Ill.—The damage done at the John Bauscher plant when the water tank fell has been repaired. The new tank has a capacity of 260 barrels.

Norristown, Pa.—A valuable horse owned by Wm. R. Yeager became uncontrollable recently, while Mr. Yeager was driving it, and dashed into a sand pile. One of the animal's fore legs was broken. Mr. Yeager was thrown to the brick-paved street and was considerably bruised, but was able to attend to his duties as usual on the following day.

Bloomsburg, Pa.—J. L. Dillon has installed a water tank, with a capacity of 20,000 gallons, at his Fifth street greenhouses. With the help of this new tank, which is of steel construction and stands on a 25-foot tower, Mr. Dillon will have a sufficient water supply for his entire range, when that part on Normal Hill is moved to the Fifth street location.

Mount Sterling, Ky.—John Corbett has again taken possession of his greenhouses, which were leased for a time to Graser & Humphreys. He has remodeled the place, making it one of the best establishments of its kind in this part of the state, and will conduct a general florists' business. His range contains 10,000 square feet of glass and he is planning to increase that area.

Atlanta, Ga.—The Atlanta Floral Co., of which A. Borg and Ivar Erickson are proprietors, has remodeled the store at 41 Peachtree street, transforming it into a most attractive and convenient establishment. The firm's greenhouses, on East Fair street, which are under the management of Mr. Erickson, have also been improved and enlarged. Mr. Erickson is an expert grower and has received diplomas from botanical gardens in Paris, Berlin and London.

Woburn, Mass.—Edward Aylward, of J. J. Aylward & Co., in this city, and Miss Margaret J. Lynch, of Lowell, were married November 12.

Northboro, Mass.—R. E. Wadsworth & Co. are installing two new boilers and building a 65-foot chimney at their greenhouses on Pleasant street.

Benton Harbor, Mich.—Thomas Heaven, of the River View Greenhouses, has purchased the flower business of Undertaker A. J. Youngs.

Fort Wayne, Ind.—Judge William J. Vesey has announced the marriage of his daughter, Sarah Waterhouse Vesey, and Cecil Alviere Max.

Jamestown, N. Y.—At the Lake View Greenhouses, where Lawrence Cotter is superintendent, rapid progress has been made in the work of rebuilding the big boiler house destroyed in the recent fire.

Falls City, Neb.—Bert Simonton and Harry Pence, proprietors of the Sunnyside Greenhouses, gave an opening the other day, providing a free bus between town and greenhouses and giving each of 200 visitors a fern as a souvenir.

Poughkeepsie, N. Y.—The Saltford Flower Shop has a Ford motor wagon for rapid delivery and adds to the advertising value of the car by distributing post cards that carry a cut of the auto and uniformed messengers, with the inscription, "At your service."

Sterling, Ill.—A recent hail storm broke a considerable amount of glass in the greenhouses of the Sterling Floral Co. and J. A. Swartley & Sons. As the weather was rapidly becoming cooler at the time, there were fears that the plants would be greatly damaged by the exposure before the repairs could be completed. Swartley & Sons have finished a new greenhouse.

Brookline, Mass.—F. E. Palmer has bought a fine tract of land consisting of twenty-five acres within easy access of town and expects to remove the greenhouses there eventually. He is making a nursery to supply his landscape department. Stephen Quinn will soon celebrate the fiftieth anniversary of James Quinn's establishment, which is being well kept up by him.

Salem, Mass.—H. T. Conant & Co., the Essex street florists, will be obliged to remove from their present location, on account of a change of ownership. They have therefore secured a 10-year lease on a piece of ground a few doors away, and are building a store there. Behind the new store is some vacant space which will be covered by the Conant greenhouses, and a barn in the rear will be transformed into a boiler house.

Fessenden, N. D.—Richard Olson has erected a greenhouse here and is in business as a florist.

Greenfield, Mass.—Frank J. Yetter, the Main street florist, is building a large greenhouse on the site of the old Temple house, on Davis street.

Green Bay, Wis.—William Van Langenduck, a florist employed by Charles De Clerc, was operated upon for appendicitis a few days ago at the St. Vincent hospital. His condition shows improvement daily.

Paxton, Ill.—The Addems-Morgan greenhouses have lost glass by hail several times this season. November 11 the breakage was small, but the temperature was far below freezing at the time the hail fell.

Sharon, Pa.—The boiler house at the greenhouses of John Murchie, on South Irvine avenue, has been destroyed by fire. The loss was between $1,300 and $1,500, with no insurance. Preparations were made for rebuilding at once.

Kansas City, Mo.—Charles R. Fuhlbruegge, formerly of Winona, Minn., and later of Minneapolis, is now a member of the firm of Henry Kusik & Co., which has started in the wholesale cut flower and supply business here.

Atlantic, Ia.—The Atlantic Greenhouse Co., which removed its range a few months ago to Ninth and Linn streets, has completed the work of rebuilding and has also added some new houses. Manager C. Olson and his assistant, J. W. Camblin, deserve great credit for the present fine condition of the establishment. Mr. Olson is figuring, also, on the erection of one more house, for violets.

Florence, S. C.—DeWitt House, proprietor of the Florence Nursery, which is located on the east side of South Dargan street, directly across the road from Mount Hope cemetery, has just completed a new iron-frame greenhouse, 65x150, and will handle a complete line of flowers as well as nursery stock. He has also opened an uptown flower store in the Central hotel building.

Carthage, Ill.—Professor Robert C. Crum, formerly connected with the public schools here, but now principal of the high school of Raton, N. M., has purchased the greenhouses of S. T. Stone and will return here to take charge of them. The greenhouses are being removed to Mr. Crum's property on West Locust street, where he will conduct them on a commercial basis. He is not only an expert botanist, but also has some practical knowledge of flowers. His family have already arrived here and will reside during the winter at the home of Mrs. Crum's mother.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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SOCIETY OF AMERICAN FLORISTS.

Incorporated by Act of Congress, March 4, 1901.
Officers for 1911: President, George Asmus, Chicago; vice-president, R. Vincent, Jr., White Marsh, Md.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, W. F. Kasting, Buffalo, N. Y.
Officers for 1912: President, R. Vincent, Jr., White Marsh, Md.; vice-president, August Poehlmann, Morton Grove, Ill.; secretary, John Young, Bedford Hills, N. Y.; treasurer, W. F. Kasting, Buffalo, N. Y.
Annual convention, Chicago, Ill., August 20 to 23, 1912.

Results bring advertising.
The Review brings results.

THE only reason that no reply can be given to A. J., who asks about Spanish iris, is that there was nothing about his letter by which his identity could be ascertained.

NOT a few subscribers save themselves the bother of annual renewal by sending The Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

AFTER swinging around the circle of the fall flower shows, Richard Vincent, Jr., president-elect of the S.A.F., has returned home declaring that he has "more friends than any other man in the United States."

SINCE cut flowers as a rule were in full crop just before the middle of November, one would be justified in predicting only moderate cuts for Thanksgiving and another full crop just in time for Christmas.

IF B. P., who asks about Enchantress carnations, recalls that there was nothing about his letter by which he could be identified, it will explain his failure to receive a reply. Anonymous inquiries can not receive the attention that would be freely given if the writer's full name and address were signed.

THE EARLY BIRD.

The first 1912 calender arrived November 21, from the land of galax and leucothoe. It was sent by the North Carolina Evergreen Co., F. M. Richards, manager, and is not only handsome but shows, if this is any indication, 1912 is to be a big year.

SIM URGES CO-OPERATION.

Knowing full well the interest you always have taken in sweet peas, I hope if space permits you will insert in the columns of your valuable paper this letter to the members and friends of the National Sweet Pea Society of America.

Plans have been made to hold our annual meeting and exhibition jointly with the Massachusetts Horticultural Society, July 13 and 14 next. As president of this society it is my desire that this should be the finest show of its kind ever held. Features are already assured which have never before been attempted. If you have a piece of land available where you could grow some sweet peas for this show you would be helping, at slight expense, a good cause. A committee is now at work on a preliminary schedule which should be ready for distribution about December 1, so that those interested may have ample time to study the features for which they wish to compete. There will be special prizes for seedsmen, gardeners, commercial growers, retailers, amateurs, school children and school gardens. In behalf of the Sweet Pea Society I would like to have you stir enthusiasm in your vicinity. If you could get the cottagers and schools and your local paper interested it would mean for you increased business in time to come. We have already received the support and coöperation of the Massachusetts Horticultural Society, the Gardeners' and Florists' Club of Boston, the gardeners of Lenox, North Shore, Bar Harbor and other places. There is no doubt as to the outcome of this event, but every little done now means a much greater success. Trusting you will act favorably in this matter, I am,

Respectfully yours,
William Sim.

WHAT IS THE MATTER?

"Rather looks as though it was time to lay off for a couple of years." The speaker was the manager of probably the most successful flower show of the season and the idea he expressed is pretty much the idea of all those who handled the large volume of work that was necessary for the shows—the public response was not enough to make the work worth while. Just where the trouble lies can never be settled, but the fact remains that from the point of public attendance and gate receipts none of the principal shows this year can be called successes. The people can not be expected to attend where they are given little to see, but some of the shows this year were a first-class success artistically and from a trade standpoint, and yet the people did not respond. To many it appears that the only trouble is that the interest has waned and that an entirely new plan of holding exhibitions will have to be evolved before the people can be won back; that the shows are an old story and that the story must be made new again before a big show can be self-supporting.

CHICAGO.

The Great Central Market.

A change for the better was apparent Monday morning, November 20, but there is little cause for felicitations over the business for the week ending November 18. The hot weather at the close of the preceding week, followed by the sharp cold wave, produced conditions which operated to depress the market all through the week. The way the hot spell made the Bonnaffons jump was something the growers long will remember. It brought in enormous quantities of this most popular of chrysanthemums; quantities so great that, in spite of excellent quality, some of the houses found it impossible to effect a clearance at any time during the week, even though prices were made in accordance with buyers' ideas. The glut of chrysanthemums had the effect of depressing prices on all other flowers. The only exceptions were Beauties, which were scarce and advanced steadily. Orchids to a less degree were in request and values firmed up. Single violets also showed an advancing tendency, but carnations suffered from the oversupply of mums, as did roses, double violets and the many miscellaneous items now in stock. Extremely large quantities of flowers were moved, but the average prices were so low that on the whole the week was a disappointment to growers and wholesalers.

Order here all the KILLARNEYS You need for your Thanksgiving trade

We never have been so well fixed on Roses as we are this season, and a fine crop is on just right for Thanksgiving. You can get here all the Killarneys you need—and those who know the market recognize that, length for length, our Killarneys carry the finest heads of any roses to be had.

Buyers should bear in mind that our prices are NOT higher than others ask for the same quality of stock, if they have it. While we are strong on the "special" grade, by far the greater part of our supply is "select," and we can do as well for the buyers who use medium-priced stock as we can for those who want only the longest stems.

MUMS

A Large Supply of Fine Stock.

Many growers say they will be cut out of Mums before Thanksgiving. Not so with us. Order here and be safe. We shall have from 20,000 to 25,000 for Thanksgiving week—the largest supply we ever have had. All the best late varieties. Don't forget, you can get here—of us—all the Mums you need. We shall be glad to be called on to fill your orders.

VIOLETS

We handle the cream of the doubles—the "specials" now offered here are quite in a class by themselves. Also can supply fancy, fragrant singles. Can furnish any quantity for Thanksgiving.

CARNATIONS

Our Carnations are coming in heavily, and the quality is right up to the high standard that has made our stock noted for its superior shipping qualities. Send along your orders and we will take the very best of care of you.

We handle the finest Orchids coming into the Chicago market and can fill all orders.

Order VALLEY of Us

If you have had any difficulty getting your Valley orders filled, it was because you didn't order of us. Always plenty of Fancy Valley here.

HEADQUARTERS FOR EASTER LILIES

We always have Easter Lilies, every day in the year, and the finest there are—home grown—they go out in perfect condition.

THANKSGIVING PRICE LIST

ORCHIDS, Cattleyas..per doz.,	**$6.00 @**	**$9.00**
AMERICAN BEAUTY		**Per doz.**
Extra long stems		**$6.00**
Stems 36 inches		5.00
Stems 30 inches		**4.00**
Stems 24 inches		**3.00**
Stems 20 inches		**2.50**
Stems 16 inches		**2.00**
Stems 12 inches		**1.50**
Short.....per 100, $8.00@$10.00		
ROSES		**Per 100**
White Killarney, special		**$10.00**
" " **select**	**$6.00 @**	**8.00**
" " **seconds**	**3.00 @**	**4.00**
Killarney, special		**10.00**
" **select**	**6.00 @**	**8.00**
" **seconds**	**3.00 @**	**4.00**
My Maryland, special		**10.00**
" " **select**	**6.00 @**	**8.00**
" " **seconds**	**3.00 @**	**4.00**
Richmond, special		**10.00**
" **select**	**6.00 @**	**8.00**
" **seconds**	**3.00 @**	**4.00**
Mrs. Aaron Ward, select	**6.00 @**	**8.00**
" " " **seconds**	**3.00 @**	**4.00**

Extra special roses billed according to value.

CARNATIONS		**Per 100**
Fancy	**$4.00 @**	**$5.00**
Common	**2.00 @**	**3.00**
CHRYSANTHEMUMS		**Per doz.**
Special fancy		**$4.00**
Large and fancy	**$2.50 @**	**3.00**
Medium	**1.50 @**	**2.00**
Small.....per 100, $8.00 @ $10.00		
Pompons....bunch, .50 @ .75		
MISCELLANEOUS		**Per 100**
Violets, double	**$1.00 @**	**$ 1.25**
" **single**		**1.00**
Easter Lilies.....per doz., $1.50		**12.50**
Valley, select		**3.00**
" **special**		**4.00**
Sweet Peas	**.75 @**	**1.00**
Paper Whites	**3.00 @**	**4.00**
Daisies	**.75 @**	**1.00**
DECORATIVE		
Asparagus Plumosus..per string,	**.50 @**	**.75**
Asparagus Plumosus..per bunch,	**.35 @**	**.50**
Asparagus Sprengeri.. "	**.25 @**	**.50**
Adiantum, fancy, long ...per 100,	**1.00 @**	**1.25**
Smilax.....per doz., $1.50		**12.00**
Mexican Ivy .....per 1000, 6.00		**.75**
Ferns..... " **2.00**		**.25**
Galax..... " **1.50**		**.15**
Leucothoe		**.75**

Subject to market changes.

Store open from 7 a. m. to 6 p. m. Sundays and holidays closed at noon.

E. C. AMLING CO.

The Largest and Best Equipped Wholesale Cut Flower House in Chicago

68-70 E. Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central.

CHRISTMAS

We are headquarters on all Decorative Greens, etc., for the Holidays, including Bouquet Green, Holly, Laurel and Evergreen Wreathing, Mistletoe, Needle Pines, Immortelles, Cape Flowers, Xmas Bells and a full line of all Christmas goods.

Our Special Xmas List will be ready this week; if you do not get it, please write for same.

Ferns-Ferns

Last week we took in a carload of Whitmani and Boston Ferns. Fine stock. Same are going rapidly. We still have the following sizes to offer:

BOSTONS	WHITMANI
4-inch	4-inch
5-inch	5-inch
8-inch	8-inch
12-inch	

If you intend to purchase, we advise an immediate order.

Plants shipped by express only.

5% discount for cash with order.

Cash with order, from parties not known to us.

Winterson's Seed Store

166 N. Wabash Avenue,
CHICAGO

Long Distance Phone, Central 6004

The opening of the present week showed a stiffening tendency, the supplies of stock being greatly reduced. Practically everything was shortening up, the general impression being that it was more the result of growers holding back for the anticipated good Thanksgiving than because of any sharp reduction in production. Beauties are scarce and prices have been advanced. The quality of such Beauties as arrive is uniformly high; there can be no complaint on this score. There are scarcely any short Beauties and orders for medium lengths are harder to fill than orders for the extra long stems.

While roses are less plentiful, there is no difficulty in filling orders and the general impression is that there will be adequate supplies for any possible Thanksgiving demand. It is figured that chrysanthemums are so nearly at the end of their season in this market that a part of the Thanksgiving demand usually going to chrysanthemums will this year be turned to roses. The Chicago market never had better roses than it has this year. Little short stock is now coming in but any other grade can be had in quantity up to 4-foot stems. Richmond is in good crop and will take the place of the shorter grades of Beauties. Mrs. Ward sells on sight.

There are good supplies of carnations, mostly white and light pink. When orders for red are received it frequently calls for some chasing to locate the stock, and neither are there many dark pink. The average quality of carnations is all that could be desired and the production steadily is increasing. It is not figured that there will be any scarcity for Thanksgiving.

The quality of violets is excellent and they are selling better than heretofore, though no high prices are being made. Singles have been on the short side, which has turned part of the demand to the eastern doubles. Sweet peas are slightly more plentiful, principally pink and white. Stevia has come in, as well as Paper Whites and Romans. Bouvardia is popular. Gardenias are scarce. The orchid crops are lighter than they were and prices have advanced. Some of the wholesalers predict that from now on prices will be good enough to compensate for the low rates which prevailed during the oversupply in the east. The quality of the cattleyas is fine. There is plenty of valley and an increased supply of Easter lilies. Growers evidently plan to bring in plenty of lilies right after the mums go out. Callas also are plentiful. All greens are abundant.

Various Notes.

Carl N. Thomas rejoined the forces of the A. L. Randall Co. November 20 and surprised his associates there by the announcement of his marriage, November 16, at Bradford, Pa., his bride being Miss A. Annette Jones. They have taken up their residence at 1375 East Fifty-seventh street. Mr. Thomas spends his summers at the old family homestead at West Springfield, Pa.

F. F. Benthey has been having a decidedly uncomfortable time with a boil, the first one in his long life; but this one made up for all deficiencies by taking a position which reminds one of the truant schoolboy who found it convenient to eat off a shelf.

John Kruchten points to daily arrivals of Hilda rose, probably the only lot now reaching this market.

WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS
SHIPMENTS EVERYWHERE — **CUT FLOWERS** — IMMEDIATE DELIVERIES
154 NO. WABASH AVE. CHICAGO
PHONE CENTRAL 879

THANKSGIVING PRICE LIST

AMERICAN BEAUTIES		Per Doz.
Extra long stems	$5.00 @	$6.00
30-inch stems	4.00 @	4.50
24-inch stems	3.00 @	3.50
18-inch stems	2.00 @	2.50
15-inch stems	1.50 @	2.00
Short	1.00 @	1.25

ROSES

	Per 100	
Killarney—		
Specials	$8.00 @	$10.00
Firsts	6.00 @	8.00
Seconds	4.00 @	5.00
White Killarney—		
Specials	8.00 @	10.00
Firsts	6.00 @	8.00
Seconds	4.00 @	5.00
Richmond—		
Specials	8.00 @	10.00
Firsts	6.00 @	8.00
Seconds	4.00 @	5.00
Antoine Rivoire (Mrs. Taft)—		
Specials	$12.00 @	$15.00
Firsts	10.00 @	12.00
Seconds	6.00 @	8.00
Melody—		
Specials	10.00 @	12.00
Firsts	8.00 @	10.00
Seconds	5.00 @	6.00
My Maryland—		
Specials	8.00 @	10.00
Firsts	6.00 @	8.00
Seconds	4.00 @	5.00

ROSES, Seconds, our selection, $4 per 100

MISCELLANEOUS

Carnations—		
Specials		$5.00
Firsts		4.00
	Per Doz.	
Gardenias	$4.00 @	$6.00
Orchids—		
Cattleyas	6.00 @	8.00
	Per 100	
Easter Lilies	$10.00 @	$12.50
Valley	3.00 @	4.00
Violets, Double	1.00 @	1.50
Single	1.00 @	1.25
Daisies—		
W. and Y		1.50
Sweet Peas		1.00
Mignonette	4.00 @	6.00
Stevia		3.00
Poinsettias—	Per Doz.	
Fancy	$3.00 @	$4.00
Mums	1.50 @	3.50
Pompons, bch.,	.50 @	.75

DECORATIVE

Smilax—
Strings, 100, $12.50; doz., $1.75
Sprengeri, large bunch, ea., 40c
Asparagus, large bunch, ea., 40c
Large string .. ea., 50c @ 60c
Mexican Ivy, 1000, $6.00; 100, 75c
Adiantum, fine, 100, $0.75 @ $1.25
Galax 1000, $1.50; 100, 20c
Ferns.....1000, 1.50; 100, 20c

Quotations subject to change without notice.
Store open from 7 a. m. to 6 p. m. Sundays and holidays closed at noon.

Weiland & Risch
154 N. Wabash Avenue
CHICAGO

Order TODAY for THANKSGIVING!

Then Wire Additions as Needed—We Have Everything

MUMS! **Large and Small—All Colors—All Prices.** We shall have our usual supply for Thanksgiving. Send your order here and you will get just the grade of stock your trade requires, as we have everything in Mums. **MUMS!**

CARNATIONS

We are strong on Carnations for Thanksgiving—no doubt of our ability to take good care of you with the grade of stock you need and at the price you can afford to pay.

KILLARNEYS

Our best and largest growers are just on with heavy crops of splendid Killarneys. This is stock that can't be beaten for length of bud, richness of color, or stem.

Now On with a Specially Fine Crop of Richmond Roses

ORCHIDS

Nowhere is there a finer supply of Cattleyas. So good are these that many buyers have placed standing orders for daily or every other day shipment. Don't **you** want to do the same?

VIOLETS

Let us add a few Violets, double or single, to your order. When you see the quality of the stock as it reaches you, you will want them regularly. You can make a good profit.

Fancy Stevia now Ready—How Many Will You Have?

VALLEY

Can ship fancy Valley in any time and in any quantity. We always have it.

LILIES

We are headquarters for Easter Lilies. The supply will increase rapidly when Mums go out.

You Can Get Here Everything in Green Goods, of Best Quality and at Closest Jobbing Prices

NOW BOOKING CHRISTMAS ORDERS **Holly, Bouquet Green, Mistletoe, Holly Wreaths, Evergreen Wreathing, Laurel Wreathing, Winter Berries, Boxwood, Wild Smilax.** Don't place orders elsewhere without getting our quotations. We meet the market, always, and usually can go one better on any price that is quoted, always considering that best grades are wanted. We do not handle the berryless holly or dried-out, colorless greens.

If You Have Not Seen Our New Catalogue of Supply "Specials," Send a Postal for It.

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **66 E. Randolph Street, Chicago**

Mention The Review when you write.

Charles Erne now is salesman for the Chicago Flower Growers' Association.

The funeral of the late G. H. Pieser, of Kennicott Bros. Co., held November 16, was largely attended, many in the trade being present. The pallbearers were John Zech, of Zech & Mann; A. L. Vaughan, of Vaughan & Sperry; F. F. Benthey, of Kyle & Foerster, and Frank Ayers, with C. W. McKellar, all old business associates.

Percy Jones reports the arrival of the first Romans early last week.

George Scott, one of the old-timers in the flower business, but for some years engaged in another line, is again with E. F. Winterson Co.

Clifford Pruner has returned from a good trip as far west as Denver for E. H. Hunt. A. F. Longren, also traveler for Hunt, is in to help handle the holiday rush.

Wm. Dittmann, New Castle, Ind., is shipping Beauties to Kyle & Foerster. W. P. Kyle, who was at New Castle recently, says Mr. Dittmann is home again and enjoying good health.

N. J. Wietor made a thorough inspection of the greenhouses of Wietor Bros., Sunday morning, and came back to the store Monday highly elated with December prospects.

A. C. Kohlbrand, with the E. C. Amling Co., visited at his old home in Cincinnati last week, attending the flower show there.

J. P. Risch, of Weiland & Risch, has been on the sick list for several days, suffering with a severe cold.

Frank Ayres has returned from Texas.

Tim Matchen reports the return of Peter Reinberg and Mayor Harrison from Duquoin, November 19, laden down with quail.

MUMS

Ready. We are headquarters, as usual.
Let your orders come.

Growers, attention! Why not sell your own stock? We have the finest location in the Chicago market and space enough to accommodate several growers selling their own stock.

PERCY JONES

56 East Randolph Street, CHICAGO

Mention The Review when you write.

ORDER For Thanksgiving

Our stock includes all grades of **Roses,** extra long fancy, also short, but the largest part is the **medium** long grade, the kind the out-of-town buyers require in **quantity.** We can handle a big business. **Killarney, White Killarney, Maryland, Richmond, Bride, Bridesmaid, Beauties and the Novelties.**

CARNATIONS AND MUMS

We shall have a good crop of all the best varieties of Carnations and a large supply of the fine late Mums, including Pompons. **Violets,** both single and double, **Lilies, Valley, etc.**

HEADQUARTERS FOR ALL GREEN GOODS——BRONZE GALAX IN QUANTITY.
Personal Attention to Every Order. We WORK to Please.

ZECH & MANN, WHOLESALE FLORISTS L. D. Phone, Central 3284 162 N. Wabash Ave. **Chicago**

Mention The Review when you write

Albert A. Sawyer, pansy and aster grower at Forest Park, and inventor of handy appliances for florists, is putting on the market a convenient little tool for transplanting seedlings.

Bassett & Washburn showed the only Rhea Reid roses at Milwaukee and took first in the class for "any other rose" over some excellent Maryland.

What the city dailies call a "millionaire jury" is trying insanity cases at the detention hospital. Among the "millionaires" mentioned as on the jury are James A. Patten, the wheat king; Harold McCormick, the harvester king; Sterling Morton, the salt king; Joseph Trinz, florist and theatrical magnate, and other mercantile monarchs.

A. T. Pyfer expresses himself as well pleased with the results of the fall shows as far as concerns the Chicago Carnation Co. Detroit next.

Henderson & Co. report being practically cleaned up on Dutch bulbs.

At the store of the Batavia Greenhouse Co., Miss Ida Evert, who has selling space there, says her brother has practically completed repairs to the house damaged in the storm November 11.

Poehlmann Bros. Co. reports an increasing demand for the exhibition grade of roses. They have been getting $20 per hundred for the longest Killarneys.

An intoxicated man broke one of the show windows of L. Baumann & Co. one night last week, entered, pillowed his head in some ruscus wreaths and went to sleep.

Frank Paszkiet, of the Wietor store staff, and Miss Martha Robakowski, were married Wednesday, November 22, at St. Mary's church. The national customs were observed, a reception following the ceremony.

The old street number of Hoerber Bros. appeared in last week's Review. Habit of long standing makes it difficult to drop 51 Wabash and say instead 162 North Wabash.

The city papers say that Mrs. Nettie Metz, who has been separated from her husband, H. W. Metz, ten years, is trying to find him. Metz, who formerly owned a flower store at Ashland boulevard and Van Buren street, is said to have neglected to pay alimony, the amount due being more than $700. Mrs. Metz has been an invalid seven years and recently underwent an operation. Metz sold out his store and his wife's attorney has been unable to find him.

WESTERN

ORCHIDS

Chas. W. McKellar 162 N. Wabash Avenue, CHICAGO

Headquarters

Thanksgiving Prices

ORCHIDS			
Cattleyas, pinkish lavender	Per doz.,	$6.00 @	$ 7.50
Cypripediums	"		2.00
Vandas, pale lavender	"		3.00
Dendrobium Formosum, white		5.00 @	6.00
Dendrobium Phalaenopsis, pink sprays,	per 100,		15.00
Oncidium, yellow	"	3.00 @	5.00
Boxes assorted Orchids, $5.00 and up.			
AMERICAN BEAUTY—Specials,	Per doz.,		6.00
36-inch	"		5.00
30-inch	"		4.00
24-inch	"		3.00
20-inch	"		2.50
15 to 18-inch	"		2.00
Shorter	"	1.00 @	1.50
Killarney	Per 100,	4.00 @	8.00
White Killarney	"	4.00 @	8.00
My Maryland	"	4.00 @	8.00
Richmond	"	4.00 @	8.00
Mrs. Field	"	4.00 @	8.00
ROSES, our selection	"		4.00
" extra special, select	"	10.00 @	12.00
CARNATIONS			
Select	Per 100,	2.00 @	3.00
Fancy	"	4.00 @	5.00
Extra fancy			6.00
MISCELLANEOUS STOCK			
Gardenias	Per doz.,	4.00 @	6.00
Valley	Per 100,	3.00 @	4.00
Easter Lilies	"	10.00 @	12.50
Chrysanthemums	Per doz.,	1.50 @	3.00
" extra fancy	Per doz.,		4.00
" Pompons	Per bunch,	.50 @	1.00
Violets, double			1.00
" single		.75 @	1.00
Sweet Peas		.75 @	1.25
Paper Whites		3.00 @	4.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 @	.60
Asparagus Plumosus	Per bunch,	.35 @	.50
Asparagus Sprengeri	"	.25 @	.50
Adiantum	Per 100,	.75 @	1.00
Farleyense	"	10.00 @	12.00
Smilax	Per doz., $1.50		
Mexican Ivy	Per 1000, 6.00	"	.75
Ferns	" 1.50	"	.20
Galax, green	Per 1000,		1.25
" bronze	"		1.50
Leucothoe	Per 100,		.75
Wild Smilax	Per case,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Subject to market changes

ORCHIDS—SPECIAL

We have an unusually large and fine supply of that splendid white orchid, Dendrobium Formosum. In full crop for Thanksgiving.

CHAS. W. McKELLAR
162 N. Wabash Avenue, CHICAGO

Mention The Review when you write.

Matthews & Co., 206 East Fifty-eighth street, have gone out of business.

E. Wienhoeber Co., on Elm street, says business has picked up encouragingly in the last few days.

Chicago detectives are searching for Bessie L. Perry, 16 years old, daughter

Our Leaders For Thanksgiving Are

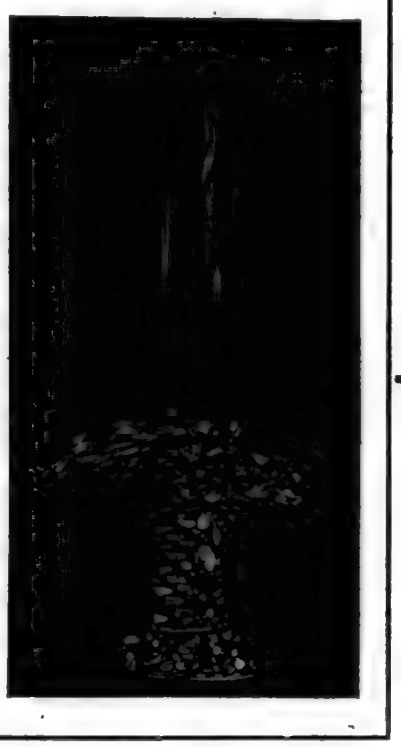
MUMS THE BEST RICHMONDS

Also can supply fine Beauties and all other stock in season. Why not give us a share of your orders? We know we can please you.

Batavia Greenhouse Co.

Greenhouses: Batavia, Ill. L. D. Phone 2995 Randolph Store: 30 E. Randolph St., CHICAGO

Mention The Review when you write.



Holiday Baskets

Should be ordered now to insure their shipment by the time you need them. We have a complete stock of cut flower and plant baskets and offer our popular

Assortments From $10 Up

Your check enclosed with your order will bring prompt shipment.

When you buy from us, you buy from the factory—at factory prices.

THE RAEDLEIN BASKET CO.
717 Milwaukee Ave., Chicago

Mention The Review when you write.

of W. B. Perry, a Cresco, Iowa, florist, who disappeared from her home October 10 and who is believed to have been kidnaped by a man who formerly worked in the Iowa city. The parents of the missing girl have offered a reward of $100 for a clew which will lead to finding her.

At Evanston building permits have been issued to Peter Risch for greenhouses at 1023 to 1111 Warren street,



This cut shows the front label on ½-lb. package.

Attractively printed in two colors. Will sell on sight.

Mr. Retailer:

There is no better plant food than this for your trade and none that equals it in profit for you.

Order a crate of each size for your winter plant trade. Ask for particulars.

The popular price and liberal profit make this the plant food you should handle.

Packed in sealed boxes as follows:

½-lb. retails at 10c.—Per crate of 24 ..... $1.25
1-lb. " " 15c.— " " " 1.50

F. O. B. Chicago.

The Pulverized Manure Co.

33 Union Stock Yards, CHICAGO, ILL.

For Thanksgiving Day

RICHMOND - MARYLAND - WHITE and PINK KILLARNEY

Place your order with us and get the best to be had in quality and price. We are offering exceptionally well-grown stock at very attractive prices. All grades represent equally good value. The supply of our Killarney is large and extra fine. We also have plenty **Special BEAUTIES, stems 36-inch and over.**

Carnations

Plenty of the two Wards. Good supply of other varieties, the kinds that ship well and give satisfaction.

Chrysanthemums

A good stock of all seasonable varieties. We do not hesitate to say that our Mums, for quality, will exceed anything we have ever offered.

White Lilac and Bouvardia

Include some of this stock in your order. We have the best supply of Bouvardia in this market.

BOXWOOD, per 50-lb. crate, $7.50

The Leo Niessen Co. WHOLESALE FLORISTS
N. W. cor. 12th and Race Sts., PHILADELPHIA, PA.
Open from 7 a. m. to 8 p. m.

Mention The Review when you write.

to cost $6,000, and to Michael Leider for greenhouses at 1316 Oakton street, to cost $14,000.

Visitors: R. Vincent, Jr., and Mrs. Vincent, White Marsh, Md.; B. Eschner, Philadelphia; W. R. Pierson, Cromwell, Conn.; W. P. Craig, Philadelphia; M. Reukauf, Philadelphia; H. Will and William Desmond, Minneapolis.

PHILADELPHIA.

The Rising Eastern Market.

The market shows decided improvement for the week ending November 22. The supply of flowers has increased, but the demand for them has increased even more than the supply. Prices have advanced on cattleyas, on Beauties and on violets, strong evidence that the social season has opened in earnest.

Chrysanthemums still are the leading flower. Some select Golden Chadwick, with Golden Eagle and a few others, bring $3 and occasionally $4 a dozen. These are the exceptions. Really fine stock can be had for $2 to $2.50 a dozen. The best chrysanthemums sell far more readily than ordinary blooms. Bonnaffon is undoubtedly the leading variety. Yellow pompons are preferred to other colors in that class.

Violets continue scarce and in active demand; $1.25 to $1.50 is the price on the best, both in singles and in doubles. Cattleyas have shortened, with prospects of a fortnight's scarcity; $7.50 to $9 is the ruling price. Beauties are exceedingly fine. Strong demand has advanced them to $4 to $5 a dozen in the face of a good supply. There is no especial change in the other roses, excepting that they are selling better. The poorer grades benefit most by the improvement.

The carnation situation is brighter. Prices are unchanged, but the average figures are better than a week ago. Valley has been quite shy, at times unequal to the demand. Gardenias and sweet peas are good stock. The abundant supply of Easter lilies and the moderate supply of callas is in excess of requirements. The out-of-town demand is strong.

Thanksgiving

orders that reach us early will secure the cream of a splendid stock of

CHRYSANTHEMUMS

yellow, white and pink, also

Pompons, in all colors.
Roses, red, white and pink.
Carnations, a good assortment of the best varieties.
Violets, single and double.

Our Sensational Novelty Rose.... **PRINCETON** is ready now.
May we have your regular and special orders for December?

BERGER BROS.

Wholesale Florists

140-142 North 13th Street, Philadelphia, Pa.

Mention The Review when you write.

Various Notes.

William H. Moon, the successful nurseryman, died suddenly in Trenton, N. J., November 18, of apoplexy.

Sydney Bayersdorfer has returned from the south. He went as far as Atlanta, Ga., and was cordially received everywhere.

Robert Bragg commenced work with Berger Bros., November 20.

Samuel S. Pennock was called out of town for a couple of days last week by a death in the family.

William P. Craig is in the middle west.

The Leo Niessen Co. has rented all the floors in its new building from December 1.

Fisher Howe, member of the firm of Stockton & Howe, Princeton, N. J., spent a couple of days with friends at Chestnut Hill last week. While there he visited the rose-growing establishments of Adolph Farenwald, Victor Groshens and Edward Towill.

Arthur Zirkman, of M. Rice & Co., is home from a good business trip. He reports an unusual demand for red immortelles and excellent business conditions. Mr. Zirkman mentioned a curious incident: A relative of whom he had lost sight picked up the notes dropped by a horticultural writer, and through them traced him.

A party of Philadelphians visited Charles H. Totty, at Madison, N. J., November 21. They were John C. Gracey, William K. Harris, Charles E. Meehan, Stephen Mortensen, Mark P. Mills, Casper Pennock, Samuel S. Pennock and Alexander B. Scott.

Recent visitors included William J.



HEADQUARTERS FOR

Christmas Greens

Special Selected Grades for Florists

Holly **Mistletoe** **Lycopodium**

Wreaths—Laurel, Holly and Lycopodium

Roping—Laurel and Lycopodium

Moss—Green Lump and Sheet

and all other specialties for the Holidays. Special circular, with prices, mailed to all.

Henry F. Michell Co.

518 Market St., Philadelphia

Mention The Review when you write.

FOR THANKSGIVING

Roses – Carnations – Lilies – Valley – Gardenias – Violets – Orchids

CHRYSANTHEMUMS

Pink (Rosette) **White** (Jeanne Nonin) **Yellow** (Golden Chautauqua) (Chadwick and Bonnaffon)

Philadelphia Cut Flower Co.,

1517 Sansom Street, Philadelphia, Pa.

OPEN UNTIL 8 P. M.

Mention The Review when you write.

Halliday, Baltimore, and John L. Ratcliff, Richmond, Va.

R. G. Shrigley is on the staff of the Philadelphia Cut Flower Co.

Edward Reid is shipping briskly.

Theodore Edwards, of Bridgeton, N. J., is sending Paper Whites to W. J. Baker.

Bassett & Weller, of Hammonton, N. J., have named their red seedling dahlia, Governor Wilson. The cut blooms brought $4 a hundred with the S. S. Pennock-Meehan Co., in New York.

Alfred M. Campbell has some of the finest Bonnaffon seen this season.

Berger Bros. received the first blooms of the bright pink rose, Princeton, November 20.

Alban Harvey & Son, Brandywine Summit, Pa., have their new house, which is 64x250 feet, in sweet peas, Christmas Pink, Florence Denzer and Wallacea.

George D. Roberts has joined the force of M. Rice & Co.

Joseph G. Neidinger received ninety-eight cases of merchandise last week on four different steamers. They included ruscus wreaths, immortelle wreaths and chrysanthemums.

James Hill, formerly with George S. Faulkner, is now first lieutenant for Mills the Florist, Inc., at Jacksonville, Florida.

Robert Craig will deliver the third Michell lecture November 25, at 3 p. m. Subject, "Progress in Floriculture." Professor Corbett, of Washington, D. C., will deliver the fourth lecture December 4. The Michell lecture hall will be enlarged January 2. Phil.

NEW ORLEANS.

The Market.

The opening of the French Opera House, November 14, marked the inauguration of the social winter season and much is expected from this by the different florists. If the attractive custom of carrying a few flowers is kept up by the ladies occupying boxes on opera nights, it means surely a boon for all the storekeepers in the florists' line. Several hundred expensive bunches and corsages were furnished by the leading florists and added greatly to the beautiful and dazzling spectacle.

The convention of the National Bankers' Association in the Crescent City, during the present week, is calling for many decorations, some of them on an elaborate scale, with an additional demand for high grade cut flowers. Many receptions for both day and evening, as well as some weddings, are scheduled on the social calendar for the season and an optimistic view on the part of the florists in general is prevailing.

The landscape gardeners are kept quite busy at present with the sowing of English rye or winter grass, and the planting of bulbs and annuals. Both of these bloom here outdoors during the winter months, and, with the carpet-like, beautiful lawns, give to our gardens a charming, spring-like appearance. Since the beginning of this month we have had all kinds of sudden changes in the temperature, ranging from 85 to 33 degrees, but no damage to plants was done, all the tender ones being housed.

Club Meeting.

The New Orleans Horticultural Society held a highly instructive monthly meeting November 16, at Kolb's German Tavern. President Claude Ory and Secretary C. R. Panter were in their respective places and there was a large and enthusiastic attendance. C. R. Panter, as chairman of the show committee, brought in a verbal report,

THE FLORISTS' SUPPLY HOUSE OF AMERICA

Specialties in Made-up

IMPORTED WREATHS

Made of **Statice.** Natural, all sizes.
Made of **Ruscus.** Green and Red, all sizes.
Made of **Immortelles.** Red, White and Purple, all sizes; the wrapped kind and American-made style.
Made of **Moss.** Fine and good this year, all sizes.
Made of **Magnolia Leaves.** Green or Brown.
Made of **Magnolia Leaves.** Green or Brown, with wax flowers.
Made of **Magnolia Leaves.** Green or Brown, with wax flowers and Cycas Leaves.
Made of **Cycas Leaves.** All sizes.
Made of **Magnolia Leaves, Cones, Thisties,** etc., called Forest Wreaths. A most excellent seller.
Made of **Holly,** with berries. Green or Brown. They are good sellers.

H. BAYERSDORFER & CO., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.

WHITE LILAC

Your customers will appreciate this; it is sure to give satisfaction.

Cleveland McCALLUM CO. Pittsburgh

Mention The Review when you write.

stating that the Truck Farmers' Association had appointed a committee of five, that the Shippers' Association will do the same at its next meeting, during this month, and that all the different committees will meet together shortly and the results of that meeting will be brought before the members of the society at its next meeting, in December.

Dan Newsham and John Bollwinkle were elected members of the society.

Richard Eichling, foreman of U. J. Virgin's nursery, read a paper on "A Few Foliage Plants for the Wholesale and Retail Market," describing in brief the profitable culture of such plants as Areca lutescens, Livistona rotundifolia, Latania Borbonica, dracænas and crotons. He exhibited Areca lutescens, Dracæna fragrans and four varieties of crotons, all in perfect condition.

The Metairie Ridge Nursery Co., Harry Papworth, president, had an elaborate exhibit of greenhouse-grown chrysanthemums, which attracted a great deal of attention. Most noteworthy among them were perfect blooms of Beatrice May, Colonel Appleton and M. Loiseau Rousseau. Harry Dressel, the expert rose grower for the same firm, showed some fine vases of American Beauty, Bridesmaid, Bride, Kaiserin, The Queen, Mrs. Roosevelt, Chateau de Clos Vougeot, and a vase of twelve varieties of imported and domestic new roses, especially grown for trial purposes. Mr. Dressel has been highly successful in growing roses under glass since taking charge of the Metairie Ridge Nursery rose houses.

J. A. Newsham exhibited a fine specimen of the butterfly orchid from Guatemala.

Otto Kronmueller and Thomas F. Kearney, with the Stumpp & Walter Co., New York, were visitors at the meeting. R. E.

STOCKS FOR EASTER, 1912

MICHELL'S FLOWER MARKET STOCK

The Best of all Winter Flowering Stocks
Sown now, will be ready for cutting Easter

COLORS:

Pure White, Flesh Pink, Rose Pink, Light Blue, Dark Blue, Blood Red and Mixed.

½ Trade Packet	Trade Packet	¼ Ounce	Ounce
30c	50c	$1.00	$3.50

WRITE FOR CURRENT WHOLESALE CATALOGUE.

See our SPECIAL BULB OFFER, page 29, Nov. 2 issue of The Review.

HENRY F. MICHELL CO.

518 Market Street, Philadelphia, Pa.

Mention The Review when you write.

WASHINGTON.

The Market.

Business might be better, and it is getting better. Weddings have been numerous of late. The football game between the Georgetown and Virginia Universities, November 18, caused a big demand for flowers. The rah-rah boys cleaned out all the yellow mums in town for their sweethearts and relatives. The coming Army and Navy game is expected to help some more.

Violets are good and going well. Mums may be somewhat scarce this week, as efforts will be made to avoid cutting, so as to supply the Thanksgiving demand. Orchids are improving in quality and the supply is sufficient, although good Trianæ is bringing $7.50 to $9 per dozen, and small "Percies" sell for 35 to 50 cents. Valley is all right. The demand for roses is growing and their quality improving.

Various Notes.

The Washington Florists' Club, at its recent meeting, decided to continue assembling in Gude's store, instead of engaging permanent quarters elsewhere.

The Flower Store will move shortly from 2926 Fourteenth street to the corner of Fourteenth and Harvard streets.

George H. Cooke is running another

BULLETIN No. 10

RED RUSCUS WREATHS

IDEAL RED RUSCUS WREATHS will not be plentiful this season. You will be able to get ordinary stock, but the IDEAL RED RUSCUS WREATHS, that is, RED RUSCUS WREATHS of quality, will not be equal to the demand, so to save yourself disappointment send your order now for "at once" or "future" shipment.

We offer this high grade stock, from the best German manufacturer, at the following special prices:

Ideal Red Ruscus Wreaths, 12 inches diameter, per doz..... **$4.00**
Ideal Red Ruscus Wreaths, 14 inches diameter, per doz..... **5.00**
Ideal Red Ruscus Wreaths, 16 inches diameter, per doz..... **6.00**

It will pay you to watch for our Bulletins.

JOS. G. NEIDINGER, MANUFACTURER and IMPORTER of FLORISTS' SUPPLIES 1513-15 GERMANTOWN AVENUE, **PHILADELPHIA, PA.**

Mention The Review when you write.

The Cleveland Florists' Exchange

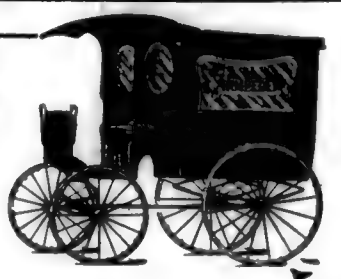
606 Huron Road, CLEVELAND, OHIO.

Wholesale Commission Florists, Importers, Jobbers and Manufacturers of Florists' Supplies and Novelties.

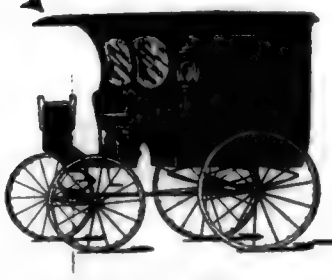
Send us your list for prices. All seasonable flowers. Consignments of good stock solicited.

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A HANDSOME WAGON



makes a first-class advertisement of your business. You can save money by buying an **ARMLEDER** direct from us. Over 100 styles to select from. **Ask** for **your copy** of our catalogue today. It's free.

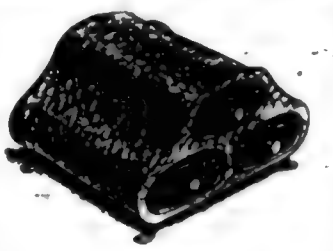


THE O. ARMLEDER CO., CINCINNATI, OHIO

Mention The Review when you write.

INSURANCE OF YOUR PLANTS FROM FREEZING in cold weather may be obtained at trifling cost if you will use a

Lehman Wagon Heater



There is no danger of fire; no smoke, dirt or gases to injure the plants. They burn **Lehman Coal,** which costs less than half a cent per hour. **400,000 Lehman Heaters** are in use, which clearly shows they have merit. Florists everywhere use and recommend them **Have you one? Beware of imitations!** Write for circular telling more about them.

LEHMAN BROS.,
Manufacturers,
10 Bond St., NEW YORK

J. W. ERRINGER,
General Western Sales Agent,
20 E. Randolph St., CHICAGO, ILL.

Mention The Review when you write.

store, known as The Flower Shop, at 1100 Connecticut avenue.

During the last week Gude Bros. Co. furnished decorations for seven weddings. Notable among these were the decorations at the Roosevelt-Bayne wedding, a prominent society event.

Another matrimonial event of special interest was the marriage of Miss Marie Gude, daughter of Adolph Gude, and Mr. De Shields, a newspaper man. The latter took place at the New York Avenue Presbyterian church, which was decorated with 800 mums, seventy-five palms and ten cases of smilax, also other flowers. The bride carried a shower bouquet of lilies of the valley and white orchids. She was preceded down the aisle by the flower girl, Miss Louise Gude, William F. Gude's daughter, who scattered pink roses in the bride's path. Local florists in large numbers attended the wedding. The young couple have received many congratulations and good wishes, besides handsome gifts.

Gude and Marche are having their stores painted in preparation for the winter trade.

Marche has been quite busy of late supplying decorations for several business openings and on funeral work.

Z. D. Blackistone reports that his business during the week since his opening shows an increase of 100 per cent over the same week last year. He wishes to acknowledge with thanks the good wishes of many friends in and out of the trade. A number of floral gifts were presented to Mr. Blackistone during the week, notable among them being handsome offerings from Mr. and Mrs. George Field, G. G. Cornwell & Sons, S. S. Pennock-Meehan Co., Harry Ley, the Washington Florists' Exchange, Theodore Diedrich, Adolph Bowdler and H. C. Summers, all of Washington; also from Edward Reid, of Philadelphia. The employees of the Blackistone establishment presented their chief with a handsome desk set of brass.

W. R. Smith has improved so that he is able to sit in a rolling chair and move around the hospital.

Trade visitors here during the week included Paul Berkowitz, of Bayersdorfer & Co., Philadelphia, and Mr. Dykes, with Jansen, New York.

Manager McKissick, of the Pennock-Meehan Co., says that when their projected new building in H street is ready next year, on the site of the present

office of the Columbia Nursery Co., Pennock-Meehan Co. will carry on hand large stocks of smilax and other bulky goods, for which they now have little room. H. C. H.

BOSTON.

The Market.

Business last week was extremely quiet, but the present week starts out with an improved tone. The bulk of the smaller grade chrysanthemums are now, fortunately, out of the way and the arrivals are nearly all good stock. Leaders among mums are Intensity, Bonnaffon, Shrimpton, Maud Dean, Eaton, Yellow Eaton, Jeanne Nonin, President Roosevelt, Nagoya and Patty. Prices do not show much change. In exceptional cases $4 per dozen has been paid for crimsons for the football games, but the average for good flowers is much below this. Roses are shorter in supply, with prices well maintained. Carnations are averaging a little better, but no fancy prices are obtainable while mums are so abundant.

Violets are selling at higher rates, the football games having called for large quantities. The Harvard-Yale game November 25 at Cambridge will cause a heavy run on these and crimson mums. Paper White narcissi are abundant. Some Soleil d'Or also is seen, as well as Roman hyacinths. There still is plenty of cosmos, but it sells slowly. Pink antirrhinum is in strong demand; other colors do not sell so well. Marguerites are scarce. Valley sold a little better last week, but still is too plentiful. Lilies and callas are each selling fairly well. Some mignonette is arriving, but the quality is poor as yet.

Gardenias are more plentiful, but the call is uncertain. The cattleya supply is steadily declining and prices are a little better. There is an abundance of cypripediums, dendrobiums, phalænopsis and yellow oncidiums. There is a better demand for both asparagus and adiantum. Plant trade is picking up nicely.

Various Notes.

Arthur Robbins, for eight years with Penn and later in charge of the flower stand at Back Bay station, H. Lerner and A. I. Caplan have opened a new flower store at 169 Tremont street, under the title of the Flower Growers' Exchange. The store is attractively fitted up and a fine line of choice flowers is carried. Being in the heart of the shopping district, a big business should be done. Mr. Robbins is well pleased with trade up to date.

Wm. E. Turner, G. P. Russell and Alex. Woburn, all of Woburn, have splendid single violets now at the Boston Coöperative Market. Mr. Porter, in addition, has excellent sweet peas.

Thomas F. Galvin disposed of over 70,000 violets November 18, for the Princeton-Yale football game at New Haven.

Perry E. Green, of Quincy, is specializing on Cosmos Lady Lenox. Yellow pompon mums also are selling well.

F. H. Houghton had a big wedding order for November 22, having, in addition to bouquets, the bride's house and the Old South Church to decorate, which he did in his usual artistic manner.

H. F. Calder, of Norwood, who is one of our double violet growers, has, in

FLOWER GROWERS SALES CO.
INCORPORATED
BOSTON, MASS.
Direct from Grower to Dealer.

DIRECTORS
E. Allan Peirce — C. H. Holbrow
Louis J. Reuter — Frank Dolansky
J. Frank Edgar — Frank P. Putnam
Wm. Sim — A. A. Pembroke
Thos. Roland — Wm. Lenk
Wm. Jurgens — Wilfred Wheeler

THE BEST
Roses,
Pansies,
Carnations,
Violets,
Sweet Peas,
Mums,

Easter Lilies,
Gardenias,
Adiantum
and
Sprengeri
coming into Boston are sold by this company.

Galax,
Hardy Ferns and
Florists'
Supplies
of all kinds are handled for the convenience of the trade.

Correspondence Solicited

Salesroom at BOSTON FLOWER EXCHANGE PARK STREET Telephone 1640 Haymarket

Office at SIX PROVINCE COURT Telephone 3108 Fort Hill

Mention The Review when you write




A Good Place to Buy
Cut Flowers, Palms, Ferns, Bulbs and Florists' Supplies. Write them next time you need something.
C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write.

Sprays - - Ferns
NEW CROP, FRESH FROM THE PATCH
Fancy and Dagger Ferns, 75c per 1000.
Long Green Leucothoe Sprays, $2.50 per 1000.
Short Green Leucothoe Sprays, $1.25 per 1000.



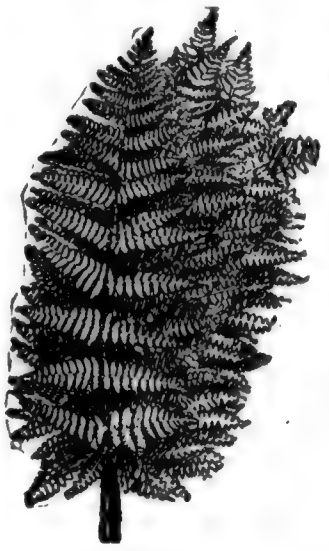

Green Galax	$0.45 per 1000
Hemlock Sprays	1.50 per 1000
Rhododendron Sprays	2.00 per 1000
Mountain Laurel Sprays	1.50 per 1000

Discount on large orders. Eighteen years in the business. Send me your orders.
J. N. PRITCHARD, Elk Park, N. C.

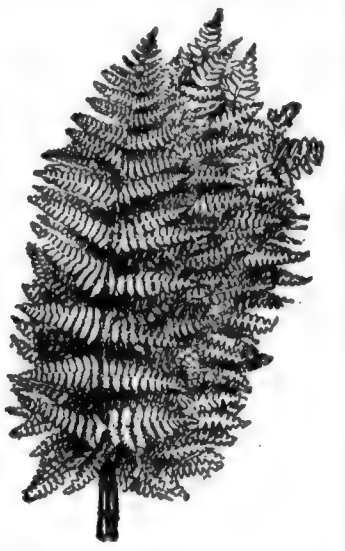
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FLORISTS' REVIEW
When Writing Advertisers

NEW
Bronze Galax
This season's picking.
$7.50 per case;
five case lots at $6.50 per case.
C. E. Critchell
CINCINNATI, OHIO

Always mention the Florists' Review when writing advertisers.



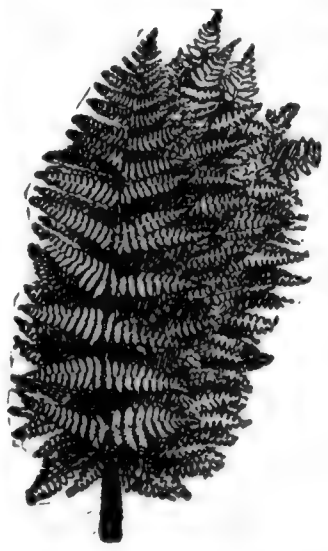
Fancy Ferns



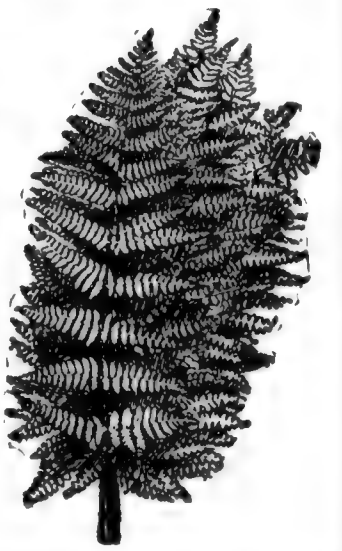
Finest stock in the country

$1.25 per 1000 Discount on large orders. **$1.25 per 1000**

Place your standing orders with us.
Full supply all the year around.



Imported green and bronze Magnolia Baskets, $2.25; 6 baskets	each	$2.00
Galax Leaves, green and bronze	per 1000,	1.25
Green Leucothoe Sprays, extra fine	per 1000,	7.50
Boxwood	per lb., 20c; per case, 50 lbs.,	7.50
Wild Smilax	50-lb. case,	5.00
Sphagnum Moss	large bales,	1.50



Full supply Cut Flowers at all times.

Michigan Cut Flower Exchange

38-40 Broadway, Detroit, Mich.

Mention The Review when you write.

We are now shipping

Southern Wild Smilax

Natural and Perpetuated

SHEET MOSSES

E. A. BEAVEN, - EVERGREEN, ALA.

Mention The Review when you write.

addition to Lady Hume Campbell, a fine lot of Swanley White.

The Boston Flower Growers' Sales Co. has special extra salesmen and business is increasing satisfactorily.

S. J. Goddard, of Framingham, has a fine lot of the beautiful late pink mum, Patty, for which Thomas Pegler finds a quick sale.

A. F. Coolidge, at the Boston Coöperative Market, is having a big demand for nephrolepis, also Bonnaffon mums, which are of fine quality.

Edgar Bros., of Waverly, have the finest Intensity mums I have seen this season, which have sold as high as $4 per dozen.

Wilfred Wheeler is away on a trip to Bermuda for his health, but will be home in time for Christmas.

Harvard, a new crimson scarlet mum from E. D. Smith & Sons, was before the Boston committee of the C. S. A. November 18. It is a big advance on Shrimpton and the color is just what is needed by Harvardites.

Thomas Roland has work well advanced on his new 600-foot greenhouses at Revere. Painters are now busy on the roofs. Mr. Roland is cutting a fine lot of gardenias and cypripediums.

H. W. Vose, through E. J. Rogean,

WHOLESALE



Galax, Ferns, Leucothoe



—Ask for Price List—

The North Carolina Evergreen Co., - Banners Elk, N. C.

Mention The Review when you write.

IN THE SWIM

I must be in the swim,
You might forget my name,
And say I was to blame,
If you do not get the best.
So write—I'll do the rest.

Christmas Trees, Spruce or Balsam from 1 foot to 30 feet, in any quantity, also **Baled Spruce, Balsam** and **Hemlock Boughs,** by bale or carload, **Laurel** and **Evergreen Festooning** and **Wreaths, Sphagnum Moss,** hardy cut fancy and dagger **Ferns.** Yearly contracts made for them.

Send for Price List. Order Christmas Trees now, so as to be served in time and not be left.

H. J. SMITH, Hinsdale, Mass.

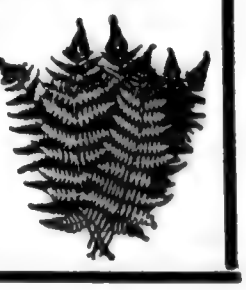
Mention The Review when you write.

J. H. VON CANON & COMPANY



Evergreens Fresh From The Woods

Galax, Green, 50c per 1000; $3.50 per case of 10,000.
Galax, Bronze, ready about Nov. 20.
Ferns, Fancy and Dagger, 80c per 1000; $3.50 per case of 5000.
Green Leucothoe, regular lengths, $1.75 per 1000.
Green Leucothoe, 10 to 16-inch, $1.00 per 1000.
Laurel Leaves, 35c per 1000. **Sheet Moss,** 5c per lb.
Cash with order.



Wire Us
Elk Park, N. C. **BANNERS ELK, N. C.**

Mention The Review when you write.

Ferns——Galax——Moss

HEADQUARTERS FOR SOUTHERN WILD SMILAX

$3.00, $4.00 and $5.00 per case.

New Fancy Ferns
Per 100.....15c Per 1000.....$1.25

Green Leucothoe Sprays
Per 100.....50c Per 1000..... 5.00

Boxwood
Per lb.....20c Per case of 50 lbs.... 7.50
Per case of 100 lbs.....$14.00

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000.....$7.50

Green Galax Leaves
Per 1000..... 1.00 Per 10,000..... 7.50

Mexican Ivy
Per 100.....75c Per 1000..... 6.00

Green Sheet Moss
Per bundle.....$1.00 10 bundles ....$ 9.00
25 bundles..... 21.00

Sphagnum Moss
Extra large bales.....$1.50 per bale

SPECIAL PRICES ON LARGE QUANTITIES.

Imported Bronze and Green Magnolia Leaves, $2.00 per basket
Everything in Florists' Supplies

Full Line of Cut Flowers and Other Greens at All Times.

C. E. CRITCHELL, Wholesale Commission Florist, 34-36 East Third Ave., **Cincinnati, Ohio**

Mention The Review when you write.

has no trouble in selling his mums, which include excellent flowers of Intensity, Shrimpton, Roosevelt, Enguehard and Bonnaffon. He also has Soleil d'Or narcissi.

Paul E. Richwagen, of Needham, is making a big strike on pink snapdragons, which are sold almost before his boxes are opened.

The annual election of officers of the Gardeners' and Florists' Club will be held December 19. Two field days are planned for December.

Peirce Bros. were first in the market with stevia, which they now have in quantity. In mums, their Roosevelts are extra good. They are also getting a big lot of high grade carnations, which are all sold through the Flower Growers' Sales Co.

John McKenzie, of Cohasset, at the Boston Coöperative Market, has sweet peas, Paper Whites, carnations and mums, all of good quality.

Thomas Capers, of Highlandville, is an excellent carnation grower. His specialties are Winsor, Beacon, Queen, Fenn, White Enchantress and Fair Maid.

Wm. Patterson, of Wollaston, is the king of the local growers of bachelor's buttons. He also has fine wallflowers.

Herbert L. Cox, of Winchester, is a grower of Princess of Wales violets who is this season having extra success with them.

The W. W. Edgar Co. is already in the market with well flowered poinsettias.

Eaton mums are not so much in evidence as in former years, but S. J. Reuter & Son have both the yellow and white varieties of grand quality.

McAlpine's Killarneys and Aaron Wards, grown at Exeter, N. H., are a revelation to flower buyers. This new and enterprising rose grower has already secured an enviable reputation.

Business is excellent with H. M. Robinson & Co., and they are anticipating a big Thanksgiving trade. Shipping trade is heavy.

At the Boston Coöperative Market, Edward Wood, of Lexington, is showing a fine grade of Bonnaffon and En-



THIS IS THE MONTH TO PLACE YOUR ORDERS FOR

Baled Spruce Branches and Christmas Trees

Our quality is the best, our prices reasonable.
Early orders assured of prompt delivery.

L. B. BRAGUE & SON, {Established 1867} **Hinsdale, Mass.**

Mention The Review when you write.

Attention Buyers!

Laurel Festooning made as a specialty

Just what your order calls for, and nothing else, is what you get when placing your order with us.

Florists will find it to their advantage to anticipate their wants for the coming season, by placing their orders with us early. Sample leaves cheerfully sent upon application.

RIGHT WHERE THE LAUREL GROWS. TELL US YOUR WANTS.

THOS. A. ZETO, **Newfield, N. J.**



FINE EVERGREENS

Ferns and Leucothoe Sprays a specialty.
Get our price list before ordering.

F. H. STINSON, Banners Elk, N. C.



Mention The Review when you write

FERNS and GALAX New crop, fresh from the patch.

Fancy and Dagger Ferns, 70c per 1000.
Green Galax, 50c per 1000.
Green Leucothoe Sprays, $2.00 per 1000; short, 12 to 16-in., $1.00 per 1000.
Discount on large orders. 10 years' experience.
Cash with first order.

R. L. HODGES, Banners Elk, N. C.

Boxwood Sprays

Free from excess wood. Special tree variety. Excellent material. Shipped from southern plantations.

Pittsburgh Cut Flower Co.
121 Seventh St., Pittsburgh, Pa.

Christmas Trees

Carload or small lots. Laurel and Bouquet Green Roping, 5c and 6c per yard.

John Abbott, HINSDALE, MASS.

1887--1912

SOUTHERN WILD SMILAX

Caldwell The Woodsman Co.

Everything in Southern Evergreens.

EVERGREEN, ALA.

Mention The Review when you write.

WHOLESALE PRICE LIST

Headquarters for Chrysanthemum and Carnation Blooms and All Other Cut Flowers in Season.

GREEN GOODS WIRE WORK FLORISTS' SUPPLIES

CUT FLOWERS

Chrysanthemums	per doz.,	50c to	$ 2.00
Carnations	per 100,	$ 2.00,	3.00
Roses	per 100,	$2.00,	3.00, 4.00
Lilies	per 100,	8.00,	10.00, 12.00
Violets	per 100,	35c to 50c	

Get our Catalogue on Florists' Supplies.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

GREENS

Fancy Ferns	per 1000, $1.50
Leucothoe	per 1000, 5.00
Green Galax	per 1000, 1.00
Smilax	per doz., 1.50
Boxwood	15c per lb.; 50 lbs., 7.50
Magnolia Leaves	per basket, 1.75
Wild Smilax	per case, $3.00, $4.00, 5.00

Green Sheet Moss, per bale, $1.00; 10 bales, $9.00; 25 bales, $21.00.

DELHI New **DELHI** Seedling **DELHI** Scarlet **DELHI** Carnation

We are introducing this season. Our circular on same for the asking.

WM. MURPHY, Wholesale Commission Florist

309 Main Street, Telephone Main 980, **Cincinnati, Ohio**

Mention The Review when you write.

Long Needle Pines. Magnolia Foliage and Magnolia Leaves. Natural and Fadeless Green Sheet Moss. Southern Wild Smilax.

Give us a TRIAL order—the OTHER orders will take care of themselves. We guarantee to ship you the BEST Southern Decorative Evergreens on the market. Stock cut and shipped within twenty-four hours after your order is received. Write, wire or Phone.

CHAS. S. LEE & CO., - - Evergreen, Ala.

Mention The Review when you write

NEW BOXWOOD

CLEAN, BRIGHT STOCK

10 lbs.	$2.00	50 lbs.	$ 7.50
25 lbs.	4.00	100 lbs.	14.00

Special Prices on Larger Lots.

C. E. CRITCHELL, Wholesale Commission Florist, 34-36 EAST THIRD AVENUE, **Cincinnati**

Mention The Review when you write.

NATURAL PREPARED

SHEET MOSS

Write for prices.

Southern Florist Supply Co.
Rockwood, Tenn.

Mention The Review when you write.

guehard mums, and Harry Shedd, of South Lowell, equally good Shrimptons.

John T. Gale, of Tewksbury, is one of the few local specialists able to grow Campbell violets extremely well.

E. Decker, the violet specialist, of Rhinebeck, N. Y., called on many of the trade the last week. W. N. Craig.

DAYTON, O.

The Market.

The weather has stiffened up; stock of all kinds is plentiful and of excellent quality; society folks have returned to their winter quarters and are commencing to entertain, and the season is approaching when trade always begins to show an improvement, but still these are the general complaints: "Business is bum," "Nothin' doin'," "Trade is slow," etc. These exclamations seem to echo from every direction, in and out of town. The florist looks for a change for the better every

Fancy or Dagger Ferns

$1.00 per 1000. Write for prices on large orders.

Galax, 75c per 1000; $6.50 per case of 10,000. **New Bronze** will be in November 25.

Tel. Office, New Salem, Mass. L. D. Phone Connection.



MILLINGTON, MASS.

Try our **Boxwood,** it's the finest that grows; no waste; 50-lb. case, $7.50.

Laurel Festooning, the best, 4c, 5c and 6c per yard.

The finest **Laurel Wreaths** made, $3.00 per dozen.

Branch Laurel, 35c for large bundle.

Sphagnum Moss, $4.00 per bale.

Bouquet Green, 8c per lb.

Southern Smilax, $5.00 per case of 50 lbs.

Green Moss, $1.25 per bbl.

Partridge Berries, 10c per bunch of 50 sprays.

CROWL FERN CO., : Millington, Mass.

With stock as good, not better, and prices as low, not lower, than other jobbers, I solicit your weekly order.

G. J. Walker, Dealer in Fancy and Dagger Ferns

Savoy Centre, Mass.

Mention The Review when you write.

New Crop **SOUTHERN WILD SMILAX** New Ready

Louisville Floral Co., P. O. Louisville, Ala.

Telegraph Office, Clayton, Ala.

Mention The Review when you write.

ESTABLISHED 1898.

SMITH'S GALAX LEAVES
LEUCOTHOE SPRAYS
are Standard.

WM. C. SMITH

Marion, North Carolina

Ask for Smith's Galax and Leucothoe. Distributors in Boston, Providence, New York, Philadelphia, Baltimore, Washington, Pittsburgh, Cleveland, Detroit, Chicago, Milwaukee, St. Louis and Cincinnati.

Always mention the Florists' Review when writing advertisers.

HOLLY-HOLLY-HOLLY

I have just returned from a two weeks' trip through the Holly sections of Delaware, Maryland and Virginia, and have contracted for my supply for the season of 1911. I expect to have several cars of very fine, dark green, well-berried Swamp Holly. I will have it packed as usual in regular size cases, 2x2x4, and guaranteed as represented. My first car will arrive in Philadelphia about December 1st. I filled all orders received last year and gave entire satisfaction and I hope to do so again this season. My price this year on orders received up to December 1st is **$3.00 per case.** After that date, at market price, which I am quite sure will be higher on account of scarcity.

HOLLY WREATHS
My Holly Wreaths will be made of the very finest selected dark green Holly on 10 inch hoops, and will be well-berried $10.00, $12.50 and $15.00 per 100, according to quality.

LAUREL WREATHING
My Laurel Wreathing will be made of the brightest Swamp Laurel that it is possible to secure, in 50-yard lengths. Price, 2½c and 3c per yard.

MISTLETOE
My Mistletoe, from North Carolina, will be extra selected and full of berries. Per case, $3.50 to $5.00, according to quality.
Lycopodium, in 10-yd. rolls, 5c to 8c per yd.

I make a specialty of the above and guarantee all goods as represented or money refunded. Cash must accompany all orders.

F. B. WOOLEY, 152 Dock St., Philadelphia, Pa.
Reference: 6th National Bank, Mutual Trust Co.

Mention The Review when you write.

week, and he must continue to look. One consolation, however, is that the florist is not the only complaining citizen, for the ode from other business men is sung to the same tune as that of the florist. There are not too many mums on the market. Carnations, though not abundant, are of sufficient supply to meet demands. Roses of all varieties are plentiful and of fine quality. Lilies are cropping well, but only a small portion of the supply finds a place in the market. In fact, stock of all kinds is excellent, and the great need now is buyers. There will be a generous supply of everything for Thanksgiving.

Various Notes.

In this column last week it was stated that the terrific wind storm of November 11 and 12 did much damage to local greenhouses. Since that writing it has been learned that there is one who suffered greater loss than those mentioned. The entire plant of William Phebus, proprietor of the Westwood Floral Co., seemed to be a chosen victim of the wind. His stock, including many valuable varieties of flowers, was killed and what represented more than $2,000 and a summer's labor is now a mass of withered, frozen plants. Mr. Phebus had prepared for a drop in temperature, but had not counted on the accompanying gale. Not one of his six greenhouses was spared and not less than 300 panes of glass were ripped out, leaving the icy blasts to sweep through the houses. Because of the danger of flying glass, Mr. Phebus was unable to save any of his stock. He stated last week that he had just cleared himself of debt and was in a position to make money. Today he is left practically penniless, with scarcely enough funds to repair the damage done by the storm. The Dayton florists are showing Mr. Phebus that their hearts are in the right place by doing all they can to assist him at this time.

Mrs. Young has been suffering a great deal with lumbago during the last week.

William Huston, shipping clerk for the Miami Floral Co., who has been quite ill for the last two weeks, is back at his old stand again.

The Miami Floral Co. is cutting some elegant roses, the kind of flowers that suit the most critical; but they find the market quite slow, especially when the abundant supply is taken into consideration, as only a small portion of the stock finds buyers. R. A. B.

CUT FERNS
FANCY AND DAGGER



30,000,000

will be my supply for the winter. You can't make a mistake if you place your order with me. Write for price.

Also dealer in

Christmas Trees and Bouquet Greens

ROBERT GROVES, 127 Commercial St., Adams, Mass.

Mention The Review when you write.

H O L L Y

In Case Lots and Car Lots

It is now time to get our prices. Sit down and drop us a post card.

Also **Evergreen Wreathing** and **Wreaths** of all kinds.

GEO. MIDDENDORF CO.
73-75 West So. Water St., CHICAGO

Mention The Review when you write.

Fancy Xmas Holly

Good, green, heavy, berried, tight packed stock, now ready for shipment.

Single case.....$3.75
Five cases and more, per case.. 3.50

Freight prepaid to all points east of the Mississippi River.

Cash with order.

H. AUSTIN
FELTON DELAWARE

Mention The Review when you write.

FANCY AND DAGGER FERNS
60c per 1000; 12-in. and up.
Galax Leaves. 50c per 1000
Leucothoe Sprays, 12 to 16-in., $1.10 per 1000.
Leucothoe Sprays, 18 to 24-in., $2.25 per 1000.
Fancy Ferns a Specialty.
The PINE MOUNTAIN EVERGREEN CO.
Lew, Avery Co., N. C.

Always mention the Florists' Review when writing advertisers.

FANCY HOLLY

HOLLY—In cases 2x2x4 ft., $3.00 a case. This is swamp stock, and is very good this season. Well berried and green foliage. Short or mixed branches.

GREEN SHEET, or LOG MOSS—In bbls. or bags, $1.25. This moss is in large, thin pieces and will give satisfaction.

LAUREL BRANCHES—2x2x4-ft. case, $2.50. This is swamp stock and will hold its color much longer than the ordinary mountain laurel. With straight branches, for decorating.

LAUREL STEMS—For roping. Large bag, $1.00. Swamp stock, with short stems. Will make 90 to 100 yards of medium roping.

NEW STONE TOMATO SEED, 75c lb. This seed is from good stock of the best canning tomatoes. Special prices on large lots.

MISTLETOE — Large bunch in basket, $1.00.

All goods shipped direct from the swamps, and are fresh, with good color. Can ship Moss and Laurel all the year. Cash or satisfactory reference must accompany first order. Express and freight rates on application.

Postal wire reaches me direct.

W. Z. PURNELL, Snow Hill, Md.

Always mention the Florists' Review when writing advertisers.

Seven Pages of Retailers' Cards

This department for the cards of Leading Retail Florists — those florists who have the facilities for filling the orders sent them by other florists — has made possible the recent rapid development of this branch of the business, a branch of the trade now established for all time and so helpful that its volume will keep on increasing for many years.

Are you sending and receiving your share of these orders? You can send your share (and make 20 per cent profit without effort) if you let your customers know you can perform this service for them. To receive your share—well, The Review's department for Retailers' cards remains the one way of getting prompt action on the order in hand.

To be represented costs only 70 cents per week on a yearly order. This is for one-inch space. Other spaces in proportion.

Why not send your order today—**now**—before you forget it?

LOUISVILLE, KENTUCKY

JACOB SCHULZ, Flower Shop, 550 South Fourth Avenue, Greenhouses, 831 Cherokee Road.

Personal attention given to out-of-town orders for Louisville and surrounding territory.

E. R. FRY, Florist
Rochester, N. Y.
I have constantly on hand a seasonable variety of fresh cut flowers, which I will deliver promptly in Rochester and adjoining towns.

KENOSHA, WIS.
and all points between
CHICAGO AND MILWAUKEE
Mail, wire or phone your orders to
P. N. OBERTIN, 567 Chicago St., KENOSHA, WIS.

Cincinnati, Ohio
C. E. CRITCHELL
Wholesale Florist
Will take care of your orders in OHIO, INDIANA, KENTUCKY.

Lexington, Ky.
JOHN A. KELLER, Florist
High Grade Cut Flowers and Designing : : : :
All orders entrusted to us for Central Kentucky will have careful attention.

Lang Floral & Nursery Co., DALLAS, TEXAS
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

Prompt and personal attention given all orders.
MRS. J. T. HINCHLIFFE
FLORIST
504-506 Wisconsin St., Racine, Wis.

Special care taken with telegraph orders for
DETROIT AND VICINITY
L. Bemb Floral Co., Albert Pochelon, Prop., 153 Bates St.

Chas. W. Crouch, KNOXVILLE, TENN.
The Leading Florist of the South
All Orders Given Special Attention

GEO. C. BAKER, Florist
206 E. Park Ave., San Antonio, Texas

Indianapolis, Ind.
241 Massachusetts Ave.
Bertermann Bros. Co.
LEADING FLORISTS
Members Florists' Telegraph Delivery Ass'n.

C. L. VAN METER, Florist MONTICELLO, IA.
Orders solicited to be delivered anywhere.
Specialist in Cut Flowers and Designs

NEW YORK.

The Market.

A pretty thorough cleanup was made Saturday, November 18, thanks to horse show, football, grand opera and the charming weather. The week end left a clear field for Monday, and improvement must of necessity characterize the cut flower trade until after Thanksgiving. Prices were barely steady and no influence seems to effect the present level of values.

The shipments of roses, with the exceptions of American Beauties and the new varieties of this season's introduction, continue larger than the market can absorb. Of chrysanthemums there seems to be no end. Some grand stock is arriving. The specialists' best bring from $4 to $6 a dozen, but great quantities of splendid stock sell at from 25 cents each, down to $1 a dozen. In large quantities as low as $5 per hundred has secured what in other years brought $10. The many grades, the fluctuations in price, and the general excellence of the blooms were never more striking than this season. The abundance will show no decrease before Thanksgiving.

American Beauties are advancing and in wide demand. These, with violets, orchids and gardenias, are in evidence at the horse show, where society this week is on exhibition. Orchids are selling well and are comparatively scarce. The best hold easily at 75 cents, and in small quantities at $1 each.

The New Haven call for violets raised the price to 75 cents per hundred

BUTZ BROS.
Established 1851
New Castle, Pa.
Orders executed between Pittsburg and Erie and all western Pennsylvania points.

Canada's Florist
Dunlop's
96 Yonge St., TORONTO

"WE NEVER SLEEP"
IDLEWILD GREENHOUSES, **Memphis, Tenn.**
89 South Main Street
"Up-to-the-minute" Service and Execution.
Every Flower in Season.

WILSON BROOKLYN
New York
Telephone, 6800 Prospect

Louisville, Ky.
F. WALKER & CO., 634 Fourth Ave.

Pontiac, Ill. W. J. Miller & Son 412 E. Payson St.
All orders receive prompt and personal attention.

LOU HELEN DUNDORE, THE ROSERY
110 W. King St., LANCASTER, PA.

CORNELL and WELLS COLLEGES and
CENTRAL NEW YORK ORDERS
Dobbs & Son, Wholesale and Retail Florists, Auburn, N. Y.

MINNESOTA NORTH DAKOTA MONTANA
SMEDLEY & CO.
Fargo, North Dakota and Miles City, Montana

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Bell Main 2809
Cuy. Central 1866

The Smith & Fetters Co.

LEADING FLORISTS

735 Euclid Ave., CLEVELAND

Samuel Murray

KANSAS CITY, MO.

913 Grand Ave.

All Orders given Prompt and Careful Attention

Member of the Florists' Telegraph Delivery.

Cable and Telegraph, franzen. Phone Rav. 2876

CHICAGO

FRANZEN

1476-78 SUMMERDALE AVE.

TRENTON, N. J.

MARTIN C. RIBSAM

THE FLORIST

Messenger delivery to Princeton, New Brunswick, Bordentown, Hightstown, Lawrenceville and Lambertville, N. J.

Send Your **PHILADELPHIA** Orders to...

CHARLES HENRY FOX

BROAD AND WALNUT STREETS

Always on time

Rockford, Ill., H. W. Buckbee

S. B. STEWART

119 No. 16th St., OMAHA, NEB.

Wholesale and retail orders for CUT FLOWERS, FUNERAL DESIGNS, etc. by telegraph will receive prompt attention at

IRA G. MARVIN'S, Wilkes-Barre, Pa.

Benson's Flowers

Indianapolis, Ind. DELIVERED ANYWHERE

R. Strohmeier, Aberdeen, S.D.

Prompt Attention Given to Out-of-town Orders

Orders for **Charleston, W. Va.** are given prompt and careful attention by the

CHARLESTON CUT FLOWER AND PLANT CO.

Brockman's Flower Shop **Fort Smith, Ark.**

Leading florists in fastest growing city in the southwest.

ADVANCE FLORAL CO., Five Phones

C. M. SCHAEFER, Mgr.
Leading Florists
44 TO 52 ARCADE, - - **DAYTON, O.**

J. F. WILCOX & SONS, 521 Broadway, Council Bluffs, Iowa.

Wholesale and Retail

Largest Greenhouse Establishment West of Chicago.

Orders delivered anywhere, including Iowa, Nebraska, North Dakota and South Dakota. Free deliveries to Omaha.

MILLS THE FLORIST, Inc.

36 W. Forsyth Street

Jacksonville, Fla.

We reach all Florida and South Georgia points.

Send flower orders for delivery in

BOSTON AND ALL NEW ENGLAND POINTS

To THOS. F. GALVIN, Inc.

124 TREMONT ST. BOSTON

North Dakota IOWA All Orders Promptly and Properly Executed.



South Dakota MINN. 40,000 feet of Commercial Cut Flowers.

The Newburys, Mitchell, S. D.

Archias Floral Co SEDALIA, MISSOURI

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

November 18. Specials sold at $1. The regular shipments sold at from 50 cents to 60 cents. Many thousands of sport lovers attended the Yale-Princeton game and the exodus of yellow mums and violets all through the day, from the Grand Central station, presented a moving picture of bloom and beauty which only can be seen here once a year. Violets are back again this week to a lower level and will not be likely to touch $1 again before Thanksgiving.

The best gardenias are up to $5 a dozen. From now on there will be no shortage.

Carnations are doing some better this week and there was room for improvement. Seldom did they go above $2 per hundred and the bulk of the arrivals sold at from $1.50 down. The quality is now at its best and finer Enchantress have never been seen here. Valley holds at $2 to $3 per hundred, and lilies in large supply have backed up again to 5 cents and under. There seems to be little demand for bouvardia or sweet peas. White lilac has returned and the daisy supply is increasing.

The green goods men are busy. Lots of wild smilax is arriving and its use in the large decorations is universal.

Various Notes.

Mr. Goldenberg, formerly with Ralph M. Ward & Co., has opened an office at 51 Broadway.

The New York and New Jersey Plant Growers' Association will hold its

---

Established 1859.

A. Wiegand & Sons

Florists and Decorators

1610 to 1620 N. Illinois St., Indianapolis, Ind.

Indiana's oldest, largest and most complete retail establishment.

Oklahoma City, Okla.

THE STILES CO.

Best able to fill orders for delivery in Oklahoma

MEMBERS FLORISTS' TELEGRAPH DELIVERY

Tonseth Floral Co.

325 Morrison Street

GROWERS AND RETAILERS

Portland, Ore.

The Fernery **SCHULTHEIS, FLORIST**

Write, Phone or Wire 612 Linden St., SCRANTON, PA.

Orders for southern MINNESOTA and northern IOWA will be properly cared for by

A. N. KINSMAN, Austin, Minn.

INDIANA and ILLINOIS

Promptness and very Freshest Flowers.

H. B. & C. E. STOVER, 118 So. 6th St., TERRE HAUTE, IND.

Frey & Frey, 1338 O St. **Lincoln, Neb.**

Wholesale and Retail

100,000 sq. ft. of glass at your service. Trade discount

Minneapolis, Minn. LEADING FLORISTS

SWANSON'S, 618 Nicollet Ave.

DRUMM SEED and FLORAL CO.

507 Houston St., FORT WORTH, TEX.

Headquarters for Cut Flowers and Funeral Designs

J. J. BENEKE

1216 Olive St. ST. LOUIS, MO.

Baltimore, Md.

ALBERT G. FIEDLER & CO., 902 South Charles St.

I. N. KRAMER & SON

CEDAR RAPIDS, IA.

Colorado Springs, Colo.

FRANK F. CRUMP Wholesale and Retail Florist

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

LOUISVILLE, KENTUCKY

M. D. REIMERS

New Location, "THE SEELBACK," and 223 S. FOURTH AVENUE

CHOICEST CUT FLOWERS

PERSONAL ATTENTION GIVEN TO OUT-OF-TOWN ORDERS

Orders for
BIRMINGHAM, ALA.
Well taken care of by
AMZI GODDEN SEED CO.
Established 1857.
Facilities for supplying everything in the line of CUT FLOWERS AND DESIGNS

BUFFALO
S. A. ANDERSON
440 MAIN STREET
Special Deliveries Niagara Falls and Lockport

Your orders for ATLANTIC CITY, N. J., will be carefully filled by
George A. Burke
1505 Pacific Ave.

Write, Wire or Phone your orders to
YOUNG'S
1406 Olive St., ST. LOUIS, MO.
Regular discount allowed on all orders, either Plants or Cut Flowers.
Phones: Bell, Main 2306; Kinloch, Central 4981

SAN FRANCISCO
Podesta & Baldocchi
224 Grant Avenue
Prompt and careful attention to orders from out-of-town florists.

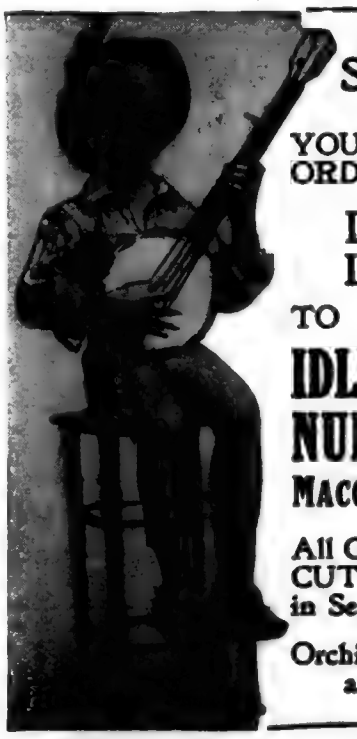
The Cleveland Cut Flower Co.
CLEVELAND, OHIO
Will fill your orders for Designs or Cut Flowers in Northern Ohio.

MARION FLORAL CO., **Marion, Ind.**
Central Northern Points. Store: 406 South Adams

MRS. J. B. FREEMAN, LEADING FLORIST,
Successor to Geo. A. Heinl **Toledo, Ohio**
All Orders Promptly Executed.

PROVIDENCE, R. I.
and all New England Points
T. J. JOHNSTON & CO.
171 Weybosset Street, Providence

BEYER FLORAL CO. SOUTH BEND, IND.
Daily deliveries to Notre Dame University and St. Mary's Academy.



SEND YOUR ORDERS FOR DIXIE LAND TO
IDLE HOUR NURSERIES
MACON, GEORGIA
All Choice CUT FLOWERS in Season
Orchids and Valley a specialty

MYER L. D. Phone 5297 Plaza
609-11 Madison Ave., New York

We Guarantee Satisfaction
A. T. Bunyard FLORAL CO.
413 Madison Ave., Cor. 48th St., NEW YORK
Bellevue Avenue, Newport, R. I.

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand.
McKenna
MONTREAL

JOHN BREITMEYER'S SONS
Corner Broadway and Gratiot Ave.,
DETROIT, MICH.

FRED EHRET
WHOLESALE AND RETAIL FLORIST
1407 Fairmount Ave. and 702 N. Broad St.,
PHILADELPHIA
Orders for Philadelphia and surrounding country carefully filled on short notice.

Telephone 334 Main
S. Masur
236 Fulton St., Brooklyn, N. Y.

VASSAR COLLEGE
The Saltford Flower Shop, Poughkeepsie, N. Y.

WELLESLEY COLLEGE
Dana Hall, Walnut Hill, Rockridge Hall Schools
TAILBY, Wellesley, Mass.
Long Distance Tel., Wellesley 44-1, 44-2, 44 3.

TEXAS Dallas Floral Co.
DALLAS, TEX.
H. F. GREVE, Prop.

Rosemont Gardens
W. B. Paterson, Prop.
116 Dexter Ave., MONTGOMERY, ALA.

HESS & SWOBODA, FLORISTS
Telephones 1501 and L 1582
1415 Farnum Street OMAHA, NEB.

U. J. VIRGIN
838 Canal St. NEW ORLEANS, LA.

annual meeting at the office of its secretary, W. H. Siebrecht, Jr., the first Monday in December.

The indications are for a spirited contest for the various offices of the New York Florists' Club at its December meeting.

Alfred Wright, a well-known gardener in England, was a visitor at the bowling alleys, November 17, the guest of W. E. Marshall.

The Revere Rubber Co. will have an exhibit in the Fifth Regiment armory in December, and at Baltimore at the meeting of the State Horticultural Society. In February a large display will be made in Chicago in connection with the exhibition of the Hardware Board of Trade and this will remain for the S. A. F. in August.

George B. Dorr, of Bar Harbor, Me., was a visitor last week, the guest of Arthur T. Boddington.

Christmas orders are coming in rapidly from all over the country. The basket men have had a prodigious season. There are many novelties this year. Business seems to be excellent in all the smaller towns and cities.

There seems to be a splendid revival in that part of the trade represented by the various bulb and seed houses and a remarkable cleaning up of stocks of every kind. It is the exception to

LEADING RETAIL FLORISTS

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DARDS, N. E. Cor. 44th Street and Madison Avenue, Telephones 4025-4026, 38th Street, NEW YORK

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union — Established 1874

WILSON DELIVERS EVERYWHERE
New York New Jersey Long Island
BROOKLYN
3 AND 5 GREENE AVENUE
Tel. No. 6800 Prospect

The Livingston Seed Co.
FLORISTS
COVER ALL OHIO POINTS
114 N. High Street, COLUMBUS, OHIO

PORTLAND, ORE. Clarke Bros. FLORISTS OAKLAND, CAL.

KALAMAZOO, MICH.
G. Van Bochove & Bro., The Leading Florists

LA CROSSE FLORAL CO. La Crosse, Wis.
will properly execute orders in Wisconsin or the northwest.

LINCOLN, NEB. CHAPIN BROS. Retail Florists
Flowers for All Occasions, from Cradle to Grave

E. O. LOVELL GRAND FORKS
Will give prompt attention to all orders for delivery in North Dakota

A. C. BROWN, SPRINGFIELD, ILLINOIS
LARGE GREENHOUSES

Boehringer Bros.
325 Park Avenue, BAY CITY, MICH.

TERRE HAUTE, IND.
JOHN G. HEINL & SON 129 South 7th Street

Mrs. M. E. Hollcraft
807 Kansas Ave., TOPEKA, KAN.

MICHIGAN Orders will be carefully cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS.

Minneapolis Floral Co., WHOLESALE and RETAIL FLORISTS
MINNEAPOLIS, MINN.
Funeral designs on short notice. One of the largest establishments west of Chicago.

Send Orders for Washington, D.C. and vicinity to Blackistone Everything First-Class
14th and H Streets

Hollywood Gardens
Artistic Florists and Decorators
Phone Main 1665
1534 Second Ave., SEATTLE, WASH.
Orders given prompt attention

Evanston and Chicago
JOHN WEILAND, EVANSTON, ILL.

Deliveries to Northwestern University and all North Shore Towns.
FISCHER BROS. 614 Dempster St., EVANSTON, ILL. L. D. Phone 2642

MONTREAL, We can fill all orders.
HALL & ROBINSON, 625 St. Catherine Street, West

hear a pessimistic utterance from any of them as to either the present or the future. The outlook is bright, and advance orders for spring planting are away above the average. The catalogue constructors are busy now daily until "the wee sma' hours."

The Brooklyn wholesalers of cut flowers seem hopeful and philosophical. While all have felt the strenuousness of the season to date, there is no menace to them in the outlook. The Brooklyn field is growing rapidly. The wholesale cut flower houses there are Bonnet & Blake, the Greater New York Florists' Association, and W. H. Keubler. Messrs. Stone and Hanig also list themselves as wholesale florists. Harry Crawbuck is the green goods king of the city of churches. Merritt is the supply man and Wiles of the Woods has a great stock of foliage always on hand.

The retail trade in Brooklyn is satisfactory. Weddings, dinners and funerals have been numerous this fall. A splendid Thanksgiving and Christmas business is expected. There has never been an exception to the rule. Philips, Wilson, Zahn and Masur all report a big fall business.

L. C. Bobbink, of Bobbink & Atkins, Rutherford, says shipments of nursery stock are enormous this fall and the use of bay trees and boxwood by the big hotels shows no diminution.

J. Austin Shaw.

Wertheimer Bros. say they never have had so successful a season as the present. They introduced an unusual

Colorado Springs, Colo.
Orders Carefully Executed
PIKES PEAK FLORAL CO.
Wholesale and Retail

H. W. FIELD, The College Florist
NORTHAMPTON, MASS.
Home of Smith College
Send your orders to him for prompt and careful attention.

DALLAS, TEXAS
The Texas Seed & Floral Company
Orders for cut flowers and designs solicited for delivery in any part of Texas.

Pittsburg, Kan.—Bartlesville, Ok.
THE STEINHAUSER FLORIST & NURSERY CO. (Inc.)
Growers and Shippers—Wholesale and Retail
Out-of-town orders given special and personal attention. Give us a trial.

South and Southwest Texas and sailing from Galveston.
H. H. KUHLMANN, Florist
2507 Jackson St., S. W. Phone, Hadley 1926-2290
2526 Washington St., Opp. Glenwood Cemetery, S. W. Phone, Taylor 628-1081.
Up town, 913 Main St., S.W. Phone, Preston 7141.
HOUSTON, TEXAS

TRILLOW FLORIST Des Moines, Iowa
Will promptly execute all orders in this vicinity.

Aurora, Ill. Jos. M. Smely
and vicinity Phones 147

Richmond, Ind.
FRED H. LEMON & CO.
Florists and Decorators. Send us your orders.

W. P. McFARLAND L. C. McFARLAND
McFARLANDS, Florists
AKRON, OHIO

LEADING RETAIL FLORISTS

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Alexander McConnell

611 Fifth Avenue, Windsor Arcade — **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Calls: 340 and 341 38th Street — Cable Address: ALEXCONNELL — Western Union Code

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, **Pittsburg, Pa.**

Largest Floral Establishment in America

Established 1874--Incorporated 1909

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

Winona and Rochester, Minn.

For prompt and particular attention send your orders for Southwestern Wisconsin and Southern Minnesota to

John Fuhlbruegge

Grower and Retailer

ST. PAUL, MINN.

"The Largest Store in America."

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

PASADENA, CAL.

13 East Colorado St.

The Orchid

Also all Los Angeles orders promptly filled.

MRS. LORD'S FLOWER ROOM

112 W. 8th Ave., TOPEKA, KAN.

STATE NURSERY CO.

CUT FLOWERS

165,000 sq. ft. of glass at your service. HELENA, MONTANA

Freeport Floral Co.

Telegraphic orders promptly attended to. FREEPORT, ILL.

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order.

11 North Pearl St., - ALBANY, N. Y.

Rock's Flowers Kansas City

Wm. L. Rock Flower Co.

KANSAS CITY, MO.

1116 Walnut Street

Members Florists' Telegraph Delivery

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Max Schling

NEW YORK

No. 22 West 59th Street

Adjoining Plaza Hotel

W. S. Lee Florist

Hippodrome Building, 44th STREET & SIXTH AVE.

TELEPHONE 714 BRYANT — NEW YORK

STEAMER ORDERS A SPECIALTY.

CHICAGO

A. LANGE,

25 E. Madison Street

number of novelties this year and practically all caught on. The sale for holly berry chiffon has been so large they have been compelled to withdraw it from sale.

NEW CASTLE, IND.

Our roses are still holding their own, the South Park Floral Co. having captured two prizes at the Cincinnati show.

Benthey & Co. are putting much vim into the local retail part of their business. Ernest Bender, an expert designer, is looking after this feature of the work.

P. J. Olinger has a splendid crop of carnations this season. Large consignments of them are being daily shipped to his Cincinnati store.

J. P. Braselmann, advertising manager for Heller Bros. Co., has tendered his resignation. He takes charge of a newly created department of the J. Horace McFarland concern, at Harrisburg, Pa.

Peter Weiland is already cutting liberally from his new place, west of the city. His roses, carnations and sweet peas are in good condition and give promise of an excellent winter output. He contemplates opening a store in the near future.

A novel plan, designed to raise funds

HUGO H. JAHN

710 Nostrand Avenue,

Tel. No. 1952 Bedford — BROOKLYN, N. Y.

Will deliver to Steamships, Theaters, anywhere within 20 miles of New York.

ARTISTIC WORK. PERSONAL ATTENTION.

Special care of your telegraph orders.

W. J. Palmer & Son

304 Main St., BUFFALO, N. Y.

Members Florists' Telegraph Ass'n

Orders by wire receive prompt and careful execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

ST. LOUIS, MO.

Flowers Delivered in City or State on Short Notice

F. H. WEBER

BOYLE AND MARYLAND AVENUES

Both Long Distance Phones

M. A. Bowe

IN HEART OF NEW YORK CITY

12 W. 33d Street, N. Y.

Opposite the Waldorf-Astoria.

Phone Madison Sq. 6404. Our Motto—The Golden Rule

George G. McClunie, Florist

175 Main St., HARTFORD, CONN.

Orders solicited for delivery any place on earth. Floral Designs a Specialty.

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CHICAGO — Send Your Orders to.. William J. SMYTH

Member Florists' Telegraph Delivery Association. Michigan Ave., at 31st St.

Established 1857.

Wittbold FLORIST

737-739 Buckingham Place

L. D. Phone 1112 Graceland — CHICAGO

Send us your retail orders. We have the best facilities in the city.

"WE STRIVE TO PLEASE"

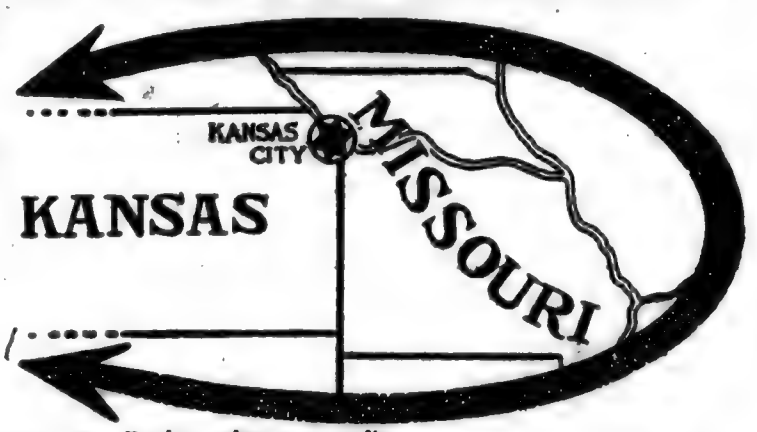
ALPHA FLORAL CO.

1005 WALNUT—PHONES HIGH. 1806

Kansas City, Missouri

The largest Florists in the Central West

A. ELBERFIELD, Proprietor



Mention The Review when you write.

Write, Wire or Phone

JOHN WALKER

11 S. PHELPS STREET

Youngstown, O.

Careful attention given to out-of-town orders. Trade discount allowed.

CLEVELAND

...THE...

J. M. GASSER COMPANY

EUCLID AVENUE

We ship all points in Ohio. The best of everything in Flowers.

BOSTON, MASS.

Penn The Florist

"Penn, The Telegraph Florist"

Wire us and we will reciprocate. We cover all points in New England.

37-43 BROMFIELD STREET

DENVER, COLO.

FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice.

Daniels & Fisher.

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver."

GEO. M. KELLOGG FLOWER & PLANT CO.

Wholesale and Retail Florists

1122 Grand Avenue, KANSAS CITY, MO.

All Kinds of CUT FLOWERS in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

YOUNG & NUGENT

NEW YORK : 42 W. 28th St.

In the theater district. Exceptional facilities for delivering flowers on outgoing steamers. Your orders will receive prompt and careful attention. Wire, telephone or write us.

H. F. A. LANGE

Worcester, Mass.

Delivers to all points in New England. 125,000 square feet of glass.

We are Prepared to Fill Orders for any Section of South Jersey at any time.

EDWARDS FLORAL HALL CO.

1700 Pacific Avenue,

Nurseries: Mediterranean and South Carolina Aves. ATLANTIC CITY, N. J.

Send orders for delivery in **ROCHESTER, N.Y.**

and all points in Western New York to

H. E. WILSON, 88 East Main Street

Baker Bros. Co. **Ft. Worth, Tex.**

Send Orders for the Southwest

Best Railroad Center in the State.

Battle Creek, Mich. S. W. COGSAR, Leading Florist

11 West Main St. All cut flowers in season. Funeral designs or potted plants. Careful attention and prompt delivery guaranteed to any part of Michigan.

MOBILE, ALABAMA

The Minge Floral Co.

CAPITAL CITY—GREENHOUSE CO.

MADISON, WIS.

Order of us. Best shipping service for Wisconsin

Pittsburg, Pa. Jenkins Arcade

Karl Klinke All orders promptly attended to.

SIOUX CITY, IOWA Supplies western Iowa, southern Minnesota, all of South Dakota, northeastern Nebraska.

J. C. RENNISON CO.

PEKIN — PEORIA

All orders receive personal attention.

GEO. A. KUHL, Pekin, Ill.

Hutchinson, Kansas

JOHN STAMM All orders receive prompt and careful attention.

---

for a proposed city hospital, was adopted by the young ladies of the town last week. Roses, mums and violets were secured at the South park greenhouses and were sold to the people of the city. Dainty flower girls in autos visited the various shops, where many bouquets were disposed of to the workmen. The plan was quite successful, nearly $200 being realized in one day. J. M. L.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Oceanic	New York	S'hampton	Nov. 25
Philadelphia	New York	S'hampton	Nov. 25
California	New York	Glasgow	Nov. 25
Vaderland	New York	Antwerp	Nov. 25
Moltke	New York	Hamburg	Nov. 25
Rochambeau	New York	Havre	Nov. 25
Oruba	New York	Cuba	Nov. 25
Carolina	New York	Porto Rico	Nov. 25
Romantic	New York	Naples	Nov. 25
Lusitania	New York	Liverpool	Nov. 29
Royal Edward	Halifax	Bristol	Nov. 29
Persia	San Fr'sco	Hongkong	Nov. 29
Marama	Vancouver	Hawaii	Nov. 29
Tagus	New York	Bermuda	Nov. 29
Friedr'h d. Gr.	New York	Bremen	Nov. 30
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Ivernia	New York	Naples	Nov. 30
Emp. of Brit'n	Montreal	Liverpool	Dec. 1
St. Louis	New York	S'hampton	Dec. 2
Caledonia	New York	Glasgow	Dec. 2
Finland	New York	Antwerp	Dec. 2
Pennsylvania	New York	Hamburg	Dec. 2
Dominion	Philadelphia	Liverpool	Dec. 2
Ascania	Portland	London	Dec. 2
Grampian	St. John	Liverpool	Dec. 2
Kamakura	Seattle	Yokohama	Dec. 2
San Juan	New York	Porto Rico	Dec. 2

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Hutz Bros.
NEW LONDON, CONN.
Reuter & Son, Inc.
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Virgin, U. J.
NEW YORK CITY
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McConnell, Alex.
Meyer
Schling, Max
Young & Nugent
NEWPORT, R. I.
Bunyard Floral Co.
NORTHAMPTON, Mass.
Field, H. W.
OAKLAND, CAL.
Clarke Bros.
OKLAHOMA CY., OKL.
Stiles Co., The
OMAHA, NEB.
Hess & Swoboda
Stewart, S. B.
PASADENA, CAL.
Orchid, The
PASSAIC, N. J.
Sceery, Edward
PATERSON, N. J.
Sceery, Edward
PEKIN, ILL.
Kuhl, Geo. A.
PEORIA, ILL.
Kuhl, Geo. A.
PHILADELPHIA, PA.
Ehret, Fred
Fox, Chas. Henry
PITTSBURG, KANSAS
Steinhauser Flo. Co.
PITTSBURGH, PA.
Klinke, Karl
Smith Co., A. W.
PONTIAC, ILL.
Miller & Son, W. J.
PORTLAND, ORE.
Clarke Bros.
Tonseth Floral Co.
POUGHKEEPSIE, N. Y.
Saltford Flower Shop
PROVIDENCE, R. I.
Johnston & Co., T. J.
RACINE, WIS.
Hinchliffe, Mrs. J. T.
RICHMOND, IND.
Lemon & Co., F. H.
ROCHESTER, MINN.
Fuhlbruegge, John
ROCHESTER, N. Y.
Fox, E. R.
Wilson, H. E.
ROCKFORD, ILL.
Buckbee, H. W.
ST. LOUIS, MO.
Reineke, J. J.
Weber, F. H.
Young & Sons Co.
ST. PAUL, MINN.
Holm & Olson, Inc.
May & Co., L. L.
SAN ANTONIO, TEX.
Baker, Geo. C.
SAN FRANCISCO, CAL.
Podesta & Baldocchi
SCHENECTADY, N. Y.
Hatcher, J. C.
SCRANTON, PA.
Schultheis, Florist
SEATTLE, WASH.
Hollywood Gardens
SEDALIA, MO.
Archias Flo. Co.
SIOUX CITY, IOWA
Rennison Co., J. C.
SOUTH BEND, IND.
Beyer Floral Co.
SPRINGFIELD, ILL.
Brown, A. C.
TERRE HAUTE, IND.
Heinl & Son, John G.
Stover, N. B. & C. E.
TOLEDO, O.
Freeman, Mrs. J. B.
TOPEKA, KAN.
Holloraft, Mrs. M. E.
Lord's Flower Room
TORONTO, CANADA
Dunlop, John H.
TRENTON, N. J.
Ribsam, M. C.
WASHINGTON, D. C.
Blackistone, Z. D.
Gude Bros. Co.
WELLESLEY, MASS.
Tailby & Son
WILKES-BARRE, PA.
Marvin, Ira R.
WINNIPEG, Man., Can.
Rosery, The
WINONA, MINN.
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Lange, H. F. A.
YOUNGSTOWN, O.
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Careful attention, personal selection and prompt delivery guaranteed to any part of New York, Long Island and New Jersey. Thirty-six years' experience. Reliability assured.

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ORDERS TAKEN FOR DELIVERY ANYWHERE BETWEEN PORT ARTHUR AND THE COAST.

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Will fill orders for the West on short notice
Trade discounts. First-class stock.

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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Will Take Proper Care of Your Orders in WISCONSIN

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Order your flowers for delivery in this section from the leading Florists of the Northwest.
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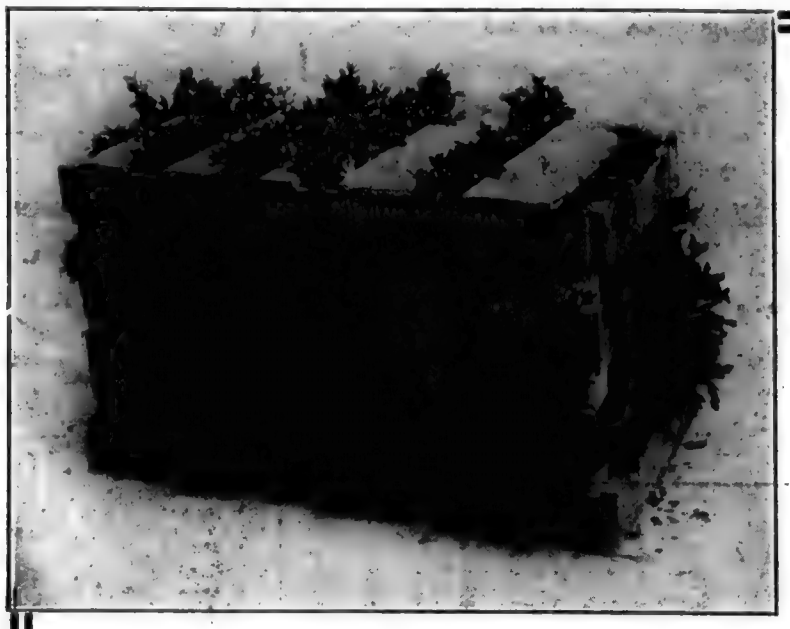
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SOME VALUABL

Flower lovers all over the country are tired of
wanting and demanding something different, even if
The rose growers who realize this and are aw
more in demand all the time are making no mistake
We have never had a larger or better variety to

FOR THE CHRISTMAS TRADE

We will have a splendid assortment of greens and other novelties to offer our trade, among them the following:

BOXWOOD SPRAYS

Exceptionally fine stock, dark glossy green, no surplus wood. The choicest lot we've ever received. We are the introducers of and the headquarters for this valuable green. For Christmas there is nothing that makes a choicer or more beautiful wreath than Boxwood with a little coloring of Bronze Mahonia. Boxwood, 50 lb. crates, $7.50.

BRONZE MAHONIA

$1.50 per 100; $12.50 per 1,000.

LYCOPODIUM

Splendid quality, full and green, not dried but on account of being gathered too long. Deliveries any time. At present we quote it at **$9.50 per 100 pounds**; future quotations on application.

LYCOPODIUM WREATHING

$10.00 per 100 yds.

BRONZE GALAX

For immediate delivery, cold storage stock, **$15.00 per case.** New crop likely ready about December 10th; probable price, **$7.50 per case.**

LEUCOTHOE

Green and bronze. **$1.00 per 100; $9.00 per 1,000.** Bronze ready about December 10th.

CUT POINSETTIAS

Some especially well grown stock the large heads are beautiful specimens, deep velvety red. **Per 100, $25.00 and $30.00.** A few of the very large ones, **$40.00 per 100.**

HOLLY WREATHS

Of the very best holly, made full, with plenty of berries. **$15.00 per 100.** Extra large, **$20.00 & $25.00 per 100.**

GREEN GALAX

New crop. $7.50 per case.

MAGNOLIA LEAVES

Green and Bronze; **per basket, $2.25.**

CHRISTMAS RIBBONS

We carry an enormous line of special **Holiday ribbons** as well as our standard patterns and can supply a quality to meet all demands. We offer a big variety of patterns in **lustrous satin taffeta**, plain taffeta, holly flowered ribbons and chiffons at reasonable prices. Samples on request.

We name a few popular patterns:

Pat. 676	**Taffeta**—No. 16		$0.75
" "	" —No. 20		.85
" "	" —No. 40		.95
" "	" —No. 60		1.20
Pat. 2500	**Satin Taffeta**—No. 5		.25
" "	" " —No. 22		.65
" "	" " —No. 60		.80
Pat. 1802	**Satin Taffeta**—No. 40		1.15
" "	" " —No. 60		1.50
Pat. 1804	**Satin Taffeta**—No. 16		.95
" "	" " —No. 22		1.10
" "	" " —No. 40		1.25
" "	" " —No. 60		1.65
Pat. 1805	**Satin Taffeta**—No. 16		1.00
" "	" " —No. 22		1.20
" "	" " —No. 40		1.50
" "	" " —No. 60		1.90
" "	" " —No. 80		2.25
" "	" " —No. 150		2.65



GALA

Another fine ye
orange shading int
effect; a long poi
the yellows; borne
Grafted, $35.00
Own root, $30.00



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S. S. PENNO

The Wholesale Florls

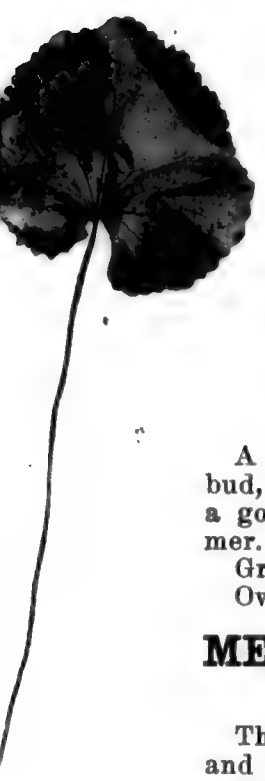
NEW YORK
109 West 28th Street

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E ROSES FOR 1912



having to buy just two or three kinds of roses and are
they do have to pay more for them.
ake to the fact that novelties are going to be very much
in going into the newer meritorious introductions.
offer than our list for 1912.



DOUBLE WHITE KILLARNEY

(The Budlong Strain) 1912

With its stronger, more vigorous growth, larger and heavier flowers, double the petalage and purer white, is a tremendous improvement over White Killarney, and is sure to be a money-maker not only for winter forcing but for summer growing. We recommend it as being the very best commercial white rose today. As a summer rose, it is such an improvement over Kaiserin that some of the larger growers are going to discard Kaiserin for Double White Killarney.

DOUBLE PINK KILLARNEY

(SCOTT)

A more vigorous grower than Pink Killarney, heavier bud, about double the petalage, a trifle lighter in color, a good all-year-round rose, particularly during the summer.

Grafted, $20.00 per 100; $150.00 per 1,000.
Own root, $12.00 per 100; $100.00 per 1,000.

MELODY, MRS. AARON WARD AND LADY HILLINGDON

Three fine yellows, very different in character, color and form, but all three are splendid roses.

Melody—Own root stock, $12.00 per 100; $100.00 per 1,000.

Mrs. Aaron Ward—Grafted, $20.00 per 100; $150.00 per 1,000. Own root, $10.00 per 100; $90.00 per 1,000.

Lady Hillingdon—Grafted, $25.00 per 100; $200.00 per 1,000. Own root, $20.00 per 100; $150.00 per 1,000.

DOUBLE WHITE KILLARNEY AND KILLARNEY QUEEN

Grafted, $30.00 per 100; $70.00 per 250; $250.00 per 1,000; $600.00 per 2,500; $1,100.00 per 5,000.
Own root, $25.00 per 100; $60.00 per 250; $200.00 per 1,000. Deliveries during March.

KILLARNEY QUEEN

(The Budlong Strain) 1912

Is about three shades darker than Pink Killarney, and during dark and cloudy weather the color does not fade, but remains a bright, deep, rich pink. It is of very much more vigorous growth than Killarney, even a stronger grower than Double White Killarney. Flowers are about twice as large as Pink Killarney, about the same petalage and borne on tremendously heavy, long stems, larger and heavier foliage. Many consider this rose in the American Beauty class, its habit, growth and size are so vigorous and far ahead of Pink Killarney.

SUNBURST

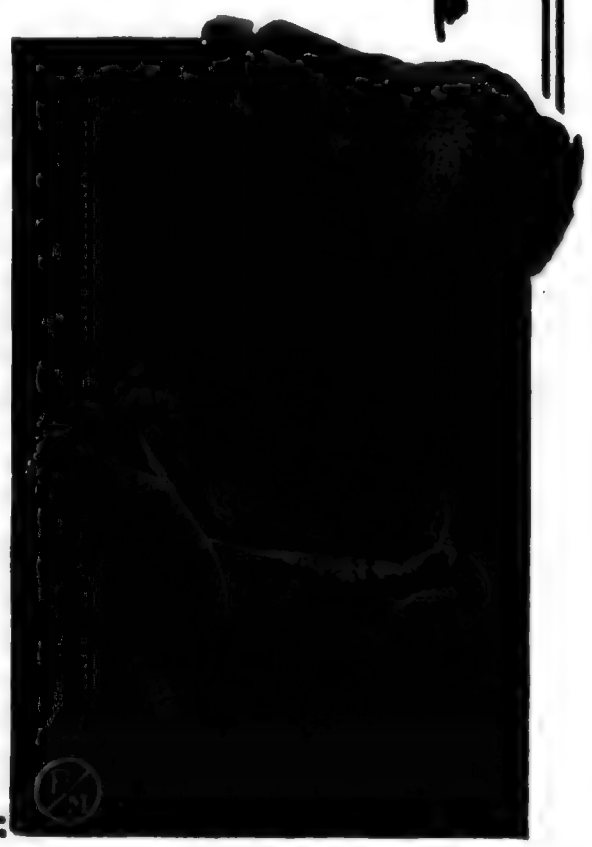
ow, a 1912 introduction, of golden
golden yellow, extremely brilliant in
ed bud of good size, the largest of
n long stiff stems. March deliveries.
r 100; $300.00 per 1,000.
er 100; $250.00 per 1,000.

MRS. TAFT

(PRINCE DE BULGARIE OR ANTOINE RIVOIRE)

The new French rose, a beautiful shell pink, splendid foliage and stem. A rose in a class by itself, destined to be one of the best commercial roses.

Grafted, $15.00 per 100; $120.00 per 1,000.
Own root, $7.50 per 100; $60.00 per 1,000.



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1212 New York Avenue

J. A. VALENTINE, Denver, Pres.
Other Directors: Ernest Wienhoeber, Philip Breitmeyer, A. B. Cartledge, W. F. Gude, George Asmus, Fred H. Meinhardt.
Mutual Discounts 20 per cent.
Provision for guaranteed accounts

W. J. PALMER, Buffalo, Vice-Pres.

Florists' Telegraph Delivery
(RETAILERS' SECTION—S. A. F. & O. H.)

W. L. ROCK, Kansas City, Treas.
Write for particulars to
IRWIN BERTERMANN, Secretary,
241 Massachusetts Avenue,
Indianapolis, Ind.

Mention The Review when you write.

WICHITA, KAN.

The Market.

Just at this time the chrysanthemum has the place of honor everywhere flowers are disposed of, but the showing of potted mums is nothing striking, although good. Cut blooms, however, are magnificent. The price remains at reasonable figures, as the stock is all local grown.

The demand seems about the same as last year, as general business conditions are similar. Paper White narcissi are coming in, and both local grown and shipped stock are showing the improvement that would be expected at this season. Taken altogether there is little, either in supply or demand, to excite much comment. This autumn had its quota of good weddings and the usual afternoon functions, while the local funeral demand has been rather quiet, with two or three exceptions.

The azaleas made their long trip in much better shape than last year and the indications are that they will bring better satisfaction in consequence.

Trade conditions incline toward the normal, but this certainly cannot be said of that which has passed for weather in Kansas since the first week of November. About the worst example of its behavior was one day which started in peacefully at 7:00 a. m. with a temperature of 64 degrees (the previous day reached 72 degrees in the shade), slid down to 24 degrees at 11:00 a. m. and fell to 14 degrees at 7:00 p. m., with a 40-mile wind to help it through the thin places in the greenhouse defenses. By 7:00 a. m. the next morning, it had found the 10 degree mark, with the wind still helping. Since that time the weather man has dipped up tempest and sunshine with a happy irregularity that has caused the greenhouse man to oscillate between ventilators and boilers much more than was good for his peace of mind. In spite of the weather peculiarities, however, the various greenhouse establishments show the autumn work well in hand, with prospects excellent for fine Christmas stock, including a good crop of carnations.

Various Notes.

A. Goldenberg was here recently with his smile and order book. He reports nice conditions in the south, and rather favors the opinion that bulb buying is more sensible than last year.

The Bixby Greenhouses have installed a new boiler and changed from hot water to steam heat. They report results highly satisfactory.

Norval Kline, of Hutchinson, Kan., was in the city on business recently.

The Blake Co. is trying out a Honeywell generator on the hot water system, and it promises to be of marked assistance.

Mr. Brackenberry, recently with Kellogg, of Kansas City, Mo., is now in the store of Chas. P. Mueller.

The Culp Co. has installed new oil burners in its greenhouses, barely getting them attached in time for the recent severe cold snap, which put them through a pretty severe test. They demonstrated the fact that their capacity was only limited by what the boiler would stand, and as the oil is cheaper and easier handled than any other fuel that can be secured here, the experiment will be watched with some interest.

Mr. Bidleman is installing burners of a slightly different design, which promise to render efficient service.

Chas. P. Mueller had the decorations for an elaborate church wedding last week.

The Scottish Rite Masons laid covers for over 1000 members at their fall reunion banquet, the decorations being palms and mums by the Culp Co.

L.

Plants Sell Better



when the ugly clay pots are hidden by the attractive and artistic

EVER-READY POT COVERS

Strong cardboard foundation. Best quality waterproof crepe paper, silk fiber ribbon ties at top and bottom. Firmly held with improved metal fastenings. Furnished in four colors and many sizes. Write for samples and price list today.

EVER-READY FLOWER POT COVER CO.
146 Hughes Ave., Buffalo, N. Y.

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Florists' Refrigerators

Write us for catalogue and prices, stating size you require and for what **kind of cut flowers** you wish to use the refrigerator; also state whether you want it for **display** or only for **storage.**

McCray Refrigerator Co. 368 Lake St. Kendallville, Ind.

Mention The Review when you write.

Superior Crimped Invisible Carnation Staple

For repairing split carnations. 1000 for 50 cents. Postpaid. Sample free. Special prices to jobbers.

WM. SCHLATTER & SON 422 Main St. Springfield, Mass.

Mention The Review when you write.

Illinois Self-Watering Flower Boxes

are gaining popularity every day. Send for our booklet and learn about a proposition that every live florist should understand.

American Metal Box Co.
2005 Michigan Ave., - CHICAGO
Conard & Jones Co., West Grove, Pa.
Agents for New York, New Jersey and Penn.

WIRED TOOTHPICKS

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000.....$1.75 50,000.....$7.50

Sample Free. For sale by dealers.

Studebaker

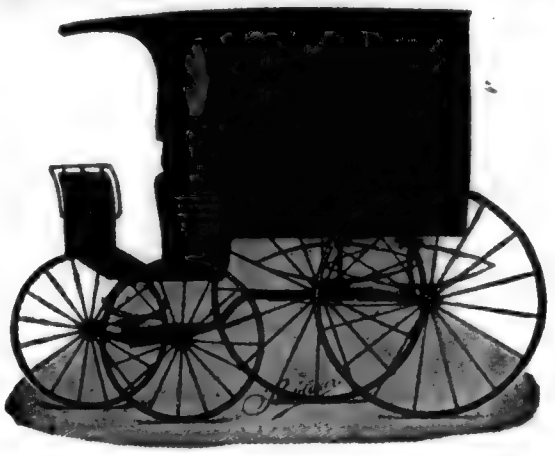
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Are Up-to-date, Snappy and Stylish, Creating a Favorable Impression Among Your Trade and Prospective Customers.

DO YOU WANT US TO TELL YOU WHY?

THE STUDEBAKER CORPORATION
SOUTH BEND, IND.

Advr. No. 1515.



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SPLIT CARNATIONS

Quickly, easily and cheaply mended. No tools required.

Pillsbury Carnation Staple
Patented 1908.
2000 for $1.00 postpaid.

I. L. PILLSBURY
GALESBURG, ILL.

Mention The Review when you write.

LOUISVILLE, KY.

When Richard Vincent, Jr., president-elect of the Society of American Florists, was in Louisville November 15 on his swing around the circle, the Society of Kentucky Florists arranged for the delivery of his stereopticon lecture, "The Bulb Fields of Holland," at the Zion Reformed church, where the public was admitted without charge.

After the lecture the florists gave a supper for their guest, at the Louisville hotel. August R. Baumer, chairman of the committee of arrangements, acted as toastmaster and many felicitations were exchanged.

BROCKTON, MASS.

There are now four flower stores on the main street here. In addition to W. W. Hathaway, who is near the Times office, there are Reed, Jahn and Andrews. The latter is located near the corner of Crescent street. All seem to be doing well.

W. W. Hathaway has had good fall business. He carries a fine line of pot plants, also flowers of every kind. His carnations from Littlefield & Wyman, North Abington, and mums from Lively & Bond, of Holbrook, are noteworthy. Rose Lady Hillingdon proves a good seller.

Want and For Sale Department

Advertisements under this head 10 cents per line, cash with order from all who do not do other advertising. In sending remittance count seven words to the line.

Display advertisements in this department $1.50 for one inch space.

When answers are to be sent in our care, add 10 cents for forwarding.

Plant advertisements not admitted under this head.

SITUATION WANTED—Grower and good designer wishes to secure situation immediately; good references. Address No. 171, care Florists' Review, Chicago.

SITUATION WANTED—As working foreman; all-round florist, life experience, married; prefer up-to-date retail place. Address J. Hodge, 725 State Street, Meadville, Pa.

SITUATION WANTED—By first-class grower of roses, carnations, pot and bedding plants; can give first-class references; Chicago preferred. Address No. 166, care Florists' Review, Chicago.

SITUATION WANTED—By general grower of roses (grafter and propagator), carnations, mums and cutting stock; German, single, 30 years of age; aole to take charge. Address No. 167, care Florists' Review, Chicago.

SITUATION WANTED—By a single middle-aged man, good grower of roses, carnations, mums and general stock; also good designer; capable of taking full charge. Florist, 733 State St., Chicago Mills Hotel, Chicago, Ill.

SITUATION WANTED—Experienced working foreman, grower of fine roses, carnations, mums, bulbs, general all-round stock; good designer; age 48; best references; good wages. Florist, 275 Magnolia St., Detroit, Mich.

SITUATION WANTED—First-class grower of all-round greenhouse stuff, also good designer; married, age 33, have the best of references; 16 years' experience. Address M. G., care S. Baiko, 2478 W. 7th, Cleveland, O.

SITUATION WANTED—As store man, first-class designer and decorator, can handle fine trade; young, active, employed at present and married; near New York City or Boston only. Address C. M., 246 Alexander St., Rochester, N. Y.

SITUATION WANTED—A German, life experience in general line of florist business, age 32, single, able to take charge; would prefer commercial place where a good line of all-round stock is grown for retail trade. Address H. F., General Delivery, Saginaw, Mich.

SITUATION WANTED—As grower, private or commercial, western states or B. C.; capable of taking charge; design work; good references; single, age 27, abstainer; disengaged Dec. 3d; state wages and full particulars in first letter. E. G. Blagrave, c/o Frache Bros., Columbia, B. C.

HELP WANTED—An A 1 grower of cucumbers; also state experience in other lines of cut flowers; must be sober and reliable; state wages; married man preferred; give references. Address No. 168, care Florists' Review, Chicago.

HELP WANTED—Grower for propagating bedding stuff and pot plants; single man; wages, $30.00 per month, room and board. H. C. Bucheler, R. D. 1, Fair Haven, Pa.

HELP WANTED—A young man on a commercial place to work in greenhouses and deliver. Call at 5329 S. Morgan St., Chicago. Ensweiler.

HELP WANTED—Sober, industrious man for commercial place; state age, wages expected and send reference in first letter. Chas. Vorkeller, So. Bethlehem, Pa.

HELP WANTED—First-class working foreman, who can take charge of 50,000 feet of glass and produce A 1 stock; give reference, state wages, etc., in first letter. Kemble Floral Co., Oskaloosa, Ia.

HELP WANTED—A good carnation grower; also a man having good knowledge of plant growing; $15.00 per week with room on place; single man only; send reference with answer. Washington Florists Co., 13th and F Sts., Washington, D. C.

HELP WANTED—Young man to work himself up in a growing shipping business, to take care of cyclamen especially; must also be good propagator of anything, quick and accurate worker, handy in packing small stock and not be afraid to tackle any job; opportunity given to enter the business in a few years; European experience preferred. J. L. Schiller, Toledo, Ohio.

WANTED TO RENT—Greenhouse near good market for term of years. Address No. 164, care Florists' Review, Chicago.

FOR SALE—5 greenhouses, the best money-maker in the west. Amarillo Greenhouses, Amarillo, Tex.

FOR SALE—5 greenhouses, cheap, on easy terms; net profit $6,000.00 per year. T. A. Gettys, Amarillo, Tex.

FOR SALE—General Electric motor, 3 H. P., single phase, 60 cycle, 220 volt, 1,800 rev. per minute; good as new; bargain. W. B. Woodruff, Westfield, N. J.

FOR SALE—No. 3 Kroeschell boiler, used 3 seasons, as good as new; price right if taken now, as I need the room. Address Carl R. Lloyd, Sweet Hill Greenhouses, Plaistow, New Hampshire.

FOR SALE—Good live nursery business, new country, at bargain; half cash; fine stock, ten acres land, irrigating plant, Vinifera grape vineyard, 4,000 vines. For particulars write The Snyder Nursery, Snyder, Texas.

FOR SALE—A good live business and stock in an up-to-date lively factory town of 6000; will lease modern residence, greenhouses and land for a term of years; only those who mean business need to reply; southern Michigan. Address No. 134, care Florists' Review, Chicago.

FOR SALE—Surplus wire hanging baskets to close out, all new and in A 1 condition; 10-in., 75c per doz.; 14-in., $1.25 per doz.; 16-in., $2.00 per doz.; 18-in., $3.00 per doz.; 20-in., $5.00 per doz. Painted pot labels, 4-in., 50c per 1000. Cash with order. Jas. M. Tanner, Florist, Emporia, Kan.

FOR SALE—The long established florist business of John E. Haines, Bethlehem, Pa., recently deceased; 24,000 feet of glass; the business is now successfully and profitably conducted by his executor, but must be sold to carry out the provisions of his will. L. F. Leibfried, Executor, Estate of John E. Haines, dec., Bethlehem, Pa.

FOR SALE—Flower pots. Per 1000: 2-in., $2.50; 2½-in., $3.00; 3-in., $4.50; 3½-in., $6.50; 4-in., $7.50; 5-in., $12.50; 6-in., $1.50 per 100. Saucers, 5-in., 75c per 100; 6-in., $1.00 per 100. These pots have been used, but have all been scrubbed by hand, and are practically as good as new. F. O. B. Cash with order. Jas. M. Tanner, Florist, Emporia, Kan.

FOR SALE—Well established florist business in town of 10,000, with good resort trade; 9,000 ft. of glass in two modern King Construction Co. houses; Kroeschell hot water boiler; well stocked for winter and in good shape; we operate a store in a good location downtown, which we will rent if desired; greenhouse plant, with lease on land, $5,000; will also sell residence and land, if desired; write for details and a photo of plant, or call and investigate for yourself. The Flower Shop, Chas. S. Dutton, 24 W. 8th St., Holland, Mich.

Winter Position in Florida

For a person of business experience in retail cut flower trade—an acquaintance with confectionery and fruit will be additional qualification. Must give unexceptionable evidence of trustworthiness and ability. Woman preferred. Address

No. 169, care Florists' Review, Chicago

Cash For Your Property or Business. I bring buyer and seller together, no matter where located. If you want to buy or sell, address FRANK P. CLEVELAND, 2780 Adams Express Building, Chicago, Ill.

Situation Wanted

By first-class orchid grower, who understands all-round greenhouse work; German, 32 years old; state wages in first letter.

C. RETZLAFF,
5351 North Robey St. Chicago

Wanted--Seedsman

For retail store in the south. Must have five years' or more experience in seed business. In answering, name age, give experience and reference. Address

No. 170, care Florists' Review, Chicago

Landscape Gardeners

will find it to their interest to read **Park and Cemetery** and **Landscape Gardening** regularly. Some gardeners consider it the best journal on landscape gardening. Send 25c for two copies and special offer to new subscribers.

R. J. HAIGHT, 440 So. Dearborn St., CHICAGO
Mention Florists' Review.

BARGAINS in Return Steam Traps Reducing Valves Blow-Off Valves Water Circulators

ROBERT ROSS JONES & BRO.
HARRISBURG, PA.

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In one of our greenhouses we have a bed of lettuce which seems to be diseased. On many of the plants the bottom leaves look as if they were frozen, and die off. Is there anything I can do to prevent this? We use both cow and horse manure. Please let us know what to do. J. G.

I think your lettuce has the disease that is troublesome to many lettuce growers; that is, the fungous disease which spreads over the ground and rots the stalk just above the ground. I would suggest that you ventilate freely and do not wet the leaves of the lettuce when watering. Just water between the plants and not too frequently; do not water until necessary and then only where they need it. In parts of the bed where the plants are dying out, pull them up and dust some air-slaked lime over the soil. Keep the ventilators open a little every day and as long as possible. H. G.

MUSHROOMS IN OLD TUNNEL.

I shall be grateful to you if you will give me a little information. I am thinking of attempting to grow mushrooms in an old tunnel, but do not know what ventilation is needed. I would use the tunnel for a distance of 100 to 500 feet. Is a little water in the tunnel any drawback? Is manure mixed with sawdust or wood-shavings suitable to use for this crop? A. E.

Manure mixed with sawdust or shavings would not be good for mushrooms, and water in the part of the tunnel you propose to use would be undesirable. You would also need ventilation, as the mushrooms require fresh air. Considering everything, I would hesitate to advise you to try mushrooms in the tunnel, unless you have had some previous experience with them. I do not think, from your letter, that you have a desirable place, although you might make the needed changes. Why not try the experiment on a small scale first and visit someone who is growing mushrooms in your vicinity? H. G.

ASHTABULA, O.

Damage to over $300 was done to the greenhouses of Gallup Bros., on Woodman avenue, as a result of the heavy fall of snow and the severe cold snap which Ashtabula suffered last week. Fifteen tons of snow accumulated on the roofs of the houses and the wind was strong, so that the glass covering half a house caved in. The snow was cleared out as soon as assistance arrived and a heavy canvas stretched over the smashed roofing. In this way the remainder of the crop was saved. A hurried order was sent to Conneaut for material to rebuild the house. The houses are owned by Charles H. and Edward P. Gallup, lettuce growers. While the damage done was costly enough, they are congratulating themselves that more lettuce was not destroyed. It was probably the timely action of spreading the canvas that saved the crop.

Every greenhouse in Ashtabula suffered from the effects of the snow. Griswold's and Rogers' plants at the west end were scenes of some destruction, although there was no extensive damage done at either place. Lettuce growers say that the snow fell in such a quantity and did not melt for so long that the pressure on the glass was extremely heavy. The accident at the Gallup houses was the first one of the kind ever to happen in Ashtabula, which is considered quite remarkable considering the amount of glass which the city supports. The loss is felt more keenly just now on account of the scarcity and high price of lettuce.

WAKEFIELD, KAN.

After rather a discouraging season, with an extremely hot, dry summer and a period of rather dull business in the early fall, there is now a great improvement in trade. The change from mild to cold weather was accompanied in this vicinity by one of the worst blizzards ever seen here so early in November. The mercury dropped to 3 degrees above zero, and the Manhattan Agricultural College reports a loss of $300 in plants. There was no snow. Mums are plentiful. Carnations are on the short side, but give promise of a good crop for the holidays.

Mrs. Carrie Collins, of Manhattan, has entered the florists' trade. She has built a greenhouse and will grow carnations and bedding plants for the local market.

E. F. Walter & Son, of Junction City, have installed an oil burner in one of their hot water boilers and are experimenting with oil as fuel. So far, they say, the results are satisfactory. They report that trade in cut flowers shows a good increase. P. R. W.

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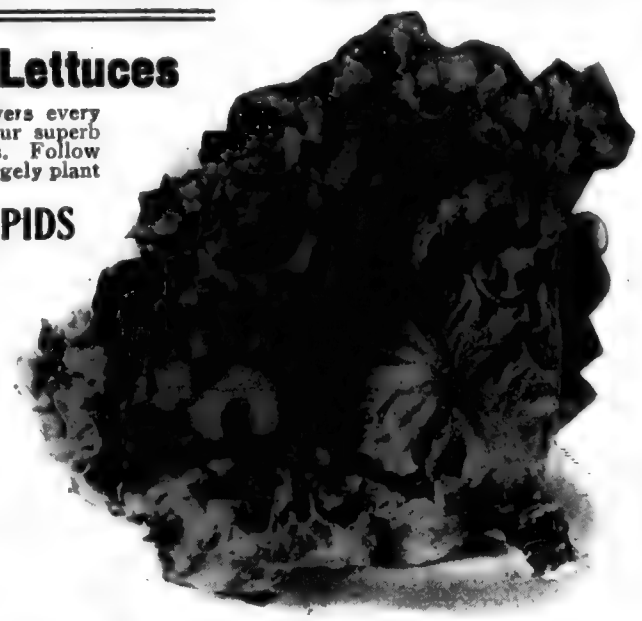
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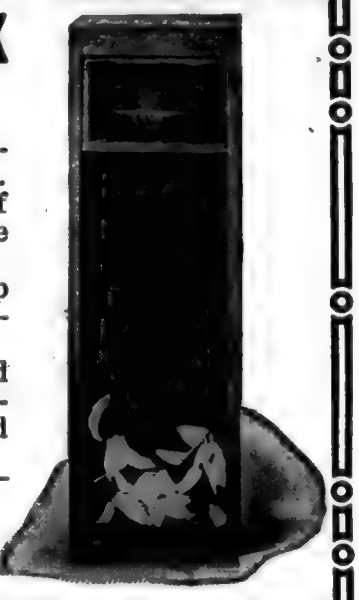
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Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Leonard H. Vaughan, Chicago; First VicePres., M. H. Duryea, New York City; Sec'y and Treas., C. E. Kendel, Cleveland, O.

THE S. S. Amerika, from Hamburg, which arrived at New York November 12, brought the following consignments of valley pips: Maltus & Ware, 190 cases; Hagemann, W., & Co., 255 cases; to order, 106 cases.

THE Robinson Seed Co., of Waterloo, Neb., will install a new electric plant, of twenty-five kilowatts power, to be used partly for operating machinery and partly for lighting. The plant will occupy a new cement block building, near the engine house.

W. ATLEE BURPEE & Co. recently concluded an essay-writing contest, having offered $1,000 split up into fifty-five prizes for the best letters on "Why Burpee's is the largest mail order seed firm in the world." There were several thousand answers, the jury of award being composed of the editors of three farm papers.

NOVEMBER 11, at Rocky Ford, Colo., there was another severe snow storm and the temperature dropped to 16 degrees below zero. Most of the crops have been harvested, but there are a few still in the pits, which were covered and protected. Fear is expressed that the severe cold may affect the germination of some of the cucumber crops in that vicinity, also in the vicinity of Ordway, and that it will also affect the germinating qualities of the late crops of water melon in Kansas and Oklahoma and the crops of pumpkin and squash in Nebraska that had not been seeded prior to the cold weather and which may make considera-

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ble difference in the percentages of the deliveries for some of the varieties of vine seeds.

THE Hall Seed Co., of Louisville, Ky., has been incorporated, with a capital of $50,000. The incorporators are E. C. Foltz, W. P. Hall and W. P. Bunton.

WALDO ROHNERT, Gilroy, Cal., will have 1,800 acres under seed crops for 1912. His representative, Fred H. Hunter, is in the east on a contracting trip.

CANNERS are making a great to do about the scarcity of peas for seed. In pushing up their prices for the 1912 pack they emphasize the increased cost of seed and the impossibility of procuring all that they would like to have.

WHAT are the prices of seeds, anyway? On many items the sellers will not let go of more than a limited quantity at prices accepted from regular customers, nor in many cases do they care to sell to transient trade at the long prices one hears quoted as the current values.

THE Bain-McLees Seed Co., Little Rock, Ark., has been organized to engage in the wholesale and retail seed business. R. M. Bain, Jr., has long been the manager of the Modern Gin and Compress Co., and David McLees has for a long time been with the Charles Leifer Seed Co. The new company has not yet secured a building.

GOVERNMENT SEED TESTING.

November 1 Seed-Testing Laboratories were opened by the U. S. Department of Agriculture in coöperation with the Louisiana Agricultural Experiment Station, Baton Rouge, La., and the California Agricultural Experiment Station, Berkeley, Cal. Similar laboratories in coöperation with the Oregon Agricultural College, Corvallis, Ore., the Missouri Agricultural Experi-

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Forcing Hyacinths, 100, $2.00.
Dutch Roman Hyacinths, 100, $1.50.
Tulips, Belle Alliance, 100, $1.25.
" La Reine, selected, 100, 55c.
" Pottebakker, yellow, 100, 30c.
" Rose Grisdelin, 100, 55c.
" Single Superfine, mixed, 100, 45c.
" Double Superfine, mixed, 100, 50c.
" Rex Rubrorum, 100, $1.00.
" Parrots, finest mixed, 100, 50c.
" Macrospeila, 100, 60c.
" Gesneriana, 100, 75c.
" Picotee, 100, 60c.
" Late, single, mixed, 100, 50c.
Narcissus, Poeticus, 100, 40c.
" Princeps, 100, 50c.
" Single Von Sion, 100, 75c.
" Stella, 100, 50c.
" Double Incomparable, 100, 60c.
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Giant Princeps, rich yellow	.80	7.00
Single mixed, splendid collection	.65	5.50
Single mixed Trumpets	.65	5.50
Single Jonquils	.50	4.50
Campernelle	.65	5.50

DOUBLE SORTS

Von Sion, selected, single nose	1.30	12.00
Incomparable, orange and yellow	.85	7.50
Orange Phoenix, white and orange	1.00	8.50
Alba plena odorata, sweet scented	.75	6.50
Double mixed	.75	6.50

Freesias

Mammoth	1.25	10.00

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See Page 12,
October 5 Issue of The Review

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ment Station, Columbia, Mo., and Purdue University, La Fayette, Ind., are in operation. These laboratories are established and maintained for the purpose of furnishing information as to the quality of agricultural seeds.

Samples may be submitted to the Seed Laboratory, Bureau of Plant Industry, U. S. Department of Agriculture, Washington, D. C., or to the nearest branch laboratory, where they will be identified, examined or tested, according to the request accompanying them.

1. Identification of seeds of weeds and crop plants.
2. Examination for the presence of adulterants or dodder.

All samples sent for these purposes will be examined at once and a report sent by mail (or by telegraph at the expense of the receiver).

3. Test for mechanical purity.

This involves the determination of the percentage by weight of—

a. Pure seed (the kind being examined).
b. Foreign seed (all seeds not of the kind being examined).
c. Sticks, stones, dirt and chaff, and the identification of the weed seeds present.

These tests require considerable time and can be made only by experts. The facilities of the seed laboratory will permit not more than five (5) such tests to be made for any one firm or

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All seeds offered are grown under my personal supervision on **my own vast grounds,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

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THOMSON'S Vine Plant and Vegetable **MANURE**

Unrivaled for vines, tomatoes, cucumbers, all flowering, foliage and fruit bearing plants; vegetables, lawns, etc. Has stood the test of 30 years. The result of many years of practical experience.

Sold by Leading American Seedsmen.

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High-grade Hyacinths, Tulips, Narcissus, Crocus, etc. Write for Catalogue.

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Japanese, Holland and French Bulbs
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FRUIT and ORNAMENTAL STOCKS
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Purity and germination guaranteed.
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LILIUM HARRISII

(THE BERMUDA EASTER LILY)

LET US SUPPLY YOUR WANTS IN LILIES THIS SEASON

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers whose stocks have been worked up from the true, original stock. In order to insure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used; this prevents disease and insures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock and when this is disposed of we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

6- 7 inch bulbs,	335 to the case,	$15.00 per case;	full thousand lots, $ 40.00 per 1000
7- 9 inch bulbs,	200 to the case,	16.00 per case;	full thousand lots, 75.00 per 1000
9-11 inch bulbs,	100 to the case,	18.00 per case;	full thousand lots, 175.00 per 1000

FERNS

We have an exceptionally nice lot of ferns in the following varieties—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6-inch pots	$0.50 each
Nephrolepis Elegantissima, Piersoni, Bostoniensis and Harrisii, heavy 8-inch plants	$1.00 to 1.50 each
Nephrolepis Elegantissima, Bostoniensis and Harrisii, heavy 10-inch plants	2.50 each

F. R. PIERSON CO., TARRYTOWN-ON-HUDSON, N. Y.

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individual in any one calendar month. These tests will be made and reports sent as promptly as possible and in the order in which the samples are received.

4. Test for germination.

This test is made to determine the percentage of seed which will germinate under favorable conditions. The seed of cereals, clovers and many vegetables can be easily tested without the use of special apparatus. Some seeds, however, including a number of the grasses, are more difficult to test, requiring exact conditions of temperature and moisture.

Samples will be tested for germination in the order in which they are received, and not more than ten (10) tests for germination will be made for any one firm or individual in any one calendar month.

E. Brown, Botanist in Charge.

IMPORTS.

The imports of seeds through the port of New York for the week ending November 11 were as follows:

Kind.	Pkgs.	Val.	Kind.	Pkgs.	Val.
Annatto ..	10	$ 45	Fenugreek	100	$ 500
Anise ...	174	1,491	Grass ...	130	2,531
Canary ..	1,844	4,547	Lycopod'm	10	973
Caraway .	450	2,617	Mustard ..	750	4,922
Celery ...	30	853	Poppy	850	6,121
Clover ...	2,190	77,745	Rape	250	1,539
Coriander	148	500	Other	...	10,831
Fennel ...	164	1,034			

In the same period the imports of bulbs, trees and plants were valued at $58,191.

CATALOGUES RECEIVED.

Carl Purdy, Ukiah, Cal., three separate lists, entitled "Bulbs for Fall Planting," "Hardy Perennial Plants," and "Bulbs and Wild Flower Seeds of California"; Kelway & Son, Langport, England, wholesale list of gladioli; E. H. Hunt, Chicago, Ill., florists' supplies.

Our **Gladioli** are noted the world over for **Superior Merit**

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JOHN LEWIS CHILDS FLOWERFIELD, Long Island, N.Y.

Our New Gladiolus

"PRINCEPINE"

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Write for literature and prices.

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Gladiolus Specialists, Pembroke, N. Y.

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SPIRAEA CLUMPS for Forcing

	Doz.	100
Astilboides Floribunda	$0 85	$ 6 00
Gladstone	1.25	9 00
Superba	.90	7.00

Cash with order or satisfactory references.

Weeber & Don, Seed Merchants and Growers 114 Chamber Street **New York**

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Plants

Bulbs

All Seasonable kinds of Best quality.

Special prices on large lots.

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Telephone 4285 Gramercy

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Stokes Seeds Philadelphia

Dutch Bulbs

CHEAP TO CLEAR

Tulips

	Per 1000
Goldfinch, the finest yellow	$7.00
Yellow Prince, the standard yellow	7.00
Artus	6.50
Keizerskroon	9.00

Tulips

	Per 1000
Double Murillo, the fine double pink	$8.00
Superfine mixed	7.00

NEW CROP SEED. Salvia Splendens, 25c tr. pkt; $1.40 oz.; $4.00 ¼ lb.; $14.00 lb. **Salvia Clara Bedman or Bonfire,** 40c tr. pkt; $1.75 oz.; $5.00 ¼ lb.; $18.00 lb.

STOKES' SEED STORE

219 Market Street, Philadelphia, Pa.

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Ayres' Superior Sweet Pea Seed

Christmas Pink, Christmas White, Christmas Blue, Watchung, Christmas Primrose, lb., $1.50; ¼ lb., 50c; oz., 20c.

Mrs. Alex Wallace (lavender), Ayres' Thanksgiving (white), Florence Denzer (white), Mary Elizabeth (variegated pink), Mrs. William Sim (salmon pink), Mrs. W. W. Smalley (satin pink), lb., $2.00; ¼ lb., 75c; oz., 25c.

Write for catalogue of many other varieties.

Ayres' Re-selected Grand Rapids Lettuce Seed

Is universally used by florists. Oz., 15c; lb., $1.25.

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From our own Cold Storage Plant

IMMEDIATE SHIPMENTS

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For Fall Planting

Lilium Henryi, Hansoni, tenuifolium, Davuricum, Wallacei, elegans and tiger; Daphne cneorum, Delphinium formosum, Japan Tree Lilac Japan and German Iris.

Fall list ready now.

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New Crop—Greenhouse-grown

100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $3.50; 10,000 seeds, $30.00.

Sprengeri, 25c per 250 seeds; 75c per 1000 seeds; $2.75 per 5000 seeds.

Our Flower Seed Catalogue free on application.

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LILIUM HARRISII, 7-9 inches in circumference at $17.00 per case of 250 bulbs.

WHITE ROMAN HYACINTHS, 12-15 ctms. at $18.00 per 1000.

Paper White Grandiflora Narcissus, at $8.00 per 1000.

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Only a limited supply left, so speak quickly.

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SOW NOW!

Get Ready for Early Spring Sales

	6 Tr. Pkts.	Tr. Pkt.
BEGONIA Gracilis Luminosa, true stock, with large scarlet flowers	$2.50	$0.50
Erfordii, fine pink variety	2.50	.50
Bedding Queen, most beautiful pink Wax Begonia	2.50	.50
Vernon, fine red	1.25	.25
CYCLAMEN Persicum Splendens Giganteum, finest colors, assorted, 1000 seeds	5.00	.75

O. V. ZANGEN, Hoboken, N. J.

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CYCLAMEN

GIGANTEUM SEED, finest Giants in choicest mixture, truly grand, 250 seeds, $1.00; ½ pkt., 50c; 1000 seeds, $3.50.

SHAMROCK, IRISH, green, true, pkt., 20c.

GIANT PANSY Finest grown, critically selected, 6000 seeds, $1.00; ½ pkt., 50c. Pkt. of Giant **Mme. Perret** with every order for Pansy Seed.

CASH. Liberal extra count.

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Horseshoe Brand Bulbs for immediate shipment.

FORMOSUM

6/7	$10.00 per case 350 bulbs
6/8	15.00 per case 370 bulbs
7/9	18.00 per case 300 bulbs

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6/ 8	$20.00 per case 400 bulbs
7/ 8	21.00 per case 350 bulbs
7/ 9	22.50 per case 300 bulbs
8/10	25.00 per case 250 bulbs
9/10	24.00 per case 200 bulbs
10/11	22.50 per case 150 bulbs
11/12	22.00 per case 130 bulbs

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Wholesale Cut Flower Prices.

Philadelphia, Nov. 22, 1911.

	Per doz.
Beauty, Specials	$4.00 @ $5.00
" Extra	3.00
" Medium	2.00 @ 2.50
" Short	1.00 @ 1.50
	Per 100
The Killarneys, Fancy	$ 8.00 @ $10.00
" Select	5.00 @ 6.00
" Ordinary	3.00 @ 4.00
Kaiserin	3.00 @ 8.00
My Maryland, Bride, Richmond—Fancy	8.00
Select	5.00 @ 6.00
Ordinary	3.00 @ 4.00
Melody	3.00 @ 8.00
Carnations, The Wards, Gloriosa	4.00
" Select	2.00 @ 3.00
" Ordinary	1.00 @ 1.50
Cattleyas ...per doz., $7.00 @ $9.00	
Dendrobium.....per doz., 6.00	
Oncidiums	2.50 @ 3.00
Vandas	20.00
Cypripediums	15.00
Gardenias.. per doz., $2.00 @ $4.00	
Easter Lilies.per doz., 1.00 @ 1 20	
Callas.....per doz., 1.00	
Asparagus....bunch, .35 @ .50	
Adiantum	.75 @ 1.00
Smilax	12.50 @ 15.00
Valley	2.00 @ 4.00
Sweet Peas	.50 @ 1.00
Chrysanthemums .....doz.	
" fancy..$2.50 @ $3.00	
" select.. 1.50 @ 2.00	
" ordinary .75 @ 1.00	
" Pompons, per bunch, 35c @ 50c	
Violets, single, fancy	1.00 @ 1.50
" " ordinary	.35 @ .50
" double, fancy	1.25 @ 1.50
" " ordinary	.50 @ .75
Daisies	.75 @ 1.00
Bouvardia	3.00 @ 4.00
Snapdragon	2.00 @ 4.00
Pansies	.50
Lilacs.....per bunch, $1.00	
Stevia	1.00
Paper Whites	3.00

Buffalo, Nov. 22, 1911.

	Per 100
Beauty, Specials	$30.00 @ $35.00
" Fancy	20.00 @ 25.00
" Extra	15.00 @ 20.00
" Firsts	10.00 @ 12.00
" Shorts	3.00 @ 5.00
Bon Silene	3.00 @ 4.00
Perle	4.00 @ 6.00
Bride and Maid	3.00 @ 7.00
Killarney	3.00 @ 8.00
White Killarney	3.00 @ 8.00
Richmond	3.00 @ 8.00
Maryland	3.00 @ 7.00
Carnations	1.50 @ 2.50
Lily of the Valley	3.00 @ 4.00
Longiflorums	10.00 @ 12.00
Japan Lilies	3.00 @ 4.00
Chrysanthemums	6.00 @ 25.00
Violets	.50 @ .60
Mignonette	3.00 @ 4.00
Sweet Peas	.60 @ .75
Paper Whites	3.00

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J. Kopelman
Wholesale and Commission Florist
25 Washington St., Providence, R. I.
GREENHOUSES, OAKLAWN, R. I.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Boston, Nov. 22, 1911.

	Per 100
Beauty, Specials	$20.00 @ $25.00
" Extra	8.00 @ 12.00
" Short Stems	2.00 @ 6.00
Killarney	1.00 @ 10.00
White Killarney	1.00 @ 10.00
My Maryland	1.00 @ 6.00
Mrs. Aaron Ward	1.00 @ 6.00
Lady Hillingdon	1.00 @ 6.00
Richmond, Rhea Reid	1.00 @ 8.00
Carnots	1.00 @ 5.00
Carnations	1.00 @ 2.50
Cattleyas	30.00 @ 35.00
Cypripediums	8.00 @ 10.00
Pansies	.50 @ 1.00
Lily of the Valley	1.50 @ 3.00
Lilium Longiflorum	8.00 @ 10.00
Gardenias	4.00 @ 12.00
Lilium Speciosum	3.00 @ 4.00
Cosmos	.50 @ 1 00
Chrysanthemums	3 00 @ 16.00
Violets, single	.75 @ 1.00
" double	.75 @ 1.00
Sweet Peas	.40 @ .50
Antirrhinums	2.00 @ 5.00
Marguerites	1.00 @ 2.00
Paper White Narcissi	1 00 @ 2.00
Roman Hyacinths	1.00 @ 2.00

St. Louis, Nov. 22, 1911.

	Per doz.
Beauty, Specials	$4.00 @ $5.00
" Extra	2.00 @ 3.00
" Shorts	.50 @ 1.50
	Per 100
Bride, Maid and Cochet	$ 3.00 @ $ 8.00
Richmond	3.00 @ 8.00
Maryland	3.00 @ 8.00
White Killarney	3.00 @ 8.00
Killarney	3.00 @ 8.00
Carnations	2.00 @ 3.00
Lily of the Valley	3.00 @ 4.00
Harrisii	10.00 @ 12.50
Chrysanthemums..doz., $1 50-$2.50	
Orchids.....doz.. $5.00 @ 6.00	
Violets	.25 @ .75

THE Mum Manual, by Elmer D. Smith, for 40 cents sent to The Review.

The Munk Floral Co.
Wholesale Growers of
CUT FLOWERS
and Jobbers of
FLORISTS' SUPPLIES
Columbus, : Ohio
Mention The Review when you write

Wm. C. Smith Wholesale Floral Co.
Wholesale Florists
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Supplies and Everything in Season always on hand.

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Prepared Magnolia Leaves
Green or Brown. Imported stock. Extra choice quality guaranteed.
Per carton (about 1000 leaves) $2.25
Five cartons and over, per carton .. 2.00
Order Quick.
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Carnations ∴ Lilies ∴ Daisies ∴ Boxwood ∴ Sheet Moss
PITTSBURGH CUT FLOWER COMPANY
Wholesale Growers **121 Seventh St., Pittsburgh, Pa.**

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Wholesale Cut Flower Prices.

Chicago, Nov. 22, 1911.

	Per doz.
Beauty, long stems	$5.00 @ $6.00
" 36-in. "	4.00
" 30-in. "	3.00
" 24-in. "	2.50
" 20-in. "	2.00
" 15-in. "	1.50
" 12-in. "	1.00
" short "	.75

	Per 100
Killarney	$ 3.00 @ $10.00
White Killarney	3.00 @ 10.00
Richmond	3.00 @ 10.00
My Maryland	3.00 @ 10.00
Mrs. Jardine	3.00 @ 8.00
Rhea Reid	3.00 @ 10.00
Mrs. Aaron Ward	4.00 @ 15.00
Prince de Bulgarie	4.00 @ 15.00
Perle	3.00 @ 8.00
Melody	4.00 @ 10.00
Carnations	1.50 @ 4.00
Valley	3.00 @ 4.00
Easter Lilies	10.00 @ 12.50
Cattleyas....per doz.,	$6.00 @ $7.50
Mums..... "	1.00 @ 4.00
Violets	.50 @ 1.00
Sweet Peas	.75 @ 1.00
Paper Whites	3.00 @ 4.00
Mignonette	4.00 @ 6.00
Stevia	2.00

Pittsburgh, Nov. 22, 1911.

	Per doz.
Beauty, Specials	$1.00
" Fancy	$2.50 @ 3.00
" Medium	1.50 @ 2.00
" Short	.50 @ 1.00

	Per 100
Killarney, White Killarney	$3.00 @ $10.00
Richmond	4.00 @ 10.00
Bon Silene	3.00 @ 4.00
My Maryland	3.00 @ 8.00
Mrs. Ward	6.00
Melody	6.00
Carnations	1.00 @ 3.00
Oncidiums	4.00
Valley	3.00 @ 4.00
Lilies	6.00 @ 10.00
Chrysanthemums	3.00 @ 25.00
Violets, double	.75 @ 1.00

Cincinnati, Nov. 22, 1911.

	Per doz.
Beauty, Extra	$2.50 @ $3.00
" No. 1	2.00
" No. 2	1.00 @ 1.50

	Per 100
Killarney	$ 4.00 @ $ 6.00
Richmond	4.00 @ 6.00
Bride	4.00 @ 6.00
Carnations	1.00 @ 2.00
Lilium Harrisii	10.00 @ 15.00
Lily of the Valley	3.00 @ 4.00
Cattleyas	60.00
Mums.....per doz.,	$1.50 @ $2.00
Violets	.50

Milwaukee, Nov. 22, 1911.

	Per 100
Beauty, Long	$20.00 @ $25.00
" Medium	10.00 @ 15.00
" Short	6.00 @ 8.00
Richmond	3.00 @ 8.00
Killarney	3.00 @ 10.00
White Killarney	3.00 @ 10.00
Kaiserin	3.00 @ 8.00
Carnations	1.50 @ 4.00
Valley	3.00
Lilies	10.00 @ 12.50
Chrysanthemums, doz.,	$0.75-$3.00
" Single and Pompons.....per bunch,	50c
Violets	.75 @ 1.00

PLEASE stop my ad for carnations, as I was sold out quick.—J. W. Furst, Dayton, O.

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The Largest Wholesale House in America
Orchids :: American Beauties :: Gardenias :: Other Seasonable Flowers

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ROSES, VALLEY and CARNATIONS A Specialty
WHOLESALE GROWER of **CUT FLOWERS**

Vaughan & Sperry
WHOLESALE FLORISTS
159 North Wabash Avenue, Chicago
Write for Special Prices.
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Wholesale Cut Flower Prices.

New York, Nov. 20, 1911.

	Per 100
Beauty, Specials	$25.00 @ $35.00
" Fancy	15.00 @ 20.00
" Extra	6.00 @ 10.00
" No. 1	3.00 @ 6.00
" No. 2	1.00 @ 3.00
Bride and Maid	.50 @ 5.00
Killarney	.75 @ 6.00
My Maryland	.75 @ 6.00
Richmond	.75 @ 6.00
Chatenay	2.00 @ 8.00
Orchids	40.00 @ 75.00
Oncidiums	1.00 @ 1.50
Cypripediums	10.00 @ 12.00
Carnations	1.00 @ 3.00
Easter Lilies	4.00 @ 6.00
Lily of the Valley	2.00 @ 3.00
Gardenias...per doz., $1.00 @ $4.00	
Violets	.35 @ .75
Daisies	.50 @ 1.50
Ferns.....per 1000,	1.00 @ 1.50
Smilax.....per doz.,	.75 @ 1.00
Chrysanthemums	2.00 @ 35.00
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Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Greens. Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

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Room for the products of growers of first-class stock. We have what you want when you want it.

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Evergreens, Peonies, Phlox, Shrubs, Trees, Fruit Trees, Small Fruits.

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W. & T. SMITH COMPANY, Geneva, N. Y.

65 YEARS — 800 ACRES.

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NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Officers for 1911-12: Pres., J. H. Dayton, Painesville, O.; Vice-pres., W. H. Wyman, North Abington, Mass.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-seventh annual meeting, Boston June 1912.

THE sudden death of Wm. H. Moon, Morrisville, Pa., is recorded in this week's obituary column.

THIS week's obituary column contains a report of the death of John Siebenthaler, the well known nurseryman of Dayton, O.

THE White Elm Nursery, Oconomowoc, Wis., has the contract to plant 300 large American elms on Garden terrace, a new addition to Milwaukee.

THE dwelling on the grounds of the Humboldt Nursery Co., Humboldt, Ia., was burned November 15. Loss, $2,500; insurance, $1,000. The nursery is the property of M. E. Standra.

FRED D. CLAVEY, of the Ravinia Nursery, which formerly comprised 107 acres at Deerfield, Ill., has purchased an additional tract of eighty acres near that town. The price is said to be $12,000.

WINTER weather has interrupted nursery operations at many important centers. In general it has been a good season, but there yet remains much stock to get out should weather conditions permit.

THE Frisco railroad and the Missouri State Experiment Station are coöperating in running a horticultural demonstration train. There is a large attendance of fruit growers at every town in the Ozarks.

WHEN the railroads put into effect their new uniform classification, nursery stock will have to be described in bills of lading either as dormant or not dormant, the former of course taking the lower rate.

THE FREEZE AT ALTON.

Harry M. Burton, of the firm of Burton & Son, Alton, Ill., says that the early freeze-up is quite serious to the nurseries in taking care of their fall stock, which is being sold just now for planting. November 10 is the standard time for fall planting of trees in this section and the nursery was just getting out its first orders when the sudden drop in the mercury came. The Burton firm has many orders which, on account of the condition of the weather, it is impossible to fill. The nurserymen are hoping for more favorable weather to return again before the winter starts in to stay.

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

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BOBBINK & ATKINS, Nurserymen and Florists RUTHERFORD, N. J.

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Clematis Paniculata

Strong, Field-grown Stock.

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Extra selected, $8.00 per 100; $70.00 per 1000.

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FIELD GROWN SHRUBS IRIS PÆONIES ROSES THE USN CO

The United States Nursery Co.

Roseacres, Coahoma Co., MISS.

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OAKS AND MAPLES, PINES AND HEMLOCKS

ANDORRA NURSERIES

Wm. Warner Harper, Prop.

Chestnut Hill, Philadelphia, Pa.

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FRUIT TREES APPLE and PEACH. Large stock Fine Trees, commercial varieties. Prices Reasonable **Mitchell Nursery,** Beverly, Ohio

HORTICULTURAL IMPORTS.

The S. S. Rotterdam, from Rotterdam, arrived at New York November 14, with the following consignments of seeds, bulbs and nursery stock:

Thorburn, J. M., & Co., 9 bags peas.
Nungesser & Co., 117 bags grass seed.
Henderson, P., & Co., 19 cases bulbs.
Cobb, C. H., 6 cases plants.
Kelby, G. J., 5 cases plants.
Henderson, P., & Co., 20 cases trees.
Pierson, F. R., Co., 71 cases roots.
Baldwin, A., & Co., 5 cases bulbs, etc.
Mills, R. H., 24 cases shrubs, etc.
Jensen, J., 2 cases plants.
Stone, C. D., & Co., 1 case bulbs.
Abel, C. C., & Co., 2 cases bulbs.
Hagemann, W., & Co., 49 cases trees, etc.
Adams Express Co., 93 cases plants, etc.
Collins, W. F., 114 cases shrubs, etc.
MacNiff Horticultural Co., 12 cases shrubs, etc.
Wadley & Smythe, 30 cases shrubs, etc.
McHutchison & Co., 79 cases shrubs, etc.
Elliott, W., & Son, 14 cases shrubs, etc.
Maltus & Ware, 238 cases bulbs.
Sheldon, G. W., & Co., 18 bales seed.
Kuyper, P. C., & Co., 26 cases bulbs, 93 cases trees, 52 cases shrubs, etc.
Lang, R. F., 6 cases trees.
M. D. T. Co., 4 cases shrubs.
Roehrs, J., Co., 34 cases plants, etc.
Roelker, A., & Sons, 7 cases bulbs.
Darrow, H. F., 38 cases roots.
Vaughan's Seed Store, 86 cases shrubs, 66 cases bulbs.
Haynes, C. A., & Co., 2 cases shrubs.
Henderson, P., & Co., 21 cases roots.
Weeber & Don, 1 case roots.
Thorburn & Co., 4 cases roots.
Berger, H. H., & Co., 4 cases flower roots.
Hagemann, W., & Co., 1 case flower roots.
Stumpp & Walter Co., 2 cases trees.
Kuyper, P. C., & Co., 50 cases flower roots.
Vandegrift, F. B., & Co., 20 cases trees.
Marshall, W. E., & Co., 24 cases flower roots.
Merchants' Despatch, 4 cases trees, etc.
To Order, 150 bags red clover seed, 150 bags seed.

"You Have the FINEST CANNAS IN THE WORLD—I Congratulate You"

—commented the late Mr. Geo. H. Brown, Landscape Gardener, of U. S. Public Buildings and Grounds, Washington, D. C., on a recent visit here. These prices are for dormant roots, sound and in good condition. Order 250 or more of a kind at 50c per 100 less than prices here noted. **10% discount for November.** We make this offer chiefly because we are short of room to store our crop. For May 1st we offer potted plants at $2.50 per 100 more than prices named for dormant roots.

White and Yellow Shades	Per doz.	100.
Alsace	$0.50	$ 2.50
Brilliant	1.25	6.00
Buttercup	.75	5.00
California	.60	3.00
Compte de Bouchard	.50	2.50
Director Holtze	.50	2.50
Elizabeth Hoss	.50	2.50
Florence Vaughan	.50	2.50
Gladiator	.60	3.50
Indiana	.60	3.00
Italia	.60	4.00
Mt. Blanc, Imp	3.50	25.00
Okado	.50	2.50
Parthenope	.50	2.50
Queen of Holland	.75	5.00
Wyoming	.60	3.00
Variegated		
Allemania	.60	3.00
Burbank	.60	3.00
Gladioflora	2.50	15.00
Gov. Roosevelt	.50	2.50
Hailey's Comet	4.00	25.00
Souv. de A. Crozy	.60	3.00

Pink Shades	Per doz.	100.
Betsy Ross	$1.50	$ 7.50
Hiawatha	.75	5.00
Louise	.60	3.00
Martha Washington	.75	4.00
Minnehaha	2.50	15.00
Mlle. Berat	.50	2.50
*Mrs. A. F. Conard	9.00	60.00
Rosea Gigantea	6.00	45.00
Venus	.60	3.00
Wawa	1.50	10.00
West Grove	.50	2.50

*This one for spring delivery only.

Red Shades		
Black Prince	1.00	....
Black Warrior	1.50	7.50
Brandywine	1.00	5.00
Chautauqua	.75	4.00
Compte de Sachs	.75	4.00
David Harum	.75	4.00
Duke of Marlborough	.60	3.00
Egandale	.50	2.50
Express	.75	3.50

	Per doz.	100.
Favorite (Imp.)	$1.00	$ 8.00
George Washington	.60	3.50
Giant Crimson	.60	3.00
Imp. Black Beauty	1.50	10.00
Jupiter	.75	5.00
King Humbert	.75	5.00
Louisiana	.60	4.00
Meteor	6.00	40.00
Mt. Etna	.75	4.00
Mrs. Carl Kelsey	1.00	6.00
Mrs. Geo. A. Strohlein	.75	4.00
Mrs. Kate Gray	.50	2.50
New York	.90	7.00
Patrie	.60	3.50
Pennsylvania	.60	3.50
Philadelphia	.60	3.00
Pillar of Fire	.60	3.00
Pres. McKinley	.50	2.50
Triumph	.50	2.50
Uncle Sam	.75	5.00
Wm. Saunders	1.50	10.00

MRS. A. F. CONARD CANNA—1911 we sold out at $2.00 each; 1912 retail price will be $1.00.

THE CONARD & JONES CO. See our 2-page ad. in issue of Nov. 16th. **WEST GROVE, PA.**

Mention The Review when you write.

TARRYTOWN, N. Y.

The regular meeting of the Tarrytown Horticultural Society was held November 17, President Brunger in the chair, with a good attendance. Two honorary members were elected and two applications for membership received. The competition in roses for the prize offered by John Brunger was keen and a number of fine vases were shown. The prize was awarded to John Elliot, with a vase of My Maryland. A cultural certificate was awarded to Edward Trethewey for a vase of Wells' Late Pink chrysanthemum. Messrs. Scott, Brewer and Jamieson acted as judges. J. W. Smith was accorded a rising vote of thanks for the capable manner in which he had performed his duties as manager of the fall show. Next meeting will be carnation night.

G. M.

ROCHESTER CLUB DOINGS.

At the meeting of the Rochester Florists' Association, November 13, Charles C. Zoller, who is said to have first brought to this country from France the autochrome plate now widely used in color photography, gave an interesting lecture during which he exhibited more than a hundred views of flowers and trees, most of which were taken in or about Rochester.

By the Lumiere process of color photography, by which the pictures were made, the most delicate colors of nature are reproduced and preserved with astonishing fidelity. Photographs taken in the parks, the greenhouses and private conservatories of Rochester were shown by Mr. Zoller, one of the most difficult subjects being the orchids at the Kimball conservatory and the rainbow at Niagara Falls, which was the successful result of fifteen attempts to photograph it.

There were photographs of a number of the most beautiful residences in East avenue as they appear in summer, surrounded by flowers and trees. The Willow Pond, Corbett's Glen and several views taken at last year's flower show were among the most interesting. Another unique photograph was that of the Bausch automobile that won the prize in the industrial parade in 1909. The car was photographed as it appeared in the parade, decorated with flowers the colors of which were accurately reproduced.

To make the meetings of the association more profitable, it is planned to have at each monthly meeting a paper on some topic of interest to florists. Arnold George is chairman of the entertainment committee and he has arranged the season's program as follows: December, "The Chrysanthemum," C. B. Ogsten; January, "Perennials," J. M. Keller; February, "Annuals," George Arnold; March, "Roses," Laurence Cotter, of Jamestown; April, "Pruning," John Dunbar. A display of flowers will also be held at each meeting.

California Privet

Grown as a Specialty

You go to a specialist in other lines of business because you know you will get the best service. This applies to growers of nursery stock as well. Give me a trial and be convinced.

I have a large block to move this fall and will quote you prices that will enable you to get California Privet business. The stock will be as fine as can be grown. Send your list at once.

I AM GROWING CALIFORNIA PRIVET TO SELL, AND I SELL IT. THERE MUST BE A REASON.

C. A. BENNETT, Robbinsville, N. J.

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PEONIES

We have one of the finest stocks anywhere in the country and should be very glad to figure with you on your list of wants.

PETERSON NURSERY,
Stock Exchange Building, CHICAGO

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Peonies

ROSE GARDENS, NORTH EMPORIA, VA.

Mention The Review when you write.

California Privet

A full supply for all who need well grown, well graded, well rooted and well packed 2-year-old

California Privet

Only strong branches counted. Satisfaction guaranteed.

	Per 100	Per 1000
12 to 15 in., branches	$1.00	$ 7.00
15 to 20 in., 3 or more branches	1.50	10.00
20 to 30 in., fine, 4 or more branches	2.00	15.00
2½ to 3 ft., strong, 6 or more branches	3.00	25.00
3 to 4 ft., extra hv'y, 8 or more branches	4.00	30.00

10 per cent off on 5000 lots of the first four grades. Special low rates on car lots. Correspond before purchasing.

Chas. Black, Hightstown, N. J.

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HARDY CHOICE

ORNAMENTALS

Ask for Prices

Hiram T. Jones

Union County Nurseries, Elizabeth, N. J.

Mention The Review when you write.

PACIFIC COAST.

Sherwood, Ore.—A. I. Anderson, formerly a landscape gardener at Portland, has started a rose nursery here.

Portland, Ore.—George G. Willius has perfected a soil conveyor, for use in greenhouses, and is about to apply for a patent.

Spokane, Wash.—Henry E. Reimers has taken over the retail store of Miss M. Armstrong and will continue the business under the name of M. Armstrong & Co.

SAN FRANCISCO.

The Market.

We are within a week or two of Thanksgiving and everything is assuming rather a holiday appearance. California red berries have made their appearance and help to brighten things somewhat. Yellow mums are the most popular flowers now, and never before have they been so good or so cheap at this season. The weather has been perfect for their development and, although the prices at which they have been sold are not as high as we could wish, still the growers have done well with them. White mums are rather scarce and good stock brings a fair price, a little better than last year. Inside carnations and roses have made no change either in quality or price since last week, and until we get something different from this beautiful, balmy weather we need look for no particular change for the better. Poinsettias are coming up from the south in large quantities and, although the public has not become used to them yet, they make a beautiful showing and remind one that the holidays are near at hand.

Various Notes.

Eugene Horn, well known to the gardening fraternity of Portland, Ore., is in town, with the intention of permanently locating here.

John Young, formerly proprietor of the Dwight-Way Nursery, of Berkeley, Cal., and more recently a resident of northern California, is in town again.

Charles Bagnall is with the Epstein Floral Co., on Geary street.

J. R. Lewis is no longer with the Thorsted Floral Co., at their greenhouses at Fruitvale, Cal.

The California Evergreen Co. has moved its store from Twelfth street to San Pablo and Fifteenth streets, Oakland. G.

PORTLAND, ORE.

The Market.

Business conditions show a slight improvement over the last report, yet there is a laxity compared with former years. The proximity of Thanksgiving day increases the inquiry for yellow mums, as well as the usual football games of the week ends. Mums are showing more quality and quantity as the season advances Roses and carnations are equal to the demand. Local violets and valley are unusually scarce. California violets are poor. Cattleyas

Direct Importations---Tree Fern Stems

Due to arrive in the early spring of 1912.
The grandest and most graceful of all decorative plants.

Alsophila robusta, Dicksonia Antarctica, Dicksonia squarrosa, Cyathea medullaris, Cyathea dealbata, Cyathea Smithii Cyathea Cunninghami.

All sizes from three feet up.

We will also receive specimen plants of Platyceriums and Todeas,

Prices and particulars on application.

MacRORIE-McLAREN COMPANY

711-714 Westbank Bldg., SAN FRANCISCO, CAL. Nurseries, SAN MATEO, CAL.

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS SEED

Season 1911—1912.
Ready Soon for Delivery.

Our crop of Plumosus Seed has now set, and we are booking orders for delivery in January and February.

In Lots of 1,000	per 1000, $2.50
In Lots of 10,000	per 1000, 2.00
In Lots of 20,000	per 1000, 1.75
In Lots of 50,000	per 1000, 1.50

Write for quotations on larger lots.

Los Angeles Flower Market, 414½ South Broadway LOS ANGELES, CAL.

Mention The Review when you write.

LYNCH NURSERY COMPANY

Wholesale growers and shippers of Cut Flowers
CHRYSANTHEMUMS, ROSES, CARNATIONS, SMILAX, ASPARAGUS
We cover all Pacific Coast points

MENLO PARK, CALIFORNIA

Mention The Review when you write.

CYCLAMEN

7-inch pots, very heavy ..... per 10, $7.50
For Thanksgiving and Christmas delivery, plants to be exceptionally well flowered.

ASPARAGUS PLUMOSUS NANUS

2½-inch pots, from flats, ready for 3-inch pots..... per 100, $2.50; per 1000, $20.00

Carnation Rooted Cuttings for January, February and March Delivery. Beacon, Dorothy Gordon, Enchantress, Rose-pink Enchantress, Victory, Winsor, White Perfection. Healthiest, cleanest plants you can find on Pacific coast. No cuttings taken from outdoor stock. Send for Price List.

H HAYASHI & CO., 73rd and Thomas Streets, Elmhurst, Cal.

Mention The Review when you write.

CYCLAMEN

7-in. pots, per doz	$ 9.00
6-in. pots, per 100	65.00
5-in. pots, per 100	$45.00 to 50.00
4-in. pots, per 100	25.00
Cyclamen, 25,000 August seedling plants, all separate colors ..... per 100, $2.00; per 1000,	18.00
Asparagus Plumosus, 3-in. pots, per 100..	7.00
" " 2-in. pots, per 100..	3.00
" **Sprengeri**, 3-in. pots, per 100..	5.00
" " 2-in. pots, ready for shift, per 100	2.50
Boston Ferns, per 100.....	$25.00, $40.00 and 50.00
Elegantissima Ferns, 100, 25.00	40.00 and 50.00
Whitmani Ferns, per 100. 25.00,	40.00 and 50.00

F. O. B. Portland.

R. KEIL, - Lents, Oregon

Always mention the Florists' Review when writing advertisers.

SHASTA DAISIES

Alaska, California and **Westralia,** extra strong field divisions, $24.00 per 1000; $2.50 per 100.

Cyclamen Persicum Giganteum, 3, 4 and 5-in. pots, $7.00, $12.00 and $20.00 per 100. Fine bushy plants, well budded.

Asparagus Plumosus, 3-in., $5.00 per 100.

Asparagus Sprengeri, 3, 4 and 5-in. pots, $5.00, $8.00 and $15.00 per 100.

Also **Shasta Daisy, Pentstemon Hybridum Grandiflorum, Delphinium Hybridum** and other choice seeds. Send for list.

Cash, please.

FRED GROHE, Santa Rosa, Cal.
R. D. 4.

are plentiful in the extreme, with a small demand.

There is a scarcity of potted blooming plants. Cyclamens and mums are the only available stock. Out at the greenhouses everything is taking on a Christmas hue. Poinsettias and Lorraines are in fine shape. Stock seems to be plentiful and everyone is looking forward to a good business.

Various Notes.

J. A. Davis is now with Martin & Forbes, which completes their store force.

P. Kronwell, representing C. J. Speelman & Sons, bulb growers, Holland, is calling on the local trade. E. R. C.

CINCINNATI.

The Gateway to the South.

The quantity of stock on hand is large and good sales are unable to entirely clean up the market. All flowers of real quality sell. It is the poorer grades generally that accumulate. The out-of-town demand is good.

The chrysanthemums are better in quality than at any time this season. The largest are bringing fair prices, while the culls sell below normal. Enguehard, Bonnaffon, Chadwick and Bird are the most popular varieties.

The carnations, too, are the best they have been this season. The color is good and the stems are longer, while the supply is on the increase. It might also be added that the prices on the best of this line are moving upward to where they should be. With roses the same is true for last week as was true for every week for some time. Pink roses clean up quickly and more might possibly be used, while the whites are sometimes not entirely cleaned out at the end of the day's business. Other lines, including longiflorums, callas, valley, double and single violets, pansies and stevia, are all more or less important factors. New bronze galax has been added to the green goods line.

Various Notes.

C. E. Critchell's new bronze galax came in last week, just as he was selling his last cases of the old crop.

J. M. McCullough's Sons Co. has been receiving excellent callas for the time of the year, from Geo. Corbett, the College Hill grower.

L. H. Kyrk was the first to get in stevia. He is enjoying a good run on his pansies.

The Cincinnati Cut Flower Exchange reports an excellent demand for longiflorums. C. H. H.

DAVENPORT, IA.

The Market.

Business for the last two weeks has kept the boys fairly busy, but I think I am safe in saying that it is not up to last year. Mums, of course, hold full sway and are bringing about the same prices as in former years. The weather has stood by the florists the last two weeks, being cloudy and cold and thereby extending the mum period somewhat and relieving the glut which we no doubt would have had in the event of seasonable weather. However, the weather is hard on the coal pile and November is breaking a record here for its clouds and cold, the tem-

CARNATION CUTTINGS

We have recently greatly enlarged our facilities for propagating, and solicit your orders if you want No. 1 healthy Carnation Cuttings. We aim to build up our business by square dealing, and thrifty stock. Give us a trial and we will prove to you the value of good stock at reasonable prices. Under the above conditions we submit to the trade the following prices for the coming season, and will be able to furnish first crop cuttings after November 25.

	100	1,000	Unrooted 1,000
Enchantress	$2.50	$20.00	$10.00
R. P. Enchantress	2.00	18.00	10.00
White Enchantress	2.50	20.00	10.00
Washington	6.00	50.00	37.50
Pink Delight	3.00	25.00	12.50
White Wonder	6.00	50.00	37.50
Princess Charming	...	....	37.50
Dorothy Gordon	3.00	25.00	12.50
White Perfection	2.50	20.00	10.00
Beacon	2.00	17.50	10.00
Victory	2.00	17.50	10.00
Harlowarden	1.75	15.00	8.00
Alma Ward	2.50	22.50	11.50
Admiration	2.00	18.00	9.00

Twenty-five or more at 100 rate, 250 at 1,000 rate. We prepay on orders amounting to $10 or more for rooted cuttings. All orders for unrooted cuttings F. O. B. Loomis.

ASPARAGUS PLUMOSUS, 3½-in., $5.00 per 100.

LOOMIS CARNATION CO.,

D. F. RODDAN & SON, Props. **LOOMIS, Placer Co., CAL.**

Mention The Review when you write.

Rooted Carnation Cuttings

NOVEMBER DELIVERY

WHITE	100	1000
Pure White Enchantress	$2.25	$20.00
White Perfection	2.25	20.00
Alma Ward	3.00	25.00
PINK		
Dorothy Gordon	3.00	25.00
Pink Delight	3.00	25.00
Mrs. C. W. Ward	3.00	25.00
Enchantress	2.00	18.00
Rose-pink Enchantress	2.00	18.00
Winsor	2.00	18.00

PINK	100	1000
Winona	$2.00	$18.00
RED		
Beacon	2.00	18.00
Victory	2.00	18.00
O. P. Bassett	2.00	18.00
YELLOW		
Eldorado	2.00	18.00
VARIEGATED		
Prosperity	2.00	18.00

We prepay express charges on orders amounting to $10.00 or more.

25 at 100 rate; 250 at 1000 rate.

Cash, or satisfactory references.

For prices on unrooted cuttings see The Review of October 19.

BASSETT'S FLORAL GARDENS, B. S. BASSETT, Proprietor **LOOMIS, CAL.**

Mention The Review when you write.

Los Angeles Flower Market

CHAS. E. MORTON, Mgr. **414½ S. Broadway, Los Angeles, Cal.**

The best equipped wholesale house on the Pacific Coast. Handling the entire cut from eighteen large growers. Chrysanthemums, Roses, Carnations, Violets, Plumosus, Ferns, Smilax, in fact everything in season.

FLORISTS' SUPPLIES

Write, telegraph or telephone your orders. Prompt attention given.

Mention The Review when you write.

NO MORE ORDERS BOOKED

For Thanksgiving Delivery.

Stock for that date all sold. Write for prices on **stock Mums, Carnation, Violet and Geranium Cuttings.** All the best varieties.

Van Slyke & Seamons, R. F. D No. 2, Box 18, **Tacoma, Wash.**

CARNATION CUTTINGS

Rooted or unrooted.

California Carnation Co., Loomis, Cal.

HOLLYHOCKS FOR THE WEST

Now ready. Splendid field-grown plants from the famous **Chater's strain** of double Hollyhocks, in separate colors, as follows: White, canary yellow, apple blossom, peach blossom, scarlet, rose, deep red and brown-black. These are from seeds sown early in the spring and given space in the open. They are simply perfect, strong plants, which will flower heavily next year, yet I can send fine sizes for mailing if desired. I will deliver to customer by express at **$5.00 per 100**, assorted or choice. Sample plants on application. Other hardy plants.

CARL PURDY, UKIAH, CAL.

Mention The Review when you write.

perature falling to 10 degrees above zero several mornings.

Carnations are improving right along and will soon be at their best. Roses show the effect of the continued cloudy weather, although some fine ones are being shown. Violets are good, but there are not enough as yet to meet the demand. Paper Whites and callas have also put in an appearance, as have a few sweet peas. Stevia will arrive next week, so there is quite a variety to choose from.

All in all, things are looking a little brighter than they did a few weeks ago.

That "No flowers, please" notice at the announcement of deaths is getting too "all-fired" frequent. One florist had over $30 worth of work countermanded a few days ago, to say nothing about the rest of the boys. It seems to be becoming a habit.

Tri-City Club Meeting.

The November meeting of the Tri-City Florists' Club was held Thursday evening, November 16, at the home of Superintendent C. O. E. Boehm, Davenport, and was largely attended, all but two of the members being present. The boys went out to the park in the afternoon so as to be able to better judge the different chrysanthemums on exhibition, and a finer sight never met their eyes. Thousands of flowers of all sizes and colors filled the large conservatories, some ninety different varieties being grown here. Mr. Boehm keeps the varieties as up-to-date as possible and this is where the boys get an idea as to the merits of the newer varieties. The best thing the writer can say about the show at the park is that it is up to the high standard that has been set ever since Superintendent Boehm took charge.

"Carnations, Indoor Culture and Hybridizing" was the evening's topic and A. Anderson, of Moline, who has been decidedly successful along this line, gave as interesting and instructive a talk on the hybridizing of carnations as had ever been heard by any of the members present. It was, no doubt, the best lecture ever given by any member of the Tri-City Florists' Club and a vote of thanks was given Mr. Anderson for his valuable paper. Mr. Zimmerman, of the Rock Island parks, was admitted to membership. He is a bachelor, so this brings the Florists' Bachelors' Club up to six.

Ewoldt Bros. exhibited some choice Shasta carnations, and Mr. Anderson showed some of his choicest seedlings, among them a red that is without doubt the finest carnation ever seen in this part of the country. Mr. Anderson says he will take $40,000 for it.

After the meeting the club adjourned to the dining room, where a fine, large, hot supper was waiting for the boys, —and say, talk about your feeds!— well, the way the boys handled their knives and forks would make one think they hadn't had anything to eat for a month, and I know won't want anything for the next three days. If the boys were to be the judges of good cooking, and we know they are good judges, Mrs. Boehm would be wearing a gold medal the size of a dish pan.

After the boys were able to get up and move away from the table, a social hour was spent in telling ghost stories, and Uncle John, who had been the sexton of a cemetery in his early days, told the banner ones. Half afraid to go home, the club adjourned after one of the most pleasant meetings ever held.

The next meeting will be at the home of John Staack, of Moline, Ill., Thursday, December 14. T. E.

Lockport, N. Y.—The veteran, Thos. Mansfield, is recovering from what threatened to be pneumonia. His son Will has charge of the business and is producing some first-class stock.

Chrysanthemum Stock Plants

	Per plant
WHITE	
Mrs. David Syme	$1.00
Other Varieties	Per doz. / 100
W. Oct. Frost	$0.60 / $4.00
Kalb	.60 / 4.00
White Cloud	.60 / 4.00
Ivory	.60 / 4.00
Virginia Poehlmann	.60 / 4.00
Touset	.60 / 4.00
Alice Byron	.60 / 4.00
W. Eaton	.60 / 4.00
W. Jones	.60 / 4.00
W. Chadwick	.60 / 4.00
Jeanne Nonin	.60 / 4.00
YELLOW	
Yellow Oct. Frost	.75 / 5.00
Monrovia	.60 / 4.00
Oct. Sunshine	.60 / 4.00
Halliday	.60 / 4.00
Yellow Ivory	.75 / 5.00
Major Bonnaffon	.60 / 4.00
Y. Eaton	.60 / 4.00
Golden Chadwick	.60 / 4.00
Yellow Jones	.60 / 4.00
PINK	
Pink Ivory	.60 / 4.00
Balfour	.60 / 4.00
Dr. Enguehard	.60 / 4.00
Maud Dean	.60 / 4.00
RED	
Intensity	.60 / 4.00
Shrimpton	.60 / 4.00
BRONZE	
Fancy Bronze	.75 / 5.00

ROOTED CARNATION CUTTINGS

	R. C.		2½-in. pots	
	100	1000	100	1000
Enchantress	$2.50	$20.00	$3.50	$30.00
White Enchantress	2.50	20.00	3.50	30.00
Winsor	2.50	20.00	3.50	30.00
Harlowarden	2.50	20.00	3.50	30.00
Beacon	3.00	25.00	4.00	35.00

Woodland Park Floral Co.
S. Poolman, Mgr. SUMNER, WASH.
P. O. Lock Box 86. Phone Farmers 84.
Mention The Review when you write.

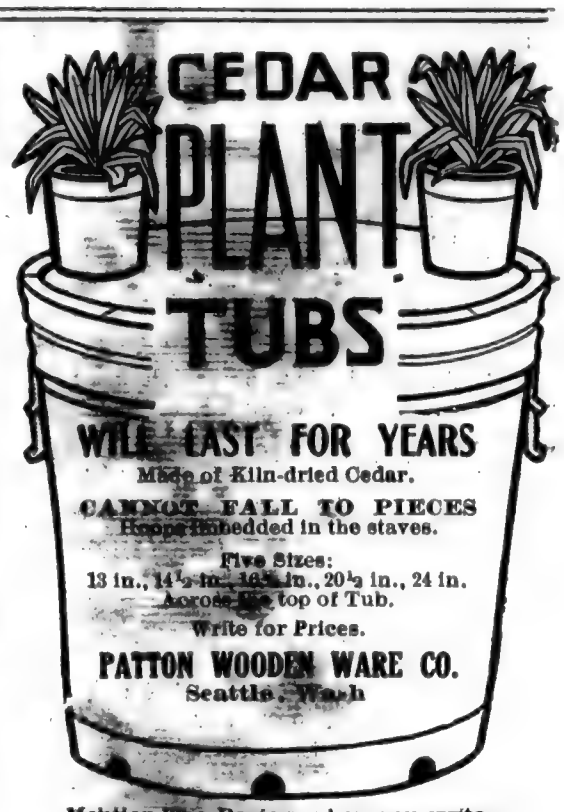
BARGAIN PRICES
Selling out all nursery stock except Kentias
Phoenix Canariensis, from 12-inch tubs, of fine appearance, 3½ feet, $1.25 each.
Phoenix Canariensis, balled and ready for shipment, 2, 2½, 3, 3½, 4, 4½, 5, 5½ feet, at 40c, 50c, 60c, 80c, $1.00, $1.20, $1.45, $1.75 each.
Phoenix Can., from 2½-inch, $5.00 per 100.
Washingtonia Rob., from 2-inch, $4.50 per 100.
Cocos Plumosa, balled, 3, 4, 5, 6, 7 feet, at $1.50, $2.00, $3.00, $4.50, $6.00 each.
Write for special prices on carload orders.
Kentia Nurseries, - Santa Barbara, Cal.

Asparagus Plumosus and Sprengeri
Out of 2-inch pots, $3.00 per 100.
Phoenix Canariensis, out of 2½-inch pots, $5.00 per 100.
Washingtonia Sonorae, out of 2-inch pots, $5.00 per 100.
H. KEMPF, Pacific Nursery
3041 Baker St., SAN FRANCISCO, CAL.

RAHN & HERBERT
110 E. 49th St., PORTLAND, ORE.
Marguerite Mrs. F. Sander, 2½-in. pots, fine plants, $15.00 per 100.
Heliotrope Centifleur, 2½-in. pots, $10.00 per 100.
Hall Caine Geranium, largest and best bloomer of all, single, red, 2-in. pots, $5.00 per 100.
Palms, Ferns and Araucarias. Write for prices.
Mention The Review when you write

50,000 PANSY PLANTS
of the best mixtures known, stocky plants, ready to transplant now.....50c 100; $3.00 1000. Cash, please.
F. G. EHLE, 224 Sanborn Ave. SAN JOSE, CAL.

Marguerite Mrs. F. Sander, Dreer's new large double white; R. C., $2.50 per 100.
Asparagus Plumosus and Sprengeri, strong seedlings, 75c per 100.
CALLAHAN FLORAL CO., Ventura, Cal.
Mention The Review when you write.



Mention The Review when you write.

GREENS
We make a specialty of Decorative Greens: Smilax and A. Plumosus Strings, A. Plumosus and A. Sprengeri Sprays. Also cut flowers. Write for prices.
Walter Armacost
OCEAN PARK :: :: CAL.
Mention The Review when you write.

SAM ROAKE
Clackamas, Oregon
The Old Reliable Decorative Green Goods Man
Native Dagger Ferns (picked to order), $1.50 per 1000.
Brown and Green Oregon Grape, Salal, and Tree and Ground Moss (in sacks). Prices on application.

Sweet Pea Seed
"The Three Incomparable Reds"
Thos. Stevenson, orange-scarlet Spencer.
Maud Holmes, crimson (sun-proof) Spencer.
Kelway's Black, grandiflora.
Write for prices.
LEONARD COATES NURSERY CO.
Morganhill, Santa Clara Co., Cal.

Seattle Cut Flower Exchange
909-911 Post Street
Fine Berried English Holly for Holidays
We are headquarters for cut flowers, plants, native and other greens in the northwest. Send in your wants.
Consignments solicited.
Mention The Review when you write.

PALMS PALMS PALMS PALMS PALMS
Washingtonia, Seaforthia, Phoenix, etc.
Write for our wholesale palm list.
EXOTIC NURSERIES, Santa Barbara, Cal.
PALMS PALMS

NOTICE
To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the continent of Europe: Your best means of doing this is to take in the
Horticultural Advertiser
Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade.
A. & C. Pearson, Lowdham, Nottingham, Eng.

Double Improved



WHITE KILLARNEY

You will want to grow this rose. **It is good.** It is making new friends every day and is sure to win its place at the head. Excellent for Summer and Winter. **Remember,** it is pure **white.**

We are booking orders now at the following prices:

	Own-root	Grafted
12 plants,	$ 6 00	$ 7.50
25 plants,	10.00	12.50
50 plants,	16 00	18.00
100 plants,	25.00	30.00
250 plants,	60.00	70 00
1000 plants,	200 00	250.00

For larger quantities, write for prices.

We have a large stock already started and can make early delivery.

S. J. REUTER & SON, Inc., Westerly, R. I.

Mention The Review when you write.

20,000 extra strong field-grown plants of

NORWOOD CARNATION

The most profitable White Carnation you can grow.

$10.00 per 100; $75.00 per 1000.

A rare chance. Better order promptly.

ROBERT CRAIG CO.

49th and Market Sts., PHILADELPHIA

Mention The Review when you write.

KILLARNEY

Double Killarney is the best pink rose for warm weather. Contracts made for cuttings, eyes or own root plants.

JOHN WELSH YOUNG, Unsal Sta. P. R. R., Philadelphia, Pa.

Always Mention the...

FLORISTS' REVIEW

When Writing Advertisers

Chrysanthemums and Asters

ELMER D. SMITH & CO., ADRIAN, MICH.

Mention The Review when you write.

FLOWERS - - VEGETABLES

Specialties

Roses	Irises	Asparagus	Lettuce
Peonies	Phloxes	Cabbage	Peppers
Cannas	Tritomas	Egg Plant	Tomatces
Gladioli	Dahlias	Cauliflower	Celery

Write Us for Descriptive Price List

BLICK FLORAL COMPANY

Dept. G, Norfolk, Va.

Mention The Review when you write.

MELODY, own root, from 2¼-in. pots, $6.00 per dozen; $30.00 per 100; $70.00 per 250; $250.00 per 1000.

DOUBLE PINK KILLARNEY, own root, $4.00 per dozen; $20.00 per 100; $40.00 per 250; $150.00 per 1000. Grafted plants on Dickson's Manetti stock, $10.00 extra per 100.

ROBERT SCOTT & SON,

SHARON HILL, Delaware Co., PA

MUMS

STOCK PLANTS

	Per 100
Col. Appleton, yellow	$3.00
T. Eaton, white	3.00
R. Halliday, yellow	3.00
Maj. Bonnaffon, yellow	3.00
Early Snow, white	3.00
Virginia Poehlmann, white	3.00

A. L. RANDALL CO.

66 E. Randolph Street, CHICAGO

Always Mention the...

FLORISTS' REVIEW

When Writing Advertisers

THE NEW YELLOW FORCING ROSE SUNBURST



This magnificent, giant yellow rose has been tested for three years in our benches; it stands head and shoulders above all other sorts of its color and will rank with American Beauty and the Killarneys in value and grandeur—because

It has a long, pointed bud, which can be cut tight for market. It is pre-eminently a long-stemmed rose. The stem is always stiff. It is free in bottom breaks. Is extraordinarily vigorous and healthy. Belongs in the class of **Big Roses.** Its keeping qualities rank with the best. Buds shipped from Richmond last December opened up perfectly in both Philadelphia and New York, where it scored 90 before the Florists' Club.

The color is orange-copper or golden orange and golden yellow, all intense shades, extremely brilliant in effect.

Come and see it growing; we have 8,000 of it benched.

Does splendidly out of doors; will rank high as a bedder. At the Chicago show, 1910, it was awarded the silver cup for the best new rose never before exhibited, and the judges unanimously gave it honorable mention additional. Has created a sensation wherever shown.

Raised by M. Pernet-Ducher, from whom we bought the American rights.

We have divided our stock with Mr. C. H. Totty, of Madison, N. J., to give eastern growers a chance to see it growing. Will be distributed March 1 in America by C. H. Totty and The E. G. Hill Co. Mr. Pernet will distribute same date in Europe.

The American price is $30.00 per 100; $250.00 per 1000 (own roots); $5.00 per 100 additional for grafts

THE E. G. HILL CO., Wholesale Florists, RICHMOND, IND.

Mention The Review when you write

BALTIMORE.

The Market.

Last week's trade was all that could be desired. Chrysanthemums are abundant everywhere, but there is a ready sale and good prices are paid for good stock. White and yellow are the favorites among the colors; clear pink is in demand, but bronze and red are not much wanted. The blooms throughout are of good substance this year.

Roses were heavily in crop during October, but at present are accumulating energy for Christmas. Carnations remain short-stemmed and it seems to be difficult to bring them to standard conditions. However, the plants are full of buds and plenty of healthy foliage, promising well for the holidays. A few sweet peas are to be had and find a ready sale. A larger number of growers are producing peas in quantities this season and from the present outlook there will be a bumper crop of flowers.

Various Notes.

The ladies' bowling team was entertained in Washington, Thursday, November 16, by Mrs. George H. Cooke. Among those present were Mrs. James Boone, Mrs. F. C. Bauer, Mrs. J. J. Perry, Mrs. L. H. Klein, Mrs. H. J. Quick, of Baltimore, and Mrs. George Cooke, Mrs. Schaffer, Mrs. Simmons, and Mrs. Mayberry, of Washington.

Q.

North Olmsted, O.—A Garland truss, iron-frame house, 28x100, is being erected here for Irving Dunford.

ROOTED

CarnationCuttings

Early orders insure your receiving stock when wished for. Quality is guaranteed. Only strong, well-rooted cuttings from absolutely healthy plants are sent out.

	Per 100	1000
White Wonder Early, free, large pure white, on long, stiff stems	$6.00	$50.00
Gloriosa—(Sold up to Feb. 15) Delicate light pink	6.00	50.00
Pink Delight Light pink	4.00	35.00
Mrs. C. W. Ward Deep pink	3.00	25.00
Sangamo Deep pink	3.00	25.00
May Day Light pink	3.00	25.00
Winona Medium pink	3.00	25.00
Winsor Clear pink	3.00	25.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00

Orders will be filled strictly in rotation. Remittance or acceptable references should accompany the order. One-third the amount to be prepaid for cuttings ordered sent C. O. D.

Frank P. Putnam

Pleasant View Gardens, NO. TEWKSBURY, MASS.

P. O. Address, Box No. 12, Lowell, Mass.

Mention The Review when you write.

Enterprise, Kan.—Mrs. Charles Rissmann states that she is the owner of the Herington Greenhouse and that she intends to take possession of the property February 1, 1912, when the present tenant's lease expires.

Two Splendid New Climbing Roses

Climbing Baby Rambler

(MISS MESSMAN)

This is a climbing form of the well known Baby Rambler, and embraces all its good qualities. A true ever-blooming Crimson Rambler.

Climbing Mme. Welche

A new ever-blooming climbing tea rose of the most promising type. Has all the valuable characteristics of Mme. Welche, from which it is an offspring. A most desirable rose for the Southland.

We have a fine stock of these two excellent roses and invite correspondence for prices, etc.

The Geo. H. Mellen Co.

Innisfallen Greenhouses, SPRINGFIELD, OHIO

Mention The Review when you write.

Christmas Cheer

CARNATION

In bud and bloom, in 5 in. pots, $ 5.00 per doz.
In bud and bloom, in 8-in. pots, 10 00 per doz.

Just the thing for Xmas. Cash with order, please.

HENRY EICHHOLZ, Waynesboro, Pa.

Mention The Review when you write.

CARNATIONS

A. JABLONSKY,

OLIVETTE, St. Louis Co., MISSOURI

Mention The Review when you write.

NOVELTIES
IN
CHRYSANTHEMUMS, CARNATIONS AND ROSES

In CHRYSANTHEMUMS

We will distribute the usual **high-class** list of six or more of Mr. Pockett's Australian varieties, which will include Mrs. Geo. Burke, a grand bronze; Mrs. A. M. Henshaw and Annie L. Angus, whites; Mrs. Harry Turner, crimson, and Mrs. Gilbert Drabble, a lovely white, besides several other seedlings of surpassing merit.

In NEW ROSES

We are putting out the yellow "Sunburst," in conjunction with the E. G. Hill Co.—the giant yellow that creates a sensation wherever shown.

In CARNATIONS

We are distributing Wodenethe, **the white** you have been waiting for. It has been called the most perfect Carnation ever raised—a fancy in every sense of the word.

Brooklyn, a cerise pink; a "bread-and-butter" Carnation that will produce more from a given space than any Carnation I know of.

COME AND SEE THESE VARIETIES GROWING

¶ You will also see our 1911 varieties of Carnations and Roses—Princess Charming and White House in Carnations, and Lady Hillingdon in Roses, which is going to take the place of all other medium-sized yellows as a commercial florists' flower.

CHAS. H. TOTTY, Madison, N. J.

YOU WHO WANT

Early Cuttings

Place your orders now and you will get

DECEMBER 1st DELIVERY

	Per 100	Per 1000
White Enchantress, Beacon, Perfection, Victory,	$3.00	$25.00
White Wonder, Gloriosa, Norwood,	$6.00	$50.00

Dorothy Gordon, $4.00 per 100; $35.00 per 1000

CHRYSANTHEMUM CUTTINGS

CROCUS, The Best Yellow Mum, - - - - - $4.00 per 100; $35.00 per 1000

J. D. Thompson Carnation Co., Joliet, Ill.

Mention The Review when you write

COLUMBUS, O.

The Market.

Trade has been about all we could ask for the last two weeks. There has been a great deal of funeral work that has used up lots of stock, and two new opera houses opened up and called for a quantity of fancy stock.

Mums have been in full blast for the last two weeks and a great quantity has been moved. There are quite a few of the later varieties coming in and we can almost see the finish on them, as the next ten days will see the most of them cut. Carnations are coming fine, but the quantity has not increased much. Maybe this is a good thing, as they have been cleaned up at all times.

Roses are fine and about enough to go the rounds, and violets are in fair demand, but the supply is limited. Sweet peas are coming in and are finding ready sale.

Various Notes.

Sherman Stephens reports heavy business out his way, and is cleaning up nicely on mums and all other stock.

Wm. Metzmaier says he is using up everything.

The Fifth Avenue Floral Co. had a large order for South Charleston recently.

Ben Flynn, of Graff Bros., underwent an operation November 13 for appendicitis and for several days his life hung in the balance, as peritonitis had set in, but at this writing he is doing nicely and they think he will pull through all right. J. M.

Erie, Pa.—The Baur Floral Co. gives what it calls an annual chrysanthemum carnival and for the last week has been attracting large crowds to its store in the Majestic Theater building.

Our New Scarlet Carnation

ST. NICHOLAS

Scored 90 points at the St. Louis, Mo., Show on Nov. 8th. The highest score given any new variety on exhibition.

Certificate of Merit at Cincinnati, Nov. 14. No score announced. Everywhere we have shown St. Nicholas it was conceded the best scarlet on exhibition.

This ought to satisfy you as to its quality.

You can satisfy yourself as to its productiveness by visiting our plant at any time it is convenient for you.

We invite inspection. But get your order in now if you want early delivery. $12.00 per 100; $100.00 per 1000.

BAUR & STEINKAMP

Carnation Breeders Indianapolis, Ind.

Mention The Review when you write.

The Best White Rose Ever Offered

WE SHALL DISSEMINATE

Double White Killarney

We Are Now Booking Orders For March Delivery.

It made a great record at the shows this fall. See it growing at The Budlong Rose Co., in Auburn, R. I., or with us at Cromwell.

Order now to be sure of early delivery.

A. N. PIERSON, Inc., Cromwell, Conn.

ALWAYS MENTION THE FLORISTS' REVIEW WHEN WRITING ADVERTISERS



MILLER'S GIANT OBCONICAS

are unsurpassable in size of flower and texture of foliage. Always salable when in bloom. The engraving above shows a few of our seed plants last January. Fine, thrifty 3-in. stock $5.00 100.

CYCLAMEN GIGANTEUM

Fine, thrifty 3-in. plants, showing bud, $5.00 per 100.

Cinerarias, the largest flowering grown, 2-in., $2.00 per 100. **Asparagus Plumosus,** strong, 3-in., $4.00 per 100; 2-in., $2.50 per 100. **Asparagus Sprengeri,** fine, 2-in., $2.00 per 100. **Chinese Primrose,** extra fine, 3-in., $4.00 per 100. **Kewensis Primrose,** sweet-scented, for cut flowers and potted plants, strong, 3-in., $4.00 per 100.

Dracaena Indivisa, extra strong, field-grown stock, 18 to 24 in. high, 3-in., $3.00 per 100; 4-in., $4.00 per 100.

These plants are well grown and will please you. Cash, please.

J. W. MILLER, Shiremanstown, Pa.

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SMITH'S ADVANCE

The Earliest Large-flowered

WHITE CHRYSANTHEMUM

We offer young stock from one of the most celebrated growers, 2-in. pots, $1.25 per dozen, $10.00 per 100.

Stock grown to your order.

A. L. RANDALL CO.

66 E. Randolph St., CHICAGO, ILL.

Mention The Review when you write.

Mum Stock Plants

Monrovia, Halliday, Pacific Supreme, Balfour, Ivory, Winter Cheer, Charles Razer, Bonnaffon, Nagoya, Pompons, Quinola, Alma, Clarinda, $1.00 per dozen; $5.00 per 100.

COLLINGDALE GREENHOUSES

COLLINGDALE, PENNSYLVANIA

CARNATIONS

F. Dorner & Sons Co.

LA FAYETTE, IND.

Mention The Review when you write.

Boxwoods

Boxwood Bushes and Pyramids, fresh imported. Fine shapes and excellent foliage. All measurements from top of tubs.

BOXWOOD BUSHES	Per 100
12 to 14 inches high	$25.00
15 to 16 inches high	35.00
16 to 18 inches high	40.00
18 inches high	45.00
20 inches high	50.00
20 to 22 inches high, 12 inches diameter	75.00
	Per pair
22 inches high, 14 inches diameter	$ 2.00
24 inches high, 16 inches diameter	3.00
26 inches high, 18 inches diameter	4.00
28 inches high, 18 to 20 inches diameter	5.00
30 to 32 inches high, 20 inches diameter	6.00
34 inches high, 20 to 22 inches diameter	8.00
36 inches high, 22 to 26 inches diameter	10.00

BOXWOOD PYRAMIDS	
2½ feet high, 18 inches diameter	3.00
3 feet high, 18 to 19 inches diameter	4.00
38 inches high, 19 inches diameter	5.00
3½ feet high, 20 inches diameter	6.00
4 feet high, 20 to 22 inches diameter	$8.00 to 10.00
4¼ feet high, 22 inches diameter	12.00
5 feet high, 22 to 24 inches diameter	14.00
5 feet high, 22 to 24 inches diameter (bushier)	16.00
5½ feet high, 24 to 26 inches diameter	18.00
6 feet high, 32 inches diameter	20.00

For Thanksgiving

Chrysanthemums in pots, pink and yellow, large flowered; also quantity of yellow pompons, at $6.00, $9.00, $12.00, $15.00 and $18.00 per dozen.

Cyclamen, in 7-inch pans, from $1.00 to $2.00 each.

Dracaena Terminalis, well colored, $9.00 and $12.00 per dozen.

Kentias, in all sizes, single or combination.

Ferns, Scottii, Boston, Whitmani, $6.00, $9.00 and $12.00 per dozen; larger **Bostons,** from $2.00 to $5.00 each.

Pandanus Veitchii, 50c to $1.25 each.

Rubbers, $6.00 per dozen.

English Ivy in pots, $2.00 per dozen; $15.00 per 100.

Jerusalem Cherries, $6.00 and $9.00 per dozen.

Oranges, 8-inch pans, $2.50 to $4.00 each.

Ardisia Crenulata, partly colored, well berried, $1.00 to $2.50 each.

Begonia Gloire de Lorraine, 7 and 8-in. pans, $1.00, $1.50 and $2.00 each.

Bay Tree Standards, crowns from 38 to 45 inches, ranging in price from $12.00 to $25.00 per pair.

Young Stock of Erica Veitchii, for growing on, $15.00 per 100.

Erica Cupressina, Easter variety, 2-year-old, $9.00 and $12.00 per dozen.

Erica Regerminans, young stock for growing on, 2½-in. pots, $6 per 100.

ANTON SCHULTHEIS, Florist

College Point, L. I., New York

Mention The Review when you write.

Ferns, Cyclamen, Hydrangeas

Remember us for Ferns in variety. We have an excellent lot of **Boston Ferns, Plumosus** and the new **Roosevelt.**

We are now ready to ship excellent **Cyclamen Seedlings** in 6 varieties, separately labeled, at $1.00 per 100; $12.50 per 1000. Very good imported strain.

We also solicit your orders for **Hydrangeas** for forcing, at 15c and 25c.

Yours for fairness.

D. U. Augspurger & Sons Co.

PEORIA, ILL.

Always mention the Florists' Review when writing advertisers.

STRONG, FIELD-GROWN

CARNATION PLANTS

Rose-pink Enchantress
Viola Sinclair
Winsor
Lawson
Wanoka

$6.00 per 100

Dorothy Gordon .. $10.00 per 100

Littlefield & Wyman

North Abington, Mass.

Always mention the Florists' Review when writing advertisers.

PROVIDENCE.

The Market.

Business generally is considered off, but a majority of the florists report fair trade, mainly because of the number of coming-out functions and fall weddings. Providence has for several years been growing in the importance of its florists' business at this period, when the chrysanthemum is queen. But the lovers of this flower have not yet come to the realization that to get a big flower one must expect to pay a big price—$4 a dozen retail is the limit, with few purchasers at that price; $2 a dozen is about the extent of the popular pocketbook. Carnations and roses are plentiful and move regularly, but meet no great demand.

Various Notes.

Mr. Geller, of the Geller Florists' Supply Co., New York, was a visitor here last week.

Thomas Kennedy, for many years manager of the Buxton Greenhouses, at Bridgeton, Burrillville, has opened a flower store in the Ward building, Main street, Pascoag.

John Johnston, of Johnston Bros., has been on a visit to New York for several days.

Miss Ella Maillous has opened a flower store at 99 Main street, Woonsocket.

Louis Reuter, of Westerly, was a business visitor in Boston last week.

Robert Frame has commenced the erection of a small greenhouse at 180 Gibbs street, Newport, to cost $450.

William Doel, of the Pascoag Greenhouses, Broad street, Pascoag, reports a good business this fall.

Edward F. Healy has filed a suit in the Superior Court against George Johnson to recover damages under an alleged breach of contract. Mr. Healy claims that he was employed as manager of the forestry department January 1, 1911, for George Johnson & Son, at a salary of $20 per week and ten per cent of the net profits received from forestry work. The term covered by the agreement was two years. The defendant later refused to retain the plaintiff, he says, in his employ. Damages are laid at $2,500. W. H. M.

Jerusalem Cherries

4-in. pots, pot-grown, $5.00 per 100.

Christmas Peppers

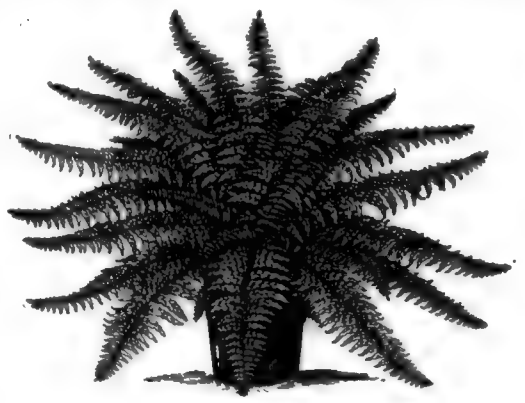
5-in. pots, fine stock, $1.50 per doz.

Whitmani Ferns, 5-in., fine stock, $1.00 per doz.; $8.00 per 100.

FRED H. LEMON & CO.
Richmond, Indiana

Mention The Review when you write.

JOHN SCOTT
Rutland Road and E. 45th St.,
BROOKLYN, N. Y.
Palms, Ferns and Decorative Plants
Mention The Review when you write.



ROOSEVELT.

	2½-in. 100	4-in. 100	5-in. 100	6-in. 100
Boston	$3.50	$12.00	$25.00	$40.00
Whitmani	3.50	12.00	25.00	40.00
Todeaoides	3.50	12.00	25.00	40.00
Scottii			25.00	40.00

Asparagus Plumosus, 2-in., $2.00 per 100; $18.00 per 1000; 2½-in., $3.50 per 100; $30.00 per 1000; 3-in., $5.00 per 100; $45.00 per 1000.

	Per 100
Coleus Christmas Gem	$2.50

Roosevelt Ferns

This fern will undoubtedly take the place of Boston in the near future. It is a faster grower, makes twice the runners and finishes up into a large plant in shorter time. 2½-inch, $2.50 per dozen; $17.50 per 100; $150.00 per 1000.

	Per 100
Violets, Wales	$2.50
German Iris, Florentina Alba, earliest large-flowering Iris	2.50
Iris Pallida Dalmatica, lavender, shaded blue	8.00

Clematis Paniculata, 2-in., $2.50 per 100; $20.00 per 1000; field, 1-year, $4.00 per 100; 2-year, $8.00 per 100.

Phlox Miss Lingard, field clumps, $4.00 per 100; $35.00 per 1000.

THE REESER PLANT CO., Exclusively Wholesale Plantsmen, SPRINGFIELD, OHIO

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PRIMULAS, FERNS, Etc.

Ferns for Dishes. Assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.

Asparagus Plumosus. 2¼-in. pots, $3.50 per 100; $30.00 per 1000; 3-in. pots, $6.00 per 100.

Primulas. Obconicas, best large flowering strain, strong, 2½-in. pot plants, $3.00 per 100; $25.00 per 1000.

Crotons. 5-in. pots, 75c-$1.00 each; 6-in. pots, $1.00-$1.25 each.

Araucaria Excelsa. 5-in. pots, 50c to 75c each; 6-in. pots, $1.00 to $1.25 each.

Cash with order. 500 at 1000 rate.

FRANK OECHSLIN, 4911 West Quincy Street, CHICAGO, ILL.

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Aschmann Bros., The Hustlers

NEPHROLEPIS Bostoniensis, 7-in. pots, 75c., 5½-in. pots, 40c each.

NEPHROLEPIS Scottii, 7-in. pots, 75c., 5½-in. pots, 35c. each.

NEPHROLEPIS Whitmani, 7-in. pots, 75c., 5½-in. pots, 35c. each.

NEPHROLEPIS Scholzeli, 5½-in. pots, 35c. each.

ADIANTUM Hybridum, 4-in. pots, 15c., 3-in. pots, 7c. each.

DISH FERNS, 2½-in. pots, $4.00 per 100. Good assortment.
Our Ferns are all pot-grown, not lifted, and will keep good in store.

PRIMULA Obconica, 4-in., $1.50 doz., 5-in., $2.00 doz. In bloom.

BEGONIA LORRAINE and Lonsdale, in bud and bloom, 6-in. pots, 50c. and 75c. each.

COCOS Weddelliana, 3-in. pots, $2.00 per doz.

ARAUCARIA Excelsa, fine specimen plants in 7-in. pots, 5 to 6 tiers, 30 to 42 inches high, $1.25 and $1.50 each. 5½-in. pots, 3 to 4 tiers, 40-50-75c.-$1.00 each.

ASPARAGUS Plumosus, 4-in. pots, $8.00 per 100; 3-in. pots, $5.00 per 100.

RUBBER PLANTS, 5½-in. pots, 18 to 24-inches high, 40c. each.

PRIMULA Chinensis, 4-in. pots, $8.00 per 100.

CYCLAMEN, 4-in. pots, fine stock, 25c. each; 6-in. pots, 75c., very fine.

Cash with Order.

ASCHMANN BROS., Second and Bristol Streets and Rising Sun Avenue, **Philadelphia, Pa.**

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Rooted Cuttings

Begonias, flowering kinds, $1.75 per 100.
Verbenas, 70c per 100; $6.00 per 1000.
Pelargoniums, $2.50 per 100.
Ageratums, 60c per 100; $5.00 per 1000.
Daisies and **Salvias,** $1 per 100; $8 per 1000.
Petunias, $1.25 per 100; $10.00 per 1000.
Coleus, 70c per 100; $6.00 per 1000.
All good varieties and named.
Express paid on all rooted cuttings.
Cash with order.

S. D. BRANT, Clay Center, Kan.

Mention The Review when you write.

FERNS FERNS

Bargain in Scholzeli and Whitmani. Very fine, 4-inch, at.....$12.50 per 100

Chrysanthemum Stock Plants

Lynnwood Hall, Golden Eagle, Golden Chadwick, Timothy Eaton, White Bonnaffon, Major Bonnaffon, Jerome Jones, Yellow Jones ....$4.00 per 100

Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Mention The Review when you write.

Speak Quick if You Want Them

We have 100,000 cuttings in the sand that need potting badly. Before we can pot we must have room. To this end we offer the following for cash, all fine, clean stuff in the pink of condition. This Special Offer will hold good until December 5th, and no later.

WINTER SWEET PEAS

Christmas Pink, Christmas White, Mrs. J. Dolansky, Mont Blanc, Mrs. Wm. Sim, Mrs. C. H. Totty, Mrs. Alex. Wallace, several plants to a pot, 3-inch, $1.50 per 100 pots.

STOCKS, Beauty of Nice and Cut and Come Again, white, shell pink, daybreak, red, lavender, 2-inch, $1.50 per 100.

CYPERUS ALTERNIFOLIUS (Umbrella Plants), 2-inch, $1.50 per 100.

FERNS FOR DISHES, etc., a good collection of serviceable varieties in splendid condition, strong, clean plants, $2.00 per 100; $18.00 per 1000.

If necessary will book your order and hold until December 15th.

JOHN IRVINE & SONS, Bay City, Mich.

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FERNS

Special price for two weeks to make room for other growing stock. **Whitmani, Amerpohlii, Piersoni and Elegantissima, 2½ in., $4.00 per 100, $25.00 per 1000; 3 in., 7c.**

TRUITT'S GREENHOUSES, CHANUTE, KANSAS.

Mention The Review when you write.

SOME GOOD STOCK

CHINESE PRIMROSES, large 3½-in., double and single, fancy mixed colors, $8.00 per 100.
PRIMULA Obconica, 4-in., fancy mixed in bud and bloom, $5.00 per 100.
ASPARAGUS Sprengeri, large 4-inch plants, $6.00 per 100; good 2½-in., $2.50 per 100.
ASPARAGUS Plumosus, large 2½-in. plants, $3.00 per 100.
ARAUCARIA Excelsa, extra fine plants, 75c. each.
AZALEAS, large plants for Christmas forcing, 75c. each.
RUBBER PLANTS, extra fine, large and healthy, for want of room, $1.00 each.
SMILAX, fine 2½-in stock, $2.00 per 100.
JERUSALEM CHERRIES, 2½-in., $2.50 per 100.
CYCLAMEN, extra fine 3-in. plants, in 6 colors, $7.50 per 100.
GERANIUMS, 2½-in., **Beaute Poitevine, Ricard, Grant, S. A. Nutt, Buchner,** etc., fine stock, $2.50 per 100; $22.50 per 1000; **100,000 on hand.**
BEGONIAS, Flowering, 10 varieties, from 3-in. pots, $4.00 per 100.
FERNS, Boston, Scottii and **Elegantissima,** from pots, fine plants, 10c., 15c. and 20c. each. A bargain; try some.
SNAPDRAGON, white, pink, and yellow; fine stocky 3-in. plants, $5.00 per 100, $45.00 per 1000.
PANSY PLANTS, in abundance; a fine mixed strain, $3.00 per 1000.
CINERARIAS, Fancy Colors, 2½-in., $3.00 per 100; 3½-in., $5.00 per 100.
Marguerites, White and **Yellow,** from 2½-in. pots. $2.25 per 100, $20.00 per 1000.
HELIOTROPE, Light Blue, Dark Blue, White, all large, 2½-in., $2.50 per 100.

Send your order early. Correspondence solicited.

ALONZO J. BRYAN

WHOLESALE FLORIST

Washington, New Jersey

Mention The Review when you write.

DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

DAVID HERBERT & SON

ATCO, N. J.

Always Mention the...

FLORISTS' REVIEW

When Writing Advertisers

Miscellaneous Greenhouse Plants

FOR IMMEDIATE SHIPMENT

Special Prices Made on Large Lots

	2-in. per 100	3-in. per 100
Abutilon Savitzii		$3.00
Achyranthes Emersoni		3.00
Alternanthera, 6 varieties	$2.00	
" Jewel	3.00	4.00
Begonia Vernon	2.00	3.00
Coleus, 12 varieties	2.00	3.00
" Brilliancy	3.00	4.00
Hardy English Ivy	2.00	3.00
Heliotrope, 5 varieties	2.00	
Geraniums, standard varieties	2.00	3.00
" ivy leaved and scented	2.00	3.00
" Silver-leaf Nutt and Mt. of Snow	3.00	4.00
Lemon Verbena, Aloysia Citriodora	2.00	3.00
Lobelia Kathleen Mallard	2.00	
Lantanas, 12 varieties	2.00	3.00
Moonvine, white	2.00	3.00
Petunias, double fringed, mixed	2.00	3.00
Salvias, Bonfire and Zurich	2.00	3.00
Parlor Ivy, Senecio Scandens	2.00	3.00
Swainsonas, Alba and Rosea	2.00	3.00
Tradescantia Zebrina Multicolor	2.00	3.00
Verbenas, red, white and variegated	2.00	3.00

Cash with order, please.

R. Vincent, Jr., & Sons Co., White Marsh, Md.

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10,000 SELAGINELLA

Elegant for fern dishes, bushy, 2¼-inch.....$4.00 per 100; $35.00 per 1000

G. M. NAUMANN & SON, 10515 Superior Ave., CLEVELAND, O.

Mention The Review when you write.

HYDRANGEA OTAKSA

FOR EASTER and DECORATION DAY

Six-inch, pot grown, well branched and set with flower buds.

OTAKSA, with 5 and 6 Branches, $20.00 per 100; 4 branches, $15.00 per 100. **SOUVENIR DE CLAIRE,** fine pink, same color as Gloire de Lorraine Begonia, 7 to 10 branches, $25.00 per 100.

AZALEAS 10 to 12-inch crowns, $5.00 per doz.
12 to 14-inch crowns, 6.00 per doz.

TULIPS La Reine, highest forcing quality, $5.00 per 1000. Send for surplus list of **BULBS, contains some very special low clean-up prices.**

JACKSON & PERKINS COMPANY, WHOLESALE FLORISTS AND NURSERYMEN Newark, Wayne Co., New York State

Mention The Review when you write.

INDIANAPOLIS.

The Market.

Conditions in this market last week were only fair and business as yet is not what it ought to be. The recent cold weather had a tendency to shorten up stock, and Beauties are showing the effects of the cloudy days. Carnations are not more than enough to go around, and some few sweet peas are to be seen, but not enough to speak of. Mums are in full blast now and are moving well, particularly the medium sizes. There is some little call for violets this week, but orchids are a little short.

Various Notes.

Among the Indianapolis florists attending the Cincinnati show were Albert Pittet, Otto Laurence, Fred Hukreide, Oliver Steinkamp, Albert Marshall, C. R. Green, George Wiegand, Homer Wiegand, John Hartje, Irwin Bertermann, John Bertermann, Clarence Thomas, Henry Rieman, Ernst Rieman and Adolph Baur.

Among the Indianapolis exhibitors at the Cincinnati show was Henry Rieman, who won the silver cup for seedling chrysanthemums with White Ball. Baur & Steinkamp received a certificate on their new red seedling carnation, St. Nicholas, and Hartje & Elder exhibited a number of their seedling pompons.

A. C. Kohlbrand, with E. C. Amling, of Chicago, dropped off in this city while en route home from the Cincinnati show.

The Smith & Young Co. has opened its wholesale store at 134 North Alabama street. Herman Junge, who is in charge, has been on the sick list.

Peter Weiland has been shipping stock into this market.

B. Eschner, representing M. Rice & Co., of Philadelphia, spent a day with the trade last week. H. L. W.

Stamford, Conn.—Belden B. Brown is building a greenhouse, 18x50, at the corner of Grove and Main streets.

CHAS. D. BALL
GROWER OF
PALMS, ETC.
Send for Price List
HOLMESBURG, - - PHILADELPHIA, PA.
Mention The Review when you write.

Pot-Grown FERNS

Boston, 4-in., 15c; 5-in., 25c; 6-in., 50c.
Scottii, 4-in., 15c; 5-in., 25c.
Amerpohlii, 4-in., 15c.
Sword, 2-in., 4c; 3-in., 8c; 4-in., 15c.
Whitmani, 4-in., 15c; 5-in., 25c; 6-in., 50c.
Scholzeli, 4-in., 15c; 6-in., 50c.
Piersoni, 4-in., 15c; 6-in., 50c.
Lomaria Gibba, 4-in., 15c.
Cibotium Schiedei, 5-in., $1.00; 9-in., $5.00.
Table Ferns, 2¼-in., $3.00 per 100; 3-in., $6.00 per 100.
Dracaena Massangeana, 5-in., $1.00; 7-in., $1.50.
Dracaena Terminalis, 4-in., 35c.
Dracaena Lord Wolseley, 4-in., 50c.
Crotons, best varieties, 4-in., 35c.
Pandanus Utilis, 2½-in., 8c.
Pandanus Veitchii, 5-in., 75c; 6-in., $1.00; specimens, $7.50 each.
Ficus Pandurata, 5-in., 75c; 8-in., $3.00. Fine plants.
Ficus Elastica, 4-in., 25c; 5-in., 40c; 6-in., 50c.
Asparagus Sprengeri, 2-in., $3.00 per 100.
Asparagus Plumosus, 2-in., $4.00 per 100; 3-in., $8.00 per 100.
Poinsettias, 3-in., $10.00 per 100.
Primula Obconica, 4-in., 10c. **Primula, Chinese,** 4-in., 10c
Farfugium Grande, 3-in., 12c; 4-in., 20c.
Rosemary, 4-in., 10c.
We have an immense stock of 4 and 5-in. Kentia Belmoreana and Forsteriana and will give big value.
Kentia Forsteriana, 4-in. pots, $25.00 and $35.00 per 100; 5-in., $50.00 and $75.00 per 100; 6-in., $1.00 and $1.50 each; 7-in., $2.50 each. Fine plants.
Kentia Forsteriana, large specimens up to $35.00 each.
Kentia Belmoreana, 3-in. pots, $18.00 per 100; 4-in., $25.00 and $35.00 per 100; 5-in., $50.00 and $75.00 per 100.
Kentia Belmoreana, larger plants, from $1.50 to $10.00 each.
Cocos Weddelliana, 2½-in. pots, $15.00 per 100.
Phoenix Reclinata, 4-in. pots, $20.00 per 100.
Phoenix Canariensis, $5.00, $10.00, $12.00, $25.00, $30.00 each.
Phoenix Roebelenii, 75c, $1.50, $2.00, $10.00, $20.00 each.
Areca Lutescens, 3-in., 3 in a pot, 15c.
Bargains in Bay Trees. Write for prices.

JOHN BADER CO., 43 Ravine St., N. S., Pittsburgh, Pa.

Mention The Review when you write.

Seasonable Stock

Christmas Peppers, 4-in. pots, fine.....$10.00 per 100.
Primula Obconica Gigantea (Arendsi)..... 3.00 per 100.
Fern Dish Ferns, heavy 2¼-in. pot plants, $3 00 per 100; $25.00 per 1000.
Asparagus Plumosus, 2¼-in. pots ..... 3 00 per 100; 25.00 per 1000.
Asparagus Sprengeri, 2-in. pots, $2.00 per 100; 4-in. pots, heavy, $10.00 per 100.
Boston Ferns,..... ..... 5-in. pots, $25.00 per 100; 6-in. pots, $40.00.
Hydrangea Otaksa, fine pot grown stock, 4-in., 2 and 3 shoots, $15.00 per 100; 5-in , 2 and 3 shoots, $20.00 per 100; 6-in., 3 to 5 shoots. $35.00 per 100.
Hydrangea Otaksa, field grown. Extra specimens, for large tubs, 12 to 15 shoots, $1.00 each.
Genista Racemosa..... ..... 6-in. pot plants, $25.00 per 100.
Gladioli, Blushing Bride and The Bride, 60c per 100; $5.00 per 1000.
Tulips, single. Superfine mixture, 70c per 100; $6.00 per 1000. Named colors, red, white, rose and yellow, 80c per 100; $7.00 per 1000.
Tulips, single. Darwin, special mixture, 90c per 100; $8.00 per 1000. Gesneriana, Macrophila (scarlet), 80c per 100; $7.50 per 1000.

The Storrs & Harrison Co., - Painesville, Ohio

Mention The Review when you write.

Dreer's Special Kentia Values

An immense stock of sizes noted below in prime condition and full values.



KENTIA BELMOREANA

	Doz.	100	1000
2¼-in. pots, 4 leaves, 8 to 10 inches high	$1.50	$10.00	$90.00
6 -in. pots, 6 leaves, 24 inches high			$1.00 each
6 -in. pots, 6 to 7 leaves, 28 to 30 inches high			1.50 each
7 -in. tubs, 6 to 7 leaves, 42 to 45 inches high			4.00 each
11 -in. tubs, 6 to 7 leaves, 48 inches high			8.00 each

KENTIA FORSTERIANA

	Doz.	100	1000
2¼-in. pots, 4 leaves, 8 to 10 inches high	$1.50	$10.00	$ 90.00
3 -in. pots, 4 to 5 leaves, 12 to 15 inches high	2.00	15.00	140.00
4 -in. pots, 5 to 6 leaves, 15 to 18 inches high	5.00	40.00	
6 -in. pots, 6 leaves, 28 to 30 inches high			$ 1.00 each
6 -in. pots, 6 leaves, 34 to 36 inches high			1.50 each
7 -in. pots, 6 to 7 leaves, 38 to 40 inches high			2.50 each
8 -in. tubs, 6 to 7 leaves, 48 inches high			5.00 each
10 -in. tubs, 6 to 7 leaves, 4½ to 5 feet high			6.00 each
11 -in. tubs, 6 to 7 leaves, 5 to 5½ feet high			8.00 each
10 -in. tubs, 6 to 7 leaves, 5½ to 6 feet high			10.00 each
11 -in. tubs, 6 to 7 leaves, 6 feet high			15.00 each

KENTIA FORSTERIANA—Made-up Plants

7-in. tubs, 3 plants in a tub, 36 inches high	$ 2.50 each
8-in. tubs, 3 plants in a tub, 40 to 42 inches high	4.00 each
8-in. tubs, 3 plants in a tub, 42 to 45 inches high	5.00 each
8-in. tubs, 3 plants in a tub, 4 feet high	6.00 each
9-in. tubs, 3 plants in a tub, 4½ feet high	8.00 each
10-in. tubs, 3 plants in a tub, 5 feet high	10.00 each
12-in. tubs, 3 plants in a tub, 5½ feet high	15.00 each
14-in. tubs, 3 plants in a tub, 6 feet high, heavy	20.00 each

Consult our Special Offer of October 12th for anything else that you may require in the Decorative line. If you did not receive it, write us.

Dahlias—If you are interested in these either as a grower of cut flowers or if you issue a catalogue, consult our Special Wholesale Dahlia Catalogue, which describes over 200 up-to-date varieties at interesting prices for early orders.

HENRY A. DREER, 714 CHESTNUT ST., PHILADELPHIA, PA.

THE ABOVE PRICES ARE INTENDED FOR THE TRADE ONLY.

Mention The Review when you write.

Verbenas—Verbenas

Large variety of 2¼-inch stock now ready for shipping.

Fine for use in the south.

J. L. DILLON

BLOOMSBURG, PA.

Mention The Review when you write.

Asparagus Plumosus, 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Asparagus Sprengeri, 2-in. pots, $2.00 per 100; 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Smilax, 3-in. $4.00 per 100.

Ferns, Boston, Whitmani, Scottii and Scholzeli, 4-in. pots, $2.00 per doz.; 5 in., $3.00 per doz.

Dracaena Indivisa, 3-in. pots, $4.00 per 100.

Daisies, white, Paris, Giant, 2½-in. pots, $3.00 per 100.

Clematis Paniculata, strong plants, 2-yr.-old, $10.00 per 100; 1-yr.-old plants, $5.00 per 100.

Hardy English Ivy, 4-in. pots, $10 00 per 100; 3-in. pots, $5.00 per 100.

C. EISELE

11th & Westmoreland Sts., Philadelphia, Pa.

Mention The Review when you write

G. DREYER

Tel. 228 Newtown

Jackson Ave., ELMHURST, L. I.

DECORATIVE PLANTS

SPECIALTIES: Palms, Ferns, Araucarias, Cycas, Pandanus, Lilies.

DREYERII FERN. $25 per 100; $200 per 1000.

Mention The Review when you write.

Plants and Greens for Xmas

We herewith give you list of plants that we are offering at present time. We shall be glad to have you look over same carefully and see what you can use.

AZALEAS. Order now for forcing

Nov. delivery	Dec.		Nov.	Dec.
10/12 in. ..	$0.65	$0.90	14/15 in. .. $1.25	$1.50
12/13 in. ..	.75	1.00	16/18 in. .. 2.00	2.50
13/14 in. ..	1.00	1.25	18/24 in. .. 2.50	4.00

Cinerarias, 2-inch, $5.00; 3-inch, $8.00; 4-inch, $12.50.

Celestial Peppers, nice stocky plants, full of fruit; Jerusalem Cherries, fine plants, will bloom and have fruit on them for Christmas. 3-inch, $10.00; 4-inch, $15.00; 5-inch, $25.00.

Poinsettias, just beginning to show color, will be fine, 2-inch, $6.00; 3-inch, $10.00; 3½-inch, $12.50; 4-inch, $20.00; 5-inch, $40.00; 6-inch pans, 75 cents.

Cyclamen, 2½-inch, $5.00; 3-inch, $8.00; 4-inch, $20.00; 5-inch, $35.00.

Primroses, Chinese, in variety; Obconica and Forbesi; 3-inch, $8.00; 4-inch, $12.50. Obconica and Forbesi, in 2½-inch, $5.00.

Gloire de Lorraine, 3½-inch, $30.00; 4-inch, $40.00; 5-inch, $60.00.

Incarnata and other blooming varieties, 2½-inch, $5.00; 3-inch, $8.00; 4-inch, $15.00.

Rex, 2½-inch, $5.00; 3-inch, $10.00; 4-inch, $25.00.

Begonias—the newest and best for fine red blooms, plants covered, is the **Luminosa**; you cannot miss it; order a sample lot—you will want more. 2½-inch, $5.00; 3-inch, $10.00; 4-inch, $20.00; 5-inch, $40.00.

Spiral Rex, 2½-inch, $7.50; 3-inch, $12.50; 4-inch, $25.00.

Baby Rambler Roses, two years old, $5.00 per doz. **Crimson Ramblers**, extra, $6.00 per doz. **Climbing Baby Ramblers**, at $5.00 per doz. All fine stock.

Japanese Air Plants, in canoes and baskets, $1.50, $2.00 and $2.50 per doz.

Bouquet Green, 4c, 5c and 6c per yard.

Ground Pine Wreaths, 10-inch, $1.00; 12-inch, $1.50; 14-inch, $2.00 per dozen.

Ground Pine Blankets, 2x5 feet, $3.00; 6 feet, $3.00; 7 feet, $4.00 each.

Green Moss Wreaths, with cape flowers, 10-inch, $1.50; 12-inch, $2.00; 14-inch, $3.00; 16-inch, $4.00 doz.

Ferns. We are headquarters for all kinds; get your orders in for them. Also miscellaneous plants.

Name Express company. Send Cash or Reference. Satisfaction guaranteed or money refunded.

GEO. A. KUHL

Wholesale Grower **PEKIN, ILLINOIS**

Julius Roehrs Co.

RUTHERFORD, N. J.

Palms, Plants, Orchids, Etc.

Send for Price List.

FERNS—FERNS

Extra fine in flats or pots, at reasonable prices.

All Bulbs and Plants in season.

F. W. O. SCHMITZ, Prince Bay, N. Y.

Heacock's Palms and Ferns

Home-grown — Strong and Healthy

ORDER AT ONCE, while you can have them shipped BY FREIGHT

While our sales have been much heavier than ever before, we are still strong on the following sizes:

Areca Lutescens	Each
7-in. pot, 3 plants in pot, 36 in. high	$2.00
8-in. pot, 3 plants in pot, 42 in. high	3.00
9-in. cedar tub, several plants in tub, 48 to 54 in. high.	5.00
9-in. cedar tub, several plants in tub, 5 ft. high	7.50

Kentia Belmoreana	Leaves	Height	Each	Doz.
2½-in. pot	4	8 to 10 in.		$ 1.50
3-in. pot	5	12 in.		2.00
5-in. pot	6 to 7	18 in.	$0.50	6.00
6-in. pot	6 to 7	24 in.	1.00	12.00
7-in. cedar tub	6 to 7	34 to 36 in.	2.50	30.00
7-in. cedar tub	6 to 7	36 to 38 in.	3.00	36.00
9-in. cedar tub	6 to 7	40 to 45 in.	4.00	48.00
9-in. cedar tub	6 to 7	42 to 48 in.	5.00	
9-in. cedar tub	6 to 7	48 to 54 in.	6.00	

Cocos Weddelliana	Per 100
2½-in. pot, 8 to 10 in. high	$10.00
2½-in. pot, 10 to 12 in. high	15.00

Kentia Forsteriana	Each	Doz.
6-in. pot, 5 to 6 leaves, 28 to 30 in. high	$1.00	$12.00
6-in. pot, 6 leaves, 34 to 36 in. high	1.50	18.00

Made-up Kentia Forsteriana		
7-in. cedar tub, 4 plants, 36 in. high	2.50	30.00
7-in. cedar tub, 4 plants, 36 to 40 in. high	3.00	36.00
9-in. cedar tub, 4 plants, 40 to 42 in. high	4.00	48.00
9-in. cedar tub, 4 plants, 42 to 48 in. high	5.00	60.00

Phoenix Roebelenii	Each
5-in. pot, nicely characterized	$1.00
6-in. pot, 18 to 20 in. spread	1.50
7-in. cedar tub, 18 in. high, 24 in. spread	2.00

Cibotium Schiedei	Each
9-in. cedar tub, 4 ft. spread	$4.00
9-in. cedar tub, 5 ft. spread	5.00
9-in. cedar tub, 5 to 6 ft. spread	6.00

Joseph Heacock Company, Railway Station, JENKINTOWN, **Wyncote, Pa.**

Mention The Review when you write.

BOWLING

AT CHICAGO.

The Florists' Bowling League made the following excellent scores November 15:

Orchids.	1st	2d	3d	Violets.	1st	2d	3d
Huebner	157	157	145	Foerster	159	188	160
Graff	178	119	160	Wienhoeber	152	127	171
Krauss	142	120	109	Lazaroff	155	83	113
Farley	158	144	207	Friedman	171	162	156
J. Zech	155	137	154	Byers	107	139	94
Totals	790	677	775	Totals	744	699	694

Roses.	1st	2d	3d	Carnations.	1st	2d	3d
Schoeneman	114	129	102	Lorman	168	170	149
Stack	148	151	150	Ayers	153	181	119
Freund	167	156	200	Winterson	147	167	133
Wolf	221	155	188	Schults	129	130	159
Fischer	199	170	167	A. Zech	245	184	202
Totals	849	761	807	Totals	842	832	762

AT NEW YORK.

The scores made Friday evening, November 17, were as follows:

Player	1st	2d	3d	4th
Donlon	89	...	...	...
Nugent	103	94	93	...
Shaw	125	105	136	...
Holt	133	99	135	...
Marshall	132	132	153	...
Young	131	132	179	183
Rickards	180	149	165	179
Chadwick	183	200	200	200

Manchester, N. H.—The decorations for the Whipple-Taggart wedding were furnished by A. G. Hood and were said to be exceptionally beautiful.

Stockbridge, Mass.—A Lord & Burnham greenhouse has just been erected at Clovercroft, the estate of Mrs. Oscar Iasigi.

AZALEAS

We offer strong plants, nicely budded, short standards and well shaped heads in the leading medium, early and late varieties, 10 to 12-inch, $5 00 per dozen. $40.00 per 100; 12 to 14-inch, $6.50 per dozen, $50 00 per 100; 14 to 16-inch, $8 50 per dozen, $65 00 per 100.

COLD STORAGE LILIUM GIGANTEUM, 7 to 9, $18.50 per case. Will bloom in ten weeks after planting.

LILIUM MULTIFLORUM, 7 to 9, $5.00 per 100; $45.00 per 1000; 9 to 10, $7.50 per 100; $70.00 per 1000.

ASPARAGUS SPRENGERI SEED, 15c per 100; 65c per 1000; $2 00 per 5000 seeds.

Write for surplus Bulb List. Will quote bargains.

CURRIE BROS. CO., 108 WISCONSIN ST., 312 BROADWAY, **MILWAUKEE, WIS.**

Mention The Review when you write.

FERNS---ROSES ....BEGONIAS....

Amerpohlii, Barrowsii, Scottii, Elegantissima, Boston, Jacksoni, Piersoni, Sword, Whitmani, 2½-in. pots, $4.00 per 100; 4-in., $15.00 per 100.

Rex Begonias, assorted varieties, 3-in. pot plants, $5.00 per 100; $45.00 per 1000.

Roses our specialty. Ask for quotations.

The Dingee & Conard Co., West Grove, Penna.

Mention The Review when you write.

Boston Ferns

Nice 4-inch plants, $15.00 per 100.

Cash with order or good references.

F. S. SMITH

830 W. 38th St., Indianapolis, Ind.

Mention The Review when you write.

ORCHIDS

Cattleyas, Laelias, Vandas, etc.

We are now ready to figure on any quantity for 1912, **quality and delivery guaranteed.** Send for annual catalogue. Semi-established plants ready for shipment now.

G. L. FREEMAN, Wellfleet, Mass.

Mention The Review when you write

ORCHIDS

Greatest quantity and variety in the country, and for all purposes. We are now booking orders for **freshly** imported stock for next year. Write for prices.

LAGER & HURRELL, Summit, N.J.

Mention The Review when you write.

PREPARE FOR THE HOLIDAYS!



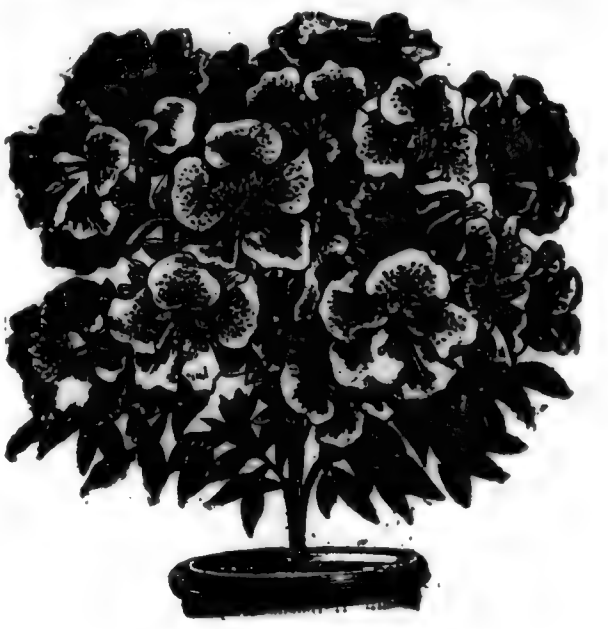
SEVENTY-FIVE CASES of Holiday Azaleas for Christmas, Kentia Palms, Latania Borbonica, etc., and to make the importation complete—**a whole consignment** of our so well-known specialty, the **Araucaria Robusta Compacta, Excelsa Glauca** and **Excelsa,** just arrived per S.S. Menominee October 23, from Belgium. These, together with the already immense stock of Holiday Plants, will place the so well-known firm of Godfrey Aschmann in first rank in importing, growing and shipping of Holiday Plants.

CHEAP

GOOD

RELIABLE

Therefore, don't be deceived—be on the lookout! Buy only from the man who is well known to be in a position to give you **GOOD BARGAINS AND GOOD STOCK.**



ARAUCARIA EXCELSA

With Xmas approaching there is always a big demand for **Araucaria Excelsa.** What looks nicer at Xmas time than an Araucaria properly dressed up with a nice pink, red or lavender ribbon, tied around the plant about half way up? It is a good keeper and keeps its beautiful evergreen foliage (tiers) green and perfect for years; when all other plants are withered, the Araucaria is in full glory, admired by all in the family. We are well prepared for the Araucaria orders and are the leaders, as we have always been for the last 25 years. 6000 can be seen in our greenhouses all sizes and prices. 5¼ to 5½-in., 3-year-old, 12, 15 to 20-in. high, 3 to 4 tiers only 35c, 40c and 50c; 6-in., 4-year-old, 20, 22, 25 to 30-in. and over in height, 4 5 and 6 tiers, 60c, 75c $1.00 to $1.25; specimen plants, 7-in., 30, 35 to 40-in. high, 5 to 6-year-old, 6, 7 to 8 tiers, green from bottom up, at a bargain price seldom offered; just look, only $1.50 to $2.00. Worth double. Will you let such a bargain pass unnoticed?

AZALEAS

We have 1000 ready, forced by ourselves into bloom for Xmas. Vervaeneana, Simon Mardner, Mme. Petrick and Deutsche Perle. If you want any in bloom for Xmas, please order them in time.

What F. J. Michell, of the well-known Seed House, Henry F. Michell Co., of Philadelphia, said:

"Have just visited the greenhouses of Godfrey Aschmann, and must say that it was indeed a great surprise to me—**I have never seen a better lot of Araucarias, Azaleas, Ferns** and other plants of all sizes and prices than are at Mr. Aschmann's."

Leader in Azalea Indica, Begonia Gloire de Lorraine, Palms, Etc.—Lead you into wealth.

CAN HANDLE LARGEST ORDER ON SHORT NOTICE

Now is the time to force **Azalea Indica for Christmas.** Deutsche Perle, full of buds, at 50c, 60c, 75c, $1.00, $1.25, $1.50 to $2.00 each. Simon Mardner, early, deep, double pink variety, 50c, 60c, 75c, $1.25, $1.50 to $2.00 each. Vervaeneana, large, double variegated, 50c, 75c, $1.00, $1.25, $1.50 to $2.00. Mme. Petrick, pink, double flowers, full of buds and never fails to bloom, 50c, 75c, $1.00, $1.25, $1.50 to $2.00 each.

Easter Varieties. Mme. Van der Cruyssen, pink (very scarce this fall in Belgium), 75c, $1.00, $1.25, $1.50 to $2.00 each. Niobe, double white. We have a large stock of this, 40c, 50c, 60c, 75c, $1.00, $1.25, $1.50 to $2.00. Deutsche Perle, 50c, 60c, 75c, $1.00, $1.25, $1.50 to $2.00. Helene Theleman, light pink, $1.00, $1.25, $1.50 to $2.00. President Oswald de Kerchove, $1.00, $1.25 to $1.50. Schryveriana and Empress of India, large, double variegated, 50c, 75c, $1.00, $1.25, $1.50 to $2.00. Professeur Wolters, 50c, 60c, 70c, $1.00 to $1.50. Simon Mardner, 60c, 75c, $1.00, $1.25 to $1.50. Vervaeneana and Apollo, 60c, 75c, $1.00, $1.25, $1.50 to $2.00; dozen or 100 at same prices. Simon Mardner, Vervaeneana, Deutsche Perle, smaller size, 40c, 50c up to $2.00. Also a few more of the best varieties.

Just Arrived with the azaleas a fine consignment of **Latania Borbonica,** in first-class condition. **Perfect foliage,** 8 good leaves—height given in consular invoice, 35 to 40 inches, fit for 7 and 8-in. pots, $1.50 to $2.00. **Combination Latania Borbonica** (3 plants), 6-in. pots, 25 to 30 in. high, forming a bush of about 14 leaves, which give them an attractive appearance, $1.00 to $1.25.

We have the stock—the best obtainable in Belgium—**of Araucaria Robusta Compacta** and **Excelsa Glauca;** short, bushy jewels—none better in the world. 6-in. pots, $1.00, $1.25 and $1.50.

Kentia Forsteriana, in fine shape, 5½ to 6-in. pots, 4, 5 and 6-year-old, 30, 35, 40 and 45 inches high, 75c, $1.00, $1.25, $1.50, $2.00 to $2.50; 4-in., 30c.

Kentia Belmoreana, 5, 6 to 7-year-old, 5, 5½, 6 to 7-in. pots, 50c, 75c, $1.00, $1.25, $1.50 to $2.00 each; 4-in., 25c.

Kentia Belmoreana, which came on the same steamer as azaleas, are potted off combination plants (made up with 3 plants), 22 to 25 inches high, having 12, 13 to 15 leaves to a pot (in 6-in. pots), 50c, 60c, 75c to $1.00, according to height; still larger sizes, $1.00, $1.25 to $1.50; single plants, 5 leaves, 22 to 25 in. high, stocky 5¼ to 5½-in. pots, only 50c, worth 75c.

Sago Palms, ready now, 6, 7 to 8-in. pots, 9 to 13 leaves, 12c per leaf.

Asparagus Plumosus, 2½-in., 3c; 3-in., 5c; 4-in., 10c and 15c.

Leader in Ferns—Scottii, Scholzeli, Whitmani and **Boston.** 6 houses stocked with them; 10,000 in all sizes and varieties now ready, never before better than this year; 5, 5½ in., 25c, 35c; 6 and 7-in., as big as a bushel basket, only 50c, 75c to $1.00. **Scottii, Whitmani, Scholzeli,** 4 in., 15c to 20c; fine to grow on. **Giatrasii,** 4-in., 20c; 5-in., 25c and 30c. Our ferns are all pot grown—not lifted from benches.

Ferns. Cordata Compacta, 4-in., 15c to 20c.

Ferns for dishes, big assortment, 2½-in. pots, $4.00 per 100; 3-in., $5.00 per 100.

Asparagus Sprengeri, large, 4-in. pots, 15c; medium, 4-in., 10c; 2½-in., $3.00 per 100.

Hydrangea Otaksa, pot-grown, 6-in., 25c, 35c to 40c; 7-in., 50c. Only pot-grown, will force successfully for Easter.

Begonia Gloire de Lorraine. This is another of our specialties. We have a secret in growing them to perfection, only known to us, giving them a rich, deep color; stand shipping well, traveling 2,000 to 3,000 miles without the least bit of injury if properly handled. We have a big house full in No. 1 condition, 6 to 7-in. sizes, in bud and partly in bloom, ready for immediate sale or for the holidays. Everybody knows that last Christmas we had the best Begonia Gloire de Lorraine in the market. They were crackerjacks, indeed! We have the deep pink and the light pink (Lonsdale) varieties, 6-in. pots, 50c, 75c, $1.00; 3-in., 12c to 15c. If you have room order now, because they are always scarce at Xmas.

Begonia Erfordii, newest improved strain. This variety is always in bloom during the whole winter, Xmas and Easter, 4-in. pots, in bud or bloom, 20c; 5¼-in., 25c to 30c.

Begonia Glory of Cincinnati, 5½ to 6 and 7-in. pots, 40c, 50c, 75c, $1.00 to $1.50.

Solanum or Jerusalem Cherries, our well-known prize strain, the multiflorum, 6-in., 25c, 35c, 40c to 50c. Never were so fine as this year, just right for Xmas; big plants, full of ripe red berries and with green berries ripening on.

Cineraria Hybrida, Aschmann's well-known strain, 2½-in. pots, $3.00 per 100; 3-in., $5.00.

Primula Obconica, 5½-in., in bloom, 25c.

Primula Chinensis, John Rupp's best strain, 4-in., 10c; 5-in., 20c.

Shasta Daisies, pure white, 2½-in. pots, $3.00 per 100; seedlings, $1.00 100.

Poinsettias in prime condition for Xmas, in bloom; 3-in., short, stocky, suitable for filling pans, 15c; 4-in., also suitable for filling pans, 25c; 5½ to 6-in. pots, all pot grown, single or branched plants, medium height, 35c, 40c and 50c per plant.

Wilsoni Ferns, 3 plants in a 6-inch pan, very bushy, 25c to 35c per pan.

Adiantum Hybridum, the new improved beautiful maidenhair fern. Large 4-in., 15c; medium 4-in., 10c; large 3-in., 8c.

Cocos Weddelliana, made up of 3 plants, 4 to 5-in. pots, 30c, 40c to 50c; 3-in., single, 15c; 4-in., single, 25c.

Areca Lutescens, 4-in., made up of 3 plants, 20c to 25c; 5¼-in. pots, 24-in., 35c.

Ficus Elastica (Rubber Plant), 5¼-in., 25c; 5½ to 6-in., 20, 25 to 30-in. high, 35c, 40c, 50c; 7-in., all staked up, 35 to 40 in. high, 75c to $1.00. We have the finest rubbers in the country.

Cyclamen Grandiflorum, 4-in. pots, 25c; 5¼-in., 35c.

All plants 25 at 100 rate. Cash with order, please. All plants must travel at risk of purchaser only.

GODFREY ASCHMANN, 1012 W. Ontario St., PHILADELPHIA, PA.

WHOLESALE GROWER, IMPORTER AND SHIPPER OF POT PLANTS

Classified Ad Department



Rate for advertising in this department 10 cents a line net, per insertion.

ACHYRANTHES.

ACHYRANTHES ROOTED CUTTINGS.

Metallica	$ 6.00 per 1000
Panache de Bailey	10.00 per 1000
Lindenii	6.00 per 1000
Warscewiczii	6.00 per 1000

2-IN. POTS.

Metallica	$2.00 per 100
Panache de Bailey	2.50 per 100
Lindenii	2.00 per 100
Warscewiczii	2.00 per 100

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Achyranthes Lindenii and Emersonii. Rooted cuttings, $1.00 per 100; 2½-in., 2½c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

500 2-in. achyranthes, $2.00.
Mercer Floral Co., Bowling Green, O.

Achyranthes McNally, fine 2¼-in., only 1c.
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Adiantum cuneatum, 2½-in., $3.50 per 100; 4-in., $8.00 per 100.
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100 Adiantum Croweanum, fine stock in 5-in., 20c. Cash. F. E. Cremer, Hanover, Pa.

Adiantum Croweanum, 3-in., $15.00 per 100.
Johnson Floral Co., Kendallville, Ind.

AGERATUMS.

AGERATUMS.

Stella Gurney, 2-in	$2.00 per 100
Princess Pauline, 2-in	2.00 per 100

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Ageratum Little Blue Star, rooted cuttings, 50c 100, $4.00 1000; 2-in., in bloom, 2c. Cash. Mail, 10c per 100.
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Ageratums, Stella Gurney, Little Blue Star and Imperial White, 60c per 100; $5.00 per 1000 prepaid. C. Humfeld, Clay Center, Kan.

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ALTERNANTHERA JEWEL.

Stock plants, 2½-in., $20.00 per 1000; rooted cuttings, $10.00 per 1000. This is by far the finest alternanthera in sight, and you should stock up now for spring sales.
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Alternantheras, red and yellow. Rooted cuttings, $5.00 per 1000. By mail, 10c per 100 extra. Cash with order.
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Alternantheras, red and yellow. Rooted cuttings, 50c per 100. Cash.
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Alyssum, double giant, 2¼-in., 2c. Rooted cuttings, 50c per 100, $4.00 per 1000; if by mail 10c per 100 extra. Cash.
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AMPELOPSIS.

Ampelopsis Veitchii, 3-yr., transplanted, extra strong, 2½ to 4 ft. tops, $2.00 doz., $12.00 100; 2-yr., transplanted, 18 to 24-in. tops, well rooted, $1.00 doz., $5.00 100. Stock guaranteed as represented. No samples sent out. Stock limited.
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Ampelopsis Veitchii, transplanted and extra fine, 2½ to 4 ft. tops, $1.50 per doz.; $9.00 per 100. Southside Nurseries, Chester, Va.

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Asparagus plumosus, 2¼-in., 3c; 3-in., 6c. A. Sprengeri, 2¼-in., 2c; 3-in., 4c; 4-in., 8c.
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"FULL OF LIFE," STRONG, HEALTHY STOCK

			Select 100	1000
Asparagus	plumosus	nanus. 2½-in.	$2.75	$25.00
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Asparagus	Sprengeri	.....2½-in.	2.50	22.50
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Cash. Prompt express shipment.
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ASPARAGUS BASKETS.
$1.00, $1.50 and $2.00 each.

ASPARAGUS PLUMOSUS.

Pots.	Doz.	100
2-in.	...	$3.00
3-in.	$1.00	8.00

ASPARAGUS SPRENGERI.

Pots.	Doz.	100	1000
3-in.	$0.75	$ 6.00	$50.00
4-in.	1.50	10.00	80.00

500 at 1000 rate.
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Of The Geo. Wittbold Co.,
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ASPARAGUS PLUMOSUS.
Extra strong—well grown.

2¼-in.	$2.00 100; $18.00 1000
3-in.	4.50 100

ASPARAGUS SPRENGERI.

2¼-in.	$2.00 100; $17.00 1000
3-in.	4.50 100

Cash, please.
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Asparagus plumosus, big, strong plants, 2½-in., $4.00 per 100, $35.00 per 1000; 3-in., $6.00 per 100, $50.00 per 1000. A. plumosus seedlings, fine stock, $1.00 per 100. A. Sprengeri, 2½-in., $4.00 per 100; $35.00 per 1000.
S. S. PENNOCK-MEEHAN CO.,
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Asparagus plumosus from 3-inch pots, express prepaid, $4.50 per 100; extra large plants from the field, good for 8 to 10-inch pots, $22.50 per 100. Cash with order.
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3000 Asparagus Sprengeri plants, 2½-in. pots, $2.50 per 100; $20.00 per 1000. 3000 A. plumosus plants, 2½-in. pots, $2.50 per 100; $20.00 per 1000.
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Asparagus plumosus, 2¼-in. pots, $3.00 per 100; $25.00 per 1000. Asparagus Sprengeri, 2-in. pots, $2.00 per 100; 4-in. pots, heavy, $10.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

Asparagus plumosus, to close out, 3-in., ready for 4 and 5-in., $5.50 per 100; $50.00 per 1000. Asparagus Sprengeri, 3-in., ready for 5-in., $5.00 per 100; $45.00 per 1000.
Swan Peterson Floral Co., Gibson City, Ill.

Asparagus plumosus nanus, 2½-in., $2.50 per 100, $22.50 per 1000; 3-in., $6.00 per 100; 4-in., $8.00 per 100. A. Sprengeri, 2½-in., $2.50 per 100; $20.00 per 1000; 4-in., $7.00 per 100.
Geo. H. Mellen Co., Springfield, Ohio.

Aparagus plumosus nanus, from 2¼-in. pots, $2.50 per 100, $22.50 per 1000; 3-in. pots, $5.00 per 100, $45.00 per 1000. Cash with order, please.
FLORAL HILL GARDENS,
G. F. Neipp, Prop., Chatham, N. J.

10,000 Asparagus plumosus, extra strong 2½-in., $2.50 per 100; $22.00 per 1000. 6000 A. Sprengeri, strong, bushy, $2.00 per 100; $18.00 per 1000. Cash.
Daut Bros., 825 N. Water St., Decatur, Ill.

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Wettlin Floral Co., Hornell, N. Y.

Asparagus Sprengeri seedlings, prepaid, 90c 100; 2½-in., extra strong, 2½c. A. plumosus, 2½-in., 3c; 4-in., 15c.
A. J. Baldwin, Newark, O.

Asparagus Hatcheri, from 2½-in. pots, ready for 3½-in., the asparagus fern that's talked about, $10.00 per 100. Cash.
Ehmann's, Corfu, N. Y.

Asparagus plumosus, 2¼-in. pots, $3.00; Asparagus Sprengeri, 4-in., bushy, grown outside, $8.00 per 100.
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Asparagus. A few hundred EXTRA STRONG 4-in. A. Sprengeri, and a few A. plumosus nanus, $8.00 per 100. Cash.
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6000 Asparagus plumosus, 2¼-in., $3.00 per 100; $25.00 per 1000. 5000 Asparagus Sprengeri, 2½-in., $2.50 per 100; $22.50 per 1000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Asparagus plumosus. Fine plants in 3-in. pots, ready for shift, $5.00 per 100. A. Sprengeri, in 2½-in., $2.50 per 100. Cash.
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CUT STRINGS, 8 FT. LONG,
50c EACH.
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The Rosebud Co., Newton, Kan.

500 heavy asparagus plumosus nanus, 3-in., 5c, 700 A. Sprengeri, nice 2½-in., ready for 3-in., 2½c. Cash with order.
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Asparagus Sprengeri, extra fine 3-in., ready to shift, $3.50 per 100; 2½-in., $2.00 per 100. Cash.
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Asparagus Sprengeri, 4-in., flue, bushy plants, $8.00 per 100. Cash, please.
Sheldon Greenhouses, Sheldon, Ia.

Asparagus Sprengeri, 2½-in., $2.00; 3-in., $3.00; 4-in., $4.00 per 100. Cash.
Freeport Floral Co., Freeport, Ill.

Asparagus Sprengeri, 3-in., $3.00 per 100; 4-in., $5.00 per 100.
Whitton & Sons, City & Green, Utica, N. Y.

Asparagus Sprengeri, 2¼-in., extra strong, $2.00 per 100; 3-in., $5.00 per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Asparagus plumosus nanus, 2-in., 2c. Asparagus Sprengeri, 2-in., 2c.
U. G. Harglerode, Shippensburg, Pa.

A. plumosus plants, 2¼-in. pots, $2.00 per 100; A. Sprengeri, 2¼-in. pots, $2.00 per 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus, 3-in., 6c. A. Sprengeri, 3-in., 4c; 4-in., 6c; 5-in., 12c.
Schneider, Florist, Springfield, Ohio.

Asparagus plumosus, fine 2½-in., $2.00 per 100. A. Sprengeri, fine 2½-in., $1.50 per 100.
J. C. Schmidt, Bristol, Pa.

Asparagus Sprengeri, 4-in., $10.00 per 100; 8-in., $5.00 per 100. Orange County Ornamental Nursery, Fullerton, Calif.

Asparagus plumosus, 2½-in., $3.00 per 100; 2-in., $2.50 per 100. Cash, please.
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Asparagus plumosus and Sprengeri, 4-in., good, large stock, $5.00 per 100.
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Plumosus and Sprengeri, $2.50 per 100.
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W. B. Girvin, Leola, Pa.

Asparagus plumosus nanus, extra strong 2-in., 2½c. J. L. Schiller, Toledo, Ohio.

Asparagus plumosus nanus, 4-in., $10.00 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

Asparagus plumosus, 3-in., $4.00 per 100. Cash.
F. E. Cremer, Hanover, Pa.

Asparagus plumosus, 3-in., $5.00 per 100.
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Asparagus, fine. See display adv.
J. W. Miller, Shiremanstown, Pa.

Asparagus plumosus, 4-in., fine stock, $10.00 per 100. Holton & Hunkel Co., Milwaukee, Wis.

Asparagus Sprengeri, strong 3-in., $3.50 per 100. J. H. Dann & Son, Westfield, N. Y.

Asparagus Sprengeri, strong 2¼-in., $2.00 per 100. John Eitel & Son, Greencastle, Ind.

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We offer strong plants, nicely budded, short standards and well shaped heads in the leading medium-early and late varieties. 10 to 12-in., $5.00 per doz., $40.00 per 100; 12 to 14-in., $6.50 per doz., $50.00 per 100; 14 to 16-in., $8.50 per doz., $65.00 per 100.
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Azaleas. A fine trio for Christmas. Deutsche Perle, Vervaneana, Mme. Petrick, very handsome plants, full buds, 16 to 18-in., $1.00, $1.25. Cash.
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Bay trees (standards), fine assortment, sizes 12 to 48 in. crowns. Price, $2.50 to $25.00 each. Let us know your wants.
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Bay trees and box trees, all sizes.
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Blooming begonias in assortment, $2.50 per 100. Rex begonias in assortment, $4.00 per 100; 2½-in., large, $6.00 per 100; 4-in., fine plants, $2.50 per doz. Some fine stock of my new special Rex begonias, Emerald Queen and Bronze King, 2-in., $6.00 per 100; 2½-in., $8.00; 4-in., fine plants, 35c each, $4.00 per doz.
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Begonia Gloire de Lorraine, 2½-in., 15c; 3-in., 25c; 3½ and 4-in., 35c. Glory of Cincinnati, 2½-in., 25c; 3-in., 35c; 4-in., 50c; 5-in., 75c. All in bud or bloom. Cash only.
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Jerusalem cherries, 4-in., pot grown, for immediate shipment, $5.00 per 100.
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THE IMPROVED CANNA.

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DIRECT FROM GROWER.

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Lawson-Enchantress	$4.00	$35.00
Sangamo, 10 in. in diameter	4.00	35.00
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We never shipped a nicer lot of plants than we are now offering; large, bushy plants with many shoots. At the above prices it would pay you to buy this stock to plant in your houses after the early mums are gone. Every plant guaranteed or you can return them. Cash with order.
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Cash or C. O. D.
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OUR 1911 INTRODUCTION.

Field-grown plants of the above, $12.00 per 100; $100.00 per 1000.
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Carnation plants. 1400 Enchantress, 75 Winsor, 200 Lady Bountiful and 100 Sangamo, $5.00 per 100.
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25 large bushy Christmas cactus, 25 and 30 buds, 5-in. stock, 25c each. Cash, please.
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50c per doz.; $3.00 per 100.
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$4.00 per 100.
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Pacific Supreme	Pink Globe
Monrovia	Major Bonnaffon

White Bonnaffon
Hayman Greenhouse Co., Clarksburg, W. Va.

POMPONS—Zenobia, Baby, Diana, Lulu, Bessie Flight.
SINGLES—Adelaide, Katie Covell, Mary Richardson, Kitty Bourne, Ladysmith, Helen Totty, Harold Bishop, M. J. Carlisle, Garza, Estelle Burnes.
Both pompons and singles, 75c per doz.; $4.00 per 100.
CHRYSANTHEMUMS—October Frost, Monrovia, Golden Glow, Jeanne Nonin, Major Bonnaffon, Dr. Enguehard, Clementine Touset, 50c doz., $3.00 per 100; $25.00 per 1000. Will trade—what have you?
W. R. Miller, The Florist, Covington, Ky.

CHRYSANTHEMUMS.

Several thousand fine stock plants ready for shipment.
$3.00 per 100.

Golden Glow	Col. Appleton
Polly Rose	Golden Wedding
Halliday	White Chadwick
Touset	Adelia
Monrovia	Mrs. Robinson

Major Bonnaffon.
J. F. WILCOX & SONS,
COUNCIL BLUFFS, IOWA.

CHRYSANTHEMUMS—Continued.

CHRYSANTHEMUM STOCK PLANTS.

Crocus	General Hutton
Dr. Enguehard	White Cloud
A. J Balfour	C Touset
Winter Cheer	Gloria
Major Bonnaffon	Rosemawr
Golden Eagle	Mrs. Thirkell
Alice Byron	Halliday
Pacific Supreme	McNiece
Edmond Albe	White Chadwick

$3.00 per 100. Cash.
Holton & Hunkel Co., Milwaukee, Wis.

STOCK CHRYSANTHEMUMS.

Ivory, Adelia, Golden Glow, C. Touset, Virginia Poehlmann, Polly Rose, October Frost, Queen, Pacific Supreme, Glory of Pacific, Pink Ivory, Bonnaffon, Mayor Weaver, Golden Eagle, Yellow and White Jones, Silver Wedding, Chadwick, Philadelphia, White Eaton, M. Dean, Dr. Enguehard, Viviand Morel, Robt. Halliday; singles, Canary and Ladysmith. Strong stock at $4.00 per 100. John Walker, Youngstown, Ohio.

Chrysanthemum stock plants of following varieties, $3.00 per 100, cash, please: Estelle, Ivory, Early Snow, C. Touset, Bonnaffon (white and yellow), Pres. Taft, Crocus, Chadwick (white and yellow), Lynnwood Hall, Mrs. Buckbee, Wanamaker, Mrs. H. Robinson, Golden Wedding, Monrovia, Golden Glow, Halliday, Col. Appleton, Golden Age, Pacific Supreme, Wm. Duckham, Gloria, Mary Mann.
Van Aken Bros., Coldwater, Mich.

CHRYSANTHEMUM STOCK PLANTS
50c per doz.; $3.00 per 100.

Mrs. Weeks	Golden Glow
Pacific Supreme	Bonnaffon
White Ivory	Merry Jane
Pink Ivory	Col. Appleton
Touset	Mayor Weaver

Patty, 6c.
Erie Floral Co., Erie, Pa.

$3.50 per 100; 60c per doz., cash with order, for the following stock plants: Golden Glow, October Frost, Opah, Estelle, Gloria, Holliday, Robinson, Mrs. Weeks, Alice Byron, Wm. Duckham, Pres. Taft, Honesty, Philadelphia, White and Yellow Bonnaffon, Trainor Park, Golden Wedding, Dr. Enguehard, John Burton, Jeanne Nonin, Yanoma. The Newburys, Mitchell, S. D.

Chrysanthemum stock plants. Col. Appleton Bergmann, M. Bonnaffon, Brighthurst, Ben Wells, C. Touset, Dr. Enguehard, Crocus, Holliday, Shaw, Kalb, Baron Victor (bellis); white pompon, Silver Cloud, Lincoln, 35c per doz.; $2.00 per 100. Orders booked for rooted cuttings at $1.00 per 100. Cash with order.
Martin Keit, Sta. A., Bay City, Mich.

CHRYSANTHEMUM STOCK PLANTS.

Golden Glow, October Frost, Gloria, Donatello, White Ivory, Yellow Ivory, White and Yellow Bonnaffon, White and Pink Shaw; pompons, Golden, Mlle. Martha, Yellow Baby, best yellow, and all other good varieties, $5.00 per 100.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Chrysanthemum stock plants, large clumps, true to name. Virginia Poehlmann, Glory Pacific, Clementine, Touset, Pacific Supreme, White Ivory, Dr. Enguehard, Timothy Eaton, Yellow Eaton, Major Bonnaffon, Loiseau Rosseau, Jeanne Rosette, Jeanne Nonin, W. H. Chadwick, $3.00 per 100. Stuhldreher Bros., Mansfield, Ohio.

Why not buy for immediate delivery and double your stock by the 1st of January, thereby saving money. Extra strong 2-in. plants of the finest and earliest white chrysanthemum, Smith's Advance, ready now, $1. 25 per doz.; $10.00 per 100. Cash.
Jos. F. Klimmer Estate, Forest Park, Ill.

Chrysanthemums. Fine, healthy stock plants of yellow Bonnaffon, Pink Shaw, White Ivory and 3½-in. smilax at 2½c, or will exchange for Chicago Market, Etoile d'Or daisies, Oct. Frost, Golden Glow or Virginia Poehlmann chrysanthemums. Lohr Bros., 1454 Ottawa, Ottawa, Ill.

Chrysanthemum stock plants. Donatello, Beatrice May, Gloria, Oroba, Pac. Supreme, Bonnaffon, 3c. Mrs. W. E. Kelley, Winter Cheer, Heston White, 4c. Edmond Albe, Elise Papworth, Yellow Ivory, 5c.
J. L. Schiller, Toledo, O.

"CHRYSANTHEMUMS FOR THE MILLION."
A record of notes on the culture of the chrysanthemum, by growers situated in every section of the United States, with an introduction by the author, C. H. Totty. Price, 25c.
Chas. H. Totty, Madison, N. J.

Chrysanthemum stock plants. Chas. Razer, the best commercial white, Ivory type, easy grower, $4.00 per doz.; rooted cuttings, booked for $3.00 per 100. Mayor Weaver and Gloria, both new pinks, stock plants, $2.00 per doz.
J. Van der Wal, 10421 Michigan Ave., Chicago.

Chrysanthemum stock plants. Golden Glow, Polly Rose, Glory of Pacific, October Frost, Lavender Queen, White Chadwick, Ivory, H. W. Buckbee, Yellow Bonnaffon, Clementine Touset, Col. Appleton, Pres. Taft, Alice Byron, $3.00 per 100. Cash. Freeport Floral Co., Freeport, Ill.

Chrysanthemum stock plants. Golden Glow, Oct. Frost, W. Bonnaffon, Y. Bonnaffon, Pres. Roosevelt, W. Chadwick, Y. Chadwick, Col. Appleton, Halliday, Lady Hopetown, Honesty, cash or exchange, 50c per doz.; $2.50 per 100.
R. E. Rathbun, Sioux City, Iowa.

Chrysanthemum stock plants, strong. Mrs. Parr, Pres. Roosevelt, Helen Frick, $3.00 per 100.
Mercer Floral Co., Bowling Green, O.

Stock plants. October Frost, Golden Glow, Gloria, Polly Rose, Enguehard, 3c. Early Snow, P. Supreme, Frick, Black Hawk, 5c. New English singles, set of 10 varieties, $1.00. Cash, please. Riverside Greenhouses, Auburndale, Mass.

Chrysanthemum stock plants. Smith's Advance, best earliest white, 40c each, $4.50 per doz., $35.00 per 100. Other standard varieties, $1.00 per doz.; $5.00 per 100.
John Dieckmann, Elm Grove, W. Va.

Orders booked for young plants of Smith's Advance, earliest white; Unaka, earliest pink; January and February delivery, $1.00 per 10; $8.00 per 100. Please order early. Stock plants all sold. Max B. Schreiber, McDonald, Pa.

TOTTY'S CHRYSANTHEMUM FERTILIZER.
The best chemical fertilizer in the market for feeding chrysanthemums. Price, 7 to 10 lbs., 30c lb.; 10 to 50 lbs., 25c per lb.
Chas. H. Totty, Madison, N. J.

Smith's Advance chrysanthemum plants, 2-in. stock. Good, strong plants, well rooted; this stock will give many cuttings for planting time, $1.25 per doz. Cash with order.
The Newburys, Mitchell, S. D.

Bonnaffon, White and Pink Shaw, Pacific Supreme, Ivory, Nonin at $3.00 per 100. Will exchange for plants we can use or rooted cuttings of S. A. Nutt geranium.
Baker Floral Co., Syracuse, N. Y.

3000 Smith's Advance chrysanthemums. Strong stock plants of this superior early white chrysanthemums, 25c each; $20.00 100. Cash with order.
Minneapolis Floral Co., Minneapolis, Minn.

Chrysanthemum stock plants. October Frost, Dr. Enguehard, Golden Glow, Major Bonnaffon, $3.00 per 100, or will exchange for other stock.
Wm. Eschrich Co., North Milwaukee, Wis.

Chrysanthemum Smith's Advance stock plants, $3.00 per doz.; 2¼-in. pots, strong plants, $1.25 per doz., $10.00 per 100.
A. C. Canfield, Springfield, Ill.

Fine bushy stock plants. Ivory, Pacific Supreme and Bonnaffon, 75c doz.; $4.00 per 100. Cash.
G. W. Renard, Avondale, Chester Co., Pa.

Chrysanthemum stock plants. Beatrice May, Yellow Bonnaffon, Dr. Enguehard, Glory of Pacific and Pacific Supreme, $3.00 per 100.
Mosbæk Greenhouse Co., Onarga, Ill.

Chrysanthemum stock plants. Donatello, best early yellow; October Frost, $70.00 per 1000. Cash with order or satisfactory reference.
Chas. Knopf Floral Co., Richmond, Ind.

Stock plants of Oct. Frost, Polly Rose, Edmond Albe, Black Hawk and Jeanne Rosette, $3.00 per 100.
M. D. Schmidt & Son, 254 Park, Dayton, O.

Stock plants of yellow Garza, new, at 50c each., $5.00 per doz.
Jacob Russler, 114th and Avon, Morgan Park, Ill.

Chrysanthemum stock plants. Golden Glow, Polly Rose, La Rosiere, Col. Appleton, V. Morel, 50c doz. A. J. Baldwin, Newark, O.

Golden Glow, Pacific Supreme, Halliday, Touset stock plants at $3.00 per 100. Cash.
Scharff Bros., Van Wert, O.

Chrysanthemum stock plants. Smith's Advance, 25c each; Golden Glow, 10c each.
Eli Cross, 25 Monroe, Grand Rapids, Mich.

Chrysanthemum stock plants, Glory of Pacific and Polly Rose, 3½c. Cash.
Hammerschmidt & Clark, Medina, O.

Chrysanthemum stock plants. Touset, $2.50 per 100. Jacob Doerrer, Columbia, Pa.

CINERARIAS.

Cinerarias. Vaughan's Columbian, James' Prize, Boddington's Perfection, Matchless Dwarf, azure blue, white, blood red and old rose, 3-in., ready for 4-in., $4.00; 4-in., ready for 5-in., $6.00 per 100. Fine, clean stock. Cash only, please. J. Sylvester, Florist, Oconto, Wis.

Cinerarias, London Prize Winners, a brilliant and showy strain, many light colors, dwarf and large flowering, 2¼-in., $2.00 per 100; 300 for $5.00.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Cinerarias, dwarf varieties. Large plants, ready to shift, 2¼-in. $1.50 per 100; 3-in., $2.50 per 100; 4-in., $5.00 per 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

Cinerarias. Fine stock, elegant strain, right for Easter, $1.50 100. Speak quick.
The Maples, Garrettsville, O.

Cinerarias, fine mixed, 2¼-in., ready for 3-in. pots, 2½c.
J. W. Golden, 340 Ohio, Johnstown, Pa.

Cinerarias, dwarf prize, out of 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Cinerarias, large flowering dwarf. Large, strong plants, 2-in., $2.00 per 100. Cash, please.
Herman C. Stache, Manchester, N. H.

Cinerarias, large flowering dwarf. Extra good plants, 3-in., $4.00 per 100. Cash. M. S. Etter, The Home of Primroses, Shiremanstown, Pa.

Cineraria stellata, 5-in., 10c each.
Mosbæk Greenhouse Co., Onarga, Ill.

Cinerarias, a grand assortment, 2-in., $2.00 per 100. John Irvine & Sons, Bay City, Mich.

Cinerarias, Rupp's best mixed, 2¼-in., 2½c.
Hammerschmidt & Clark, Medina, O.

Strong dwarf cinerarias, 2-in., $2.00 per 100.
M. S. Wiecking Co., Bluffton, Ind.

Cinerarias, the finest grown. See display adv.
J. W. Miller, Shiremanstown, Pa.

CLEMATIS.

Clematis paniculata, 2 and 3-yr.-old; also Henryi, Jackmani, Andre Romona, Red Jack. Special price for fall delivery.
Parks & Schaufelberger, Penfield, N. Y.

Clematis paniculata. Large field-grown plants, $6.00 per 100; medium size plants, $4.00 per 100.
Geo. H. Mellen Co., Springfield, O.

Clematis paniculata, 2-yr., $7.00 per 100; $60.00 per 1000. H. G. Norton, Perry, O.

COLEUS.

COLEUS ROOTED CUTTINGS.

Golden Bedder	$6.00 per 1000
Beckwith's Gem	6.00 per 1000
Verschaffeltii	6.00 per 1000

COLEUS, 2-IN. POTS.

Pfister, red, yellow	$2.00 per 100
Beckwith's Gem	2.00 per 100
Golden Bedder	2.00 per 100
Verschaffeltii	2.00 per 100

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Coleus, all of the best named varieties, 70c per 100; $6.00 per 1000. Express prepaid.
C. Humfeld, Clay Center, Kan.

Coleus, 15 varieties, R. C., 60c per 100, $5.00 per 1000; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Coleus, Golden Bedder and Verschaffeltii. Rooted cuttings, 75c per 100. Cash, please.
Sheldon Greenhouses, Sheldon, Ia.

Coleus, 6 good vars. R. C., 60c 100; $5.00 1000.
McRae-Jenkinson Co., Cheswick, Pa.

Coleus, fine 2½-in., 10 kinds, $2.00 100. Cash.
E. Huston & Co., Sistersville, W. Va.

Coleus, 4 varieties, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, O.

Coleus Golden Bedder, 3-in., 2½c.
J. H. Dann & Son, Westfield, N. Y.

CROTONS.

CROTONS.

Pots	Each	Doz.
2¼-in.	....	$1.00
3-in.	....	1.50
4-in.	$0.25	3.00
7-in., 4 in a pot	75c to 1.00	....

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Crotons, 5-in. pots, 75c to $1.00 each; 6-in. pots, $1.00 to $1.25 each. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

CUT FLOWERS.

Fresh cut Bulgarie, Pink and White Killarney daily.
H. P. Neun, 941 South Ave., Rochester, N. Y.

Calla lily, daffodil and iris blooms.
H. A. Hyde, Watsonville, Calif.

CYCLAMEN.

Giant cyclamen, our own grown strain, selected from the very best and well built plants and flowers. Seed, $1.00 per 100, $6.00 per 1000; nearly all sold out. August seedlings, $2.00 per 100; $18.00 per 1000. Plants, well set with buds, 4-in., $18.00 and $25.00 per 100. Orders amounting to $25.00, 10% off. Here is one of the many letters we received from satisfied customers: E. A. Butler & Son, Niagara Falls, N. Y., say, "The plants are excellent, the finest we have ever had and, if the seed this year is of the same quality, we will be perfectly satisfied." Our aim has been to, and we have, improved our strain every season. Cultural directions with every order. See my calla and A. plumosus advs. C. Winterich, Cyclamen Specialist, Defiance, O.

Cyclamen giganteum superbum, the new English strain, including picturatum, Duke of Fife, Rosy Morn, also Glory (or Wonder) of Wandsbeck, Victoria, and 4 of the best German specialists' strains, 3-in., $6.00; 4 in., $12.00; 5-in., $25.00 per 100. All fine plants, well budded, mostly showing color or in bloom. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen giganteum, strong stock in full bud and bloom.

5-in.	$ 6.00 per doz.
6-in.	9.00 per doz.
7-in.	12.00 per doz.
8-in.	14.00 per doz.

Send in your order at once to avoid the rush.
Carl Meier & Co., Green Bay, Wis.

Cyclamen Giganteum, best strains. Strong plants in bud and bloom.

4-in.	$10.00 per 100
5-in.	20.00 per 100
6-in.	4.50 per doz.

Prompt shipment. Cash.
C. H. Woolsey, Florist, Rockford, Ill.

CYCLAMEN.

5-in.	$20.00 per 100
4-in.	10.00 per 100
3-in.	7.00 per 100

This is the noted Winterich strain; plants in good shape, we must reduce our stock.
Swan Peterson Floral Co., Gibson City, Ill.

Cyclamen giganteum, 4-in., 15c.
Mosbæk Greenhouse Co., Onarga, Ill.

"FULL OF LIFE"
GIANT CYCLAMEN GIGANTEUM BLENDS
2¼-inch .....$5.00 per 100
3-inch ..... 7.50 per 100
Terms cash. Prompt shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses. Rockford, Ill.

Cyclamen giganteum, improved strain, 8 different colors. 3½ and 4-in., well leaved and budded, 10c and 15c; 4½, 5 and 6-in., in bud and bloom, 20c, 30c and 50c; extra select 6-in., 60c. All plants shipped in paper pots. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

170 fine 4-in., cyclamen, with as many as 8 flower shoots, nice short stems, well grown, will bloom for Christmas, 11c ea., or lot for $17.00. 70 giganteums, 100 persicum, all colors, 3-in., at 3c ea. Cash with order.
C. W. Harrold, Decatur, Ill.

CYCLAMEN GIGANTEUM SEED. Finest giants; in choicest mixtures, grand. 250 seeds, $1.00; ½ pkt., 50c; 1000 seeds, $3.50.
John F. Rupp, Shiremanstown, Pa.

Cyclamen, best giant commercial strain, 6 separate colors or mixed; 3-in., 5c, to close out; 4-in., heavy, healthy plants, in bud and bloom, 20c to 35c. J. L. Schiller, Toledo, O.

Cyclamen, good, strong plants of best strains, in pots; 3-in., 10c to 12c; 4-in., 15c to 25c. Cash.
Rober & Radke, Maywood, Ill.

Cyclamen giganteum, strong bushy plants, full of buds, 5-in., $15.00 per 100.
Whitton & Sons, City & Green, Utica, N. Y.

Giant cyclamen, the best of stock. 2¼-in., $4.00 per 100; 3-in., $6.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Cyclamen giganteum, large flowering, 4-in., $10.00 per 100; 5-in., $15.00 per 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

Cyclamen giganteum. See display adv.
J. W. Miller, Shiremanstown, Pa.

DAHLIAS.

WHOLESALE LIST FOR 1912
NOW READY
Separated stock and clumps. We use no slips or sprouts for propagation; stock all grown from tubers, insuring strong roots.
J. L. MOORE
Northboro Dahlia & Gladiolus Gardens
NORTHBORO, MASSACHUSETTS

Dahlias, extra heavy undivided field clumps. Black Beauty, $3.00 per 100. Earl of Pembroke, $4.00 per 100. Countess of Lonsdale, finest for cut flowers, $8.00 per 100.
Wagner Park Conservatories, Sidney, Ohio.

EAST BRIDGEWATER DAHLIA GARDENS. If you are looking for dahlia stock for your 1912 catalogue, send for trade list to THE DAHLIA KING.
J. K. Alexander, East Bridgewater, Mass.

Dahlias. Large list. Any quantity desired.
Nat'l Cooperative Show Gardens, Spencer, Ind.

DAISIES.

MARGUERITES.
WHITE AND YELLOW.
Rooted cuttings .....$6.00 per 1000
YELLOW.
2-in. .....$2.00 per 100; $18.00 per 1000
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Marguerites. Queen Alexandra, 2½-in., $3.00; 3½-in., $5.00; 4½-in., $10.00 per 100. Queen of Belgians, Soleil d'Or and Nicholson's White, 2½-in., $3.50; 3½-in., $6.00; 4-in., $10.00 per 100. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Yellow daisy Etoile d'Or, Nicholson's White, Chicago Market White, winter flowering, 2½-in., $10.00 per 100; rooted cuttings, $6.00 per 100. Chicago Market White, 10 to 14-in. stems, constant bloomer, flowers 2½ to 3-in., petals pure white. Cash. A. E. Hunt & Co., Evanston, Ill.

Yellow daisies, Etoile d'Or, for winter flowering. 6-in., $50.00 per 100; 4-in., $20.00 per 100; 2½-in., $10.00 per 100.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Daisies, Paris. Rooted cuttings, giant yellow and white, $1.00 per 100, Bellis, Snowball, Longfellow, $2.50 per 1000; 5000 for $10.00.
Byer Bros., Chambersburg, Pa.

Yellow marguerites, winter flowering. Guaranteed healthy stock out of 2½-in. pots, $5.00 per 100. Sample by mail, 10c.
James Crawshaw, Depot Ave., Barrington, R. I.

Daisies (Chrysanthemum maximum), fine for cutting. Strong divisions, right from 5-in. pots, $2.00 per 100; $15.00 per 1000. Cash with order.
W. A. Finger, Hicksville, L. I., N. Y.

Giant marg. daisies, white and yellow, 2-in., 2c; 3-in., 3c; R. C., 1c. Cash.
E. W. Byer, Prop., S. Flo. Co., Shippensburg, Pa.

White marguerites. Rooted cuttings, 75c per 100. Cash, please.
Sheldon Greenhouses, Sheldon, Ia.

Daisies. Dreer's new double, Mrs. F. Sander. Fine plants, ready for 4-in., $3.00 per 100.
The Maples, Garrettsville, O.

Shasta daisies, strong divisions, $2.00 per 100; $16.00 per 1000.
Anderson Floral Co., Anderson, S. C.

Daisies (bellis), double, large flowering, Longfellow and Snowball, fine plants, $2.00 per 1000; 5000 for $7.50. J. C. Schmidt, Bristol, Pa.

Marguerite daisies, the new one, Mrs. F. Sander, 2-in. pots, $5.00 per 100.
Johnson Floral Co., Kendallville, Ind.

Reve d'Or, best winter blooming yellow, 2½-in., 8c. Riverside Greenhouses, Auburndale, Mass.

Marguerite daisies, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, Ohio.

Marguerites. Queen Alexandra, fine stock, $1.25 per 100 by mail. S. W. Pike, St. Charles, Ill.

Double daisies or bellis, mixed, fine, $2.00 per 1000. U. G. Harglerode, Shippensburg, Pa.

DRACAENAS.

DRACAENA FRAGRANS.

Pots	Doz.
2½-in.	$1.50
3-in.	2.00
4-in.	3.00
5-in.	5.00

DRACAENA INDIVISA.
2-in. pots.....per 100, $3.00, per 1000, $25.00
7-in. pots.....ea., $1.25; doz., 15.00
DRACAENA MASSANGEANA.
6-in. pots .....each, $1.25
DRACAENA TERMINALIS.
3-in. pots .....doz., $1.75
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

BUCKBEE'S "FULL OF LIFE" DRACAENAS.

	Select.	Doz.	100
Indivisa	4-in.	$1.50	$10.00
Indivisa	6-in.	3.50	25.00
Terminalis	2½-in.	1.50	10.00
Terminalis	3-in.	2.00	15.00
Terminalis	4-in.	3.00	20.00

Cash. Prompt express shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses, Rockford, Ill.

DRACAENA INDIVISA.
4½-in. .....$15.00 per 100
5-in. ..... 20.00 per 100
6-in. ..... 35.00 per 100
Crown Point Floral Co., Crown Point, Ind.

Dracaena indivisa. Strong 5-in. pot plants, 10c; 3-in., $3.00 per 100. Buy now.
Wm. Eschrich Co., North Milwaukee, Wis.

Dracaena indivisa, pot-grown. From 5-in. pots, $15.00 per 100; from 4-in. pots, $10.00 per 100. Cash. Queen City Floral Co., Manchester, N. H.

Dracaena indivisa, strong field-grown, 16 to 20 in., 5c; 20 to 24 in., 8c. Bargains.
W. J. Olds, Union City, Pa.

Dracaena terminalis, fine young 2½-in. stock, $10.00 per 100.
Julius Roehrs Co., Rutherford, N. J.

Dracaena indivisa, fine, 4-in. pots, $6.00 per 100. I need room. Cash, please.
Geo. A. Relyea, Poughkeepsie, N. Y.

1000 Dracaena indivisa, field-grown, ready for 5 and 6-in. pots, $10.00 per 100. Cash.
W. & T. Cass, Geneva, N. Y.

3000 Dracaena indivisa. Good strong 2¼-in., 2½c., 3-in., 5c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dracaena indivisa, 2¼-in., $2.00 per 100; 3½-in., $6.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

BUSINESS BRINGERS—
REVIEW Classified Advs.

Dracaena indivisa, 2-in., 1½c; fine plants. Cash.
E. W. Byer, Prop., S. Flo. Co., Shippensburg, Pa.

Dracaena indivisa, 2-in., $2.50 per 100.
Johnson Floral Co., Kendallville, Ind.

Dracaenas, strong. See display adv.
J. W. Miller, Shiremanstown, Pa.

Dracaena indivisa, 3-in., $5.00 per 100; $40.00 per 1000. L. Potter & Sons, Waukegan, Ill.

EUONYMUS.

EUONYMUS VARIEGATA.
Golden and silver leaved.
2½-in. pots .....doz., $0.50
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook. Chicago, Ill.

FERNS.

FERNS MY SPECIALTY.
FERNS FOR FERN DISHES, excellent 2¼-in. stock, in largest and best assortment, $3.00 per 100; $25.00 per 1000.
COCOS WEDDELIANA and KENTIA BELMOREANA. Fine center plants, $1.30 per doz.; $10.00 per 100.
CIBOTIUM SCHIEDEI. Grandest stock ever offered of this most magnificent fern, 3-in., $3.50 per doz., $25.00 per 100; 4-in., $5.00 per doz., $40.00 per 100; 7-in., $1.50; 8-in., $2.25; 9-in., $3.50; 10-in., $4.50; 12-in., $6.50 each.
ADIANTUM CROWEANUM, 4-in., $2.00 per doz.; $15.00 per 100.
ADIANTUM REGINAE and RHODOPHYLLUM, splendid 4-in. stock, $4.50 per doz., $35.00 per 100.
FERN SEEDLINGS. Strong, thrifty stock ready for potting, assortment of ten best fern dish varieties. Undivided clumps, $1.00 per 100, $9.50 per 1000.
ALSOPHILA AUSTRALIS, a very pretty tree fern, 7-in., $1.50; 10-in., $4.00 each.
J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

BOSTON FERNS.

Pots	Each	Doz.	100	1000
2-in.	.....	.....	$ 3.00	$25.00
6-in.	.....	6.00	45.00	.....
7-in.	$0.75	9.00	.....	.....
8-in.	1.00	12.00	.....	.....
9-in.	1.50	18.00	.....	.....

FERN BASKETS.
$1.00 each.
ASSORTED FERNS FOR DISHES.
2-in., $3.00 per 100; $25.00 per 1000.
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

FERNS FOR JARDINIERES for immediate use. Bushy, well grown plants, 6 to 8 best varieties. From 2¼-in. pots, $3.00 per 100, $25.00 per 1000; from 3-in. pots, $6.00 per 100, $55.00 per 1000; from 4-in. pots, $12.00 per 100.
ADIANTUM CUNEATUM, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.
ASPARAGUS PLUMOSUS NANUS, 2¼-in. pots, $3.00 per 100; $25.00 per 1000.
COCOS WEDDELIANA AND KENTIA BELMOREANA, 2¼-in. pots, just right for centers, $10.00 per 100.
CIBOTIUM SCHIEDII, 7-in. pots, $1.50 each.
Thomas P. Christensen, Short Hills, N. J.

NEPHROLEPIS BOSTONIENSIS.
4-inch.....$1.50 doz.; $12.00 100
5-inch..... 3.00 doz.; 20.00 100
6-inch..... 5.00 doz.; 35.00 100
NEPHROLEPIS TODEAOIDES.
This we consider the finest of the crested varieties.
4-inch.....$2.00 doz.; $15.00 100
5-inch..... 3.50 doz.; 25.00 100
6-inch..... 5.50 doz.; 40.00 100
The above ferns are all good, strong, stocky plants, ready for immediate sales. Cash.
Jno. F. Sabransky, Kenton, Ohio.

FERNS FOR IMMEDIATE DELIVERY.
EXTRA GOOD QUALITY STOCK.
BOSTON.

	100		100
4-inch	$10.00	8-inch	$80.00
5-inch	25.00	9-inch	each, 1.25
6-inch	40.00	10-inch	each, 1.50
7-inch	60.00	12-inch	each, 2.00

WHITMANI.

	100		100
6-inch	$45.00	8-inch	$80.00

R. R. DAVIS CO., MORRISON, ILL.

250 FERNS LEFT.
"I received ferns Sat. eve. Well pleased with same. Best I ever had." L. Mitchell, Jr., Pulaski, N. Y. "The last lot was fine. The best I ever got." H. Boat & Sons, Walden, N. Y.
Let me please you as well at the following low prices.
Whitmani, 5-in. 25c
Boston, 6-in. 25c
Boston, bench, for 6-in. 20c
Cash, reference or C. O. D.
A. A. GANNETT, GENEVA, N. Y.

FERN SEEDLINGS IN FLATS ready for immediate delivery. 110 clumps to a flat, $1.50 per flat; 10 flats, $1.25 each. All express orders packed out of flats.
TABLE FERNS in best mixed varieties, from 2¼-in. pots, $30.00 per 1000; 250 at same rate. I have a large stock to select from. Sure to please.
All out of town orders are cash with order, please.
B. SOLTAU FERNERY,
2199 Grant Ave., Jersey City, N. J.

FERNS FOR IMMEDIATE DELIVERY.
EXTRA GOOD STOCK.
BOSTONS.

2¼-in.	$4.00 per 100
3½-in.	7.00 per 100
5-in.	20.00 per 100
Runners	15.00 per 1000

Cash, please.
John Bauscher, Jr., Freeport, Ill.

Ferns. Handsome stock. Boston, Whitmani, Elegantissima compacta, Sprinfieldii, Amerpohlii, Scholzeli. Rooted runners, $1.80 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c. Sample sent for 25c. Satisfaction guaranteed. Ferns are grown at Cleveland, Ohio, plant. 60,000 feet of modern glass devoted to ferns and asparagus. Special prices on large quantities for cash only.
Schneider, Florist, Springfield, Ohio.

EXTRA HEAVY GUARANTEED STOCK.
Boston, 6-in., 40c each.
Scottii, 6-in., 40c each; 5-in., 30c; 4-in., 20c.
Superbissima, 6-in., 40c each; 5-in., 30c; 4-in., 20c.
Fernery ferns, 5 varieties, 2½-in., $3.00 per 100, $25.00 per 1000.
Evenden Bros., Williamsport, Pa.

FERN BARGAINS.
Boston runners, strong.....$15.00 1000
Boston, 2¼-in. 30.00 1000
Amerpohlii, 4-in. 10.00 100
Cash with order.
The above stock is strictly clean and strong.
J. T. Cherry, Athens, Ill.

Ferns. Good, strong, pot-grown Amerpohlii. Elegantissima, Piersoni, Boston and Superbissima, 3-in., $7.00 per 100; 4-in., $12.00 per 100, $110.00 per 1000; 5-in., $18.00 per 100. This is all excellent stock and worth more money but I must have room.
Andrew Peterson, Hoopeston, Ill.

Ferns. Boston, Scottii and Scholzeli, 2½-in., fine stock, ready now, $3.50 per 100; $30.00 per 1000. Fern flats, extra strong plants; Wilsoni, Mayii, Wimsetti and Adiantoides, $2.00 per flat.
R. J. Irwin, 3097 Broadway, New York, N. Y.

FERNS—Continued.

Boston ferns, 6-in. pots, 45c ea., $40.00 per 100. Whitmani ferns, 4-in., 20c ea., $15.00 per 100; 5-in., 30c ea., $25.00 per 100; 6-in., 45c ea., $40.00 per 100; 7-in., 60c ea., $55.00 per 100; 8-in., 75c ea., $70.00 per 100. Ficus elastica, 35c, 50c and 75c ea. Cash, please.
Queen City Floral Co., Manchester, N. H.

BOSTON FERNS.
Fine stock.

3-inch	$ 7.00 per 100
4-inch	12.00 per 100
5-inch	18.00 per 100

Thos. Salveson, Petersburg, Ill.

Boston ferns, first-class stock, for 5, 6, 7 and 8-in., 20c, 25c, 50c and 75c. Whitmani, for 6, 7, 8 and 10-in., 25c, 35c, 50c and 75c. Also large specimen plants from $1.00 up. Scottii, for 6-in., 25c and 35c. Any quantity; 7000 to choose from. Cash. A. E. Monroe, Wellesley Farms, Mass.

Bench ferns. Boston, Elegantissima, 3, 4-in., 6c, 10c. Elegantissima, 5-in., 12c. Whitmani, 3, 4, 5-in., 8c, 12c, 15c. Amerpohlii, 3, 4-in., 8c, 12c. Scholzeli, 3, 4-in., 10c; 4-in., 15c. Cash. Byer Bros., Chambersburg, Pa.

Nephrolepis exaltata Bostoniensis. Booking orders now. Fine, strong runners, $10.00 per 1000. Nephrolepis exaltata, same price as above. Nephrolepis davallioides furcans, strong runners, $2.50 per 100. J. J. Soar, Little River, Fla.

BOSTON FERNS.

4½-in. pots	$15.00 per 100
5-in. pots	20.00 per 100
6-in. pots	40.00 per 100

Crown Point Floral Co., Crown Point, Ind.

Boston ferns for immediate delivery. Good, clean, strong, stocky plants, 4-in., ready for shift, $15.00 per 100; 5-in., ready for shift, $25.00 per 100. Cash with order.
Wirth & Gaupp, Springfield, Ill.

Ferns. Whitmani, Amerpohlii, Piersoni and Elegantissima, 2½-in., $4.00 per 100, $30.00 per 1000; 4-in., 12c; 5-in., 20c; 6-in., 40c. These are fine plants.
Truitt's Greenhouses, Chanute, Kan.

ROOSEVELT FERN—As a winner.

2½-in.	$2.00 per doz.; $15.00 per 100
3-in.	2.50 per doz.; 17.50 per 100

F. O. B. West Grove.
Conard & Jones Co., West Grove, Pa.

Ferns for dishes. Fine, strong plants, ready to pot, six varieties, assorted or separate, out of flats, $1.00 100; $9.00 1000.
Rober & Radke, Maywood, Ill.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. 500 at 1000 rate. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

50 extra fine 6-in. Boston, 35c; the lot $15.00. 6-in. Whitmani and Barrowsii, extra heavy, 40c; 5-in., 30c. 4-in. Whitmani and Boston, 15c.
A. J. Baldwin, Newark, Ohio.

Boston and Whitmani ferns, 3-in., $7.00 per 100; 4-in., $12.00 per 100. Good strong stock ready to shift.
Momence Greenhouse, Momence, Ill.

Fern dish ferns. Heavy 2¼-in. pot plants, $3.00 per 100; $25.00 per 1000. Boston ferns, 5-in. pots, $25.00 per 100; 6-in., $40.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

FERNS FOR FERN DISHES.
Five leading varieties. Strong 2½-in. stock, guaranteed quality, $3.00 per 100; $25.00 per 1000. Evenden Bros., Williamsport, Pa.

Ferns. Boston, 2¼-in., 4c. Whitmani, 2¼-in., 5c. Elegantissima, Piersoni and Whitmani, 3-in., 8c; 4-in., 12½c; 5-in., 25c.
Mosbæk Greenhouse Co., Onarga, Ill.

Ferns for dishes, mixed varieties, extra heavy 2-in. stock from spring seedlings. $3.00 per 100. Cash.
N. E. Beck Floral Co., Massillon, O.

Ferns. Whitmani, 4-in., strong, ready for 5 and 6-in., 20c and 25c. Boston, 5-in., 20c and 25c. Fine pot grown ferns, sure to please. Cash.
H. S. Brandt, York, Pa.

A fern bargain, to make room—Boston, Foster and Whitmani ferns in 6, 7 and 8-in. pots, heavy, about 75 plants left, $18.00 the lot.
J. P. Siebold, Lancaster, Pa.

Whitmani, very handsome stock, 35 to 50 fronds, 18 to 24 in. spread, 40c, 50c, 60c. Cyrtomium falcatum (holly fern), 4-in., 15c. Cash. N. A. Corlin, Elberon, N. J.

Ferns for dishes. For special prices see display adv.
John Irvine & Sons, Bay City, Mich.

Ferns. Scottii and Scholzeli, 5-in., $18.00 per 100; 2½-in., $4.00 per 100.
E. H. Frenking, Ingham Ave., Trenton, N. J.

Boston ferns, 4-in., 7 to 9 fronds, this is good strong stock, $8.00 per 100; $75.00 per 1000.
H. C. Brown, Yellow Springs, Ohio.

Boston ferns, grown for our own use but have too many; 4-in., 15c; 5-in., 35c; 6-in., 50c; $6.00 per doz. D. R. Herron, OLEAN, N. Y.

Ferns for dishes, assorted varieties. Strong 2¼-in., $3.00 per 100. Cash, please.
L. Rush, 135 34th St., Detroit, Mich.

Ferns, strong bench stock. Boston and Whitmani, 15c, 20c, 25c and 30c.
R. R. Davis Co., Morrison, Ill.

Boston ferns, strong runners, $10.00 per 1000. Write for special prices on 5,000 to 20,000 lots.
F. M. Soar, Little River, Fla.

Ferns. Boston, pot-grown, fine stock, 3-in., $7.50 100; 4-in., $15.00 100; 5-in., $20.00 100.
Swan Peterson Floral Co., Gibson City, Ill.

Boston ferns, just right for holiday work, 4-in., 15c; 5-in., 25c. Baur Floral Co., Erie, Pa.

Boston fern runners, 2 to 4 leaves, $2.00 per 100. P. Pearson, 5734 Gunnison St., Chicago.

S. A. Nutt geranium rooted cuttings, $1.00 per 100. Cash. E. T. Wanzer, Wheaton, Ill.

Whitmani ferns out of 4-in., fine plants, $10.00 per 100. J. C. Schmidt, Bristol, Pa.

Boston ferns, 2½-in. stock, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

FEVERFEW.

Feverfew, double white, from 2-in. pots, $2.50 per 100, $20.00 per 1000; rooted cuttings, $2.00 per 100; $18.00 per 1000.
A. E. E. Koch, Nobscot, Mass.

Feverfew Little Gem, $1.25 per 100; $10.00 per 1000. Express prepaid.
C. Humfeld, Clay Center, Kan.

Feverfew Gem R. C., $1.00 per 100. Cash.
Byer Bros., Chambersburg, Pa.

FORGET ME NOTS.

Myosotis Elizabeth Fonrobert, true stock, the best kind for winter blooming. Well rooted cuttings, no seedlings, ready for bench, $1.50 per 100; $10.00 per 1000. Extra strong plants from bench, $2.50 per 100; $15.00 per 1000. Cash, please. W. A. Finger, Hicksville, L. I., N. Y.

Winter flowering myosotis, transplanted, July sown, $3.00 per 100. Cash.
Ehmann's, Corfu, N. Y.

Forget-me-nots, lovely blue. Large plants, 35c per 100; $2.50 per 1000.
J. C. Schmidt, Bristol, Pa.

FUCHSIAS.

Fuchsias, assorted vars. R. C., $1.50 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

GARDENIAS.

Gardenia Veitchii. 3000 extra fine plants in 4-in. pots, $8.50 100; $85.00 1000.
The Hammond Co., Inc., Richmond, Va.

GENISTAS.

Genista racemosa, 6-in. pot plants, $25.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

Genistas. R. C., $1.50 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

GERANIUMS.

GERANIUMS.
S. A. Nutt, Montmort, DeFrance, Dble. White 2¼-in., $2.00 per 100; $18.00 per 1000.
Rooted cuttings, $12.00 per 1000.
Ricard and Viaud,
2¼-in., $2.25 per 100; $20.00 per 1000.
Rooted cuttings, $14.00 per 1000.
SCENTED GERANIUMS.
2¼-in., $2.00 per 100.
Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses. Dayton, O.

GERANIUMS.

2½-in.	$20.00 per 1000
Rooted cuttings	12.50 per 1000

We have the following varieties: Nutt, Ricard, Poitevine, Jean Viaud, Gloire de France, Perkins, La Favorite, Grant, Mme. Landry, Col. Thomas, Conover and several others. Send your orders now. Terms cash, please.
Swan Peterson Floral Co., Gibson City, Ill.

ROOTED GERANIUM CUTTINGS.
We still have about 50,000 unsold for delivery Nov. 20 to 30. Order now and be sure of the stock. S. A. Nutt (greatest dark red), Double Grant (most satisfactory scarlet bedder), Mme. Buchner (double white), $1.25 per 100; $12.00 per 1000. Beaute Poitevine (salmon), $1.50 per 100; $15.00 per 1000.
W. T. Buckley Co., Springfield, Ill.

Geranium rooted cuttings, A No. 1. S. A. Nutt, Buchner, La Favorite, Doyle, Viaud, Perkins, Tiffany, $11.00 per 1000. Poitevine, Ricard, Trego, $14.00 per 1000. All of the above varieties mixed, $9.00 per 1000. 2-in. stock of all of the above named varieties, $2.00 per 100; $18.00 per 1000. D. R. Herron, OLEAN, N. Y.

GERANIUM ROOTED CUTTINGS.

S. A. Nutt	$11.50 per 1000
Ricard	14.00 per 1000
Poitevine	14.00 per 1000

Well packed. We have no other varieties.
Albert M. Herr, Lancaster, Pa.

GERANIUM ROOTED CUTTINGS.
S. A. Nutt, Buchner, Grant, $12.00 per 1000. Doyle, Viaud, Castellane, Poitevine, Ricard, Jaulin and Perkins, $14.00 per 1000. Cash with order.
FRED W. RITCHY, LANCASTER, PA.

GERANIUMS.
S. A. NUTT, MONTMORT, DBLE. WHITE.
Rooted cuttings, $10.00 per 1000.
2-in., $2.00 per 100; $18.00 per 1000.
Cash with order.
Henry Dornbusch, R. D. 2, Dayton, O.

GERANIUM ROOTED CUTTINGS.
READY FOR SHIPMENT.
Nutt, Buchner and Doyle, $12.00 per 1000; Castellane, Ricard and Viaud, $14.00 per 1000. Cash with order.
PETER BROWN, LANCASTER, PA.

Nutt Geranium rooted cuttings, $12.00 per 1000. Erie Floral Co., Erie, Pa.

Geranium cuttings, well rooted. S. A. Nutt, Buchner, Montmort, $1.25 per 100; $10.00 per 1000. Poitevine and Ricard, $1.50 per 100; $12.50 per 1000. Cash with order.
C. B. Shisler, Williamsville, N. Y.

Geranium rooted cuttings in large quantity. Nutt, Poitevine, Viaud, Doyle, Buchner, etc., for November and later delivery. Orders booked now.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Geranium rooted cuttings. Hill, Buchner, Double Grant, Doyle and mixed, $11.00 per 1000. Castellane, Ricard, $14.00 1000. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

Geranium rooted cuttings. S. A. Nutt, La Favorite, all A 1, good, strong, well rooted stock from sand, $12.50 1000. Cash with order please. Fred C. Greene, Oil City, Pa.

Geranium rooted cuttings. Dewey, a good double red, $10.00 per 1000. Also a good double pink Ivy geranium at $10.00 per 1000.
E. H. Frenking, Ingham Ave., Trenton, N. J.

Geranium rooted cuttings. Double Gen. Grant and Buchner, $1.00 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

Geraniums. S. A. Nutt, Mme. Buchner, Poitevine, Le Cid, 2¼-in., $2.50 per 100; $20.00 per 1000. So. Bend Floral Co., So. Bend, Ind.

Geraniums. S. A. Nutt, strong 2-in., $2.00 per 100; $18.00 per 1000. Cash.
J. J. Soper, Rockford, Ill.

Geranium rooted cuttings. Nutt, $1.00 per 100. Jean Viaud, Ricard, $1.25 per 100.
Jacob Doerrer, Cedar St., Columbia, Pa.

Geranium Mme. Sallerol. Strong cuttings from soil, 75c per 100; $7.00 per 1000.
J. L. Johnson, DeKalb, Ill.

Geranium rooted cuttings. Ricard and Nutt, $12.50 per 1000.
G. E. Fink, Kenilworth, N. J.

Rooted geraniums. S. A. Nutt, $11.50 per 1000. Cash with order.
C. F. Treichler, Sanborn, N. Y.

Geraniums. Single Grant, 2¼-in. pots, to close out, $1.50 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

We have a surplus of Buchner rooted geranium cuttings at $8.00 per 1000. Cash.
Cherry Park Gardens, Fredonia, N. Y.

Geraniums. Nutt, Ricard, Poitevine, La Favorite, Perkins, Castellane, 2-in., $2.50 per 100.
John Irvine & Sons, Bay City, Mich.

Geraniums. S. A. Nutt and standard varieties, 2½-in., $2.50 per 100; $20.00 per 1000. Cash.
H. G. Norton, Perry, O.

Geraniums. Ricard, Poitevine, Castellane, Nutt, La Favorite, fine 2¼-in. stock, $2.00.
S. M. Harbison, Danville, Ky.

Geraniums, mixed, from rooted cuttings to 4-in. stock, any size, $1.00 to $4.00.
Mercer Floral Co., Bowling Green, O.

Geraniums, S. A. Nutt, A. Ricardi, F. Perkins, 2-in., $2.00 per 100. Cash with order.
Marion Floral Co., Marion, Ind.

Geraniums, 2¼-in., $2.00 per 100.
W. W. Dederick, Warsaw, Ind.

Geraniums. Nutt and Mme. Sallerol, fine 2¼-in., 2¼c. Hammerschmidt & Clark, Medina, O.

Geraniums. Rooted cuttings all sold until November. Rudolf Nagel, Lancaster, Pa.

GLADIOLI.

Gladiolus White Lady, 1st size, $12.00 per 100. America, 1st size, $5.00; 2nd size, $3.00 per 100. Mixed, $5.00 per 1000. Cash.
Haentze Co., Fond du Lac, Wis.

Gladiolus Pink Beauty for forcing, $2.00 100; $18.00 1000. Cash. Also florists' mixture, America, Francis King, Augusta, etc.
Stevens Gladioli Co., Saginaw, W. S., Mich.

Gladioli. Fine bulbs of King, Independence, May, Klondyke, Alice Carey, Pres. Taft and the best mixtures. Prices cheap for cash.
G. B. Babcock, R. D. 80, Jamestown, N. Y.

Gladiolus bulbs for forcing, mixture and named varieties.
W. E. Kirchhoff Co., Pembroke, N. Y.

Gladioli, 1¼-in. and up. Augusta and May, $12.50 per 1000; America, $25.00 per 1000. Cash.
W. Frank & Sons, Portland, Ind.

Gladioli. Klondyke, ½-in., $1.00 per 100; ¾-in., $1.50; 1-in., $2.00. Taconic, same price.
C. W. Brown, Ashland, Mass.

Gladioli. Blushing Bride nd The Bride, 60c per 100; $5.00 per 1000.
Storrs & Harrison Co., Painesville, O.

America gladiolus bulbs and bulblets now ready for fall shipment. Write for prices.
B. B. Currier, Seabright, Calif.

Gladioli. All the best ones in quantity.
Nat'l Cooperative Show Gardens, Spencer, Ind.

Special offer on Augusta. Big bargain.
C. H. Ketcham, N. S. D., So. Haven, Mich.

GNAPHALIUMS.

GNAPHALIUM LANATUM.

2-in.	$2.00 per 100
Rooted cuttings	6.00 per 1000

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

GREVILLEAS.

Grevillea robusta, 4-in., strong, bargain at 12c.
W. J. Olds, Union City, Pa.

GUAVAS.

Strawberry guavas, 4-in., $10.00 per 100.
Orange County Ornamental Nursery, Fullerton, Calif.

HARDY PLANTS.

Hollyhocks, dble. pink, yellow and red, also single mixed, ¾c. Canterbury bells, single mixed; Gaillardia grandif., 50c 100. Cash.
E. W. Byer, Prop., S. Flo. Co., Shippensburg, Pa.

Hardy pinks, fine plants, 50c per 100; $4.00 per 1000. J. C. Schmidt, Bristol, Pa.

HELIOTROPES.

HELIOTROPES.

Rooted cuttings .....$6.00 per 1000
2-in. pots ..... 2.00 per 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Heliotropes, blue. R. C., 75c per 100; 2-in., 1½c; 3-in., 3c. Cash.
E. W. Byer, Prop., S. Flo. Co., Shippensburg, Pa.

Heliotrope rooted cuttings, 75c per 100, mailing 10c; 2¼-in., 3c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

BUSINESS BRINGERS—
REVIEW Classified Advs.

Heliotropes, strong 2½-in., $2.00 per 100.
Thos. Salveson, Petersburg, Ill.

Heliotropes, purple, 2-in., 2c.
Hammerschmidt & Clark, Medina, O.

HELLEBORUS.

HELLEBORUS NIGER.

The Christmas rose. Strong blooming clumps, sure to please, $22.00 per 100; smaller plants, $18.00 per 100. Cash with order.
The Kaber Co., La Porte, Ind.

HIBISCUS.

25 5-in. Hibiscus Peachblow, $12.00 100.
Thos. Salveson, Petersburg, Ill.

HOLLYHOCKS.

Hollyhocks, double; separate colors. Fine field-grown plants that will bloom next season, 75c per 100; $5.00 per 1000. J. C. Schmidt, Bristol, Pa.

Double hollyhocks, in separate colors, $3.00 per 100. U. G. Harglerode, Shippensburg, Pa.

HONEYSUCKLES.

Honeysuckle, Hall's Japan, 1-yr.-old.
H. P. Nenn, 941 South Ave., Rochester, N. Y.

HYDRANGEAS.

Hydrangea Otaksa, fine pot grown stock, 4-in., 2 to 3 shoots, $15.00 per 100; 5-in., 2 to 3 shoots, $20.00 per 100; 6-in., 3 to 5 shoots, $35.00 per 100.
Hydrangea Otaksa, field-grown. Extra specimens for large tubs, 12 to 15 shoots, $1.00 each.
Storrs & Harrison Co., Painesville, Ohio.

	Per 100
Hydrangea Otaksa, 6-in., 3 to 6 crowns	$30.00
Hydrangea Otaksa, 5-in., 3 to 5 crowns	20.00
Hydrangea Otaksa, 4-in., 2 to 5 crowns	12.50
Hydrangea Thos. Hogg, 4-in., heavy plants	10.00

J. WILLIAM COLFLESH'S SONS,
53rd & Woodland Ave., Philadelphia, Pa.

Hydrangea Otaksa, pot-grown, 6-in., 6 to 10 shoots, $3.50 doz., $25.00 100; 5-in., 3 to 6 shoots, $2.00 doz., $15.00 100; 4-in., 2 to 3 shoots, $1.50 doz., $10.00 100; 2¼-in., $3.00 100; rooted cuttings, $1.50 100.
G. E. Fink, Kenilworth, N. J.

Hydrangea Otaksa, pot-grown, 3-in., 10c; 4-in. to 10-in., from 2 to 20 shoots, to bloom for Easter, 20c to $2.00 each. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

Hydrangea Otaksa, field grown. 1 crown plants, 6c; 2 crown, 8c; 3 crown, 10c.
Baur Floral Co., Erie, Pa.

Hydrangea Otaksa, field-grown, 1 shoot, 6c; 2 shoots, 10c; 3 shoots, 15c.
Erie Floral Co., Erie, Pa.

Hydrangea Otaksa, 3-in., will bloom this season, $4.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Hydrangea arborescens grandiflora alba, large 2-yr. field-grown, $12.00 per 100.
Geo. H. Mellen Co., Springfield, O.

Strong, field-grown Hydrangea Otaksa, 3 to 5 shoots.
H. P. Nenn, 941 South Ave., Rochester, N. Y.

IMPATIENS.

200 4-in. Impatiens Sultani, nice, clean, large, in bloom, 10c each. Cash.
C. W. Harrold, Decatur, Ill.

Impatiens Sultani, R. C., $1.00 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

Impatiens Sultani, red, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, O.

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IRIS, GERMAN. Pure white, lemon, purple and bronze, separate, $2.50 per 100. Mme. Chereau, light blue, $3.00 per 100.
John D. Imlay, Zanesville, Ohio.

Irises, Japanese, 50 varieties, $3.50 per 100.
Gilbert Costich, Rochester, N. Y.

IVIES.

ENGLISH IVY.

3-in. pots .....doz., $0.75
4-in. pots .....doz., 1.50

GERMAN IVY.

2-in. pots .....$2.00 per 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

German ivy. R. C., 50c per 100, mailing 10c; 2¼-in., 2½c.
English ivy, 2½-in., 4c; R. C., $1.00 100, $9.00 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

German ivy, 2¼-in., $1.50 per 100; rooted cuttings, 60c per 100, $5.00 per 1000.
L. H. DORNBUSCH
Hills and Dales Greenhouses, Dayton, O.

Ivies. German, R. C., 60c 100. Kenilworth, R. C., 60c 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

English ivy, strong plants from 2½-in. pots, $4.00 per 100.
Geo. H. Mellen Co., Springfield, Ohio.

English ivy, R. C., $1.00 100; mailing 10c.
R. S. Hoxie, Mattapoisett, Mass.

English ivy, 3-in., $5.00 per 100. Orange County Ornamental Nursery, Fullerton, Calif.

LANTANAS.

LANTANA DELICATISSIMA.

2-in. .....$2.00 per 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Weeping lantanas. Strong plants from 2½-in. pots, $3.00 per 100.
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Lantanas, 2-in., $2.00.
Mercer Floral Co., Bowling Green, O.

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Lily of the valley, cold storage, for Christmas flowering, $1.75 per 100; $15.00 per 1000. Chicago Market Brand, $2.00 per 100; $16.00 per 1000.
H. N. Bruns, 3038 W. Madison St., Chicago.

LOBELIAS.

Lobelia Kathleen Mallard, the new double. I have 50,000 extra large and well rooted cuttings, transplanted into soil, and if you want good, clean, healthy stocks for spring trade, order now. Well packed to stand any weather; satisfaction guaranteed. 65c per 100, by mail; $4.50 per 1000, by express.
S. A. Pinkstone, York & Hickory, Utica, N. Y.

Lobelia Kathleen Mallard, the new double. Rooted cuttings from soil, 65c per 100 by mail; $4.50 per 1000 by express.
Whitton & Sons, City & Green, Utica, N. Y.

LUPINES.

Lupines, mixed, 2-in. pots, $2.00 per 100. For labeled varieties write us.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

NURSERY STOCK.

Altheas	Philadelphus
Barberries	Privet
Deutzias	Spiraeas
Forsythias	Weigelias
Hydrangeas	Virburnums

Write for price list.
Conard & Jones Co., West Grove, Pa.

Lilacs for forcing and gardens. Marie Legraye, Charles X. Mme. Lemoine, Souv. de L. Spaeth, Mme. Casimir Perier, Marley Rouge.
Conifers, large trees in variety.
Description and price on application.
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My catalogue for 1911 of native trees, shrubs, bulbs and plants is now ready to mail.
L. E. Williams, Exeter, N. H.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS.
ELLWANGER & BARRY, ROCHESTER, N. Y.

PALMS, ETC.

"FULL OF LIFE" CLEAN, HEALTHY STOCK.

	Select.	Doz.	100
Pandanus Veitchii	8-in.	$3.50	$25.00
Pandanus Veitchii	4-in.	5.50	45.00
Kentia Belmoreana	4-in.	5.00	35.00
Kentia Forsteriana	4-in.	5.00	35.00

Cash. Prompt express shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses, Rockford, Ill.

PALM SALE.

We have some 1000 palms, from 4-in. up to 8-in. pots, of Kentia (both varieties), Latania borbonica, Phoenix (two varieties), which we want to close out at once. Will make a close cash price to any one that is able to handle the lot, or will sell in dozen lots. Send for list.
Chillicothe Floral Co., Chillicothe, O.

2000 2¼-inch Kentia Belmoreana.
500 3-inch Kentia Forsteriana.
1000 2¼-inch Chamaerops Excelsa.
200 2¼-inch Phoenix reclinata.
500 2¼-inch Latania borbonica.
$150.00 cash takes the lot.
GEO. JUST. JACKSONVILLE, FLA.

Kentia Belmoreana from 2¼-in. pots, 3 leaves, $6.00 per 100; $55.00 per 1000. Cash or satisfactory references with order.
B. Soltau Fernery,
199 Grant Ave., Jersey City, N. J.

ARECA LUTESCENS.

Pots	Doz.	100
3-in., 3 plants in pot	$2.00	$15.00

COCOS WEDDELIANA.

2-in. pots	doz.,	$1.75; 100,	$14.00
3-in. pots	doz.,	2.50; 100,	20.00

KENTIA BELMOREANA.

Pots	Height	Leaves	Each	Doz.	100
2½-in.	8-in.	4	.....	$ 1.50	$12.00
3-in.	8 to 10-in.	4 to 5	.....	2.00	15.00
4-in.	12 to 15-in.	4 to 5	.....	3.60	30.00
5-in.	18 to 20-in.	5 to 6	$ 0.75	9.00	.....
7-in.	28 to 30-in.	6 to 7	2.50	30.00	.....
7-in.	40 to 44-in.	6 to 7	4.50	.....	.....
8-in.	44 to 45-in.	7 to 8	5.50	.....	.....
9-in.	48 to 50-in.	7 to 8	8.00	.....	.....
9-in.	50 to 54-in.	7 to 8	10.00	.....	.....

KENTIA FORSTERIANA.

Pots	Height	Leaves	Each	Doz.
2-½-in.			.....	$ 1.50
3-in.			.....	2.00
4-in.			.....	3.60
5-in.			.....	5.00
5-in.	20 to 24-in.	4 to 6	$0.75	9.00
6-in.	30 to 35-in.	4 to 6	1.00	12.00
7-in.	36 to 38-in.	5 to 6	2.50	.....
8-in.	40 to 42-in.	5 to 6	4.50	.....
9-in.	46 to 50-in.	6 to 7	7.00	.....

MADE-UP PLANTS.

Pots	Height	Plants in pot	Each
7-in.	24 to 30-in.	3 to 4	$ 2.50
9-in.	50 to 54-in.	3 to 5	8.00
10-in.	58 to 60-in.	4 to 5	10.00
12-in.	62 to 70-in.	4 to 5	15.00

LATANIA BORBONICA.

2-in., 1 to 2 leaves.	per 100,	$3.00; per 1000,	$25.00
4-in. pots	per doz.,	3.00; per 100,	20.00
5-in. pots	per doz.,	5.00; per 100,	40.00

PANDANUS UTILIS.

3-in. pots	per doz.,	$2.00

PANDANUS VEITCHII.

4-in. pots	each,	$0.50; per doz.,	$ 5.50
5-in. pots	each,	.75; per doz.,	9.00
6-in. pots	each,	1.00; per doz.,	12.00

PHOENIX CANARIENSIS.

7-in. pots, 36 to 40-in. high	each,	$ 2.50
10-in. pots, 50 to 54-in. high	each,	8.00
10-in. pots, 60 to 64-in. high	each,	10.00

PHOENIX RECLINATA.

4-in. pots	each,	$0.25;	dos., $3.00;	100, $20.00
5-in. pots	each,	.50;	doz., 5.00	
6-in. pots	each,	.75;	doz., 9.00	

PHOENIX ROEBELENII.

Pots	Each	Doz.	100
2½-in.	.....	$2.00	$15.00
3-in.	.....	3.00	22.50
5-in.	.....	9.00	70.00
6-in.	$2.00	.....	.....
7-in.	2.50	.....	.....

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Palms for growing on. 80,000 Kentia Belmoreana, strong, vigorous, cool grown plants, free from bug or scale, 6 to 9 in. high, $20.00 1000, $175.00 10,000 f. o. b. Glasgow, for bank draft or postal order only, and offered so far as unsold.
Findlay Bros., Baillieston, Glasgow, Scotland.

Pandanus Veitchii, 3-in. pots, $10.00 per 100; 4-in., $20.00 per 100; bench-grown, 10 in. high, $10.00 per 100; 15 in. high, $15.00 per 100.
J. J. Soar, Little River, Florida.

Areca intescens, 4-in. pots, 3 plants to a pot, 15 to 20 in. high, $3.00 per doz.; $22.50 per 100.
F. Ziegeler, Jr., 6037 Hurst, New Orleans, La.

Pandanus Veitchii, bench-grown plants, 10 in. high, $10.00 per 100; suckers, $4.00 per 100.
F. M. Soar, Little River, Fla.

Kentias. Big stock. Write for prices.
Walter & Hunkel Co., Milwaukee, Wis.

PANSIES.

HOME OF PANSIES.

Our growing crops of pansies for seed were greatly admired by all florists who saw them this last summer. All said they were grand—some said they were the best they had ever seen. We reserved over 50,000 of our best for seed growing and they certainly were a pretty sight. We are improving on them annually, and have a fine lot of red, red shades and other crosses of our own origin and nearly all colors and shades found in pansies. We started a few for a test very early and they have surprised us as to coloring and size of flowers; showing improvement over parent stock. You cannot go wrong if you place your order with us. If, upon blooming, you are not perfectly satisfied I will return every cent you paid for them. I made this same offer last year and had not a kick and I am better prepared to make it now than I was then. Our plants are in excellent shape owing to the good growing weather this fall; they are twice as heavy as last year and too large to go by mail. Our packing is right, we land them safe in Louisiana, Florida, California and other distant points. Have a large stock, all strong, sturdy, field-grown. Am receiving numerous testimonials and now have a large list of annual customers. Our collection contains no black, unless so ordered. We have a good stock of black which we keep separate. We can also supply, separate, Masterpiece, Giant Mme. Perret and Giant Prize Trimardeau; also blood red and Golden Queen, separate. All at the same price, $2.50 1000; 5000, $10.00. Liberal count.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

50,000 pansy plants, Vaughan's International, cold frame grown, every one a perfect plant ready to transplant, 50c per 100; $3.00 per 1000. Ready now.
W. E. Trimble Greenhouse Co., Princeton, Ill.

PANSIES—Continued.

PANSY PARK PERFECTION is the most thoroughbred strain of giant show and fancy pansies, the flowers of largest size and most perfect form. It contains over 75 varieties, the reds, bronzes and best fancy sorts in large proportion. I have made the growing of pansy seeds and plants a specialty for nearly 40 years. Special attention given to long distance orders and delivery in good condition guaranteed to any part of the U. S. Lightly packed and billed through at lawest rates. Samples of what others say—"Pansy plants arrived in best possible condition and as to quality, were strong, sturdy, well rooted. I have bought from you for the last 4 years and have never seen such a variety of colors. I used to buy the very best seeds and plants possible but I have never been able to procure anything to equal yours." C. C. Wonneman, Mexico, Mo. "Your pansies were fine and were enjoyed by thousands of people from every state in the Union." J. C. Evans, Supt., Stratton Park, Colorado Springs, Colo. If you want more proof see testimonials in my previous advs. in Review. An immense stock of fine field-grown plants from seed, sown thinly broadcast, so that each plant has plenty of room to grow stocky and strong with extra good roots. All varieties, mixed, 1000, $3.00; 500, $1.75; 5000, $14.00; 10,000, $27.00. Cash.
L. W. Goodell, Pansy Park, Dwight, Mass.

PANSIES.
BROWN'S IMPROVED
GIANT PRIZE PANSY PLANTS.
Mixed colors, $2.50 per 1000.
Cash with order.
PETER BROWN, LANCASTER, PA.

It has cost hundreds of dollars and 18 years time to upbuild Mastodon pansies, but they are worth all they cost. 1 oz., $9.00; 1/12 oz., $1.00. Plants, $3.00 1000; 50c 100, prepaid.
Steele's Mastodon Pansy Gardens, Portland, Ore.

An offer of your surplus stock, carried in THE REVIEW'S classified department for a week or two will be seen by nearly every buyer in the trade.

Pansies, strong transplanted, for flowering in greenhouse, best sorts, $2.00 per 100.
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Choice pansy plants, July sown, ready now, no better mixture, 50c 100; $4.00 1000.
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Pansy plants, grown from the finest giant mixtures, $3.00 per 1000. Cash. No order less than 500. John Lappe, Maspeth, L. I., N. Y.

PELARGONIUMS.

Pelargoniums, 2½-in. stock, named varieties, 20 best varieties grown. Our selection, $5.00 per 100; your selection, $7.00 per 100. Cash with order. Will exchange for any variety we do not have. The Newburys, Mitchell, S. D.

Pelargoniums, assorted varieties, 2-in., ready for shift, $3.00 per 100.
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Pelargonium Robert Green, 2½-in., $4.00 per 100. Johnson Floral Co., Kendallville, Ind.

PEONIES.

Peonies in separate colors, including early and late blooming kinds, in white, pink, rose and red; equal amounts of same or in separate colors. Heavy divisions, $1.50 per doz., $7.50 per 100; $65.00 per 1000; medium, $5.00 per 100; $45.00 per 1000; small, $3.00 per 100; $25.00 per 1000. Cash, please.
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Peonies in any quantity. Write for prices on list of your wants.
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Peonies, 40 best commercial varieties. Strong plants, $5.00 per 100 and up.
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Peonies. Excellent stock, leading commercial varieties. Wild Bros Nursery Co., Sarcoxie, Mo.

Peonies only, by the wholesale. Best 100 varieties. J. F. Rosenfield, West Point, Neb.

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Peperomias, silver striped, 2½-in., $3.50 per 100; $30.00 per 1000.
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PETUNIAS.

Dreer's double petunias, 6 choicest colors and varieties; just what you need for propagating, 3-in., 5c. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

2000 D. petunias, $2.00 per 100.
Mercer Floral Co., Bowling Green, O.

Petunias, double red, pink, variegated, 2¼-in., 3½c. Hammerschmidt & Clark, Medina, O.

POINSETTIAS.

Poinsettia headquarters. Best time now for panning. Good, strong stock for immediate delivery; all top cuttings. 2½-in., strong plants, $4.00 100. $35.00 1000; 3-in., $10.00 100; 4-in., $15.00 100. Cash, please.
Rober & Radke, Maywood, Ill.

Poinsettias, August propagated, just right for pans, 2½-in., $4.00 per 100.
John Irvine & Sons, Bay City, Mich.

Poinsettias, strong 2½-in., $4.00 per 100; $35.00 per 1000. 250 at 1000 rate.
Krueger Bros., Toledo, Ohio.

Poinsettias, 2½-in., 5c.
Erie Floral Co., Erie, Pa.

PRIMULAS.

Primulas. Obconica grandiflora, fringed, Ronsdorfer and Lattmann's strain, in following colors: kermesina, rosea, lilacina and alba, from 4-in. pots, assorted, 7c. Gigantea, Arendsi strain, in same colors as above, assorted, 4-in., 8c. This stock is all strong, with heavy crowns, some in bud and bloom. Sample mailed for 10c or a bloom sent free on request. Cash or satisfactory reference. C. F. Mahan, R. D. 8, Dayton, O.

PRIMULA OBCONICA.
3-in. pots .....per 100, $6.00
PRIMULA SINENSIS.
4-in. pots .....per doz., $1.50; per 100, $10.00
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Primulas. Obconica and Forbesi, strong 2-in., ready for 4-in. pots, $1.50 per 100. Chinese, 4-in., $8.00 per 100. Obconica, 4-in., $6.00 per 100. All the above are A No. 1. Order now and get stock you will be pleased with. We defy all competition. Ferns, cash with order.
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Primula obconica. Pink, 2½-in., $3.00 per 100; 3-in., $6.00 per 100. Red, 2½-in., $3.00 per 100; 3-in., $6.00 per 100.
These primulas have been grown from a fine strain of seed and are extra nice.
Geo. H. Mellen Co., Springfield, Ohio.

Primula obconica gigantea, our Royal mixture. Strong stock, in bud, ready for shift, 2½-in., $2.75 100. Kewensis, also in bud, 2½-in., $2.50; 3-in., $5.00; 4-in., $8.00 100. Cash.
Freeport Floral Co., Freeport, Ill.

Chinese primroses, finest fringed, mixed colors, 3-in., $4.00; 2-in., $2.00; 4-in., $6.00 per 100. Kewensis, 3-in., $3.00. Extra good plants. Cash.
M. S. Etter, successor to John F. Rupp, Shiremanstown, Pa., The Home of Primroses.

Primula obconica, Ronsdorfer strain, in bud and bloom, 3½-in., 6c; 4½-in., 10c. Chinese primulas, good colors, in bloom, 4½-in., 10c. Positively cash with order.
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Chinese primroses, a superb strain, large fringed flowers, many colors equally mixed, in bud and bloom, 4-in., $6.00 per 100.
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Primula obconica, rosea, grandiflora, alba and carminea, from 2½-in., strong plants, $3.00 per 100.
H. P. Neun, 941 South Ave., Rochester, N. Y.

Primula obconica grandiflora, Ronsdorfer and Lattmann's unrivalled hybrids, 14 colors, mixed, 3-in., 4½c. P. Malacoides, 3-in., 8c.
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Primroses. Chinese, Forbesi, obconica, alba and rosea, $2.00 per 100. Obconica gigantea, $3.00 per 100; $25.00 per 1000. Ready now. Cash. Jos. H. Cunningham, Delaware, Ohio.

Primula obconica, best large flowering strain. Strong, 2½-in. pot plants, $3.00 per 100; $25.00 per 1000. Cash with order. 500 at 1000 rate.
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P. obconica grandiflora, alba, rosea, lilac, hybrida, rubra, compacta, Forbesi, 2c; sanguinea, carmine, gigantea, 2½c. All 2-in. pots. Cash.
Byer Bros., Chambersburg, Pa.

Primroses, Chinese, fringed, mixed, and obc. grandif., fringed mixed. Fine strains, ready for 3-in., bargains, 1¾c. Cash.
E. W. Byer, Prop., S. Flo. Co., Shippensburg, Pa.

Primula obconica, strong plants. Gigantea, rosea and kermesina; grandiflora, rosea, permesina and alba, 2-in., 2½c; 3-in., 6c. Kewensis, 2-in., 2½c. Cossairt & Sons, Shelbyville, Ind.

Primula obconica gigantea, assorted colors, 100 fine thrifty plants, in bud and bloom, from 3-in. pots, ready for a shift, $6.00.
M. A. Clark, Ellsworth, Maine.

Primula obconica, all the best strains. Extra fine plants, 2¼-in., $2.75 per 100. Cash, please.
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Chinese primulas, 3-in., ready to shift, 5c. Primula kermesina, 3-in., ready to shift, 5c.
U. G. Hargierode, Shippensburg, Pa.

Primula obconica, best strain, pink, red and white, 3-in., 5c. Cash, please.
Rober & Radke, Maywood, Ill.

Primulas, Chinese and obconica, 2½-in., $2.00 per 100; 300 for $5.00.
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Primula obconica gigantea (Arendsi), $3.00 per 100.
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Primroses, obconica, 2¼-in., $2.00 per 100; 3-in., $3.00 per 100; 4-in., $6.00 per 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

Primroses. See my display adv. before you buy.
J. W. Miller, Shiremanstown, Pa.

PRIVET.

CALIFORNIA PRIVET.

2-yr., 12 to 18 in., 5 to 8 branches	$10.00 1000
2-yr., 18 to 24 in., 5 to 8 branches	12.50 1000
2-yr., 2 to 3 ft.	15.00 1000
2-yr., 3 to 4 ft.	20.00 1000
1-yr., 2 to 3 ft., 3 to 5 branches	12.00 1000

TRUE EVERGREEN AMOOR RIVER.

18 to 24 in., well branched	$17.50 1000
2 to 3 ft.	25.00 1000
3 to 4 ft.	30.00 1000

SOUTHSIDE NURSERIES, CHESTER, VA.

200,000 2-yr. Cal. privet, all sizes, $1.50 per 100 and up. Large stock Ampelopsis Veitchii, Clematis paniculata, hydrangeas, etc. Get my list.
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75,000 2-yr. California privet, cut back once and well branched, 18 to 24 in., $12.00 per 1000; 2 to 3 ft., $15.00 per 1000. Cash with order.
Chas. L. Smith, Penn Grove, N. J.

CALIFORNIA—Any quantity, size, age. Not any better grown. Write for prices on it. Fruit and ornamental trees, shrubbery, etc.
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California privet. A splendid lot of fine well graded 2-yr. stock. For particulars see our display adv. Chas. Black, Highstown, N. J.

Privet, strong 1-yr.-old plants.
H. P. Neun, 941 South Ave., Rochester, N. Y.

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ROOTED CUTTINGS.
Ivy geraniums, a collection of up-to-date sorts, $1.50 per 100. Tradescantia discolor, strong cuttings, 75c per 100. Coleus, a fine collection of the best sellers, including Verschaffeltii and Golden Bedder, 75c per 100; $6.00 per 1000. German ivy, 60c per 100. Cupheas (cigar plant), 70c per 100. Alyssum, double giant, 70c per 100. Heliotrope, blue, 75c per 100.
John Irvine & Sons, Bay City, Mich.

Paris daisy, giant yellow and giant white, Gem feverfew, heliotropes, genistas, abutilons, fuchsias, 6 kinds, $1.00 per 100. Cupheas, 75c per 100. Ageratum, 4 kinds, 60c per 100. Alternantheras, 4 kinds, 50c per 100. Moonvines, $1.50 per 100. Rose geraniums, $1.25 per 100. Cash with order.
Byer Bros., Chambersburg, Pa.

Let me root cuttings for you. Send for list at rock bottom prices and you will get cuttings with roots on them. Many ready Dec. 15.
R. E. Rathbun, Sioux City, Iowa.

ROSES.

ROSES—Send for complete list.

American Pillar, 3-yr.	$35.00 100
American Pillar, 2-yr.	25.00 100
Dorothy Perkins	12.00 100
Lady Gay, 4 to 5 ft.	16.00 100

Conard & Jones Co., West Grove, Pa.

Roses, 2-yr., own roots, field-grown. Dorothy Perkins, Baltimore Belle, Pink and White Ramblers, 5c; Yellow Ramblers, 7c; Queen of Prairie, etc., 6c; Crimson Rambler, Baby Rambler and H. P. roses, 8c and 10c.
Gilbert Costich, Rochester, N. Y.

ROSES.

Bride, 3½-in.	$6.00 per 100
Killarney, 3½-in.	10.00 per 100

Cash with order.
Rosemont Gardens, Montgomery, Ala.

American Beauty bench plants, 2-yr.-old, $5.00 per 100; $40.00 per 1000.
Kaiserin bench plants $5.00 per 100; $40.00 per 1000. Holton & Hunkel Co., Milwaukee, Wis.

Fine two-year-old Kaiserin roses from bench, immediate shipment, $70.00 per 1000. Cash with order or satisfactory reference.
Chas. Knopf Floral Co., Richmond, Ind.

4,000 Richmond rose plants, from bench, 1-yr.-old, $3.50 per 100; $30.00 per 1000.
Geo. Reinberg, 162 N. Wabash Ave., Chicago.

225 best varieties—old, new, tried, true.
Leedle Co., Expert Rose Growers, Springfield, O.

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Rosemary R. C., $1.50 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

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FICUS ELASTICA.
6-in. pots .....each, 50c; doz., $6.00
FICUS REPENS (vine).
2½-in. pots .....each, $0.50
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

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	Select	Doz.	100
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Pot plants. Heliotropes, blue; daisies, giant marg.; fuchsias, 3-in., 3c. Primulas, dracaenas, see advs. for prices. Alternantheras, red and yellow, R. C., ½c. Cash.
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LOOK under headings of primulas, chrysanthemums and asparagus and note what we are offering. Freeport Floral Co., Freeport, Ill.

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Raffia (colored), 20 beautiful shades. Samples free. R. H. Comey Co., Camden, N. J.
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Sphagnum moss in 10 bbl. burlapped bales, clean and fresh. 1 bale, $3.75; 5 bales, $3.50 each
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Sphagnum moss, clean stock; 12 bbl. bale, $3.50. Green moss, in bbls., $1.00 per bbl.
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Spray with lead arsenate both sides of foliage. Ask for K's Sprayer. J. Kopcsay, So. Bend, Ind.

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Tobacco dust and stems. Dust in cases, about 300 lbs., 2c per lb. Baled stems, about 150 to 175 lbs., $1.25; ton, $11.00. Cash. Money back if you say so. S. R. Levy, Binghamton, N. Y.

Fresh tobacco stems, in bales, 200 lbs., $1.50; 500 lbs., $3.50; 1000 lbs., $6.50; ton, $12.00.
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Tobacco dust for dusting, 100 lb. sack, $1.75; 200 lbs., $3.00. G. H. Hunkel, Milwaukee, Wis.

Fresh tobacco stems, 65c per 100; $12.00 per ton. F. O. B. N. D. Mills, Middletown, N. Y.

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WREATHS.

Holly wreaths a specialty; in large and small quantities for the holiday decorations. Write for prices. H. E. Conwell, Milton, Del.

Rome, N. Y.—E. J. Byam has retaken his plant recently occupied by Kipp & Edwards. Jos. Watkins has been engaged as grower. The Humphrey Floral Co. is in charge of the Misses Humphrey, who report excellent business.

Geneva, N. Y.—Smith & Gannett expect to go into the growing of carnations more heavily next season, the soil being well suited to their culture. F. J. Welsh reports a busy season with funeral work. He grows bedding stock in quantity.

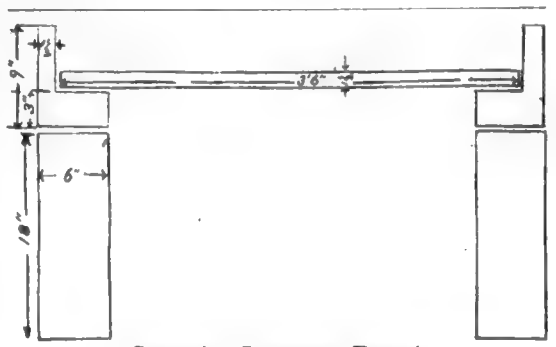
Auburn, N. Y.—Alfred Patrick & Sons are extending their nursery branch, being of the opinion there is more money in this direction than in adding to glass just now. J. Hicks & Son have had excellent results from the new rose house and find sale for all they can grow. Dobbs & Son have a modern plant, which they find is all they can profitably handle.

SNOW'S CONCRETE BENCH.

The florist who makes his own concrete benches, or is planning to do so, is naturally interested in the experiments of other florists in the same line of work, especially if these other florists not only built the benches, but began the undertaking by designing and constructing the molds or forms. Even if one person does not adopt another person's device in its entirety, he can generally obtain some helpful suggestion, at least, from the other person's method of procedure.

Among the florists who have done the job of concrete bench building from start to finish, from the planning of the first mold to the laying of the last slab, is Harvey B. Snow, of Camden, N. Y. Mr. Snow has sent a diagram of a cross section of his bench and the diagram is here reproduced, to illustrate Mr. Snow's description. He says:

"I have been interested in the articles on concrete benches in The Review and have built one this summer which



Snow's Concrete Bench.

seems to be entirely satisfactory. Perhaps others may be interested in our methods.

"First I built foundations, 8x10 inches square, on a grade the length of the house, placing them the length of the rail apart, which in our case was five feet five inches. Then I made boxes for the posts, 6x6x18 inches, inside measurements. The forms for the sides and rails consisted of boards of the proper length, attached at each end to wooden blocks of the desired shape. I made these blocks or end pieces from pieces of plank, 6x9 inches, by cutting a piece, 4½x6 inches, from one corner of them. The 9-inch side of these pieces was not boarded, as that side of the form was left open for the admission of the concrete. The slabs were made in boxes 1½x10 inches, and three feet six inches long. The end pieces were angles cast one and one-half inches thick, one side being five inches wide and the other six inches.

"In the posts coarse gravel was used. The rails were reinforced with buggy tire, put in edgeways. The slabs were reinforced with the common poultry wire. The forms were put together with screws, which permitted their being easily removed and refilled as soon as the concrete had set.

"The sketch shows the bench set up without the end piece in place. It has the advantage of being easily taken down and moved. The slabs will bear a man's weight in the center without breaking. I did the work myself and the cost for materials was approximately 20 cents per running foot of bench."

HE IS FROM PIKE COUNTY.

S. Bryson Ayres, of Independence, visited relatives at Louisiana, Mo., the other day and the Journal, of the latter place, took occasion to remark: "Bryson is now proprietor of the S. Bryson Ayres Co., wholesale florists, nurserymen and seedsmen, and has built up a big business. The company has 148,000 square feet devoted to the culture of sweet peas, in which the company has become famous. Mr. Ayres has propagated new varieties of sweet peas which have attracted the attention of Cornell University, which will carry on a line of testing these varieties. Bryson's many friends and relatives in Pike will be glad to hear of his success. If you can mention a line of human endeavor in which Pike doesn't get to the front, let us hear of it."

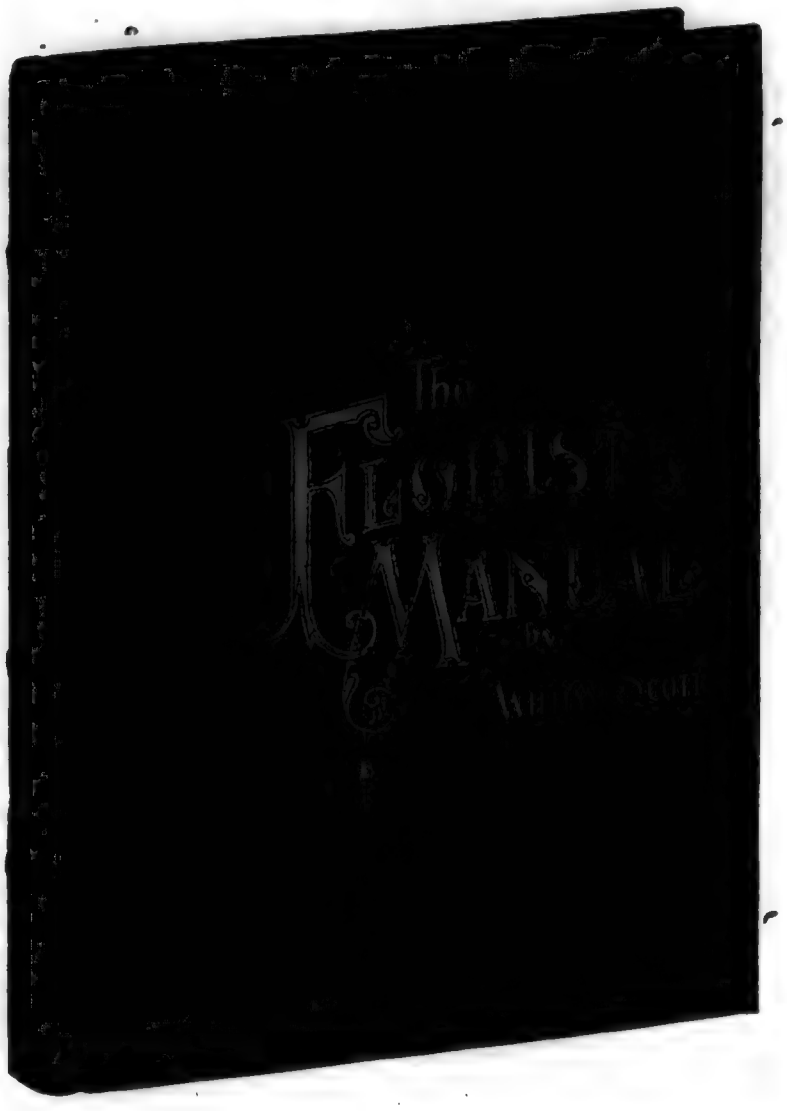
PLANTS FOR SMALL HOUSE.

I should be glad to have some suggestions which would keep me in greenhouse operations. I have a lean-to greenhouse twenty-five feet long and sixteen feet wide; walk with raised beds on each side. I would like to know what I can do with this outfit to produce a little revenue without too much technical knowledge. I have some call for a general line of house plants, and in the early spring season, raised some aster and tomato plants for sale. Is there anything that can be raised in my beds through the winter? I have a small hot water heater and can keep the house about 75 degrees at night. What class of small plants would it pay me to raise, either for flowers or for sale? Besides the above, would say I do quite a little in potted bulbs which will come in along January and February. While speaking of bulbs, would like to know if anything can be done with bulbs like this: Last year I buried my bulbs in pots and flats outside. This summer I found I had overlooked four or five boxes of bulbs, daffodils, which had been covered up all winter and summer. The bulbs seem hard and with plenty of roots. I brought in a few this month and they show some life, but do not seem to move at all beyond slight green tip. A. H. R.

If you could keep a night temperature as near 40 to 42 degrees as possible, single violets, such as Princess of Wales, would probably pay you as well as anything. You could, no doubt, sell these near home, as you could hardly expect to compete with the big specialists in the wholesale markets. You could follow the violets, which would be over by the end of March, with bedding geraniums, which you could winter in flats of sand, and also raise asters, tomatoes, lettuce, cabbage and any other plants for which you might find a call. Pansies also pay well. Planted in October, you could pick quite a lot of flowers through the winter and by lifting and planting a quantity in flats or baskets from the open ground or frames the last part of February, you could get them well in flower in April before the pansy specialists have much to offer. It would be better to stick to one or two varieties of plants rather than to grow a miscellaneous mixture in your house.

It is possible the narcissi may flower this season, although I have not had your experience with them. It would be better, however, to leave them outdoors or in a cellar covered up until they have sprouts a couple of inches long before trying to force them.

C. W.



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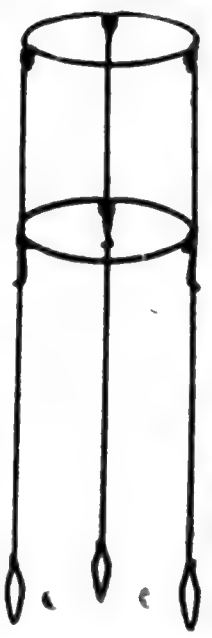
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Model Extension Carnation Support

Made with two or three circles. Endorsed by all the Leading Carnation Growers as the best support on market.

Pat. July 27, '97; May 17, '98.

Galvanized Wire Rose Stakes

Write for prices before ordering elsewhere.

Prompt shipment guaranteed

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BLAKE'S LEVER CLIP

For Roses, Carnations, etc. Fasten stakes, cross wires, etc.

They never slip and are a great saving of both time and money.

PRICE - - $1.40 per 1000
5000 ..... at $1.25 per 1000
10,000 or more ...at 1.00 per 1000
Delivered free.

SAMPLES FREE

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Pecky Cypress is the greatest money saver discovered in years. Will last at least three times as long as any other wood for bench material. We can make immediate shipments at all times from our large stock.

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	Each	Doz.
RYE STRAW . .	$1.50	$17.00
BURLAP	1.20	14.00

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SMITH, LINEAWEAVER & CO.
COAL
Anthracite, Bituminous, Coke and Gas Coal
West End Trust Building. Philadelphia

Greenhouse Heating.

It is just a matter of prudence to fill up any empty coal bins at once.

A. N. Pierson, Cromwell, Conn., has 15,000 tons of soft coal stacked in the open, covered with buckwheat coal to prevent slacking. This is carried merely as insurance against strikes or railroad blockades. Last season 8,000 tons of coal were burned to heat 900,000 feet of glass.

SLUGGISH CIRCULATION.

On page 94 of The Review of November 9 I noticed a query from H. E. H. regarding poor circulation in his hot water system. I would suggest that he tap a fitting at the highest point on the system and put in a pet cock to permit the escape of air from the piping. I had similar trouble in a house just built and relieved the situation in the way suggested. The inquirer will find the generators advertised in The Review to be quite helpful in sluggish systems.

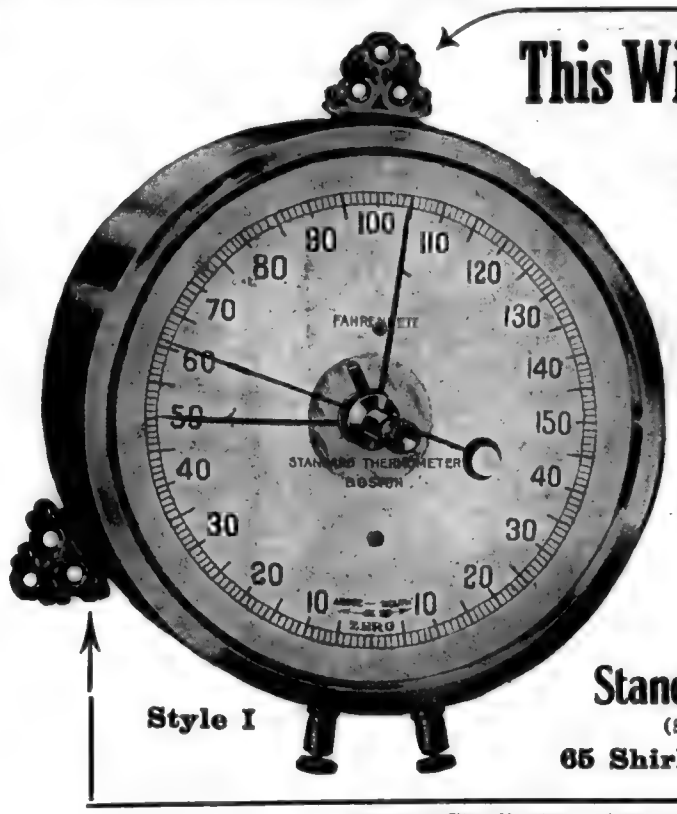
K. G.

A PARTITIONED GREENHOUSE.

I am building a greenhouse, 10x20 feet, running east and west, with a partition eight feet from the east end. The temperature is to be 50 to 60 degrees in the larger room, 10x12 feet, and 60 to 70 degrees in the smaller section, 8x10 feet. The boiler shed is at the west end of the house. The other walls of the house are all exposed. The height of the walls is five feet; height to the ridge, seven feet ten inches. The house will be used for general stock, with space under the benches for mushrooms. How can I heat it correctly without pipes under the benches, which would interfere with the mushrooms? Will it be possible to run a portion of the pipes under one end of a bench for propagating purposes? Kindly advise me as to the proper number of pipes to be used and how to run them. The heater will have a capacity of either 250 or 300 feet of radiation. My location is southeastern Wisconsin.

U. W. I.

The following is perhaps the simplest method of piping the house so as to secure the conditions desired: A 2½-inch flow pipe could be carried under the ridge to the east end of the house, where it could feed two coils of four 2-inch pipes each. These could start at the middle of the east end and run along the end and sides of the house to the boiler room. One coil could be above the bench where mushrooms are to be grown, and the other could be underneath, where bottom heat is desired. The east room, 8x10, will have about one-half more piping than the other house, in proportion to its size, and this will provide about 10 degrees higher temperature. Run all pipes downhill and connect the expansion tank at the highest point of the system.



Style I

This Will Save Your Plants

It gives instant warning when the temperature in your greenhouses becomes too high or too low. It is also arranged with an indicating hand that correctly shows the actual temperature at all times. The two contact hands are set with the set-stud through the glass, one for high, the other for low, and, if desired, they will allow a variation of only two degrees. This

Standard Thermostat

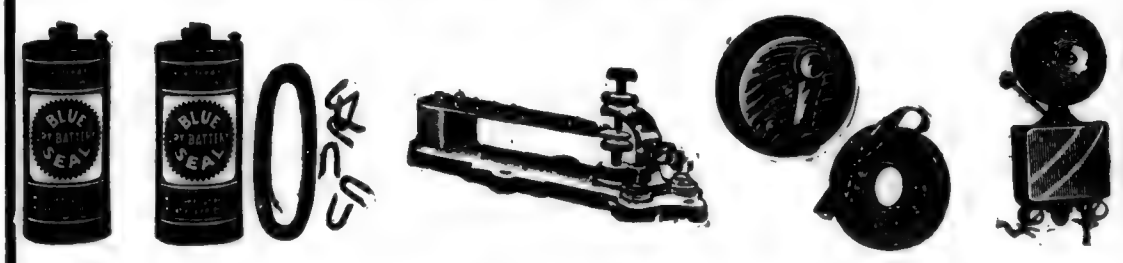
rings an alarm, anywhere you locate the bell, whenever the temperature hand reaches either of the other hands. Anybody can put it up—only a screwdriver needed—and full directions with each instrument. This is the cheapest of all crop insurance—You can't afford to be without it this winter.

Style I, diameter 6 inches, price, $5.00 each.
Order one today and avoid a freeze-up.

Standard Thermometer Co.
(Successors to Parker Mfg. Co.)
65 Shirley Street, Boston, Mass.

Mention The Review when you write

Adjustable Thermostat
OUTFIT $2.50 COMPLETE

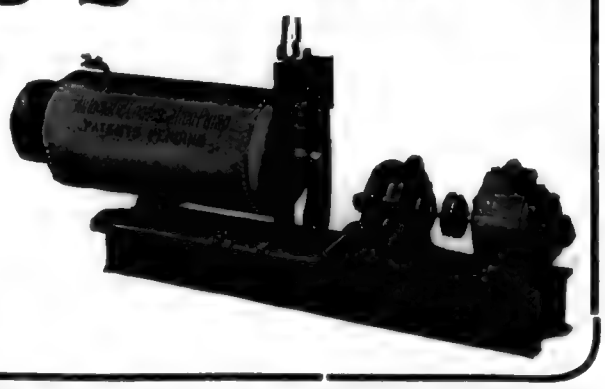


Anybody can put it up. Simply set it at the danger point. When that temperature is reached, it will ring the bell at the head of your bed or wherever desired. Outfit consists of 2 dry batteries, 150 ft. insulated wire, staples, thermostat, switch, tape, alarm bell, blue print and directions. Requires no attention. Order now. Circular free.

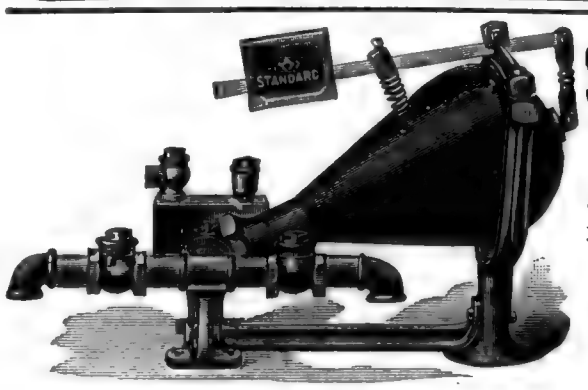
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The Heating Question??

Is your Heating System lazy
Our Automatic Electric Condensation Pump
MAKES the system work.
Pulls water and air out of the system.
Pulls HOT STEAM through piping.
Pumps water into the boilers.
SAVES 20% TO 50% FUEL.
Winter is approaching. Write for particulars at once.



CHICAGO PUMP CO.
1059 Fulton Street, CHICAGO, ILL.



STANDARD
STEAM TRAPS
The simplest, most durable and up-to-date steam trap on the market. Ask the man who owns one.
Catalogue sent on request
E. Hippard Co.
YOUNGSTOWN, OHIO

200%

Our sales to Florists for 1910 were 200% increase over 1909 and every customer satisfied.

RETURN TRAP



Taylor Steam Specialty Co.
BATTLE CREEK, MICH.
Write Department F. for new catalogue.

Mention The Review when you write.

ST. LOUIS.

The Market.

The wholesale market last week was glutted with stock all through the week. The glut was mostly in the lower grades; still, the consignments were so large that some of the fancy stock, too, was left over and from the way the store men were buying it looked as though they, too, were having some dull days.

Arrivals of mums were heavy daily, with many of the late varieties coming in, such as Golden Wedding, White and Yellow Chadwick and Nonin. Fancy Bonnaffon and White Bonnaffon sold well. Some excellent Mrs. Jerome Jones and Yellow Jones were seen; also Eaton and Yellow Eaton.

Carnations are of excellent quality, with the price hardly over $2 per hundred. Enchantress and Beacon sell best. The market had an oversupply last week. Roses, too, are on full crop. Beauties have fallen off considerably of late in the fancy grades, but in Killarney, Richmond, Bride, Ivory and Maryland there are more than enough, with a great deal of it really fancy stock which would bring much better prices with the mums out of the way. In large lots, some of this fancy stock was sold as low as $5 per hundred. Violets have been and are in great demand, but stock has been scarce. One man said some time ago that this season would see a scarcity in violets from our Kirkwood growers. As yet no Paper Whites or Romans are being sent in. Valley is fine and sells well, also lilies.

Prospects for Thanksgiving look good, but chances are there will be a scarcity of stock, though this all depends upon the weather.

Various Notes.

Albert Gums, of the Angermueller force, reported for duty November 18, after a lay-off for a week on account of sickness.

Joe Hamerle leased the greenhouses of the Bentzen Floral Co. on Marcus street, and not the Brix plant, as was stated in the issue of November 9. It was Albert Hirlemann who leased the greenhouse plant of the Brix Floral Co., on Mead avenue.

The handsome McCray Refrigerator

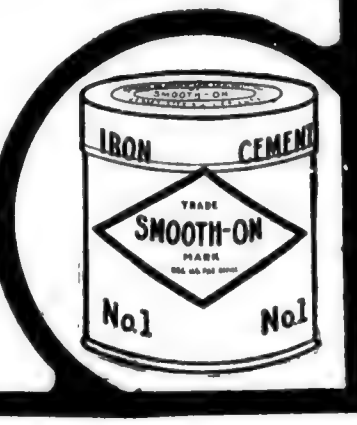


SMOOTH-ON

IRON CEMENT No. 1

permanently repairs cracks in greenhouse boilers, pipes, radiators, tanks, etc.

Be sure and send for a FREE No. 10 illustrated instruction book. It tells all about the different **Smooth-On Iron Cements,** shows how to use them and we think it will save you money. Every florist should have a copy.



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572 Communipaw Ave., JERSEY CITY, N. J.
CHICAGO: 231 N. Jefferson Street.
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SPECIMEN PLANS

FOR A

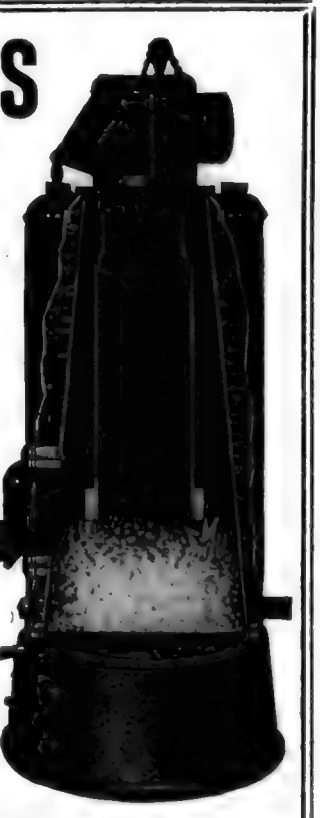
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are given in the new
1911
catalogue of all steel

Wilks Hot Water Boilers

The self-feeding feature keeps an even and continuous fire for 12 hours and longer without any attention. This makes **night firing unnecessary**

Write today for Your Copy of Our Catalogue. It's Free.



S. WILKS MFG. CO., 3523 Shields Avenue, CHICAGO

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The Users Of The.... **Hughson Regulating Valve**

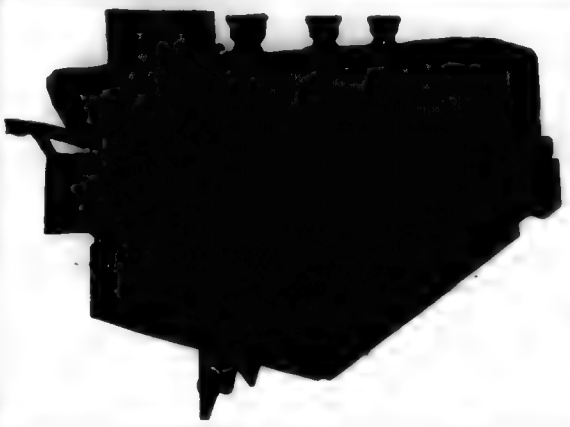
are all satisfied with the results it has given, and many duplicate orders is the proof. **This Valve will maintain a steady pressure** on the low side, no matter how the initial pressure fluctuates. By carrying 40 or 50 pounds pressure on the boiler and setting the valve to carry 5 or 10 pounds on the line, you always have a reserve to fall back on in case of a sudden drop in temperature. **Our new catalogue is just out** and if you contemplate making any changes you had better get one—it is yours for the asking.

We Also Make Traps and Other Devices.

HUGHSON STEAM SPECIALTY CO.
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Successors to the John Davis Company

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CAN SHIP ANY SIZE AT ONCE

MORE KROESCHELL BOILERS USED FOR GREENHOUSE HEATING THAN ANYOTHER MAKE

ORDER NOW

Send for Catalogue.

KROESCHELL BROS. CO.

444 West Erie Street, CHICAGO

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which was on exhibition at the recent flower show was sold to the Archias Seed Store, Sedalia, Mo.

Himmer Bros. were the only exhibitors in the pomological section at the flower show. Their display consisted of a large basket of lemons grown in their greenhouse at Meremec Highlands. They were the largest ever seen here.

A. Flechmann opened a flower store under the Planters' hotel, on Fourth street, November 21. The store was at one time a branch of the Riessen Floral Co., who gave it up several years ago, after which Mrs. Stewart ran it a time.

Grimm & Gorly, who bought nearly all the mum plants exhibited at the recent show, announced a flower show at their store all week, which attracted a great deal of attention from the public and crowded the store daily.

W. C. Smith, of the W. C. Smith Wholesale Floral Co., who was badly hurt recently by an automobile, was back on duty last week, looking as well as ever.

H. C. Irish, superintendent of the Missouri Botanical Garden, has returned from the south, where he went to attend the funeral of his mother-in-law.

Robert J. Windler, president of the St. Louis Florists' Club, says the next meeting will be a most important one. There will be an essay and a discussion which will interest the growers. Whom to recommend as state vice-president of the S. A. F. will also be decided at this meeting.

J. P. Beermaker, who manufactures Acme nicotine insecticides, says that the sale of his liquid and fumigating paper has greatly increased and that they are working overtime to catch up with shipping orders and local demand.

The big tent at the Missouri Botanical Garden was erected and filled with 2,500 mum plants, ready for the opening of the show November 13, when the great wind blew away the tent and demolished the plants. At the same time, the temperature fell below freezing and the entire exhibition was frozen.

Visitors: B. Eschner, of Rice & Co., Philadelphia; W. E. Scott, of the Paducah Pottery Co., Paducah, Ky.

J. J. B.

URBANA, ILL.

After rejecting, on account of not being extensive enough, a number of proposed plans for the development of the campus south of the auditorium, Supervising Architect J. M. White and President E. J. James have a plan under



More Heating Surface

and less water space than is contained in any other boiler. (Note the many flues set close together.) This is one reason why the users of the

"Superior Standard" Greenhouse Boilers

find them perfectly satisfactory. We frequently receive re-orders from florists who have tested these boilers thoroughly and found them even "Superior" to our claims.

Why not ask for full particulars today? A postal to us will bring a prompt reply.

SUPERIOR MACHINE & BOILER WORKS

Superior and Green Sts., CHICAGO, ILL.

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Pipe Fittings -- Imico Boilers

FOR GREENHOUSE WORK

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Return Steam Traps for Florists
All are absolutely positive in their work.

Selling Agents:
Norman English, 285 Michigan Ave., Detroit, Mich.
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We have genuine wrought iron pipe and "P" quality valves and fittings.

WHETSTONE & CO.

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HIGH-GRADE BOILERS

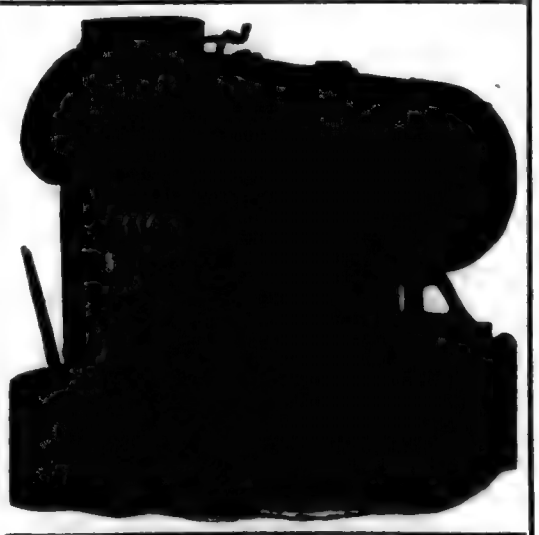
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IMPROVED RETURN TUBULAR FIREBOX BOILER



Johnston Heating Co.

131 E. 26th St., New York City

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Where There Is Condensation

—there is need for a Morehead Steam Trap. Condensation in steam lines is akin to matter out of place—means wasted energy.

If your lines are sluggish—if your houses are not of uniform temperature, write us. We guarantee to drain your lines perfectly—return the pure, hot condensation to your boiler without pump or injector or make no charge for the trial. Obey that impulse—write now.

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For Prices on

Genuine Wrought Iron Pipe

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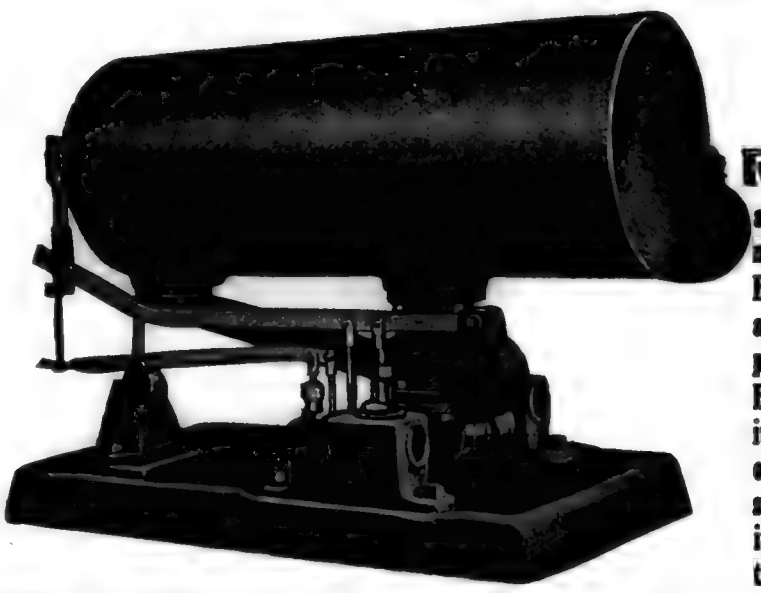
consideration which they think will provide for all needs of the University of Illinois for the next fifty years. Messrs. D. H. Burnham and W. C. Zimmermann, members of a commission appointed by the trustees to recommend a scheme for the development of the campus, will visit the university in the course of the next two weeks to look over and discuss this new plan.

The buildings which were provided for in the latest appropriation, and for which locations are to be decided on in the near future, are a new armory, a stock-judging pavilion, additions to the greenhouses and a veterinary building. The appropriations for these buildings are, respectively, $100,000, $80,000, $50,000 and $5,000.

The new plan contemplates moving the horticultural group from its present location west of Wright and south of Davidson street to the present drill ground, and the location of the armory where the greenhouses are at present. Moving the horticultural group will not affect the work of the horticultural department seriously, but the orchard will have to be left in its present location for several years.

If this move is made and the armory placed in this plot, a parade ground 700 x 1,800 feet, extending to Fourth street on the west, and from Davidson street 1,800 feet south, will be provided for purposes of drill. It is planned to put the stock-judging pavilion in the present line of departmental agricultural buildings and at the end of Burrill avenue. This will leave the space between these buildings and the auditorium and between the proposed armory and greenhouses to provide for additional buildings in the future.

An Innovation in Steam Trap Design and Construction



THE NEW "Detroit" RETURN TRAPS

are devoid of all unnecessary mechanism.

Every part designed, manufactured and assembled with the idea of permanence foremost.

Every tilt of the trap shows that it's working—draining every drop of condensation from the heating system and automatically returning it to the boiler—no pumps—no trouble.

Condensation is the purest kind of boiler feed water. Don't waste it. Return it directly to the boiler by "Detroit" Return Traps and prevent scale formation.

Ask us to mail you advance bulletin, No. 320-FR.

AMERICAN BLOWER COMPANY

DETROIT, MICH. U. S. A.

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Martin Rocking Grate

IT SAVES COAL

MARTIN GRATE CO., 343 S. Dearborn St. CHICAGO.

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"Spellerized" Wrought Pipe

Especially adapted for Greenhouse Work. Fittings, Valves, Tools, etc.

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Capacity: Will heat 600 feet 1¼-inch pipe.

Price, Freight Paid, $36.50

Other heaters from $20.00 up.

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Box F, GRAFTON, ILL.

50% SAVED

Pipes, Flues

and casing thoroughly overhauled and guaranteed. Greenhouse fittings of every description.

ILLINOIS PIPE & MFG. CO.

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MT. GILEAD POTTERY CO., Mt. Gilead, Ohio

Successors to SMITH-THOMAS POTTERY

Manufacturers of CHERRY RED STANDARD POTS of all sizes

Our clay is mined from the old Morrow County Beaver Swamp, which enables us to furnish florists with pots noted for strength, porosity, beauty in color, lightness in weight and smoothness in surface, making them especially adapted to the successful growth of plants.

Our factory is equipped with new and up-to-date machinery. Our capacity is greater and our warehouse full of stock. We are ready to give all orders prompt attention. Give us your order and we will satisfy you.

OUR PRICES WILL INTEREST YOU. PRICE LIST ON APPLICATION

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PITTSBURGH.

The Market.

A large number of social functions, together with several large funerals, made quite a good week for the city trade, the result being that stock generally cleaned up nicely. Chrysanthemums, which have been so plentiful, will now begin to tighten up, as some of the growers are pretty well cut out. However, there will be enough left to last over Thanksgiving and indications are there will be more for that day than usual.

Stock of all kinds coming into the city is better, as a rule, than usual at this season. There is less rubbish among the chrysanthemums and roses. Valley and carnations are exceptionally good.

Beauties and cattleyas seemed to get scarce toward the last of the week and prices took quite a jump. Lilies are still too plentiful and it might be said there is a scarcity of nothing.

Various Notes.

The Pittsburgh Cut Flower Co. is cutting Bon Silene rose, which still seems to have a place, especially on debutantes' days.

The McCallum Co. is showing some fine Beauties these days.

Mrs. J. M. Glen, who has been in the hospital for several weeks, is recovering rapidly and hopes to soon return to her home.

Visitors: Arthur Langhans, of Wheeling, W. Va.; W. F. Lauch, New Galilee. Hoo-Hoo.

Conneaut, O.—L. A. Eaton & Son have completed a new greenhouse, 20x 100, at 123 South Center street.

Syracuse Red Pots

"A little pot is soon hot"; so is a thin pot. Our pots are much thinner and tougher than others. It's the quality of the clay. Write for our latest price list if you did not get one.

Syracuse Pottery Co.

SYRACUSE, NEW YORK

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GEO. KELLER & SON

Manufacturers of

RED POTS

Before buying write for prices.

2614-2622 Herndon Street

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YOU CAN SECURE

the **Best Flower Pots** made from the **Best Clay** in the **Best Way**, in any quantity, large or small, from

THE WHILLDIN POTTERY CO.

PHILADELPHIA JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.

DON'T FORGET that lilies, hyacinths, tulips, daffodils and freesias are most profitable grown in pots, because salable in two ways.

ALL ORDERS SHIPPED WITHIN TWENTY-FOUR HOURS AFTER RECEIPT

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For "Pot Luck" Try Us

HEWS STANDARD POTS

POT MAKERS FOR 140 YEARS

World's Largest Manufacturers

Write for Catalogue and Discounts

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Established 1765

CAMBRIDGE, MASS.

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THE FAMOUS IONIA POTS

STRONGEST, LIGHTEST, MOST POROUS.

Packed in strong, hardwood crates. Plenty of straw.

We solved the breakage problem years ago.

We are ready for that order NOW.

IONIA POTTERY CO., - - IONIA, MICH.



All the Clay For Our Florists' Red Pots

Is prepared by passing through a screen 1600 meshes to the square inch. If in a hurry for pots order from us. We can ship over five lines of railroad, by river or interurban. Write for catalogue showing all the articles we make for florists' use.

THE PETERS & REED POTTERY CO., - Zanesville, Ohio

PENNSYLVANIA is the state to get the nice Red Standard Pots, Pans, Azalea Pots, etc., and **NORRISTOWN** is the town where they manufacture them and burn them a nice red color. **Try us** and see if they are not just as cheap, too.

THE KELLER POTTERY CO.

213-223 Pearl St., NORRISTOWN, PA.

RED

Standard Flower Pots

Price list and samples on application.

PADUCAH POTTERY CO., INC.

PADUCAH, KENTUCKY

Standard Red Pots

Price list and samples on application.

We carry a complete line of Florists' pots.

Weis & Schmidt Pottery Co.

MILWAUKEE, WIS.

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Is the STRONGEST, BEST PACKED, EASIEST APPLIED

24 sheets.....$ 0.75
144 sheets..... 3.50
288 sheets..... 6.50
1728 sheets.....35.10

Furnishes the Most Nicotine for the Money!

Mfd. by THE KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

Over 40% Nicotine

By far the CHEAPEST.

Just Note Prices!

Pint .....$ 1.50
½ Gallon..... 5.50
Gallon 10.50
5 Gallons.....47.25

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ONE PERSON
can set in flats
5000 Seedlings
per day
when using my
"Assistant for Transplanting"
It accomplishes more and better work than any other method, and lasts a lifetime. Any child can use it.
PRICE $1.00
Invented and Manufactured only by
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Pansy and Aster Specialist
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Nature's Best Fertilizer is Sheep Manure

Sheep's Head Brand furnishes the valuable organic matter and humus necessary to grow crops. It improves the mechanical conditions of the soil.

Makes compact clay more open and porous, makes light, sandy soils more retentive of moisture, keeps soluble plant foods within reach of rootlets of growing vegetation.



Farmers, orchardists, florists, truck and market gardeners should send for our book "Fertile Facts" to learn how properly and most effectively to fertilize the soil.

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Green Flies and Black ones too
are easy to kill with
The Fumigating Kind Tobacco Powder
$3.00 per bag 100 lbs.
Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?
THE H. A. STOOTHOFF CO., MOUNT VERNON, N. Y.

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Kramer's Pot Hanger

For Sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, $1.00 per doz. by express. Sample doz. by mail, $1.25.

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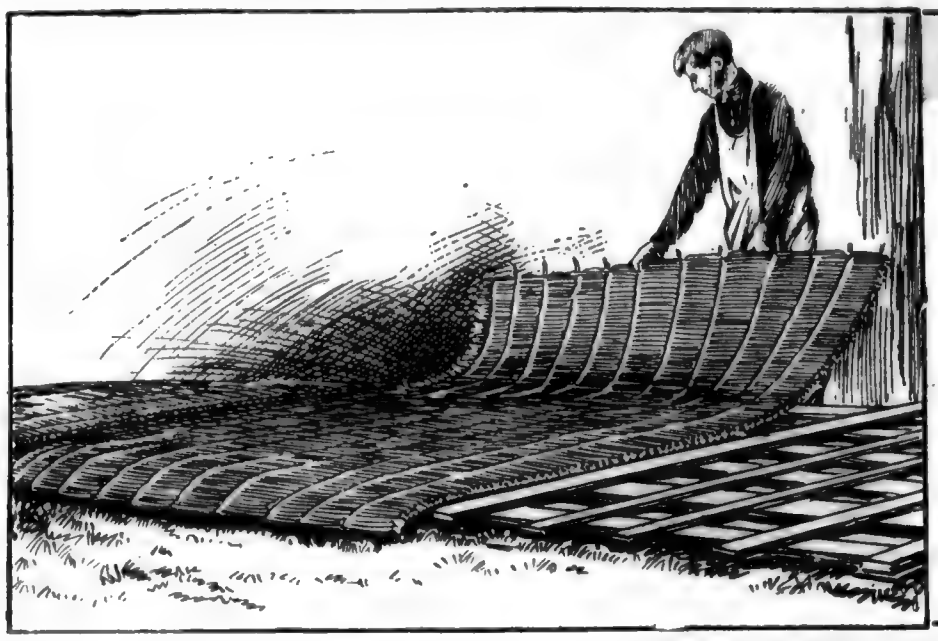
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EVANSVILLE, IND.

The Market.

Business has been excellent since last report. There seems to be plenty of cut flowers, with the possible exception of carnations. Roses and mums are fine. Green goods are not any too plentiful.

Various Notes.

Royston & Fenton were so unfortunate as to be troubled with a leaky boiler November 12, during the coldest spell we have had this fall. The boiler leaked in two different places. They managed to stop the leaks temporarily by putting bran and malt sprouts into the boiler. The next morning the thermometers registered 16 degrees outdoors, but they kept their houses around 50 degrees. They waited for a favorable day and on Friday, November 17, they pulled the old boiler out and put in a new one, and had steam going by 10 o'clock at night.

Louis Fritsch has his new house about completed. He says business is good with him.

Austin Wallace has his carnations in condition. He carried over a half bench of carnations and they are doing fairly well. He finds a ready sale for his smilax.

John H. Brockmann, representing Arthur T. Boddington, New York city, called on the trade last week.

E. L. F.

NEW BEDFORD, MASS.

The cut flower trade is fair, with the supply of flowers good. Mums are shortening up a little. Funeral work has been heavy of late. Carnations are coming into the market of good quality; these retail at 50 cents and 60 cents per dozen. Roses retail at $1 and $1.50 per dozen; mums at $2 to $3 per dozen. Paper Whites are now making their appearance, and retail at 50 cents per dozen. Bouvardia of nice quality is seen; it retails at 50 cents per dozen. Lilies sell at $2 per dozen. Candytuft helps out a lot.

Plants sell well at fair prices.

Nice window displays are seen these days in all of the uptown stores.

Stevia will be ready in a week or so.

W. L.

Nevada, Mo.—An orchestra and refreshments were features of a flower show and opening given at Kaupp's Greenhouses November 15 and 16.



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Hotbed Sash

For a tight, enduring and sweatless gutter at a moderate price, use our CEDAR GUTTER.

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PRIVATE GREENHOUSES

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No.	Diam.	Each	Doz.	100
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20	18 in.	1.30	14.00	115.00
30	16 in.	1.00	11.25	92.00
40	14 in.	.65	7.00	56.00
50	12 in.	.45	5.00	40.00
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70	8 in.	.30	3.50	28.00

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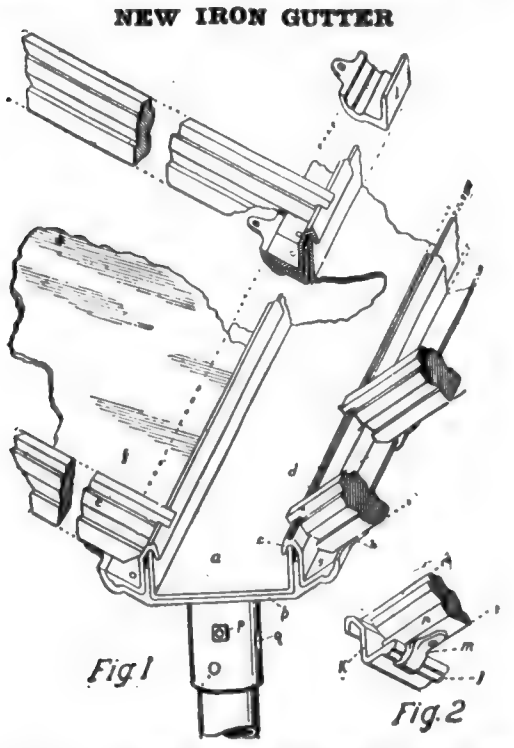
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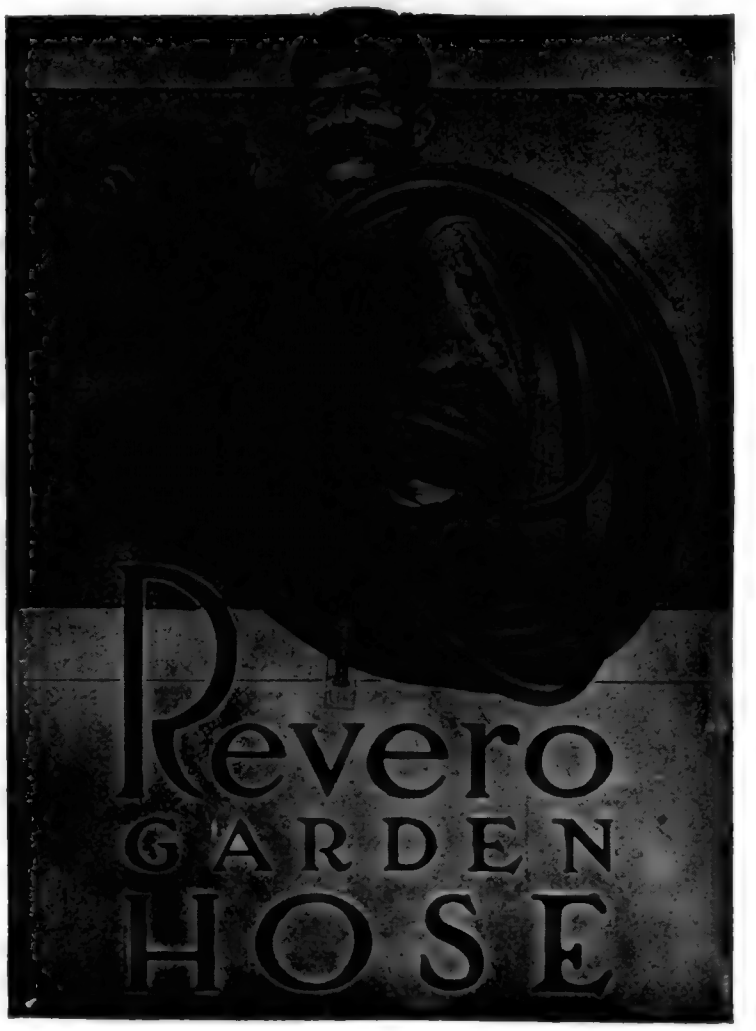
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The extension stave foot prevents the bottom from rotting. No chance for water to collect.

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Mention The Review when you write

CLEVELAND

The Market.

While this market is, and has been, well supplied with mums, several growers and store men who are in a position to know say that there will be no further glut of this autumn flower. Some extra fine Golden Wedding, Chadwick, Golden Chadwick and Enguehard are arriving daily. Carnations are short in supply but of good quality. Maryland and the Killarneys are arriving in quantity equal to the demand.

Various Notes.

H. M. Walbridge has taken a position in the wholesale store of the J. M. Gasser Co. Mr. Walbridge has had about ten years' experience in greenhouse and store work, principally in the east, and should make a valuable man in his present position.

The McCallum Co. is receiving some extra fine sweet peas and seems to have plenty for all demands.

Wilhelmy Bros., who operate two retail stores, one on Detroit street and the other on Loraine avenue, will open another branch store at One Hundred and Fifth street, on Euclid avenue.

The Cleveland Florists' Exchange says the new artificial hibiscus is well thought of by the store men and Mr. Smith anticipates a ready sale for it as a Christmas novelty. This firm is receiving Beauties from L. L. Lamborn, of Alliance, Ohio.

The Gasser Co., Rocky River, will build an addition to the greenhouses early next spring. Three houses 27 x 200, for carnations, will be built and this, with their present range, will give capacity for 50,000 carnations.

Jack Martin, representative on the road for the McCallum Co., Pittsburgh, is visiting in this city.

The Florists' Club's bowling alleys have been replaned, new pins and balls put in and they are now equal to any alleys in the city. Come down and try them. F. A. F.

Gibson City, Ill.—Swan Peterson has exchanged his interest in the Swan Peterson Floral Co. for three sections of land in Grand Forks county, North Dakota. In the deal the greenhouse property was put in at $45,000 and the land in North Dakota at $76,000. The new owners of the greenhouse property are Hammond & Wadsley, of Grand Forks, who will take possession in a short time.

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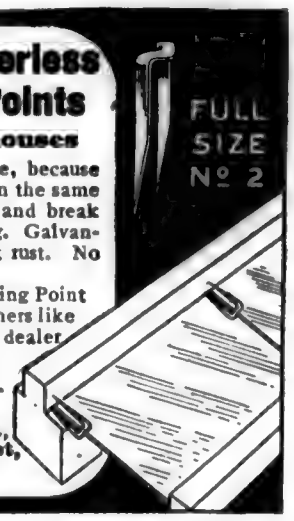
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THE WEEKLY FLORISTS' REVIEW

CAXTON BUILDING

508 South Dearborn Street

CHICAGO

Advertising forms close

TUESDAY

The latest hour at which advertisements, or changes of advertisements, can be accepted is 5 p. m. Tuesday.

Athens, O.—Simon Brouwer has purchased a Reo runabout and will use it in place of the horse that he recently lost. He will fit the machine with a body, so that it will serve also for delivery purposes.

THE RETAIL FLORIST.....

TIMELY ADVERTISING.

Retail florists frequently can take advantage of local events by means of timely advertising. For instance, when the grand opera season opened at Chicago the other day a florist who keeps up to the times had a good space on the theatrical page for the following:

To Holders of Seats for
Grand Opera
at the
Auditorium
we wish to call your attention
to the special opera corsages on sale at
Popular Prices
at Fleischman's, in the Railway Exchange Bldg
Corner Jackson and Michigan Blvds.
Telephone Harrison 3342

FUNERAL WORK.

The accompanying illustration shows the designs turned out one day recently by G. Fred Bauerle, proprietor of the North Side Greenhouse and Garden, Lansing, Mich. The run of work was more than ordinarily heavy, because it was a double funeral and attracted much public attention.

"THROWING IN THE ART."

Policy in Prices.

In The Review of October 19 there appeared an interesting article entitled "The Evolution of Retailing," in which the statements are made that the progressive policy of the merchant of today leaves the artist of yesterday in the rear—a standpatter, as it were, who, if he would gain trade, must "throw in the art"; that this progressive policy appears to be one of price cutting, liberal use of the advertising columns of the leading paper, of daily readjustment of prices according to the supply; that the spirit of enterprise seeks volume of trade along the line of department store methods, in order to work off the surplus of stock which faces the wholesaler ten months of the year. [The article did not say quite that; it merely called attention to the experiments some retailers are making along those lines.—Ed.] With part of the foregoing most of us can agree, but if this business of price cutting is followed out, where shall we land?

Overstocks and Price Cutting.

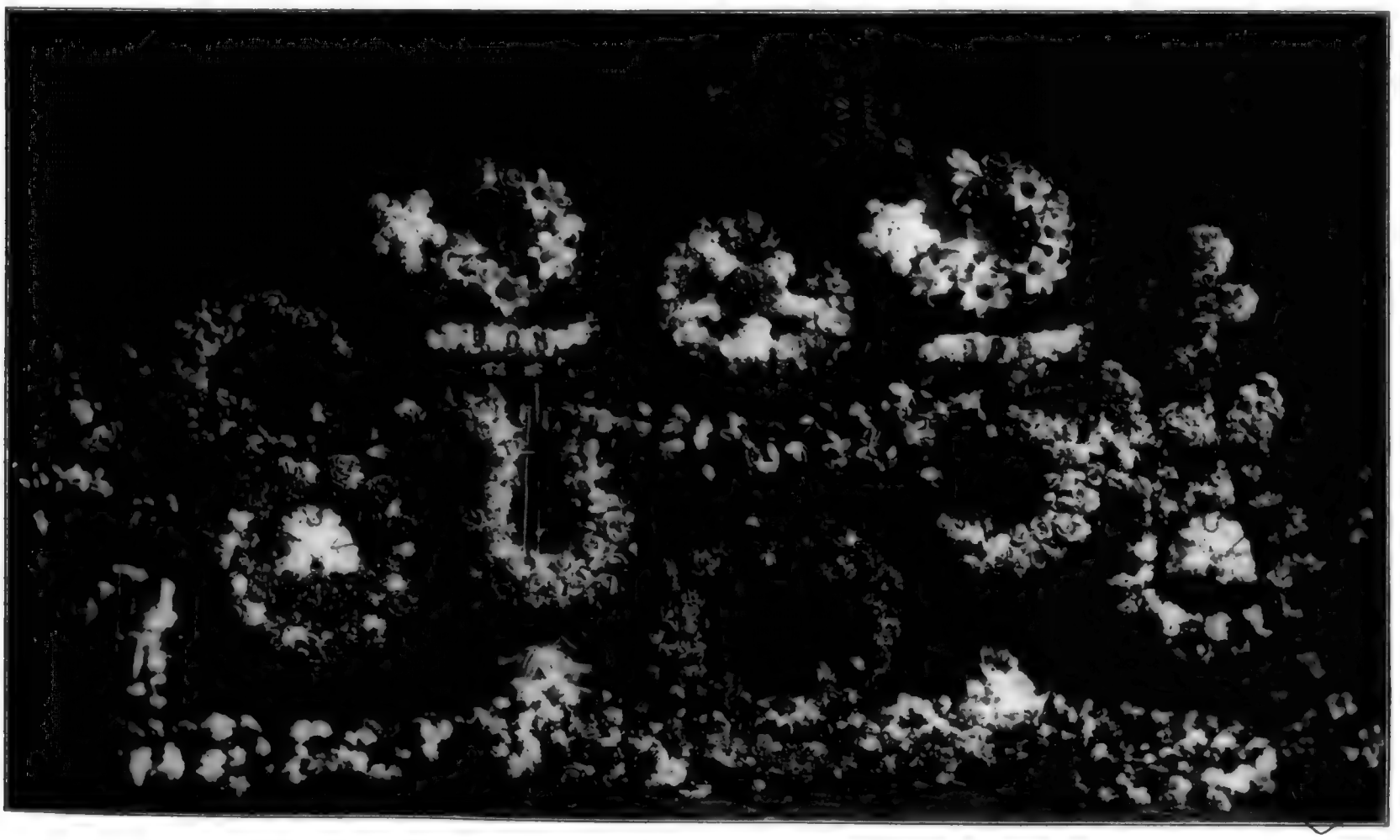
While the condition of being confronted continually with a surplus may be true of some few large trade centers, it is not generally the condition of the country at large. While department store methods seem to be the only relief in some cases of overstock, and while the supply must govern the price to a certain extent, it can not be an indication of the best trade conditions, as a steady diet. At the same time, the opposite practice of too much stiffness in price is a step back from progress. Where the price cutting methods of obtaining and holding trade prevail, there must be something radically wrong with trade in that vicinity. If growers can keep their heads above water on their share of the carnation profits when that article retails at 25 cents per dozen, we are from Missouri. Yes, we must admit that at that rate the art must be thrown in. But, even admitting that much, a great deal is implied, namely, that we must have the art.

The Main Object.

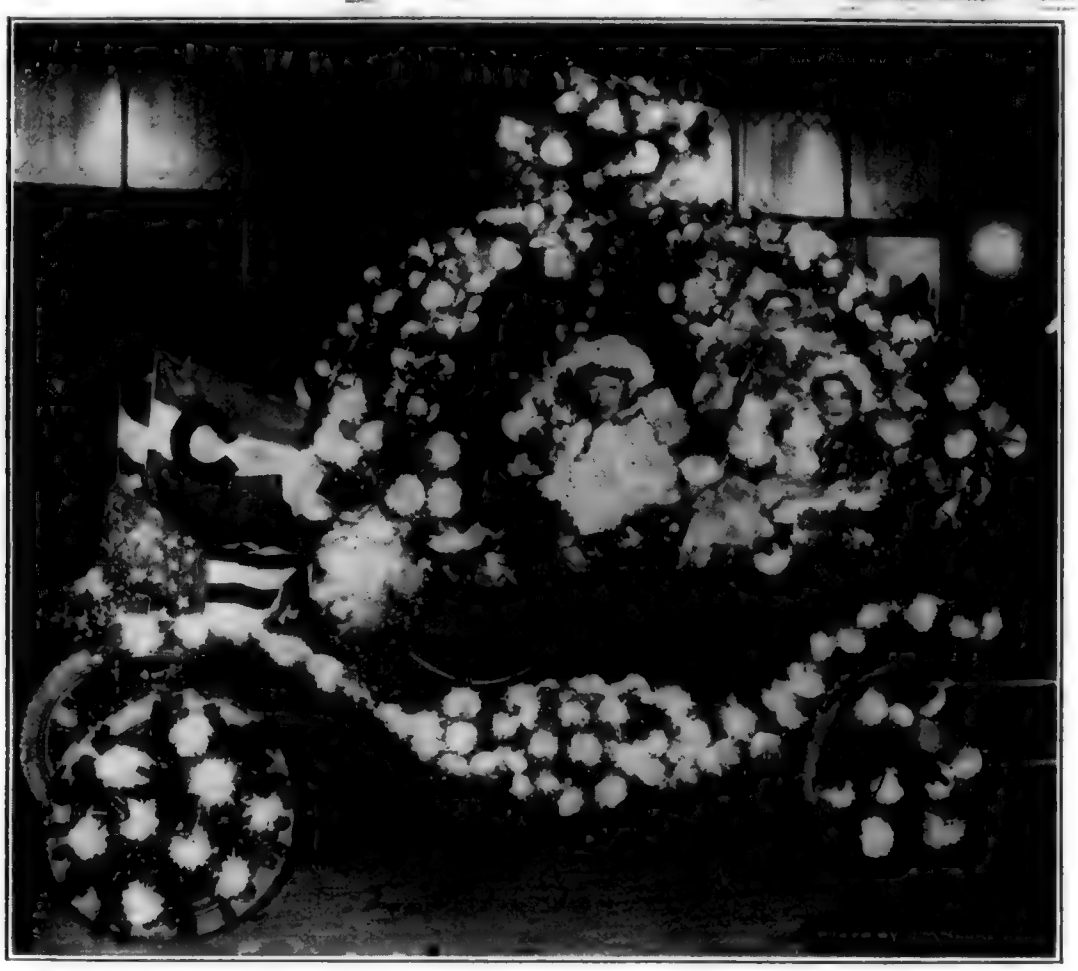
As to merchandising being the main object—why, bless you, why have we been operating these stores, and why have we employed all the fixings and artifices to help trade? Certainly not altogether for health or pleasure. If we go to following department store methods, it will not be long before we shall have to occupy half a block of rest rooms, libraries, check rooms and information bureaus to sell a dozen carnations at 23 cents. Where will this lead us? And on top of all this we are enjoined to throw in the art, which, after all, is equally valuable with the flowers themselves.

The Danger of Degeneracy.

And yet, after all is said and done, how much is there which affects the style of art in the selling of Beauties at $1.50 and carnations at 29 cents over the counter? If it should come to using hundreds and thousands of these same flowers at the same rate in decorations, we must charge for the art. In funeral work of any importance at all, throwing in the art comes to be a condition of no art at all. The thought, the pleasing power of a design, will count where it is talked up by the salesman. Of course, you can not expect customers to discover it themselves. You must point out and explain. Lay a dozen roses together artistically and another dozen of the same kind together indifferently, and demonstrate the difference. The customer can see and learn, and pay the difference, too, after a few demonstrations of this kind. It follows that where all the



Work for a Double Funeral, by G. Fred Bauerle, Lansing, Mich.



First Prize Automobile of the Park Floral Co., Denver.

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The shoemaker's family proverbially is without shoes, you know.—Ed.

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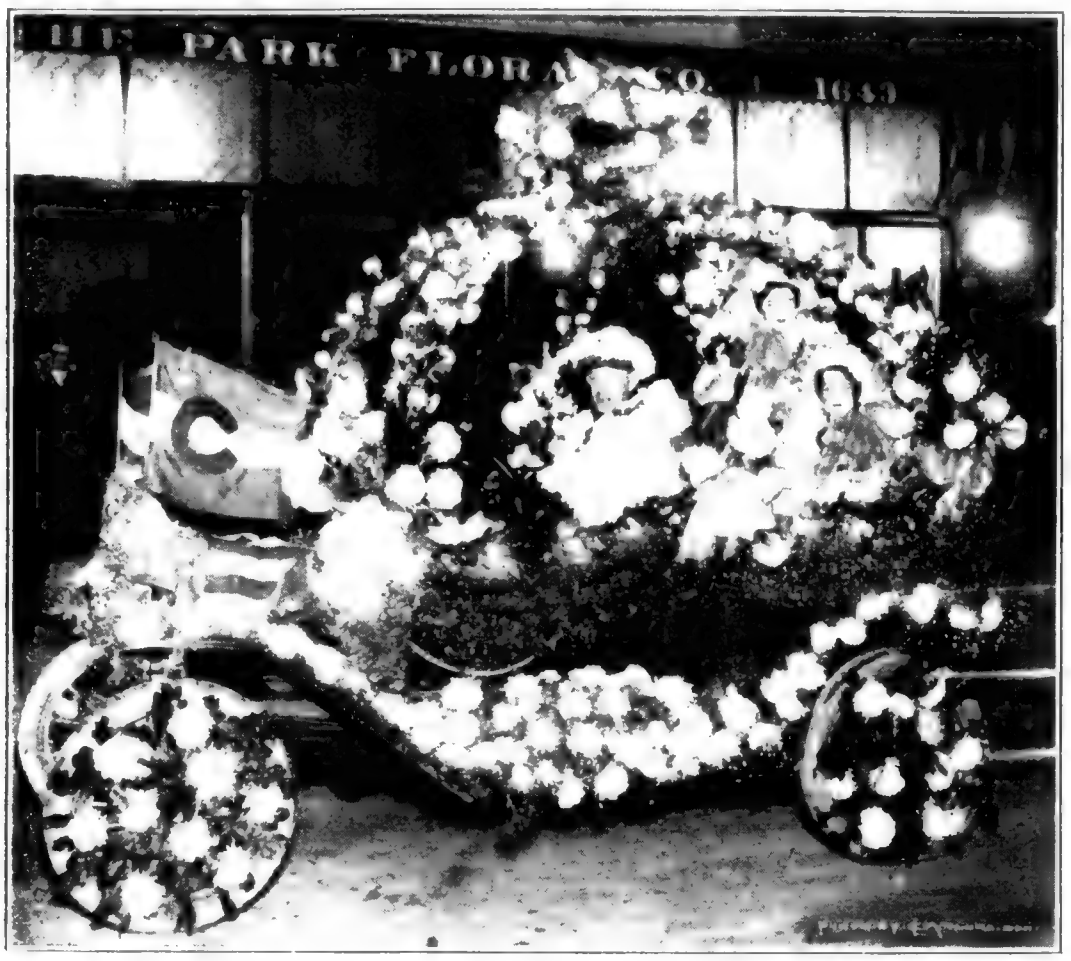
A BEDDING ODDITY.

In Wheeler park, in Oklahoma City, this summer, that part of the gardener's work which has attracted most attention has been the flower box shown in the accompanying illustration. It is a full-sized "automobile," built of cypress and covered with cottonwood bark. The "box" was filled in all its parts with bedding plants, and the affair itself stood in the center of a big oblong bed of alternanthera. The gardener was W. D. Frantz, and in the picture his 7-year-old daughter, Eva Margaret, is seated at the wheel.

Spencer, Mass.—Chas. H. Green has completed a new carnation house, 30x100.



Rustic Auto Filled with Bedding Plants, Wheeler Park, Oklahoma City.



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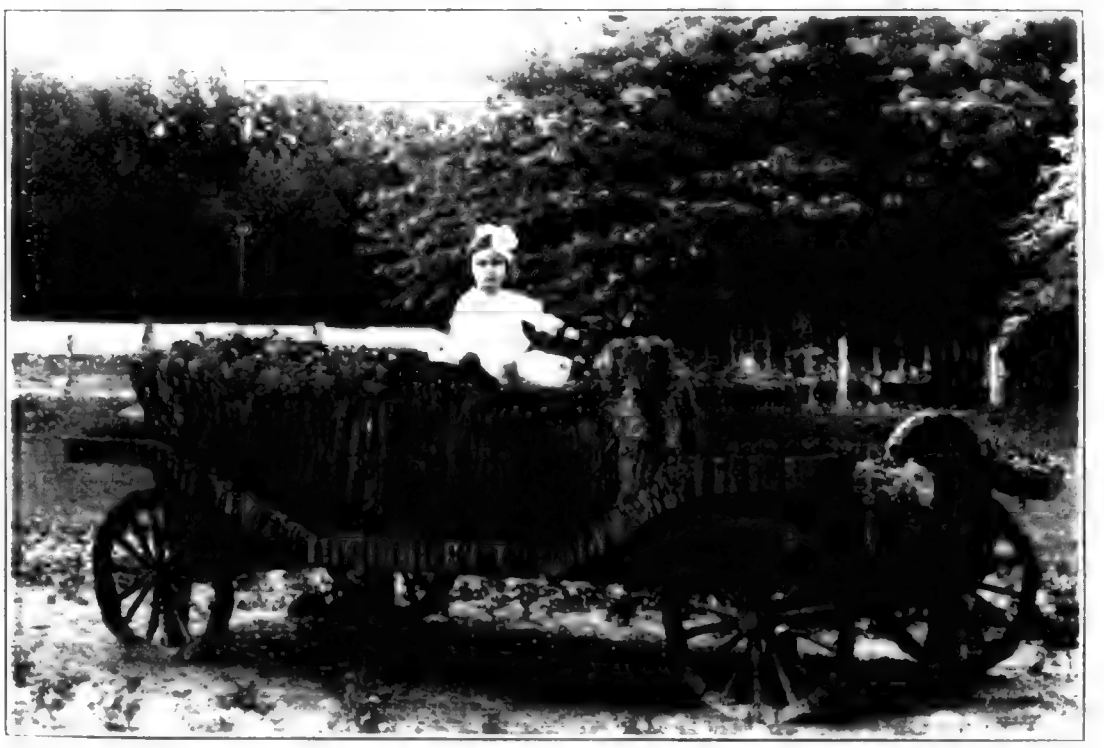
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The Japanese euonymus, E. radicans, also sometimes known as E. Japonica, is perfectly hardy in the northern states; at least, it withstands temperatures as low as 20 degrees below zero without the slightest injury. This is the most valuable hardy evergreen climber we have. It is also excellent grown in bush form, particularly the form E. radicans rotundifolia.

A BEDDING ODDITY.

In Wheeler park, in Oklahoma City, this summer, that part of the gardener's work which has attracted most attention has been the flower box shown in the accompanying illustration. It is a full-sized "automobile," built of cypress and covered with cottonwood bark. The "box" was filled in all its parts with bedding plants, and the affair itself stood in the center of a big oblong bed of alternanthera. The gardener was W. D. Frantz, and in the picture his 7-year-old daughter, Eva Margaret, is seated at the wheel.

Spencer, Mass. -Chas. H. Green has completed a new carnation house, 30x100.



Rustic Auto Filled with Bedding Plants, Wheeler Park, Oklahoma City.

CHRYSANTHEMUM

CHRYSANTHEMUM STOCK.

After Thanksgiving, most of the mums will be cut. A few are usually carried over until Christmas, but Thanksgiving practically finishes the mum season. It is to be hoped that proper provision has been made for another season by reserving an adequate supply of stock plants. Do not tuck these away in any out-of-the-way place, under the benches or in other unsuitable locations. They require a cool house; anything short of actual freezing will suffice and, if planted in benches and properly labeled, they will give an abundance of strong cuttings.

Discard any varieties which are not good sellers and which are becoming obsolete. If you have attended any of the exhibitions, you have no doubt seen one or two sorts you would like to try another season. Secure stock now if you can, as by getting it now you can work up a good batch before spring. The finest commercial pink of the season has been Wells' Late Pink. No grower can afford to overlook this. Mrs. David Syme has sold well among whites. President Roosevelt has come quite a little to the fore—I refer to the mum, not the man. Patty is a charming late pink. Among the old-timers, Bonnaffon and Ivory still seem as popular and fine as ever. Appleton has largely disappeared. Eatons are fewer than in past years and Jeanne Nonin is without a peer as a late white.

Pompons have sold exceptionally well this season, but only certain colors are wanted. Orange and brownish red shades have had the call; next to these are whites and clear yellows. Other shades have been hard to move at any price. The call for good singles has been excellent and nearly all florists are now growing more of them. Garza, the finest of all anemones, has lost none of its popularity. Prices on single-stem flowers have not been as high as usual, but customers now prefer smaller sized blooms and there is more money in growing these three to a plant than in producing the specimen blooms which were so much in favor a few years ago.

BONNAFFON LEAVES SPOTTED.

We send you herewith some leaves of Bonnaffon chrysanthemums that are in a peculiar condition, different from anything we have heretofore seen. Will you please tell us what you can about it? P. C. & S.

The leaves of White Bonnaffon show some traces of leaf spot, although it seems to me that more than anything else they have just reached the stage when the wood gets hard and the leaf naturally ripens, exactly the same as a forest tree or similar vegetation. If these leaves are taken from the bottom of the stalk they will not affect the plant, but if this trouble shows up nearer the flower, then it must be caused by leaf spot. The leaves are quite badly shriveled and it is impossible to tell positively just what the trouble is. It will do no harm, if the crop is not yet in condition to cut, to spray the leaves with a fungicide of some character. We have found Fungine an excellent spray for this work, its chief merit laying in the fact that it leaves no objectionable traces on the foliage, as do the copper solutions.

C. H. Totty.

MUM MRS. HENSHAW.

Charles H. Totty, Madison, N. J., has named one of this year's set of Wells-Pockett chrysanthemums for Mrs. A. M. Henshaw, wife of the senior member of the firm of Henshaw & Fenrich, wholesale florists at New York. Speaking of it, he says: "Chrysanthemum Mrs. Henshaw produces a lovely incurving bloom of the purest snow white. The foliage is exceptionally handsome and the heavy stem carries the flower perfectly erect. Mrs. A. M. Henshaw ranks well among the best of the Wells-Pockett productions."



Chrysanthemum Mrs. A. M. Henshaw.

THE HELEN NEWBERRY.

The increasing popularity of the pompon chrysanthemums and the frequent references which have appeared in The Review regarding Fred Pautke's new white, named Helen Newberry, lend unusual interest to the illustration on page 23. The photograph was made last week at the establishment of Fred Breitmeyer, at Mount Clemens, who is preparing to disseminate the variety in coöperation with the originator.

This is an extremely late white pompon. It was raised at the establishment of Fred Pautke, at Grosse Pointe, Mich., and quickly attracted attention in the Detroit market because it came in after everything else had passed. It is of much the same type as Diana, easily the best of the white pompons, but it can be had much later than that popular variety, the first flowers usually coming in for Thanksgiving. Held on the plant, it may easily be had for Christmas.

EXHIBITION MUMS.

Summary of Best Varieties.

In accordance with my custom for the last seven or eight years, I give herewith a summary of the varieties which a review of the exhibitions seems to show are best in their respective colors. The following have made a good record for themselves:

White—Wm. Turner, Mrs. David Syme, Naomah, Beatrice May and Lady Carmichael.

Pink—F. E. Nash, Lady Hopetoun, Wells' Late Pink, Loiseau-Rousseau, Miriam Hankey and Wm. Duckham.

Yellow—F. S. Vallis, Mary Donnellan, Mrs. J. C. Neill, Chrysanthemiste Montigny, Hon. Mrs. Lopes and Yellow Miller.

Crimson — Pockett's Crimson, W. Woodmason, F. T. Quittenton, Leslie Morrison, Mrs. Partridge and Pockett's Surprise.

Bronze or any other color—Harry E. Converse, Rose Pockett, Howard Gould, Glenview, Mrs. O. H. Kahn and Mary Mason.

The White Sorts.

Reviewing the varieties by colors, Timothy Eaton does not appear in the whites at all, partly because nearly all the eastern shows were over by the time Eaton was in good shape, and partly because it does not have the value as an exhibition flower that it has in some sections commercially.

Merza is finally pushed over the hill and, apropos of this variety, it has taken longer to take it down from its place of honor than any other variety

in existence. It never was quite satisfactory as a cut flower, because the stem was so hard and woody as to cause it to wilt quickly, but it kept cropping up with different growers in marvelous condition year after year and it was impossible to find anything to beat it. Either Turner or Naomah gives a flower of practically the same type, but much larger and much easier to grow.

Onunda still has a place, but as a white it falls down on color. It is not pure white, running from cream to lemon yellow. Were I making this a list of forty or fifty varieties instead of thirty or less, I would include Onunda, but in a closer list of this character I consider it displaced.

Moir was not shown so much as usual and it is a poor shipper, which possibly has helped with its downfall. I must, on its showing this fall, place Wm. Turner at the head of the whites.

Beatrice May and Mrs. Syme fought it out at all of the earlier exhibitions for the place of honor, and finished with the honors generally a little in favor of Syme, as it has superior foliage and can be staged to better advantage.

Novelties that will be heard from in this class next year will be Mrs. Gilbert Drabble, Mrs. A. M. Henshaw and Annie L. Angus.

The Pink Classes.

In the pink classes, F. E. Nash is entitled to the place of honor and it is a pleasure to reflect that once in a while, at least, we get an American seedling big enough to travel in any company. It is true that the color of Nash is a little pale, but with thirty-five points for size, when staged as it has been in several places this fall, it is bound to reach the top.

Lady Hopetoun, at all the shows before the second week in November, was staged in fine shape. Wells' Late Pink also showed up exceedingly well. It has stem, foliage and a good color. Many of the exhibitors insisted on taking the bud with their other varieties, from August 5 to 12. This date is entirely too early for Wells' Late Pink. If one can get a late crown during the first week in September, this is the bud that will produce the heavy flowers and still retain the color.

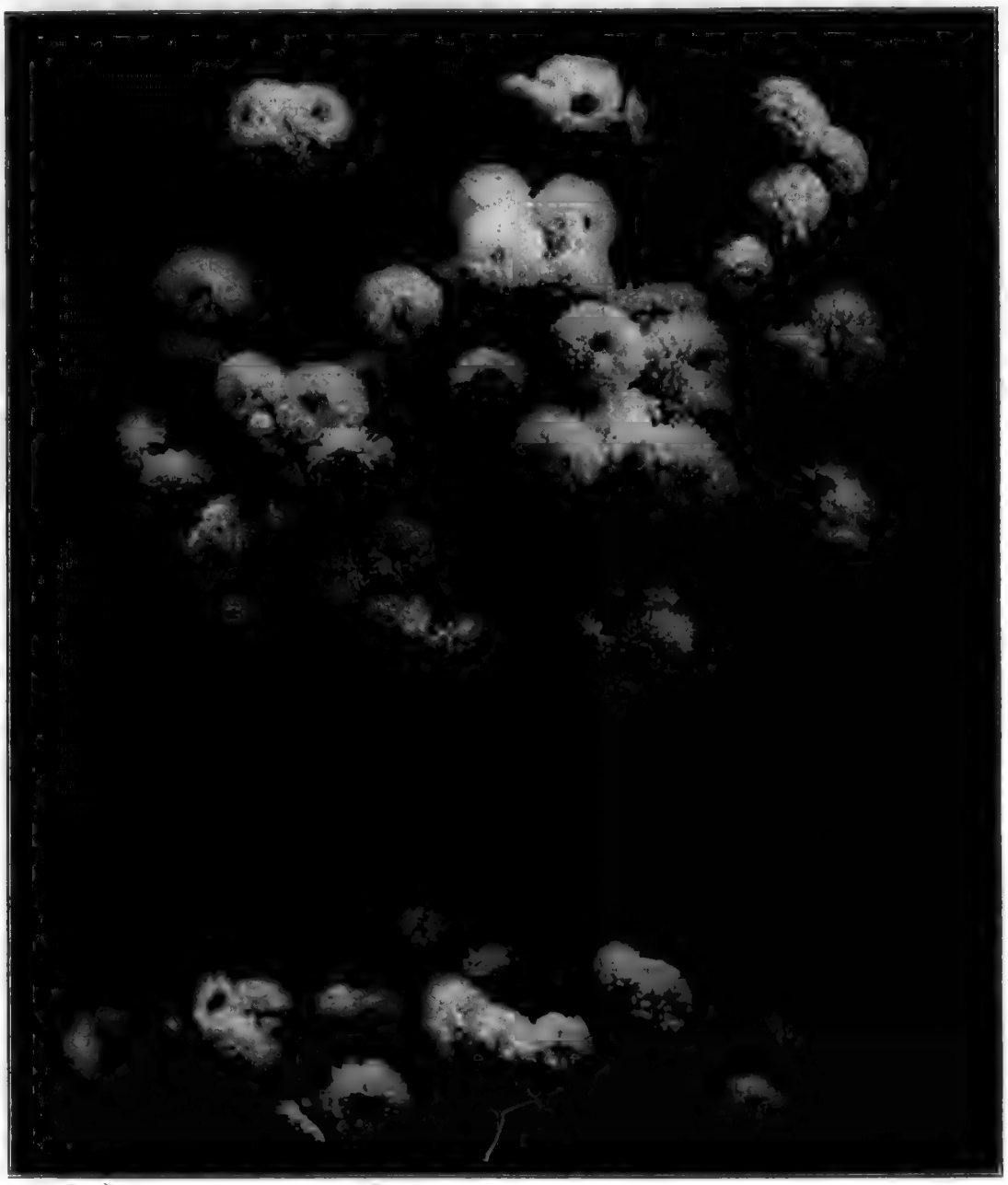
Wm. Duckham is the last variety on this list and it seems as though another year will probably topple it over.

Among the varieties that have passed over the range we must include Frank Payne and Alice Lemon. Frank Payne does not come as large as Lady Hopetoun or nearly as good a color, and Alice Lemon, unless one is fortunate enough to catch the early bud right, does not produce a large enough percentage of first-class flowers. President Viger, though it has been grown big, was always a wretched color. Glen Cove would seem to be a new-comer in this particular class.

The Yellows.

In yellows we are still looking for the ideal. F. S. Vallis must go to the top, as its size carries it through everywhere. J. C. Neill has also been shown in excellent condition. Hon. Mrs. Lopes was shown at nearly all the eastern exhibitions in grand condition. The same is true of Montigny and Yellow Miller.

Varieties that have passed over the range are Col. Appleton, R. F. Felton and Mrs. Geo. Hunt. The first-mentioned stayed with us many years, alternately caressed and abused, but generally managed to finish in first money. The complaint that Appleton has gone back is general, not alone among the exhibition growers, but among commercial growers as well, and poor old Appleton's days are undoubtedly numbered. Mrs. Geo. Hunt seems to have gone the way of all flesh, and Felton, while the color is grand and to my mind unapproached by any other variety, does not throw a large enough flower and soon loses its beautiful shape if kept on the plant a week or so after it is fully developed.



New White Pompon Chrysanthemum Helen Newberry.

Some of the growers, after reading the accounts of the western shows, will say Bonnaffon should certainly have a place. The number of shows in the east is much larger than in the west, and Bonnaffon in all of the eastern shows was conspicuous by its absence, simply because it does not begin to line up for size.

While on the subject of size, I do not wish in any way to be considered as criticising the judges at St. Louis and Cincinnati; judging at its best is a thankless job anyhow, and to criticise a man after he has honestly done his best is poor work; but I do think that the judges, with all due respect to their ability, were too restricted in their ideas. Bonnaffon in some classes scored first where, under a proper scoring on the exhibition scale of the Chrysanthemum Society, which allows thirty-five points to start with for size, Bonnaffon should not have gotten better than third. Another reason why Bonnaffon should not be worshiped by the exhibition judges is because it is grown in such enormous quantities for the market and the general public has seen it so many years that it will welcome other varieties for a change in an exhibition.

In the yellow classes Lenox was shown in good condition in several places and should get into the list next year. I am hoping that Ramapo, the Appleton seedling, will take its parent's place. Whether it will do it or not remains to be seen.

The Crimsons.

In the crimsons, Pockett's Crimson was shown in a most attractive manner. It is hard to beat this variety, as the color is good and, taken altogether, it is a beautiful flower. It is true that both Woodmason and Leslie Morrison showed up in excellent shape and larger flowers might have been staged of these varieties, but not any in such a good color as Pockett's Crimson.

F. T. Quittenton, from a bud taken about the last week in August, was shown by several growers in excellent shape. Many of them took the bud too early and hence the flower, while it had more petalage, was not nearly so attractive.

There are three good novelties in this class that ought to make a showing when generally distributed. They are Wm. Kleinheinz, which I have picked to displace Woodmason, as it is a much better color; Mrs. R. D. Foote and Mrs.

Harry Turner. The last named, from a late bud, will give a flower almost as deep in color as the old Black Hawk and it should make a place for itself.

Bronze and Other Colors.

In the bronze or any other color, the place of honor must be given to Harry E. Converse, a last year's novelty. This variety was good everywhere, simply immense in size and of wonderful color. W. Mease was shown quite considerably in the bronze section and I do not think its day is done, by any means. Rose Pockett also held its own everywhere. Howard Gould and Mrs. Kahn are both striking varieties, and Glenview, when it is caught just right, is still indispensable in this class.

Mrs. G. C. Kelly really has a place in this class, but it is a strong grower and many growers overfed their stock, with the result that it dampened and was not shown nearly so much as I had expected. Another year may possibly place it on the roll of honor.

Novelties coming in this particular class are Mrs. Geo. Burke, bronze, and Mrs. Peter Duff, an old rose color. Mrs. H. Stevens really should not be discarded from this class, but much of the stock was diseased last season, and unless carefully handled it will rapidly pass into the "great beyond."

To answer the question, "Are we still moving forward?" I say, most assuredly, from every point of view. Fewer of the varieties need artificial supports, as they used to in the old Mme. Carnot days; the color in most types is better and large size is now being combined with good form, which was not always the case.

In an early issue I will review the field from a commercial, cut flower standpoint, and see what lessons can be drawn from the season just closing.

Chas. H. Totty.

CHRYSANTHEMUM SOCIETY.

The examining committees have reported as follows:

Boston, November 20, exhibited by Elmer D. Smith & Co., Adrian, Mich., Harvard, crimson, Japanese, scored 87 points commercial scale and 84 points exhibition scale.

The variety exhibited under number at New York, November 1, by A. C. Van Gaasbeck, Orange, N. J., has been named Helen Van Gaasbeck.

The pompon variety of Hartje & Elder, Indianapolis, Ind., has been named Fairy Queen.

Chas. W. Johnson, Secretary.

TO KEEP DRY.

To keep from getting your feet and trousers wet when watering the plants, get a pair of oil "slicker" pants to slip on over your other trousers, and a pair of rubbers, not overshoes; overshoes are too heavy and expensive. Thus you will come out of the job perfectly dry. There is no comparison between the slicker and the old-fashioned apron.

A. G.

Woodbine, Ia.—George Young, the new owner of the greenhouses conducted under the name of the Woodbine Floral Co., has now taken possession of the residence near the greenhouse grounds. A. D. Curtis, who has been with the former proprietors as manager, will remain with Mr. Young.

FROM A GLADIOLUS SPECIALIST.

The article on "Gladiolus Topics," by W. A. Pryal, in The Review of November 16, was exceedingly interesting to me, and also to many others, without doubt. As to whether a variegated leaved gladiolus would or would not prove attractive to the general public, that remains to be seen. As Mr. Pryal states, we grow them for their flowers, but it seems to me that any additional ornamentation should not be despised, providing it is worthy of notice.

I heartily agree with Mr. Pryal's opinion that a few crooked-stemmed gladioli, when added to a vase of the blooms, do much to relieve the usual spiky effect, thus making the arrangement far more graceful.

I enclose a small picture of an enthusiastic 3-year-old specialist; it may serve, in a measure, to illustrate this subject.

There seems to have been a multiplicity of new seedlings of merit on the market of late years, and one's pocket-



Meader's Gladiolus Specialist.

book would soon be exhausted in an attempt to try them all. We would find ourselves "stung" by many which failed to come up to expectations. We are fortunate, however, in having some old, reliable sorts to fall back on, such as America, Augusta, Mrs. Francis King, May, etc., which are always popular and do not disappoint, but form the staff of life of the trusting grower. Variety, though, is the spice of life and undoubtedly we should miss much pleasurable anticipation, to say the least, if we were denied the joys of watching the opening blossom of some new and much vaunted variety and were restricted to but a few sorts

In closing I will say that The Review is to be congratulated upon commencing its fifteenth year, as being an A-No. 1 paper in every respect and one that all branches of the trade should take great pride in supporting.

H. E. Meader.

GLADIOLUS TOPICS.

In reference to the gladiolus with variegated foliage, mentioned in "Gladiolus Topics" in The Review for November 16, I am inclined to believe the variegation in the variety we have is not due to an infirmity, but is one of nature's new ideas in gladioli. We have grown this variety four years and each season the white markings have been more pronounced. It is also noticeable in the leaves of some of the bulblets, while others from the same bulb show no traces of it. Of course this may not amount to anything, but it seems to me that there is a place for variegated foliage. Would not a bunch of dark red blooms with green and white foliage be attractive? The way in which the gladiolus has responded to all efforts in hybridization and intense cultivation in the last few years should prepare us for new and unlooked for forms and variations which are bound to come, and we should be careful lest, in seeing, we see not the first little signboard which guides us into the new field of improvement.

Yes, there is surely a place also for a few crooked stems. Many times we have arranged branches of the blooms, some with a crooked stem or two, over the jar, and others with straight, stiff spikes, and in nearly every instance the former were the more admired.

Mrs. A. H. Austin.

BERRIED PLANTS.

Ardisia crenulata is always a splendid selling plant for Christmas, but it is not possible to sell it at any such price as berried solanums or Christmas peppers, as it is a slow growing subject. The berries must be ripe, or at least a good proportion of them, if the plants are to sell. Each year growers of ardisias seem unable to ripen them on time and it means a whole year's wait, in such cases, before there is any further chance to move them. Any plants, therefore, which are not well colored should be given all possible sunlight in a temperature of 60 degrees at night to forward them. If there are only a few plants, elevate them on inverted pots. Use the hose on them to keep the foliage clean. Plants well ripened can be given a cold house. They are one of the best subjects to use for the store windows at this season.

Berried solanums are easily grown and there is never any trouble in ripening them on time; in fact, if they are not given a moderately cool house, some of the fruit is liable to shake off before Christmas. As they do not mind a few degrees of frost, they can be stood in quite draughty places in the store, or even outdoors, unless the weather is cold. Pot-grown plants ripen a trifle earlier than those which were lifted from the open, but do not make such fine plants. Those propagated from cuttings also make sprawly plants, not comparable in quality with seedlings. Solanums want an abundance of water, and some spraying or fumigating is necessary to keep them clean of green fly.

Christmas peppers find favor with many. They are more tender than the solanums and never make so neat a pot plant. They should have a warmer house to ripen the berries properly. A carnation temperature answers well,



Greenhouses and Frames of the Halifax Garden Co., Halifax, Mass.

but if they are backward let them have 60 degrees at night and all possible sunlight.

Berried hollies, aucubas and skimmias are now arriving from Europe. There is always a danger of their balls of earth becoming dry in transit, so be sure to soak them well in tubs of water as soon as they are unpacked. The better quality hollies are often shipped over in tubs, but even these get much dried and to save them the roots must be thoroughly wet and kept in that condition. These plants are useful for standing outside the stores, not being affected by the cold unless it is quite severe.

THE HALIFAX GARDEN CO.

One of the largest of the greenhouse establishments in Massachusetts, devoted to flowers and vegetables, is that of the Halifax Garden Co., Halifax, situated thirty miles from Boston, ten miles from historic Plymouth and twelve miles from the important shore city of Brockton. There are thirteen houses here, covered by 150,000 square feet of glass. Nearly all of them are 40x300 feet and thoroughly up-to-date in every respect. For several years vegetables were grown exclusively, but during the last two or three years flowers have occupied the greater portion of the glass.

During the last two years exhibitions have been given each fall and spring, invitations being extended to the general public for many miles around by means of printed invitations and newspaper advertisements, and the response has been remarkable. November 11 and 12 last, carriages and autos in hundreds were to be seen lined up near the greenhouses and an attendance of several thousands was recorded.

The flower rooms and packing sheds were tastefully arranged with evergreens and branches of autumn foliage. Tables were loaded with large vases of carnations and chrysanthemums in flower, and boxes and baskets of vegetables specialized in were noted, all labeled with neatly printed cards, so that he who ran could read. These exhibitions move a lot of stock and prove a splendid advertisement for the firm.

The chrysanthemums, of which some 60,000 are grown, were a little past the height, but many fine flowers were seen. The following varieties are found excellent commercially: Merza, J. A. Miller, Winter Cheer, Bonnaffon, Mlle. Marie Liger, Black Hawk, Mrs. Kelley, Alice Byron, Cullingfordii, Beatrice May, Dr. Enguehard, John Shrimpton, Rousseau, Mrs. Wm. Duckham, W. T. Brock and White Bonnaffon. Quite a number of pompons and singles are also grown.

The carnations number 50,000 and fill four of the large houses. These all looked remarkably well and were giving a splendid lot of flowers. White Wonder and Gloriosa each looked first-class. White Perfection was carrying immense flowers and Pink Delight was flowering with great freedom. Other sorts grown are Mrs. C. W. Ward, Enchantress, White Enchantress, Sangamo, Dorothy Gordon, Beacon, Winsor, Winona, May Day and Apple Blossom.

Sweet peas occupied one house. The varieties grown are Florence Denzer, Watchung, Christmas Pink and Wallacea. Some of these were already flowering. One division was planted with stock plants of the best geraniums for bedding, which is a new industry here.

Cucumbers occupy three houses. The variety is a selection of White Spine which W. E. Lenk, the superintendent, finds better than any he can buy. The cucumbers were carrying grand crops, with no signs of organic or insect troubles. Lettuce was formerly heavily grown, but shipments from the south have caused low prices, making the indoor lettuce unprofitable. One large house is planted with water cress and parsley, and one with tomatoes, the variety being Comet. The latter was being picked in quantity at the time of our visit.

Sterilization of the soil is practiced for all crops, Mr. Lenk believing this to be necessary for the attainment of first-class results. Last season, as an experiment, he soaked the borders of one house with boiling water, running his whole battery of four 125 horsepower boilers in order to keep the water boiling, and delivering it on a 15-pound pressure. He is so well pleased with the results that he will probably extend its use the coming season. His objection to sterilization is that certain outlets are liable to become clogged, with the result that some portions are not properly sterilized. A man using boiling water soaked the borders of a house 40x300 in two days.

All flowers grown here are sold through the Boston Flower Growers' Sales Co., at the Boston Flower Exchange. Mr. Lenk, the manager, was formerly with the well-known firm of Hittinger Bros., Belmont, Mass.

Oneonta, N. Y.—John Strong says business might be better, but as stock was backward it was just as well. It is more brisk now and stock is in fine shape.



In the Packing Shed at the Exhibition of the Halifax Garden Co.



Bulbs Flowering in the Open at Robert Klagge's, Mt. Clemens, Mich.

CARNATION RUST.

Enclosed you will find some leaves from my carnations, which are affected with some kind of rust. Will you please state what would be a remedy for this?
R. C. H.

Your carnations are affected with the common carnation rust. I know of nothing that will kill the spores and your only relief will be in controlling it. You can keep it inactive by keeping it dry, as all these diseases require some moisture to start them into activity. If you have been spraying overhead much, discontinue it altogether for a time and water only the soil between the plants. Paint a pipe in each house with sulphur and lime, to help keep the atmosphere dry. If the rust seems to be spreading, you can pick off the leaves which bear the pustules, and thereby destroy a great many of the spores. A. F. J. B.

RUST ON ENCHANTRESS.

I am enclosing some foliage from a bench of Enchantress carnations. Will you kindly tell me whether the trouble is rust and what are the causes and the remedy? Would a dressing that was not well rotted, in the soil in which they are planted, cause it? Y. F. C.

Your carnations are affected with the common carnation rust. You will find this subject covered in the reply to R. C. H., in the preceding item. The dressing you speak of would not likely have been the sole cause of the rust, but it may have contributed toward it by producing a foul condition of the atmosphere. A. F. J. B.

AMERICAN ROSE SOCIETY.

Detroit flower people are wide-awake in giving full local notice to their 300,000 people that the American Rose Society will arrive in the city January 10, 1912. The premium list is out and any additions as specials will be placed therein as fast as they come, because for years past these specials have been given even up to the last days. Twenty-four persons have subscribed to the guarantee fund; Chicago people will do their best, and this means a great deal.

A public show of this kind, in which roses, carnations and local treasures will combine to fill the large crystal palace, known as the Wayne pavilion, is certain to be so attractive in a city of homes and gardens like Detroit that the place will be well filled. Wallace R. Pierson has been on a missionary tour of good will from east to west.

Do you know that the American Rose Society has only granted two gold medals? The last one was voted to Mr. M. H. Walsh, and this medal of pure gold was duly forwarded to him for his Ramblers. And herein lies a bit of affection: When the name for which the medal was given was asked, Mr. Walsh remembered his wife and had it named after what is said to be the finest white rose—Mrs. M. H. Walsh. Good for Mr. Walsh.

The executive committee will meet shortly to go over all details pertaining to the coming annual meeting. Several committees will have reports to make.
Benjamin Hammond, Sec'y.

NAMES OF PLANTS.

We are growing at present a number of plants which we have picked up and we desire to continue them, but wish to get the name of each specimen. I am forwarding specimens under separate cover by this same mail. The ferns are those obtained among the assorted table ferns. All the other specimens will convey their own message, except the moss and the other green plant, which is numbered 1. These two latter are gathered from the woodland and are hardy. Can you inform us of their names? L. J. B.

No. 1 and No. 2 are members of the hypneæ or hypnum mosses, and have no special value, except when dried for packing material. No. 3 is Geranium Pride of Mount Hope. Nos. 4 and 5 are two pompon chrysanthemums, but the flowers were not in condition for identification. No. 6 is Begonia Ingrami; No. 7, Tradescantia fluminensis striata; No. 8, Tradescantia fluminensis viridis; No. 9, Pteris adiantoides; No. 10, Pteris Cretica albo-lineata; No. 11, Pteris Ouvrardi; No. 12, Pteris Mayii. W. H. T.

WITH KLAGGE AT MT. CLEMENS.

Any readers of The Review who do not already know Robert Klagge, of Mount Clemens, Mich., may become acquainted to some extent with him and his enterprises by means of the four pictures here presented, and the many readers who already know him will be glad to renew the acquaintance by seeing in these pages the "counterfeit presentment" of him and some of his possessions.

Mr. Klagge's portrait tells its own story both clearly and pleasingly. The other three illustrations give different views of his planted fields. In one picture his two daughters are seen, though not nearly as distinctly as



Bulbs Flowering in the Open at Robert Klagge's, Mt. Clemens, Mich.



Robert Klagge.

might be wished. Another picture shows various signs of life and activity, such as the automobile with its occupants and the other figures standing near; also the wagon loaded with boxes, which contain valley ready for the storage shed. And do not overlook the cow, which has evidently been led into the picture as a representative of the dairy which is run in connection with the flower business.

Mr. Klagge grows cut flowers and bulbous stock, devoting 110,000 square feet of glass to their culture. In addition to this, he plants some acres of his outdoor fields with Dutch bulbs, averaging over one million bulbs. His entire output goes to the Michigan Cut Flower Exchange, of Detroit. He also forces over 300,000 valley and grows a large variety of hardy plants. At present he is cutting fine carnations from a house planted early in May.

He is a progressive and enterprising florist and a visit to his plant at any time of the year is sure to be impressive and instructive. Herman Klagge, his son, is his assistant manager and is an industrious and energetic young man.

FORCING LILY OF THE VALLEY.

Please give cultural directions for forcing lily of the valley. How much time is required to bring it into bloom, using cold storage pips? F. E. S.

Specialists who force lily of the valley in large quantities use separate houses for them. Others, whose output may be 1,000 to 5,000 per week, utilize a side bench in a house where the requisite bottom and top heat can be had. It takes from three to four weeks to force cold storage pips into flower, according to the season and the temperature of the house utilized. A bottom heat of 85 degrees, with a top heat 25 to 30 degrees lower, is what lily of the valley requires.

A case of any required length should be built over the heating pipes, enclosing the latter, of course. Either slate or wooden bottoms will do, though the former are preferable. Clear sand is the simplest and cleanest material to pack the pips in. Soil is not needed, as they make no roots while being forced. A soaking watering will be required once a day, but care must be taken not to wet the flower stems after the bells have started to open, or they will damp. Use six to eight inches of the sand. A covering of moss can be laid over the pips, the tops of which should not be covered by the sand. Keep the sashes closed tightly for a few days. Admit air as growth advances, ventilating more freely as the spikes push. As the flowers start to open, give more light, in order to make the stems and flowers have more substance. If foliage is desired, more light must be given than where flowers only are wanted.

The glass sashes must be covered with cloth, to darken them effectually during the early stages of growth. Toward spring the pips will not require so much bottom heat, nor need they be kept so long in the dark. Good foliage is then easily obtained, but at this season it is difficult to get it. It is better not to use freshly imported pips for forcing until January, or a large percentage will either fail to start or will give but few spikes.

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Establishment of Robert Klagge, Mt. Clemens, Mich., in Spring.



Bulbs Flowering in the Open at Robert Klagge's, Mt. Clemens, Mich.

CARNATION RUST.

Enclosed you will find some leaves from my carnations, which are affected with some kind of rust. Will you please state what would be a remedy for this?
R. C. H.

Your carnations are affected with the common carnation rust. I know of nothing that will kill the spores and your only relief will be in controlling it. You can keep it inactive by keeping it dry, as all these diseases require some moisture to start them into activity. If you have been spraying overhead much, discontinue it altogether for a time and water only the soil between the plants. Paint a pipe in each house with sulphur and lime, to help keep the atmosphere dry. If the rust seems to be spreading, you can pick off the leaves which bear the pustules, and thereby destroy a great many of the spores. A. F. J. B.

RUST ON ENCHANTRESS.

I am enclosing some foliage from a bench of Enchantress carnations. Will you kindly tell me whether the trouble is rust and what are the causes and the remedy? Would a dressing that was not well rotted, in the soil in which they are planted, cause it? Y. F. C.

Your carnations are affected with the common carnation rust. You will find this subject covered in the reply to R. C. H., in the preceding item. The dressing you speak of would not likely have been the sole cause of the rust, but it may have contributed toward it by producing a foul condition of the atmosphere. A. F. J. B.

AMERICAN ROSE SOCIETY.

Detroit flower people are wide-awake in giving full local notice to their 300,000 people that the American Rose Society will arrive in the city January 10, 1912. The premium list is out and any additions as specials will be placed therein as fast as they come, because for years past these specials have been given even up to the last days. Twenty-four persons have subscribed to the guarantee fund; Chicago people will do their best, and this means a great deal.

A public show of this kind, in which roses, carnations and local treasures will combine to fill the large crystal palace, known as the Wayne pavilion, is certain to be so attractive in a city of homes and gardens like Detroit that the place will be well filled. Wallace R. Pierson has been on a missionary tour of good will from east to west.

Do you know that the American Rose Society has only granted two gold medals? The last one was voted to Mr. M. H. Walsh, and this medal of pure gold was duly forwarded to him for his Ramblers. And herein lies a bit of affection: When the name for which the medal was given was asked, Mr. Walsh remembered his wife and had it named after what is said to be the finest white rose—Mrs. M. H. Walsh. Good for Mr. Walsh.

The executive committee will meet shortly to go over all details pertaining to the coming annual meeting. Several committees will have reports to make.
Benjamin Hammond, Sec'y.

NAMES OF PLANTS.

We are growing at present a number of plants which we have picked up and we desire to continue them, but wish to get the name of each specimen. I am forwarding specimens under separate cover by this same mail. The ferns are those obtained among the assorted table ferns. All the other specimens will convey their own message, except the moss and the other green plant, which is numbered 1. These two latter are gathered from the woodland and are hardy. Can you inform us of their names? L. J. B.

No. 1 and No. 2 are members of the hypneae or hypnum mosses, and have no special value, except when dried for packing material. No. 3 is Geranium Pride of Mount Hope. Nos. 4 and 5 are two pompon chrysanthemums, but the flowers were not in condition for identification. No. 6 is Begonia Ingrami; No. 7, Tradescantia fluminensis striata; No. 8, Tradescantia fluminensis viridis; No. 9, Pteris adiantoides; No. 10, Pteris Cretica albo-lineata; No. 11, Pteris Ouvrardi; No. 12, Pteris Mayii. W. H. T.

WITH KLAGGE AT MT. CLEMENS

Any readers of The Review who do not already know Robert Klagge, of Mount Clemens, Mich., may become acquainted to some extent with him and his enterprises by means of the four pictures here presented, and the many readers who already know him will be glad to renew the acquaintance by seeing in these pages the "counterfeit presentment" of him and some of his possessions.

Mr. Klagge's portrait tells its own story both clearly and pleasingly. The other three illustrations give different views of his planted fields. In one picture his two daughters are seen, though not nearly as distinctly as



Bulbs Flowering in the Open at Robert Klagge's, Mt. Clemens, Mich.



Robert Klagge.

might be wished. Another picture shows various signs of life and activity, such as the automobile with its occupants and the other figures standing near; also the wagon loaded with boxes, which contain valley ready for the storage shed. And do not overlook the cow, which has evidently been led into the picture as a representative of the dairy which is run in connection with the flower business.

Mr. Klagge grows cut flowers and bulbous stock, devoting 110,000 square feet of glass to their culture. In addition to this, he plants some acres of his outdoor fields with Dutch bulbs, averaging over one million bulbs. His entire output goes to the Michigan Cut Flower Exchange, of Detroit. He also forces over 300,000 valley and grows a large variety of hardy plants. At present he is cutting fine carnations from a house planted early in May.

He is a progressive and enterprising florist and a visit to his plant at any time of the year is sure to be impressive and instructive. Herman Klagge, his son, is his assistant manager and is an industrious and energetic young man.

FORCING LILY OF THE VALLEY.

Please give cultural directions for forcing lily of the valley. How much time is required to bring it into bloom, using cold storage pips? F. E. S.

Specialists who force lily of the valley in large quantities use separate houses for them. Others, whose output may be 1,000 to 5,000 per week, utilize a side bench in a house where the requisite bottom and top heat can he had. It takes from three to four weeks to force cold storage pips into flower, according to the season and the temperature of the house utilized. A bottom heat of 85 degrees, with a top heat 25 to 30 degrees lower, is what lily of the valley requires.

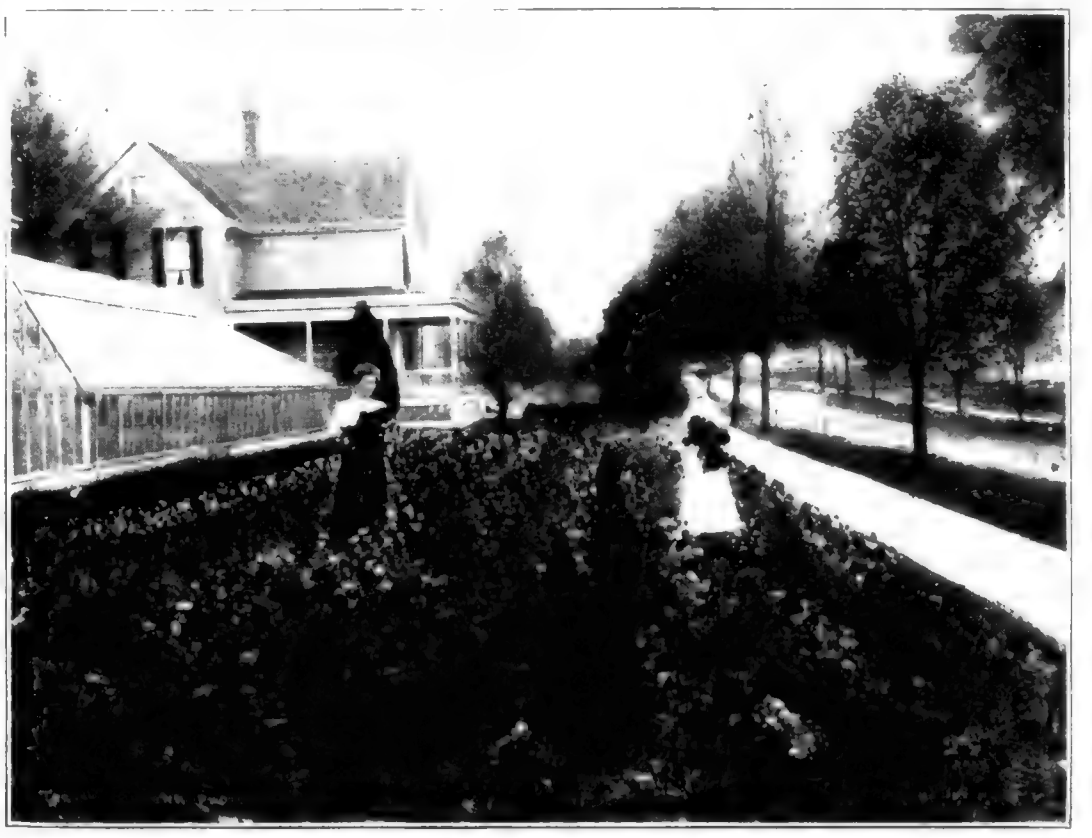
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SEASONABLE SUGGESTIONS

Cyclamens.

The small seedlings should receive a little attention. Those started in August are now making their second leaves and are ready to go into flats of light, sandy soil, containing at least one-half leaf mold. Allow them two inches apart each way and keep the flats on a shelf close to the glass in a night temperature of 55 degrees. Scratch over the surface soil occasionally, so that no scum can form.

Any who may have omitted the sowing of cyclamens can still sow the seeds and get nice plants in 4-inch and 5-inch pots for Christmas, 1912, and later. Do not buy a cheap strain, and buy separate colors such as red, white and pink; the dull purple shades no one wants at any price. Give the seeds a moist house kept at 60 degrees at night.

Poinsettias.

The bracts of poinsettias now are developing nicely, those kept at the warmest end of the house being in some cases nearly fully expanded. Water with care, as after building up a good plant with clean, dark foliage, it is too bad to have a crop of golden leaves come just when the plants are salable. Use liquid manure twice a week while the bracts are developing. Some soot added to the cow or sheep manure will help to keep the foliage of a rich green color. While the bracts are expanding, the plants should have a good heat, 60 to 65 degrees at night. When fully opened the temperature can be gradually lowered 10 degrees; the bracts keep much better in water when this has been done. Endeavor to get all the poinsettias well opened for Christmas, as you can hardly move them at any price when the holidays are over.

Schizanthus Wisetonensis.

Now is a suitable time to make a sowing of Schizanthus Wisetonensis, a pretty annual and excellent pot plant for Easter flowering. Sow in pans or flats in a cool house and pot off singly before the seedlings can become drawn or crowded. Always grow schizanthus cool; 45 degrees at night is ample, and the lighter the position it has the stockier will be the plants. A little judicious pinching in the early stages of growth will make the plants more shapely.

Cinerarias.

From an early sowing it is possible to get some cinerarias in flower for Christmas. Such plants should now be afforded a temperature of 50 degrees at night. To advance them, a spraying overhead on warm days will be found beneficial. Give an abundant water supply, and liquid manure twice a week will be appreciated. Later plants should be kept potted along before the balls become too much matted. Use a rather rich compost of three-fourths loam, one-fourth cow or horse manure, well decayed, and a dash each of fine bone and sharp sand. Press the soil quite firmly in the pots. The cooler and airier cinerarias are grown, the better they will be.

Mignonette.

With more steadily cool weather the spikes of mignonette are improving in quality. Mignonette, to be seen at its best, must be grown in a low temperature and the minimum should be kept as near 40 degrees as possible. Do not make the rather common mistake of keeping the house 5 to 10 degrees warmer with the idea of getting in a good Christmas crop. This will only weaken the plants and spoil the quality of the spikes later in the season. Be sure that the supports are always placed in position before the stems have any chance to get twisted. Carnations supports are useful while the plants are small, but later galvanized wires running lengthways of the house, with cross strings as for carnations, will be found a satisfactory support. Mignonette likes a good water supply and the soil should never approach dryness. A mulch of well decayed manure, if not yet given, should now be applied. Fumigate lightly, as mignonette is easily scorched.

The Editor is pleased when a Reader presents his ideas on any subject treated in

The Weekly Florists' Review

As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU

Gladioli.

With the passing of Thanksgiving there will be some bench space which can be given to the large flowering gladioli. Of these the following will be found excellent indoor varieties and good sellers in the market: America, still the most popular of all, the price now so moderate that anyone can afford to grow it; Mrs. Francis King, red; Shakespeare, white and rose; Augusta, an inexpensive white variety, the most popular of its color; Brenchleyensis, still one of the best light scarlets, and May, white flaked crimson. This makes an excellent half dozen for forcing. There is no need to renew the chrysanthemum soil; give it a dressing of well decomposed manure and spade it over. Do not use fresh manure, as it will be found harmful to gladioli. A night temperature of 50 degrees will be found about right.

If not yet housed, get a few flats of the small-flowered gladioli in heat at once. These will not stand hard forcing; 50 degrees at night must not be exceeded. Such varieties as Colvillei The Bride, Blushing Bride and Peach Blossom, if sprouted a couple of inches, are all right for housing.

Lilium Candidum.

Easter comes rather early next year and in order to get Lilium Candidum in flower at that time without hard forcing, some of the plants, which prior to this should have been exposed to considerable frost, should be placed in a cool greenhouse; 45 degrees at night is ample for a start, with a rise of 5 degrees a little later. Never attempt to force them as you would longiflorums, or you will spoil them.

NEW YORK.

The Market.

A better tone characterized the cut flower market last week and the improvement gives evidence of stability as the new week opens. There is a shortening of shipments and a good demand for everything, but up to date only a slight advance in prices. Large shipments of everything were predicted for Wednesday. Violets were the possible exception. These seemed likely to touch $1.25 per hundred and $1 seemed assured for all first-class stock. A good many of the Rhinebeck growers now ship direct to the smaller cities. All last week the specials held steadily at 75 cents. The quality now is perfect.

The shipments of chrysanthemums continue large for so late in the season. Prices have not advanced materially, with some splendid stock of the older varieties as low as $10 per hundred, while $3 per dozen is the exception rather than the rule. The pompons sell at 20 to 30 cents a bunch, which is about the rate at which the Paper Whites are sold. Of the latter there is an early and an abundant supply. The orchid supply consists of vandas, oncidiums, cypripediums, phalænopsis and cattleyas, and prices have been firm at the advance, with 75 cents to $1 as the top for selected cattleyas. There is a good demand, including considerable shipping, with many out-of-town orders booked for the holiday.

Carnations are on the up grade and good stock of the specialties and new varieties brings $3 to $4 per hundred. Little of the carnation shipments now arriving sells as low as $2 per hundred. Some of the novelties bring $4 and

so do Alma Ward, Mrs. Ward and Wodenethe. Gardenias when perfect bring $4 to $5 per dozen. Some short-stemmed and inferior stock is forced to the street for an outlet. Sweet peas are improving in quality and price and are disposed of quickly. Valley is selling at from 3 cents down, and there is none too much of the top grade. Lilies are abundant and 5 to 6 cents is the maximum price. Callas are becoming plentiful and are quoted at $1 to $1.25 per dozen. Lilac is in the market, also plenty of mignonette, antirrhinum, cosmos and Roman hyacinths.

The new roses, Taft, Bulgarie and Lady Hillingdon, are about all sold before they reach the market and from 10 to 15 cents is realized for them. Of the older varieties 5 and 6 cents would purchase the best of them last week and there was enough for all, the street taking the surplus which the department stores could not dispose of, the lower grades selling at times under $10 per thousand. American Beauties are now of grand quality and $4 to $5 is the price for them. They will probably touch 50 cents this week.

Various Notes.

The meeting of the Florists' Club will be held Monday evening, December 11. This will be the most important session of the year, because of the election of officers for 1912. There will be exhibits of novelties and Chairman Rickards promises a turkey collation.

R. Vincent, Jr., White Marsh, Md., is in the city, after a very successful and enjoyable lecture trip through the west.

James McNance, with Central park during the last twenty-five years, died suddenly of heart failure November 26.

P. B. Rigby, manager of the New York branch of the Pennock-Meehan Co., reports a pleasant visit at the greenhouses of C. H. Totty, at Madison, November 21. He was accompanied by Messrs S. S. and Casper Pennock, Scott, Meehan, Mills, Harris Mortensen, Gracey and Fancourt, all of Philadelphia.

W. C. Smith, the galax merchant, of Marion, was in the city last week, calling on his New York agents.

The auction season closes next week. Good audiences have attended the late sessions and an immense quantity of hardy stock, bulbs and evergreens has been disposed of. The season around New York has been exceptionally favorable for late planting.



Cyclamens at J. A. Peterson's, Cincinnati, During Show Week.

Three weeks are left before the Chrismas festivities. Holly is already here, and was used freely for Thanksgiving. The green goods supply men are already busy with wreathing and the Christmas trees will be here before the end of the week.

J. H. Troy, of New Rochelle, has recovered from the accident of five weeks ago.

It would take one of H. E. Froment's force more than half his time to count the Killarney roses that come from the big greenhouse plant of L. B. Coddington, Murray Hill, N. J.

P. J. Smith says his count of the wholesale florists in New York and Brooklyn equals the record of Heinz, the pickle man, there being exactly fifty-seven so-called wholesalers in the business here. This includes the late additions and the speculators.

Congratulations were many November 21 to Mr. and Mrs. Riedel on the occasion of the fourteenth anniversary of their wedding.

J. J. Coan, of the Growers' Cut Flower Co., says his best mum sellers this year have been Bonnaffon, Maud Dean, Eaton and Chadwick. The shipments have been enormous.

E. W. Fengar, of Irvington, N. J., has been sending grand Chadwicks and Pockett's Surprise to the New York market, realizing for some specimens of the latter variety $9 a dozen wholesale.

Fine gardenias and cattleyas are coming from the plant of the W. S. Young Co., of Bound Brook, N. J.

Large quantities of chrysanthemum plants were disposed of last week by M. C. Ford, Ivory especially proving popular. Hession's carnations are quite up to their record of past years in quantity and quality.

One of Gunther Bros.' specialties now is the caladium, the leaves of which find a ready sale.

Mrs. Will Kessler is installed as office manager for Kessler Bros.

The veteran J. J. Allen says that in his quarter century experience he has never seen finer roses than this month, the old Maid and Bride not excepted.

Geo. Saltford says he received advance orders for his entire output of violets at Rhinebeck for Thanksgiving.

J. V. Phillips, of Brooklyn, has added an auto delivery to his conveniences and is having a good season.

At R. G. Wilson's on Greene avenue, Brooklyn, the large windows are ablaze with color. The electric effects are most attractive.

J. Austin Shaw.



Phoenix Roebelenii and Dracaenas at J. A. Peterson's.

AT PETERSON'S.

During the recent flower show at Cincinnati most of the trade visitors found their way to the establishment of J. A. Peterson, widely known in the trade as the home of Begonia Glory of Cincinnati and other specialties. Mr. Peterson long ago established his reputation as a first-class plantsman and there always is something of interest to see at this place. One of the visitors carried a camera, so that Review readers are afforded, through the illustrations on this page, a glimpse of the houses as they appeared early in November.

MINNEAPOLIS.

Mr. and Mrs. W. D. Desmond celebrated their tenth wedding anniversary at their home on Portland avenue, November 20, when about sixty-five guests were entertained, most of them in the trade, for Mr. Desmond is manager of the flower department of the

Donaldson Co. The home was handsomely decorated with cut flowers and plants. During the evening there were music and dancing.

The guests included Messrs. and Mesdames C. Vasetka, R. Latham, H. Wimperis, G. Howard, J. Jorgeson, W. McCullough, W. Schloser, C. Maurer, W. Hamlin, H. Beckwith, J. Taylor, W. Staats, S. Raymond, H. Hamwell, W. Robinson; Mesdames A. Beckwith, C. French, C. Riley, D. Desmond, A. Navarre, Wm. Salter, C. Sauset, J. J. Flynn, W. Manuel; the Misses C. Hamlin, R. Hunt, G. Du Rose, G. Beckwith, E. Sather, Belle Houts, D. Anderson, M. Rehl, I. Riley, E. Anderson, and Messrs. A. Miller, of Chicago; E. Todd, of International Falls; H. Will, C. H. Du Rose, A. T. Deschene, C. Melby, J. Munson, A. Blacketter and D. Kenny.

NEW ORLEANS.

The Market.

The week from November 19 to 25 proved to be the best during the present season. The convention of the American Bankers' Association, held here during that period, brought several thousand wealthy strangers to the city and surely made things lively. Many elaborate social functions given in their honor called for daily decorations of plants and cut flowers and all the retailers were able to use extra shipments of the best cut flowers in the market.

The flower stores were exquisitely decorated for the occasion, but nearly all the dealers are yet compelled to get their supply from northern points. The outdoor cut flowers, with the exception of a few mums and tuberoses, are gone, and early sweet peas and bulbous stock will not be in bloom until the middle of December.

The new home of the Progressive Union was opened November 20, and several local florists united in decorating artistically the entire building with plants and cut flowers.

Various Notes.

Charles Eble's store always attracts attention and he is doing a most satisfactory business.

C. W. Eichling has his avenue store and conservatory in fine shape. He reports a constant increase in trade and says the sale of English rye grass for winter lawns, which is a specialty with him, is larger than ever.

The Metairie Ridge Nursery's new flower store had a constant grand display of fine home-grown roses, chrysanthemums and foliage plants and reports a busy week.

J. A. Newsham, the local orchid specialist, did some heavy shipping recently to the north and west. His plant is the largest in the south; the stock is in a healthy condition and comprises some twenty varieties of cattleyas and thirty varieties of dendrobiums and oncidiums.

U. J. Virgin disposed of an immense stock of choice cut flowers this season, and had a large number of lavish decorations, especially during convention week.

J. C. Quinette was appointed by Governor Sanders to act as delegate from Louisiana to the Fourth National Horticultural Congress and Exposition, to be held in St. Joseph, Mo., November 23 to December 2.

Among the members of the New Orleans Horticultural Society who donated the plants and cut flowers for the Progressive Union's new home, were: U. J. Virgin, Claude Ory, Steckler Seed Co., Abele Bros., J. C. Quinette, P. A. Chopin and H. Doescher. R. E.

ROCHESTER, N. Y.

The Market.

The week of November 20 opened with brisk business and a scarcity of roses. The dull weather that had been prevalent for some time made stock scarce; besides, a large number of growers were holding back stock for Thanksgiving orders. There were few chrysanthemums on the market last week and the greater percentage of them was poor. Bonnaffon, Golden Wedding, Eaton, Maud Dean and Jerome Jones were among the best sellers.

Pink Killarney roses are scarce and there are hardly enough to fill the demand. The few that are available are par excellence in the specials, but the short-stemmed ones are poor. Double White Killarneys are great favorites, and bring a big price. Richmonds are fine at present, but the demand is light. Tafts are good, and a few good Radiance find their way into the market occasionally. Ward roses are few in numbers, much to the annoyance of the flower buyers, for they are great favorites. Beauties are the best they have been this fall and bring big money.

Carnations are much improved and have advanced in price a little. Pink Delight is especially good, with long, firm stems. Perfection is running fine. Winsor is poor just now, but Enchantress and red carnations are holding their own.

Paper Whites and stevia are coming in more plentifully this week and are a valuable addition to our small-flower stock. Violets have taken on their rich winter hue and have advanced in price. White violets are offered now and then and go for double the price of the purple ones. Both are selling well. Harrisii lilies and callas are scarce, but valley is good and is still in great demand. Cattleyas are few, but cypripediums are abundant and are going well. Gardenias are fine; however, there is no great demand for them.

There was an abundance of flowering plants, such as begonias, cyclamen, primulas and Jerusalem cherries, for Thanksgiving day.

Various Notes.

The Wm. Scott Co., of Corfu, N. Y., is shipping great quantities of chrysanthemums into this market.

Felix Alberts spent a few days in Buffalo last week, where he went to start Mrs. Alberts on her trip to Denver, Colo.

George Keller's stock is greatly retarded because of the inadequate heating system, due to the late arrival of his boilers. He managed to keep his stock from freezing by putting up several stoves.

J. A. Peterson, of Cincinnati, Ohio, is sending some unusually fine cyclamen and begonias to this city.

Friends of Miss Bradstreet have received cards from her stating that she is having a fine time in the "sunny south."

E. R. Frey reports that business is fairly good with him and that he expects a big Christmas trade. His begonias are in their prime. He has one entire house of them and expects to get rid of them all before Christmas.

J. B. Keller Sons have a few early azaleas.

A. N. Pierson is shipping the lovely Kate Moulton rose to our city in large quantities now.

Ted Ogston has discontinued work at the nursery for the winter.

Arthur Colbert celebrated his sixteenth birthday November 24.

William B. Lake, of Philadelphia, was in town recently on a flying business trip.

Geo. B. Hart is looking forward to a large holiday trade. He received the first shipment of holly this week.

J. B. Keller Sons had a big job November 22, doing the decoration for the Dunn coming-out reception.

E. C. A.

WASHINGTON.

The Market.

There are various reports concerning business. Wholesalers say it is good, while some retailers declare it is slow. Stock is good and not overplentiful as regards most items. Extra fine mums are in sight for Thanksgiving. The demand for them is said to be good. Cheaper mums also are in request and are not overplentiful. There is no glut of other flowers. Double violets are in good demand for Thanksgiving, although they were dragging somewhat last week. Narcissi are on the market and are being substituted for valley in many cases, which accounts for valley moving rather slowly. Roses are of good quality and in fair demand. There are limited quantities of sweet peas coming into the market. Orchids are a little more plentiful. Easter lilies are going somewhat better. Carnations are scarce, selling at $4 per hundred.

After the middle of the week a boom is looked for among florists. The opening of Congress is always helpful and a number of coming-out parties and official dinners are scheduled, including the cabinet dinners to the president.

Various Notes.

George C. Shaffer says that prices for Thanksgiving were normal. Mr. Shaffer already is looking forward with pleasure to attending the next convention of the Society of American Florists at Chicago in August, 1912.

Mrs. J. R. Freeman, widow of the late J. R. Freeman, is running the business he built up, with the greenhouse end on Wisconsin avenue and Reservoir road, and the downtown store in Thirteenth street.

Gude Bros. Co. has a contract for decorating the Cafe Republique this week.

Considerable funeral work was done last week by W. Marche, who is planning several important decorations.

The Washington Florists Co. had an appropriate Thanksgiving window display, including a huge horn of plenty from which poured magnificent yellow mums, corn in the husk, pumpkins and autumn fruit. In the foreground was a huge lucky Thanksgiving turkey wish bone.

Pennock-Meehan Co. has rented tem-

porary storage space in a building near its store, pending the erection of the company's new building in H street.

A new idea for Washington is being shown by Z. D. Blackistone in the form of beautiful combination baskets of flowers and fruit for Thanksgiving.

Visitors connected with the trade in Washington recently include Cutler Ryerson, Newark, N. J.; Israel Rosnosky, representing H. F. Michell Co., Philadelphia, and Julius Dilloff, of Schloss Bros., New York. H. C. H.

PITTSBURGH.

The Market.

Pittsburgh cut flower people have been having one of those old-fashioned busy weeks and the trade was pretty evenly divided, every one having his busy days. Most of the business consisted of wedding and funeral work, the counter trade not showing any improvement, but it was good enough for one week and indications for Thanksgiving are fine.

The kind of weather we have been having will certainly shorten the cut of roses and carnations, but there are enough chrysanthemums in sight to take care of all comers, so the shortage along other lines will probaby not be greatly felt. Roses and carnations have been good and plentiful. Now Paper Whites, Romans and baby primroses are coming and will be needed, as chrysanthemums will be pretty nearly cleaned up with Thanksgiving.

Various Notes.

The chrysanthemum show in the park has disappeared and the places of the mums have been taken by Lorraine begonias. Superintendent Geo. Burke and Foreman John Jones have a couple of houses of Lorraine and Glory of Cincinnati arranged with fine palms, stevias and other plants, which seem to gain as much applause from the many visitors as the mums, and they deserve it.

To Mr. and Mrs. Edward McCallum, on Tuesday, November 21, two sons, Edward and Robert. The mother and sons are getting along nicely.

John Koenig, after delivering a load of chrysanthemums to the Pittsburgh Cut Flower Co., November 20, met with an accident that might have been serious. He was thrown from his wagon seat to the ground, alighting on his head, and the wheels passed over his shoulders. The accident was caused by the wheels bouncing over a rail while crossing the railroad track. Mr. Koenig is still suffering from his bruises, but there will be no serious results.

Karl Klinke, the Arcade florist, sold his business last week to Ray Dasbach, who is well known here, having worked for a number of the leading florists. He expects to equip his store with everything necessary to enable him to go after some of the big work with which he has been identified.

The opera "Pink Lady" is in our city and the A. W. Smith Co. is showing a beautiful Enchantress-colored chrysanthemum which they call Pink Lady. It has many forms, resembling a pink Bonnaffon and also a pink Eaton, but all are equally fine. The A. W. Smith Co., on being asked about where the stock can be purchased, says not to be inquisitive, and if you like it just admire it and say nothing.

Visitors last week were: Will Craig, of Philadelphia; W. L. Tunpore, of J. H. Small & Sons, New York.

Hoo-Hoo.

MILWAUKEE.

The Market.

Market conditions last week were highly satisfactory. The demand was good; in fact, the volume was greater than a year ago, but the financial end shows a shortage. The scarcest articles last week were Beauties. More violets could have been handled to advantage. The supply of carnations and roses was equal to the demand.

Good and fancy mums sell readily, while the poorer grades, of which there seems to be an overproduction, are a mere nuisance, to say the least. Stevias and Paper Whites have made their debut and help to make a variety; they sell at sight. From present indications, there will be stock in abundance for the Thanksgiving trade.

Various Notes.

Mrs. Baumgarten, of the Baumgarten Floral Co., has been nursing a bad hand for the last fortnight. While it does not keep her away from work, it is quite annoying.

It is a pleasure to report that Mrs. Art Leidiger, who has been troubled with rheumatism since last spring, is much improved at this time.

Roy Currie, of the Currie Bros. Co., was in Chicago on Saturday, November 24. They were rushed with funeral work on Sunday and, with Roy out of town, the struggle was doubly hard for the remaining store force. This firm has had a strong call for Beauties and has sometimes been compelled to substitute mums.

Gust. Rusch & Co. say that things are moving along finely considering that they are only beginners.

The Holton & Hunkel Co. reports shipping trade brisk and on the increase. They state that the supply of double violets did not keep up with the demand last week.

The C. C. Pollworth Co. states that their supply of mums will hold out for the Thanksgiving trade. Business with them continues brisk.

"We never saw the like of it, the way business keeps up since we moved into our new store," was the answer given at the store of J. M. Fox & Son, Sunday p. m., after another morning's rush.

The sudden end of the mild weather, a fortnight ago, caused those engaged in landscape gardening no little worry, for the ground has been frozen ever since, thus calling a halt in outdoor shrub and bulb planting.

H. W. Koerner, the Wauwatosa dahlia and gladiolus specialist, reported having had about 5,000 dahlias and about a million gladioli still in the field when Jack Frost put down his foot in earnest.

The regular monthly meeting of the Florists' Club will be held December 7, at the new quarters, in the St. Charles hotel. The election of officers for the year 1912 will take place and a large attendance is necessary to help a good thing along.

Visitors: James Matthewson, Sheboygan, Wis.; N. Lassen, Racine, Wis.

E. O.

...NEWS NOTES...

Chatham, N. Y.—R. E. Shuphelt is spending the winter at Fruitland Park, Fla.

Williamsville, N. Y.—C. F. Christenson is shipping to Buffalo some grand chrysanthemums. His son, Charles, now is associated with him and proving a successful grower.

Ilion, N. Y.—Fire destroyed one greenhouse, 25x65 feet, and the office at the Ward G. Gordon place November 20. The loss was about $2,000, with $1,500 insurance.

Binghamton, N. Y.—F. Shearer & Son are large exhibitors at the Winter Exposition now being held at the Armory. Chrysanthemums were never finer and are in good demand.

Utica, N. Y.—Frank Baker was the fortunate candidate for mayor at the recent election, but says he will find time to oversee his extensive florists' business and keep in touch with the boys, as usual.

Altamonte Springs, Fla.—The Royal Fern Nurseries have five acres here covered with lath houses, planted to Asparagus plumosus nanus. They also have a fine irrigating plant, obtaining their water supply from a nearby lake.

Jacksonville, Fla.—The Tomlinson-Key Floral Co., a newly organized firm, has opened a flower store at 40 East Forsyth street. The store is described as one of the best equipped and most attractive places of the kind in the state. Both members of the company are well known in this city, having been associated for some time with Mills the Florist.

Akron, O.—H. Heepe's Sons recently executed the most elaborate decoration in the history of the trade in this city. It was for the Raymond-Yule wedding and included both church and home. For space decorated and quantity of stock required, nothing so large ever had been called for here, and the skill with which Heepe's Sons handled the work added materially to their reputation as decorators.

Fort Collins, Colo.—The friends of R. D. (Bud) Mauff, of the First National Bank, regret to learn that he will shortly leave Fort Collins for Denver, where he will enter the florists' business. Mr. Mauff is the oldest of the present staff at the bank and has served in every capacity in the institution. Together with his brother, A. E. Mauff, state horticulturist, he will conduct the Mauff Floral Co., one of the leading establishments in Denver, located at 1225 Logan avenue.

Lake City, Minn.—The new greenhouses of the Jewell Nursery Co. have been in operation for some weeks and the offices, also, are almost completed. The range comprises seven houses, four of which are each 27x150, two 24x150 and one 20x150. Charles Nordine has charge of the houses and is growing a fine grade of carnations, chrysanthemums, roses and other flowers. R. D. Underwood, of the firm, assisted by Mrs. Underwood, recently entertained the employees at a social gathering in Brotherhood hall.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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SOCIETY OF AMERICAN FLORISTS.

Incorporated by Act of Congress, March 4, 1901.
Officers for 1911: President, George Asmus, Chicago; vice-president, R. Vincent, Jr., White Marsh, Md.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, W. F. Kasting, Buffalo, N. Y.
Officers for 1912: President, R. Vincent, Jr., White Marsh, Md.; vice-president, August Poehlmann, Morton Grove, Ill.; secretary, John Young, Bedford Hills, N. Y.; treasurer, W. F. Kasting, Buffalo, N. Y.
Annual convention, Chicago, Ill., August 20 to 23, 1912.

RESULTS.

We give them. You get them.
We both have them.

ALL attention now is centered on the preparations for Christmas.

THE year 1912 promises to be a favorable one for the building of greenhouses.

GOOD holly becomes no more plentiful as the years pass, but a fair supply is reported for the present season.

BOXWOOD has become one of the big Christmas specialties—especially fine for cemetery wreaths, as well as for bells, balls and window wreaths.

BULK bouquet green will be a decidedly scarce article long before Christmas arrives. The average holder of bulk green needs all he has in sight for wreathing.

NOT a few subscribers save themselves the bother of annual renewal by sending The Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

THE finest chrysanthemum plant of the season was shown at the exhibition of the Horticultural Society of New York. It was grown by John Canning, superintendent for Adolph Lewisohn, Ardsley, N. Y. J. W. H. Campbell was the gardener.

IN passing on a protest arising over the assessment of duty on ginseng root, the Board of General Appraisers holds that ginseng is not nursery or greenhouse stock, as claimed by the importer, but a drug, and that the rate of duty depends on its crude or cleansed state.

IN the last couple of years the price of freshly imported plants of Cattleya labiata has advanced from about $40 per case to about $65 per case, the number of plants per case increasing as the size of the plants has decreased. Predictions are made by collectors that within another couple of years the price will be $100 per case, with a still further decrease in size of the plants.

EXPRESS SERVICE IMPROVED.

The following supplementary report of the Tariff and Legislative Committee has been forwarded to Secretary Dorner, of the S. A. F., by Chairman John G. Esler, of that committee:

The Tariff and Legislative Committee of the S. A. F. is able to announce that in the controversy with the United States Express Co., which has been going on during the last six months, over the inefficient delivery of cut flowers, the company has acceded to the representations of the committee and has established a satisfactory and efficient delivery, without an appeal to the Interstate Commerce Commission.

The chairman desires to state that if the florists of the country could only understand the effectiveness of concrete action, over individual effort, in dealing with corporations, every producer of and dealer in floral products would become a member of the S. A. F. forthwith. John G. Esler, Chairman.

IF you did not have cause for Thanksgiving you are entitled to sympathy as being the exception among florists. The rate at which the trade is growing never was beaten.

KIND WORDS.

Editors are like other people; they like to be told of it when people think they are doing the right thing. Also the publisher likes to know that the editor is earning his salary, for a paper so edited that it pleases the subscribers is sure to please the advertisers.

Enclosed find $1 for The Review for another year. It is practical and just what I need in my business.—J. P. Murphy, Independence, Ia., November 20, 1911.

I enclose check for $1, for which you will please extend my subscription to The Review for another year. You are giving the trade a big dollar's worth and I boost you all I can, for a boost for The Review is a boost for the trade in general.—W. Benning, Sr., St Joseph, Mich., November 24, 1911.

OBITUARY.

Wellington Hughes.

Wellington Hughes, one of the most widely known of Michigan florists, died November 18 at his home at Hillsdale. He was born in Utica, N. Y., November 12, 1832, and was therefore 79 years and 6 days old when he died. He located at Hillsdale in 1848 and while a young man worked at the trade of carpenter and cabinet maker. In the civil war he took charge of a party of bridge builders, and returned home after being injured while engaged in this work. After the war he engaged in business as a florist and followed that vocation for more than forty years. He was a member of the Presbyterian church and served as member of the session for twenty-one years. He was the oldest Odd Fellow in the city. November 19, 1861, he married Elizabeth J. Porter, who survives, as do their two children, Charles and Clara Hughes, both of this city.

CHICAGO.

The Great Central Market.

Last week's business in the Chicago wholesale cut flower market presented few special features. There was a large supply of stock, due largely to the fact the chrysanthemum oversupply continued and served to curtail the demand for other flowers, depressing prices. Had it not been for the unwieldy receipts of mums, other stock would have moved much better. This became apparent toward the end of the week, when receipts were reduced both by weather conditions and the disposition of the growers to hold back for the anticipated stronger market for Thanksgiving. With reduced receipts and a fair volume of business, the week ended with the market well cleaned up and prices moderately firm.

The present week opened with much heavier receipts, for during the first three days the growers poured in all the stock they had been holding back for Thanksgiving. The volume of business for the holiday proved to be probably the largest on record, exceeding even the excellent record of last year. There was, however, a manifest disposition to limit prices. The buyers would not pay anything like fancy rates for stock. The exception was on

We call special attention to our VIOLETS

THE CREAM OF THE CROPS IS HERE

A lot of Retail Stores through the country are doing without Violets because they do not appreciate how well Violets will ship—and others are getting along with Violets not so good as they might have, simply because they do not realize that the Violets we handle are decidedly better than the average. We are supplying the Retailers who have built up the best Violet trade in their respective cities.

CARNATIONS

There is a full crop of Carnations on—the heaviest crop of the season to date. Quality is fine in all colors, and we want to hear from all buyers who need first-class stock. If not thoroughly satisfied with your present source of supply, try us. We can please you.

KILLARNEYS

We never have been so well fixed on Roses as we are this season. You can get here all the Killarneys you need—and those who know the market recognize that, length for length, our Killarneys carry the finest heads of any roses to be had.

With the assurance of a full crop for Christmas, we are now ready to book your order. Write us about your needs.

BEAUTIES

The run on our Beauties has been heavy of late, but we are still filling every order that reaches us in time. All you have to do is to get your order in early to get it filled here—fine stock, mostly long-stemmed.

We handle the finest Orchids coming into the Chicago market and can fill all orders.

Order VALLEY of Us

If you have had any difficulty getting your Valley orders filled, it was because you didn't order of us. Always plenty of Fancy Valley here.

HEADQUARTERS FOR EASTER LILIES

We always have Easter Lilies, every day in the year, and the finest there are—home grown—they go out in perfect condition.

Current Price List

ORCHIDS, Cattleyas..per doz.,	$7.50 @ $10.00

AMERICAN BEAUTY	Per doz.
Extra long stems	$6.00
Stems 36 inches	5.00
Stems 30 inches	4.00
Stems 24 inches	3.00
Stems 20 inches	2.50
Stems 16 inches	2.00
Stems 12 inches	1.50
Short.....per 100,	$8.00@$10.00

ROSES	Per 100
White Killarney, special	$10.00 @ $12.00
" " select	6.00 @ 8.00
" " seconds	4.00 @ 5.00
Killarney, special	10.00 @ 12.00
" select	6.00 @ 8.00
" seconds	4.00 @ 5.00
Richmond, special	12.00 @ 15.00
" select	8.00 @ 10.00
" seconds	4.00 @ 6.00

Extra special roses billed according to value.

CARNATIONS	Per 100
Fancy	$4.00
Common	$2.00 @ 3.00

MISCELLANEOUS	Per 100
Violets, double	$1.00 @ $ 1.25
" single	1.00 @ 1 50
Easter Lilies, per doz., $1.50	12.50
Mums " $1.00@ 3.00	
" Pompons, bunch, .50@ .75	
Valley, select	3.00
" special	4.00
" extra special	5.00
Sweet Peas	1.00 @ 1.50
Paper Whites	3.00 @ 4.00
Daisies	1.00 @ 1.50
Stevia	1.50
Mignonette	8.00
Bouvardia	4.00 @ 8.00

DECORATIVE	
Asparagus Plumosus..per string,	.50 @ .75
Asparagus Plumosus..per bunch,	.35 @ .50
Asparagus Sprengeri.. "	.25 @ .50
Adiantum, fancy, long ...per 100,	1.00 @ 1.25
Smilax .....per doz., $1.50	12.00
Mexican Ivy .....per 1000, 6.00	.75
Ferns..... " 2.00	.25
Galax..... " 1.50	.15
Leucothoe	.75

Subject to market changes.

Store open from 7 a. m. to 6 p. m. Sundays and holidays closed at noon.

E. C. AMLING CO.

The Largest and Best Equipped Wholesale Cut Flower House in Chicago

68-70 E. Randolph St., CHICAGO

Long Distance Telephones, 1078 and 1077 Central.



CHRISTMAS

We are headquarters on all Decorative Greens, etc., for the Holidays, including Bouquet Green, Holly, Laurel and Evergreen Wreathing, Mistletoe, Needle Pines, Immortelles, Cape Flowers, Xmas Bells and a full line of all Christmas goods.

Our Special Xmas List will be ready this week; if you do not get it, please write for same.

Winterson's Seed Store

166 N. Wabash Avenue, CHICAGO

Long Distance Phone, Central 6004

American Beauties. Beauties have now been scarce so long that the buyers recognize the condition and are willing to pay the price—only the demand for Beauties has fallen off materially in the last fortnight. Roses also have brought advanced prices this week, for the crop has been shortened, as is usually the case at this date, and the supply of first-class roses now is light. There has been considerable deterioration in roses in the last week; Killarney has lost in color and many of the flowers are softer. There has been no increase in the supply of short stems; a larger proportion than usual is the extra long grade, stock for which the growers expect from 10 cents to 18 cents or even 20 cents. Richmond has been in good request because of the shortage of Beauties.

There was no shortage of chrysanthemums for Thanksgiving, but it was an average low quality of stock that was offered. Buyers, accustomed to large supplies of first-class Bonnaffon at low prices, were extremely critical of the Thanksgiving offerings and refused to buy except at low rates. There were few flowers that were worth as much as $3 per dozen, but there was even less demand for this grade. Most of the calls were for stock at from $1.50 to $2 per dozen, with about 20 cents per flower the limit that could be obtained on quantities. The pompons were pretty well over. Most of the offerings were Klondyke, Diana or Mrs. Beu, the yellow having the principal demand.

The carnation market failed to make good the sanguine anticipations of the growers. The supply was adequate and, while some fancy prices were paid for strictly fancy stock, principally red, the average run of first-class carnations did not make as high prices as had been expected—there were too many of them for the demand. There has been some little flurry in violets. The quality is excellent, which undoubtedly has added to the demand, and the supply, both of singles and doubles, has not come up to expectations. Prices on cattleyas have fluctuated to an unusual degree, some of the best flowers having sold for $10 per dozen; others at a much lower rate, due to larger supplies than had been expected. Cypripediums and miscellaneous orchids have been in large supply. Easter lilies are coming in heavily again and there are increased receipts of callas. Stevia has come in a deluge; everybody has it in quantity. Sweet peas are more plentiful and longer in stem. Mignonette is arriving and Paper Whites and Romans are coming in heavily. All greens are abundant.

Poehlmann Bros. Co. to Move.

Poehlmann Bros. Co. will remove its wholesale store from the present location at 35 East Randolph street to the much larger quarters on the second floor at 72 to 74 East Randolph street. A lease was made last week, beginning January 1 and running five years and four months. The floor is 40x169, facing Randolph street, with an alley on the east and north, giving excellent light. There are good front and rear entrances. It is the intention to fit up a wholesale store which will compare favorably with anything of the kind in the United States. The lease on the present quarters has some

WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS
SHIPMENTS ANYWHERE — **CUT FLOWERS** — IMMEDIATE DELIVERIES
154 NO. WABASH AVE CHICAGO
PHONE CENTRAL 879

CURRENT PRICE LIST

AMERICAN BEAUTIES		Per Doz.
Extra long stems	$5.00 @	$6.00
30-inch stems	4.00 @	4.50
24-inch stems	3.00 @	3.50
18-inch stems	2.00 @	2.50
15-inch stems	1.50 @	2.00
Short	1.00 @	1.25

ROSES

	Per 100	
Killarney—		
Specials	$8.00 @	$10.00
Firsts	6.00 @	8.00
Seconds	4.00 @	5.00
White Killarney—		
Specials	8.00 @	10.00
Firsts	6.00 @	8.00
Seconds	4.00 @	5.00
Richmond—		
Specials	8.00 @	10.00
Firsts	6.00 @	8.00
Seconds	4.00 @	5.00
Antoine Rivoire (Mrs. Taft)—		
Specials	$12.00 @	$15.00
Firsts	10.00 @	12.00
Seconds	6.00 @	8.00
Melody—		
Specials	10.00 @	12.00
Firsts	8.00 @	10.00
Seconds	5.00 @	6.00
My Maryland—		
Specials	8.00 @	10.00
Firsts	6.00 @	8.00
Seconds	4.00 @	5.00

ROSES, Seconds, our selection, $4 per 100

MISCELLANEOUS

Carnations—		
Specials		$4.00
Firsts		3.00
	Per Doz.	
Gardenias	$4.00 @	$6.00
Orchids—		
Cattleyas	6.00 @	9.00
	Per 100	
Easter Lilies	$10.00 @	$12.50
Valley	3.00 @	4.00
Violets, Double	1.00 @	1.50
Single	1.00 @	1.25
Daisies—		
W. and Y		1.50
Sweet Peas		1.00
Mignonette	4.00 @	6.00
Stevia		3.00
	Per Doz.	
Poinsettias—		
Fancy	$3.00 @	$4.00
Mums	1.50 @	3.50
Pompons, bch.,	.50 @	.75

DECORATIVE

Smilax—
Strings, 100, $12.50; doz., $1.75
Sprengeri, large bunch, ea., 40c
Asparagus, large bunch, ea., 40c
Large string....ea., 50c @ 60c
Mexican Ivy, 1000, $6.00; 100, 75c
Adiantum, fine, 100, $0.75 @ $1.25
Galax 1000, $1.50; 100, 20c
Ferns.....1000, 1.50; 100, 20c

Quotations subject to change without notice.
Store open from 7 a. m. to 6 p. m.
Sundays and holidays closed at noon.

Weiland & Risch
154 N. Wabash Avenue
CHICAGO

LILIES

A BIG LOT JUST READY TO CUT.

Now that the Mums are passing, you will want our Fancy Easter Lilies. We have arranged to supply these in very large quantity and **the cut is here.** Can furnish in thousand lots on short notice, usually without notice. Stock cut to suit all buyers, some open, some half open and some tight. We are Lily headquarters—don't forget it! Callas also are ready.

FANCY STEVIA IN QUANTITY

Can now supply the very best long Stevia in quantity—Can take care of every order. You need a daily supply. Let us furnish it. $2.00 per 100; $7.50 per 500.

CARNATIONS

We are strong on Carnations—no doubt of our ability to take good care of you with the grade of stock you need and at the price you can afford to pay.

KILLARNEYS

Our best and largest growers are on with crops of splendid Killarneys. This is stock that can't be beaten for length of bud, richness of color, or stem.

Now On with a Specially Fine Crop of Richmond Roses

ORCHIDS

Nowhere is there a finer supply of Cattleyas. So good are these that many buyers have placed standing orders for daily or every other day shipment. Don't **you** want to do the same?

VIOLETS

Let us add a few Violets, double or single, to your order. When you see the quality of the stock as it reaches you, you will want them regularly. Glad to book standing orders.

We still can supply Mums of all grades and colors.

RED BERRIES FOR CHRISTMAS

We have arranged for a large supply of Red Berries for Christmas. It is first-class stock and we are now booking orders at $1.50 to $3 00 per case, according to size of case. Will send 10 cases, assorted sizes, for $15.00. **Don't let this pass.**

NOW BOOKING CHRISTMAS ORDERS **Boxwood, Wild Smilax, Holly, Mistletoe, Holly Wreaths, Bouquet Green, Evergreen Wreathing, Laurel Wreathing.** Don't place orders elsewhere without getting our quotations. We meet the market, always, and usually can go one better on any price that is quoted, always considering that best grades are wanted. We do not handle the berryless holly or dried-out, colorless greens.

If You Have Not Seen Our New Catalogue of Supply "Specials," Send a Postal for It.

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **66 E. Randolph Street, Chicago**

Mention The Review when you write.

DESIGN LETTERS

Seals and Lodge Emblems

Gold, Silver and Felt Letters, also Patent Black Letters and Figures for Funeral Design Work.

Write for free sample to

IDEAL MONOGRAM CO.

812 Temple Court Bldg. CHICAGO, ILL.

Mention The Review when you write.

MUMS

Ready. We are headquarters, as usual.
Let your orders come.

Growers, attention! Why not sell your own stock? We have the finest location in the Chicago market and space enough to accommodate several growers selling their own stock.

PERCY JONES

56 East Randolph Street, CHICAGO

Mention The Review when you write

months to run and if some other wholesaler takes it off their hands the Poehlmanns will let the fixtures go with the lease and start entirely new at the new place. The plan is to move as soon as possible.

The new location is one door east of the building occupied by the E. C. Amling Co. and the A. L. Randall Co. and it marks one more step in the progress of the wholesale market eastward toward Michigan avenue. Naturally, those who already are east of Wabash welcome each one who joins them, for the buyers invariably follow the stock.

Various Notes.

Considerable discussion has resulted from the publication in the Chicago morning papers, November 16, of a notice of the dissolution of the corporation carrying the name of Chicago Flower Growers' Association. The notice was in the regular syndicate report of corporation changes from Springfield and was wholly without foundation. The Chicago Flower Growers' Association has not dissolved and has made no change whatsoever in its organization. Inquiry at the office of the Secretary of State at



THIS—

Then is one way to use

Monarch Satin Taffeta Ribbon



during the Holidays—For Holly Wreaths, the beautiful deep toned, rich and lustrous red; for Immortelles, the red, green and special patterns.

No other ribbons have the snap, go and Xmas cheer woven into them as the

PINE TREE QUALITIES

Wide widths for decorations, narrow widths for tying boxes—special Holiday designs.

YES—it's a beautiful line of Ribbons—Priced at lowest figures and liberal discount.

Just write:

"Send Samples of Florist Ribbons and Chiffons."

THE PINE TREE SILK MILLS CO., PHILADELPHIA

Mention The Review when you write.

Springfield has failed to show any basis for the false report. The supposition that it might be the Chicago Flower Growers' Co., the corporation which formerly ran the Flower Growers' market, is unfounded. Secretary Sinner states that this corporation has no intention of giving up its charter, although at present conducting no business except collection of outstanding accounts.

J. H. Burdett, secretary of the Horticultural Society of Chicago, is sending out a letter urging growers and others to prepare for the spring show. The management realizes the difficulty of preparing for an exhibition at a different date than the customary one and feels that there is great danger of a deficiency in exhibits unless unusual effort is made by those who are interested in the success of floriculture to insure a good display. The date of the exhibition is March 11 to 17. Those who have not received the premium list should address Mr. Burdett at 162 West One Hundred and Fourth place.

One of the week's visitors has been H. E. Rebelings, of Corinne, Utah, who is a brother of Mrs. C. H. Fisk. Years ago he ran the World's Fair Flower Store at 804 Milwaukee avenue and his greenhouses in Park Ridge were the first in that now greenhouse center. At Corinne Mr. Rebelings still is in the flower business, but he deals exclusively in funeral designs of artificial flowers, for the mining camps.

C. M. Dickinson was confined to his home by illness several days last week.

The Chicago Carnation Co. has given the name The Herald to the red carnation which won the first prize at St. Louis and which was certificated several times this season as No. 186.

J. A. Budlong this week received the final consignment of a crop of cosmos grown under glass. The variety was Lady Lenox and the quality was superb, but Phil Schupp says the demand has steadily been diminishing since the end of the regular cosmos season.

Bassett & Washburn cut the last of their chrysanthemums early last week.

Fred Klingel is back at the books at John Kruchten's after a fortnight's term of jury service. He confirms the report that jurymen have had a raise in pay, for he got his little $3 for each day's service.

Hoerber Bros. have narrowed down their list of carnations to five varieties: Beacon, Victory, White Enchantress, White Perfection and Enchantress. These varieties do splendidly with them, and by having only a few kinds they can offer in quantities.

N. J. Wietor says that Wietor Bros. have just begun to cut Yanoma chrysanthemum and that they still have to cut Merry Christmas.

At Peter Reinberg's, Tim Matchen says that the Thanksgiving rush exceeded his expectations.

ADDRESS CHANGED

CYACEINE FLOWER COLORING

IS SOLD BY

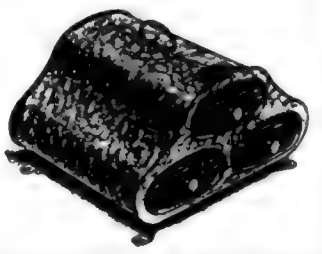
C. R. CRANSTON, (NEW ADDRESS) 146 Orchard St., AUBURN, R. I.

The list of colors, price, and address are in the Review Classified advertisements every week, under the heading **"Flower Coloring."**

Mention The Review when you write.

PROTECTION !!!

of your plants from freezing. This can only be done by using a celebrated



LEHMAN WAGON HEATER

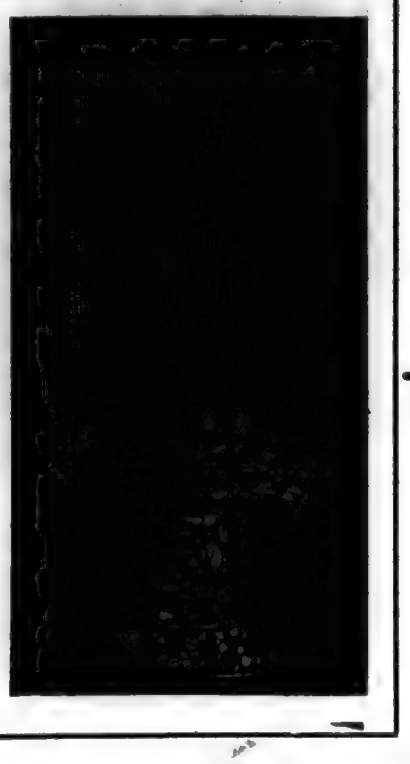
☞ 400,000 are in use by **Florists**, horsemen, doctors and farmers. They burn **Lehman Coal** (from which there is no smoke or danger), at a cost of less than ½c per hour.

CAN YOU AFFORD TO BE WITHOUT ONE? **BEWARE OF IMITATIONS**

LEHMAN BROS.
MANUFACTURERS
10 Bond St. NEW YORK

For circular and price list write
J. W. ERRINGER, General Western Sales Agt.
20 E. Randolph St., CHICAGO, ILL.

Mention The Review when you write.



Holiday Baskets

Should be ordered now to insure their shipment by the time you need them. We have a complete stock of cut flower and plant baskets and offer our popular

Assortments From $10 Up

Your check enclosed with your order will bring prompt shipment.

When you buy from us, you buy from the factory—at factory prices.

THE RAEDLEIN BASKET CO.
717 Milwaukee Ave., Chicago

Mention The Review when you write.

E. E. Pieser, of Kennicott Bros. Co., says that Bonnaffon chrysanthemums from one or two growers will come along more or less steadily until Christmas.

Henry Van Gelder says the Percy Jones business this year was double Thanksgiving record of last year so far as quantity of flowers handled goes.

Vaughan & Sperry report Thanksgiving as having been the best yet. Tuesday was the big day.

E. F. Winterson Co. has cleaned up its car of ferns in record time.

John P. Risch is again on deck at the store of Weiland & Risch.

At the store of the Batavia Greenhouse Co., Miss Evert reported November 27 that her brother still had four houses of mums to cut.

C. W. McKellar says cypripediums and miscellaneous orchids are in large supply.

Zech & Mann say this was considerably the best Thanksgiving they have had.

Before the Austin Woman's Club November 27 Mrs. J. C. Vaughan presented "The Story of the Oak." December 1 Mrs. Vaughan will speak on "Ferns; How They Grow," before the forestry class of the Chicago Woman's Club.

WESTERN

ORCHIDS

Chas. W. McKellar, 162 N. Wabash Avenue, CHICAGO

Headquarters

Current Prices

ORCHIDS			
Cattleyas, pinkish lavender	Per doz.,	$6.00 @	$ 7.50
Cypripediums	"		2.00
Vandas, pale lavender	"		3.00
Dendrobium Formosum, white	"	5.00 @	6.00
Dendrobium Phalaenopsis, pink sprays	per 100,		15.00
Oncidium, yellow	"	3.00 @	5.00
Boxes assorted Orchids, $5.00 and up.			
AMERICAN BEAUTY—Specials	Per doz.,		6.00
36-inch	"		5.00
30-inch	"		4.00
24-inch	"		3.00
20-inch	"		2.50
15 to 18-inch	"		2.00
Shorter	"	1.00 @	1.50
Killarney	Per 100,	4.00 @	8.00
White Killarney	"	4.00 @	8.00
My Maryland	"	4.00 @	8.00
Richmond	"	4.00 @	8.00
Mrs. Field	"	4.00 @	8.00
ROSES, our selection	"		4.00
" extra special, select	"	10.00 @	12.00
CARNATIONS			
Select	Per 100,	2.00 @	3.00
Fancy	"		4.00
MISCELLANEOUS STOCK			
Gardenias	Per doz.,	4.00 @	6.00
Valley	Per 100,	3.00 @	4.00
Easter Lilies	"	10.00 @	12.50
Chrysanthemums	Per doz.,	1.50 @	3.00
" extra fancy	Per doz.,		4.00
" Pompons	Per bunch,	.50 @	1.00
Violets, double			1.00
" single		.75 @	1.00
Sweet Peas		.75 @	1.25
Paper Whites		3.00 @	4.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 @	.60
Asparagus Plumosus	Per bunch,	.35 @	.50
Asparagus Sprengeri	"	.25 @	.50
Adiantum	Per 100,	.75 @	1.00
Farleyense	"	10.00 @	12.00
Smilax	Per doz., $1.50		
Mexican Ivy	Per 1000, 6.00	"	.75
Ferns	" 1.50	"	.20
Galax, green	Per 1000,		1.25
" bronze	"		1.50
Leucothoe	Per 100,		.75
Wild Smilax	Per case,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Subject to market changes

ORCHIDS—SPECIAL

We have an unusually large and fine supply of that splendid white orchid, Dendrobium Formosum. Also a large crop of Cypripediums.

CHAS. W. McKELLAR
162 N. Wabash Avenue, CHICAGO

Mention The Review when you write.

Prize-Winning Carnations

At the fall shows we exhibited more carnations than any other grower, and won more prizes than any other firm with the same amount of glass. It is because the stock we ship is the same high quality we exhibit that we please our customers ALL the time.

CARNATIONS	Per 100	
Good	$2.00 @	$3.00
Select		4.00

ROSES		
American Beauty, per doz.	$2.00 @	$6.00
White Killarney	4.00 @	5.00
Killarney	4.00 @	5.00
My Maryland	4.00 @	5.00
Richmond	4.00 @	8.00

Extra special roses billed accordingly.

Chrysanthemums	Per doz.	
Yellow	$2.00 @	$3.00
White	2.00 @	3.00
Pink	2.00 @	3.00

MISCELLANEOUS	Per 100	
Easter Lilies	$10 00 @	$12.50
Valley	3.00 @	4.00
Violets	.75 @	1.00
Sweet Peas	.75 @	1.00

DECORATIVE		
Asparagus Plumosus per string	$0.50 @	$0.75
Asparagus Plumosus per bunch	.35 @	.50
Asparagus Sprengeri per bunch	.25 @	.50
Adiantum, fancy, long		1.00
Smilax, per doz.	$1.50 @	$2.00
Ferns, per 1000		1.50
Boxwood, large bunch		.25

Subject to Market Changes

Chicago Carnation Co.

Salesroom: 30 E. Randolph Street, Greenhouses, JOLIET, ILL. CHICAGO

Mention The Review when you write.

Kyle & Foerster say November has made an entirely new record, much ahead of last year.

Winterson's Seed Store is out this week with a special Christmas list in green and red.

Visitors: G. L. Freeman, Wellfleet, Mass.; Edward Amerpohl, Janesville, Wis.; D. R. Herbert, of David Herbert & Son, Atco, N. J.; E. P. Kreimer, of the Duluth Floral Co., Duluth, Minn.; Miss Dutton, of the Burlington Floral Co., Burlington, Wis.; H. R. Fisher, of H. R. Fisher Co., Kalamazoo, Mich.

Racine, Wis.—The Racine Floral Co. has opened a new store at 322 Main street. The store at 219 Sixth street will also be continued.

BOSTON.

The Market.

After several weeks of dull trade it is cheering to be able to report a decided improvement in business. With the approach of Thanksgiving and the passing of chrysanthemums, which have for some weeks choked the market, the outlook is much brighter. There is no scarcity of flowers and any striking advance in prices is not looked for. The leading chrysanthemums now are Chadwick, Jeanne Nonin, Patty, Maud Dean, Bonnaffon, Eaton and Yellow Eaton and Gold Mine. After the present week the supply of mums will not cut much figure in the market. Carnations are of exceptional quality. White Wonder seems to be the leader in white and will be heavily grown next season in preference to White Perfection. Winsor and Enchantress are both less in evidence, but Gloriosa has jumped into favor. Beacon remains the leader in scarlets and no crimson has yet displaced Fenn.

Roses are not in heavy crop and are selling well. American Beauties are of fine quality and selling well. Killarneys of both colors are in excellent demand, and of the yellow roses Mrs. Ward is seen in the greatest abundance. Mrs. Waddell and Lady Hillingdon are, however, selling well. Carnots are over for the season. Richmonds are seen of much improved quality, as well as Rhea Reid. Violets are up in price. They had a great sale for the Harvard-Yale football game November 25. Valley is abundant, but is selling somewhat better. There is an adequate supply of lilies, both longiflorum and speciosum; the latter does not sell.

Paper White narcissi are in oversupply. Roman hyacinths are not yet plentiful. Mignonette as yet is rather poor. Antirrhinums continue to sell well, particularly pink shades. Some good pansies are coming in and sell well. Calendulas and cosmos sell poorly. The supply of Cattleya labiata from most of the growers is nearly over and cattleyas are selling higher. Some Trianæ and Percivaliana are already appearing. Cypripediums move slowly, as do gardenias. For Asparagus plumosus and Sprengeri there is a good demand this week.

Pot plants are in demand, especially Lorraine begonias, cyclamens, azaleas, primulas, palms, ferns, crotons and araucarias.

Sweet Pea Society.

Interest in the sweet pea show to be held in July, 1912, is growing. President Sim is working with characteristic energy to make it an unqualified success. He has already secured numerous special prizes, including a $50 challenge cup each from Joseph Breck & Sons, Henry Penn, T. F. Galvin and the Boston Cut Flower Co.; a $25 cup from M. J. Tuohy; a gold medal from the Lord & Burnham Co.; a cut glass bowl from H. R. Comley, and several other prizes. Mr. Sim, himself, contributed $25 cash to the private gardeners' section. Special premiums are offered for amateurs, school gardens and school children.

Various Notes.

Everett E. Cummings, of Woburn, who is one of our largest single violet

FLOWER GROWERS SALES CO.
INCORPORATED
BOSTON, MASS.
Direct from Grower to Dealer.

DIRECTORS
E. Allan Peirce — C. H. Holbrow
Louis J. Reuter — Frank Dolansky
J. Frank Edgar — Frank P. Putnam
Wm. Sim — A. A. Pembroke
Thos. Roland — Wm. Lenk
Wm. Jurgens — Wilfred Wheeler

THE BEST
ROSES, PANSIES, CARNATIONS, VIOLETS, SWEET PEAS, MUMS, EASTER LILIES, ORCHIDS, VALLEY, GARDENIAS, ADIANTUM, SPRENGERI,
coming into Boston are sold by this company.
Galax, Hardy Ferns and Florists' Supplies of all kinds
are handled for the convenience of the trade.
Correspondence Solicited

Salesroom at BOSTON FLOWER EXCHANGE PARK STREET Telephone 1640 Haymarket

Office at SIX PROVINCE COURT Telephone 3108 Fort Hill

Mention The Review when you write.



A Good Place to Buy
Cut Flowers, Palms, Ferns, Bulbs and Florists' Supplies. Write them next time you need something.
C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write.

Sprays - - Ferns
NEW CROP, FRESH FROM THE PATCH



Fancy and Dagger Ferns, 75c per 1000.
Long Green Leucothoe Sprays, $2.50 per 1000.
Short Green Leucothoe Sprays, $1.25 per 1000.



Green Galax	$0.45 per 1000
Hemlock Sprays	1.50 per 1000
Rhododendron Sprays	2.00 per 1000
Mountain Laurel Sprays	1.50 per 1000

Discount on large orders. Eighteen years in the business. Send me your orders.
J. N. PRITCHARD, Elk Park, N. C.

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FLORISTS' REVIEW
When Writing Advertiser

NEW
Bronze Galax
This season's picking.
$7.50 per case;
five case lots at $6.50 per case.
C. E. Critchell
CINCINNATI, OHIO

Always mention the Florists' Review when writing advertisers.

BULLETIN No. 11

RED RUSCUS WREATHS

IDEAL RED RUSCUS WREATHS will not be plentiful this season. You will be able to get ordinary stock, but the IDEAL RED RUSCUS WREATHS, that is, RED RUSCUS WREATHS of quality, will not be equal to the demand, so to save yourself disappointment send your order now for "at once" or "future" shipment.

We offer this high grade stock, from the best German manufacturer, at the following special prices:

Ideal Red Ruscus Wreaths, 12 inches diameter, per doz..... **$4.00**
Ideal Red Ruscus Wreaths, 14 inches diameter, per doz..... **5.00**
Ideal Red Ruscus Wreaths, 16 inches diameter, per doz..... **6.00**

It will pay you to watch for our Bulletins.

JOS. G. NEIDINGER, MANUFACTURER and IMPORTER of FLORISTS' SUPPLIES 1513-15 GERMANTOWN AVENUE, **PHILADELPHIA, PA.**

Mention The Review when you write.

The Cleveland Florists' Exchange

606 HURON ROAD, CLEVELAND, OHIO

Wholesale Commission Florists, Importers, Jobbers and Manufacturers of Florists' Supplies and Novelties

Send us your list for prices. All seasonable flowers. Consignments of good stock solicited.

Mention The Review when you write

WHITE LILAC

Your customers will appreciate this; it is sure to give satisfaction.

Cleveland McCALLUM CO. Pittsburgh

Mention The Review when you write.

BUY YOUR FLORISTS' SUPPLIES FROM

L. BAUMANN & CO.

357-359 W. Chicago Ave., CHICAGO, ILL.

We have the largest and most complete stock, Sea Moss, or Japanese Air Plant; Natural prepared Ferns, Cycas Leaves, Magnolia Leaves, Cycas Wreaths, Magnolia Wreaths, Moss Wreaths, Metallic Designs and a big line of Novelties.

Mention The Review when you write.

STOCKS FOR EASTER, 1912

MICHELL'S FLOWER MARKET STOCK

The Best of all Winter Flowering Stocks
Sown now, will be ready for cutting Easter

COLORS:

Pure White, Flesh Pink, Rose Pink, Light Blue, Dark Blue, Blood Red and Mixed.

½ Trade Packet	Trade Packet	¼ Ounce	Ounce
30c	**50c**	**$1.00**	**$3.50**

WRITE FOR CURRENT WHOLESALE CATALOGUE.

See our SPECIAL BULB OFFER, page 29, Nov. 2 issue of The Review.

HENRY F. MICHELL CO.

518 Market Street, Philadelphia, Pa.

Mention The Review when you write.

specialists, handles some thousands daily and secures top prices. He grows Princess of Wales exclusively.

J. T. Butterworth, of South Framingham, has his Cattleya labiata now in good crop, when other growers are finishing cutting theirs. He is a specialist on lily of the valley, which he grows finely.

No such indoor grown pansies as William Sim's have ever before been seen in the Boston market. His single violets now are also of grand quality. He had a heavy Thanksgiving pick.

Sidney Hoffman's decorations for the Hunnewell ball at the Hotel Somerset November 24 were among the most elaborate and artistic ever seen in Boston and brought him many compliments.

John Barr's well grown cyclamens are missed in the local market this year, as he is growing nothing but carnations. His son, Geo. P. Barr, who acts as salesman, rarely has any flowers to show unless one visits the market early. His new variegated, Mrs. B. P. Cheney, is rendering a good account of itself, and finer Pink Delight it would be hard to find.

William T. Walke, of Salem, is strong on Lorraine begonias, cyclamens and poinsettias, all of which are grown in Mr. Walke's usual finished way.

Henry M. Robinson & Co. report shipping unusually heavy of late.

The Thomas J. Grey Co. reports a splendid bulb season, with sales far in excess of 1910.

John McFarland, of North Easton, had a fine cut of Bonnaffon and Eaton mums for Thanksgiving. He has an excellent lot of poinsettias in pots and benches for Christmas, and his usual fine cut of valley.

Littlefield & Wyman, of North Abington, are excellent growers of carna-

ROSES

Beauties, Richmond, Pink and White Killarneys

You can depend on us in the above for quality and value. Our daily receipts are very large and we have the goods to fill your orders. You will find the best value in the higher grades.

BOXWOOD, = = = per 50-lb. crate, $7.50

Lycopodium, = = = 50-lb. bags, 9c per lb.

Price of Lycopodium subject to change.

The Leo Niessen Co. WHOLESALE FLORISTS
N. W. cor. 12th and Race Sts., PHILADELPHIA, PA.
Open from 7 a. m. to 8 p. m.

Mention The Review when you write

tions. Especially fine there are Enchantress, Beacon and White Perfection.

Trustees elected at the annual meeting of the Massachusetts Horticultural Society were Thomas Roland, C. S. Sargent, H. F. Holl and Thomas Allan.

W. W. Tailby, of Wellesley, has a nice lot of longiflorums and speciosums.

Charles Rapp, of Melrose Highlands, who was formerly gardener on a private estate in Millbrook, N. Y., has a nice crop of mums and carnations.

Arthur Griffin, of Woburn, stands in the front ranks among local carnationists. His Pink Delight, Beacon, Enchantress and White Perfection are of extra quality.

The present fall has been a favorable one for local nurseries, the ground being more moist than in some years. Sales have been unusually heavy of both evergreen and deciduous stock.

W. N. Craig.

PHILADELPHIA.

The Rising Eastern Market.

The last week in November has been fair rather than first-class in the cut flower market. The Army and Navy football game, so important when the market has been depleted by the heavy Thanksgiving demand, proved unimportant by itself. The vast crowd came; there was entertaining, but it was insufficient to affect the market in the face of a quiet Saturday. Yellow chrysanthemums hardly felt the difference. Violets might have felt it but for certain adroit moves in the game by sellers and buyers. The last three days of the current week, Monday, Tuesday and Wednesday, saw a healthier condition than the three preceding. There was a good out-of-town demand, with values more evenly maintained. Chrysanthemums continued in heavy supply at moderate prices, with a strong probability that this condition will continue for a week or ten days. Beauties and choice carnations are buoyant; the rest of the list shows little change, except that the activity in gardenias was greater and there was a temporary scarcity of short roses.

Princeton

The best new rose on the market; has large, glowing pink flowers and luxuriant, glossy foliage on strong, stiff stems.

We can offer **Princeton** in quantity and will be glad to quote on regular or special orders.

We also offer:

ALL the Leading Varieties of Fine Cut Flowers at Reasonable Prices.

BERGER BROS.

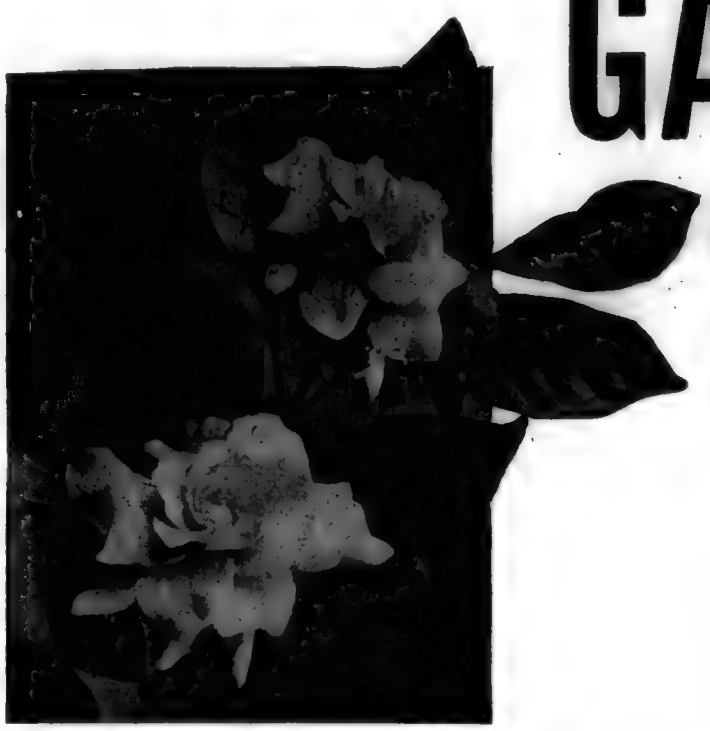
Wholesale Florists

140-142 North 13th Street, Philadelphia, Pa.

Mention The Review when you write.

Mrs. Ehret.

Fred Ehret is happy in the partner of his joys and sorrows being likewise the partner in his chosen profession. Mrs. Ehret is as capable as her husband in the intelligent execution of orders from the most fastidious flower buyers. Mrs. Ehret loves flowers; she says that love for them is necessary to achieve success, quite as necessary as love for one's chosen calling is to success in any work of life. Mrs. Ehret believes in showing the prospective customer the pretty effects that can be obtained from the flowers in stock, rather than in taking orders for something that may prove difficult to procure or unsatisfactory when obtained. "We like to talk pink roses when we have plenty of them," she said. Mrs. Ehret thinks that the pompons are increasing faster in popular favor than the larger flowered Japanese varieties because they are so pretty for table decorations, where the big flowers are often out of place; she sometimes uses pompons in ferneries, where these cut sprays are lovely among the growing ferns and last as long as in water, when the soil is kept moist. Mrs. Ehret's feeling for chrysanthemums is like that of most persons for mechanics; she is glad when they come and glad when they go; they make such a dirt you must keep sweeping all the time. Mrs. Ehret has a keen sense of humor; when speaking of a competitor whose shingle no longer ornaments the thoroughfare nearby, she said, with a merry laugh: "She has retired on the profits of the business."



GARDENIAS

WHAT is more beautiful than a Gardenia? As the cold, wintry weather comes on, Gardenias, with their purity and fragrance, carry us back to the early summer days. The Gardenias coming in now are exceptionally choice, and with a far more liberal supply we are able to care for all orders and are prepared to make monthly or season contracts.

Present prices, **$3.00 and $4.00** per dozen

Contracts made for the season on **PLUMOSUS,** strings or bunches; very choice stock.

Distributing agents for the great new roses for 1912, **DOUBLE WHITE KILLARNEY** and **KILLARNEY QUEEN (the Budlong Strain).**

Grafted, **$250.00 per 1000;** Own Root, **$200.00 per 1000.**

Ribbons and Supplies Many new patterns in exclusive Christmas ribbons. Write us for prices on these and on supplies.

PM QUALITY

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF PHILADELPHIA

PHILADELPHIA 1608-1620 Ludlow Street

NEW YORK 109 West 28th Street

WASHINGTON 1212 New York Avenue

Mention The Review when you write.

Roses—Carnations—Lilies

CHRYSANTHEMUMS—Fine White

Valley—Gardenias—Violets—Orchids

Finest Quality—Lowest Prices.

Philadelphia Cut Flower Co., 1517 Sansom Street, Philadelphia, Pa.

OPEN UNTIL 8 P. M.

Mention The Review when you write.

Shamokin, Pa.

The missionary work accomplished by our city retailers has a striking illustration in a notable wedding in Shamokin recently, when Senator McConnell's daughter was the bride. Senator McConnell is best known in this city as a member of the Catlin investigating committee, which has been investigating our municipal affairs. In fact, Senator McConnell was the only member, besides the chairman, who was faithful in attending the meetings. The chrysanthemum season was at its height when the wedding occurred. The father of the bride, impressed, doubtless, by the artistic displays of the Philadelphia retailers, decided to give Shamokin a surprise. He gave Stahl's Greenhouses the order. Balthasar Stahl acted as decorator-in-chief, while two leading Shamokin florists, Harris & Bro. and H. P. Campbell, acted as his lieutenants. The effect was beautiful and Shamokin is still talking of the handsome chrysanthemum and foliage plants and their arrangement.

Ancient Egyptian Ware.

A new pottery, now quite abundant, distinct from all other potteries in style and finish, ornamented with figures suggestive of the dwellers in the land of the pyramids and the Nile, colored in many rich oriental hues, embellished with cord and tassels to match —this is Egyptian ware. But you say, "Must we go to Cairo for these curious vases?" Not at all. Mr. Bayersdorfer has secured the exclusive privilege in this country. I have not a doubt he will let you have some of them.

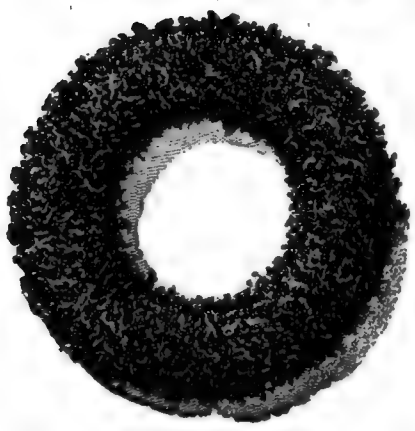
The Palm in the House.

Charles B. Stahl carries into successful practice an idea which, while not new, is interesting. Mr. Stahl finds that a majority of the plants rented by the month are unsatisfactory to the customer and unprofitable to the florist because of the injury done to the plants through lack of care. They soon look badly and return in such bad condition as to render them useless for further service. Mr. Stahl's plan is to change the plant each week, looking after them

SPECIAL ADVANCE CHRISTMAS NUMBER

OF THE FLORISTS' SUPPLY HOUSE OF AMERICA.





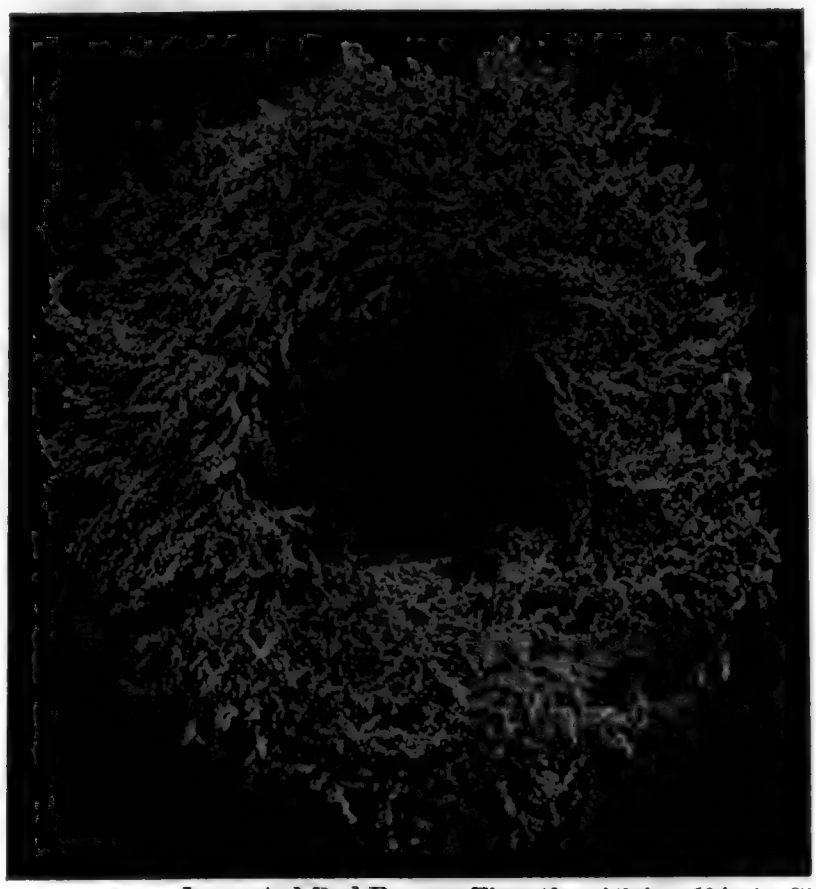
Statice Wreaths, round or oval. Very adaptable holiday wreath. Sells well, all sizes, 10 in. up to 24 in.

Statice—One of the good kind of grasses used in all kinds of holiday work. Comes in natural, green, purple and red.

Statice—A new kind—Veloured in pink, lavender and red—by the pound.

MOSS WREATHS

This staple, reliable wreath still holds the trade—better than ever. One grade only, that the best. All sizes, 10-in. to 20 in.



Imported Red Ruscus Wreaths—All sizes, 10 in. to 20 in. One of the new Xmas wreaths. The best Cemetery wreath. Stands weather conditions.

Green Ruscus Wreaths—One of the most substantial and lasting wreaths on the market. They will sell. All sizes from 10 in. to 24 in. **Ruscus Crosses**, all sizes.

FOR ANYTHING that you may not find here we refer you to OUR SILENT SALESMAN, who will be happy to call upon you immediately on receipt of an invitation.

H. BAYERSDORFER & CO., 1129 Arch Street. PHILADELPHIA

Mention The Review when you write.

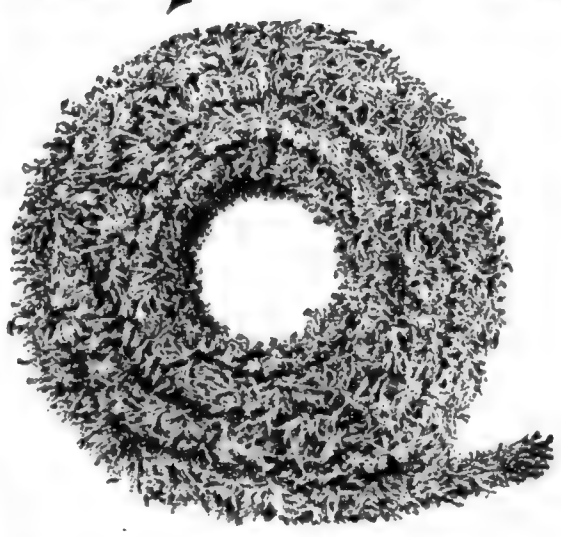
meantime if necessary. This gives the customer a handsome plant through the season, so that the slightly increased charge made necessary by the extra work is cheerfully paid. Mr. Stahl derives two benefits from the plan; one is the increase in his business occasioned by satisfied customers, who tell their friends and do not use artificial plants in preference to natural ones; the other is the saving of loss in his stock.

Christmas Plants.

The rapid growth in the popularity of plants for the holidays is due to two things, their beauty and their presence. Unlike cut flowers, they can be shown to the prospective buyer in advance of the holidays without danger of tarnish and their price can be safely quoted. The retail florist turns to plants gladly at the holidays; they furnish a field for artistic work and at the same time give him a firm anchor to leeward in the event of a tempest on the cut flower sea.

In the earlier days of plant growing for the Christmas holidays many varieties were brought into bloom that experience proves unsuitable. The azalea, for instance, under present conditions is not at its best when forced so early. There are only two or three varieties of azaleas today that can be flowered so early successfully. Even these compare unfavorably with the azaleas at Easter. Their beauty is completely overshadowed by the luster of the plants suitable for early flowering. Three plants stand in the front rank, today, of those that will bloom at Christmas, the poinsettia, the begonia

Bouquet Green Wreathing



Extra well made and good medium weight.

Write us before buying. We are headquarters.

C. C. Pollworth Co., Milwaukee, Wis.

Mention The Review when you write.



SPLIT CARNATIONS

Quickly, easily and cheaply mended. No tools required.

Pillsbury Carnation Staple

Patented 1908.

2000 for $1.00 postpaid.

I. L. PILLSBURY
GALESBURG, ILL.

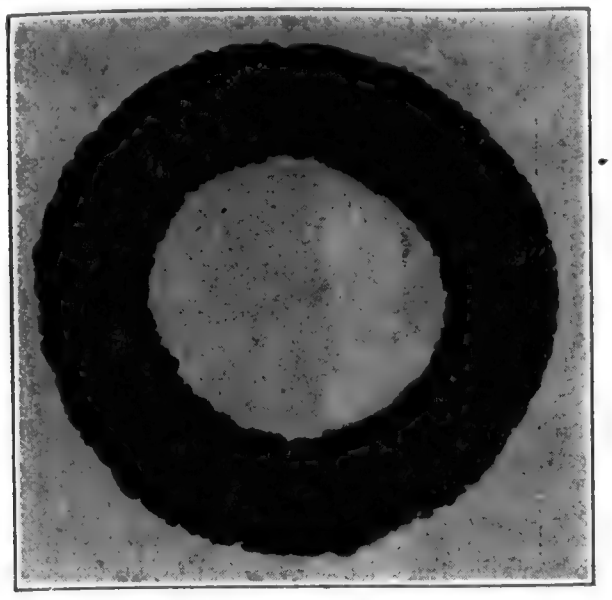
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Illinois Self-Watering Flower Boxes

are gaining popularity every day. Send for our booklet and learn about a proposition that every live florist should understand.

American Metal Box Co.
2005 Michigan Ave., - CHICAGO
Conard & Jones Co., West Grove, Pa.
Agents for New York, New Jersey and Penn.

Always mention the Florists' Review when writing advertisers.



French Red Immortelle Wreaths, perfect and handsome, American style, originated by us. All sizes—7½-in. up to 27-in.



Imported Christmas Paper Folding Bells are made of extra bright red tissue paper. Miniature Bells, in sizes 2½, 3, 3½ and 4-in., are cheerful plant or tree decorations.

Special Advance Christmas Number

OF THE FLORISTS' SUPPLY HOUSE OF AMERICA



Red Immortelle Bells. The only original Immortelle Bell on the market, perfect in shape and color. Five sizes—4, 4½, 5, 6¼ and 8-in.

For ANYTHING that you may not find here we refer you to OUR SILENT SALESMAN, who will be happy to call upon you immediately on receipt of an invitation.



French Red Immortelle Wreaths. French style, tight wrapped. All sizes—7½-in. up to 27-in.



Red Immortelles in quantity. We can supply your wants regardless of shortage of crop.

Write for Prices

Other Immortelles in all desired colors

H. BAYERSDORFER & CO.

1129 Arch St., Philadelphia

Mention The Review when you write.



HEADQUARTERS FOR

Christmas Greens

Special Selected Grades for Florists

Holly **Mistletoe** **Lycopodium**

Wreaths—Laurel, Holly and Lycopodium

Roping—Laurel and Lycopodium

Moss—Green Lump and Sheet

and all other specialties for the Holidays. Special circular, with prices, mailed to all.

Henry F. Michell Co.

518 Market St., Philadelphia

Mention The Review when you write.

and the cyclamen. After them, the berried plants, the lesser flowering plants and the ferns and foliage plants complete the holiday assortment.

Wishing to be informed on the progress that has been made on the growing and the finishing of plants for Christmas, an appointment was made with Robert A. Craig to look over his company's houses. An idea can be formed of the wonderful growth of the holiday plant industry from a remark of Mr. Craig's, that the express company has offered to send a representative out to his place this week with orders to remain there continuously until Christmas to waybill all outgoing cases, thus insuring correctness of name and destination; also that the express company has prepared printed cards ready to send to its representatives at every point of transfer, instructing them to forward the plants with promptness to their destination.

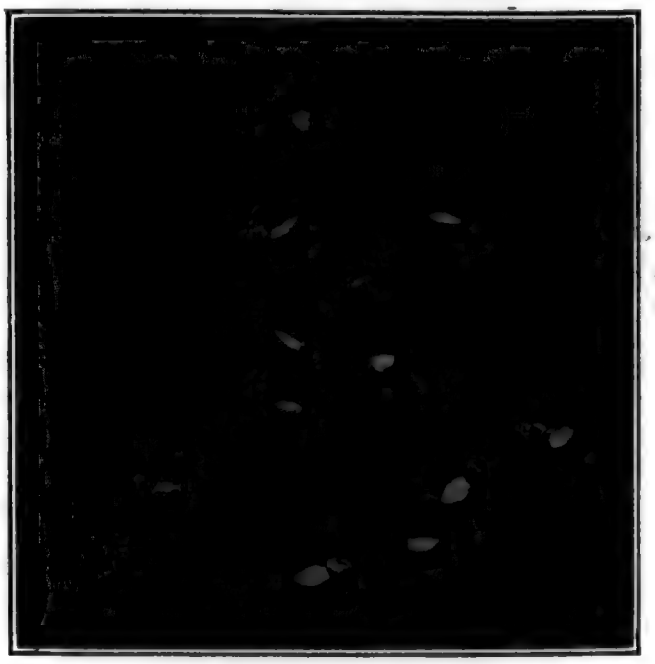
The poinsettias were the first flowering plants shown by Mr. Craig. There are two varieties, single and double. Some are grown singly, but many are made up in pans with asparagus and ferns. The double poinsettia is the

Special Advance Christmas Number of the Florists' Supply House of America



Imported Muslin Holly Sprays.

Full berried. Their small cost will allow you to use freely on Immortelle, Ruscus or Statice Wreaths. 5 to 6 different kinds; prices to suit all requirements.



IMMORTELLE SPRAYS, RED ONLY.

Comes in clusters and adds to all design work.

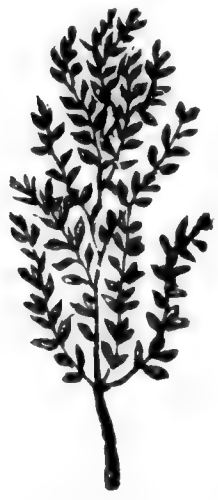


Entirely New Red Transparent BEECH SPRAYS.

Bright Xmas Red Sprays, especially a fine bright red. We are the introducers and the only one handling Red Pastel Xmas Beech Sprays. Try them. They will be different than you have had.

Beech Sprays, The Ordinary Kind.

For holiday season, for your decorations. All good colors: Brown, green, cherry red, leather color. Beech Sprays, prepared, by pounds.



RUSCUS.

The most popular foliage ever introduced. To arrange in designs.

Xmas Red Ruscus Ideal.

Purple Ruscus Ideal.

Green Ruscus Ideal.

Autumn Ruscus Ideal.

Wood Fiber Chip Ribbon, can be had in all colors. The red is most adaptable for bows on your Christmas baskets and hampers.

Florists' Tying Tape of the new kind, to tie up your many boxes. The best of its kind ever introduced, is surely worth a trial. Send for the Xmas red.

Bon Ton Baby Ribbon or Ribbonzene is crinkled, and is quite effective for tying your cards on boxes. The spools contain 250 and 500 yards each. Red Ribbonzene is just what you need now.

Silk Fiber Ribbon is a strong ribbon, extensively used for around mats, paper pot covers, cut flower boxes. It has a true silk luster and makes a very rich bow.

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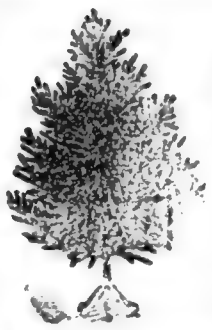
H. BAYERSDORFER & CO., 1129 Arch Street, Philadelphia, Pa.

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more showy, although less generally known. A large proportion of the smaller plants are grown singly for basket work. Fine poinsettias seem too slender to meet the market requirements as specimen plants; they are more frequently made up three to a pan. A house of them grown in this way, with the smaller basket plants on the side tables, is a magnificent sight, the bright red bracts just showing color contrasting beautifully with the green of the well hardened foliage.

There is a change in the personnel of the begonia; Gloire de Lorraine is rivaled by Glory of Cincinnati. The older variety still is grown in large numbers. The plants are sturdy and the flower buds have been removed, so that a splendid crop that will not be perfect too early is just coming; the exquisite shade of pink still stands unrivaled. The robust vigor of Glory of Cincinnati, its magnificent cherry-pink flowers, combined with leathery foliage, make it a rival not to be despised. Mr. Craig has increased the quantity of Glory of Cincinnati threefold, making the number somewhere near equal to that of Gloire de Lorraine, so that a fair test of popularity is possible.

The cyclamen easily retains its place in the front rank. Mr. Craig has followed the laws of health of the cyclamen closely. He has improved the strain by importation and by selection and now has some magnificent varieties. Here, too, the buds have been kept off until the middle of November and now the first blooms of the coming crop show color. The plants are divided into two sections, the specimens in medium and large pots, the basket plants in smaller pots. The first section has the colors separate. The new salmon-pink is in as full force as the others. One variety has peperomia-like foliage, a pleasing contrast with



LAST CALL FOR

Baled Spruce and Christmas Trees

Let us have your orders at once, and we will make prompt shipments with high quality stock. Telegraph, telephone or write to

L. B. BRAGUE & SON, {Established 1867} **Hinsdale, Mass.**

Mention The Review when you write.



FINE EVERGREENS

Ferns and Leucothoe Sprays a specialty.
Get our price list before ordering.

F. H. STINSON, Banners Elk, N. C.



Mention The Review when you write

Attention Buyers! **Laurel Festooning made as a specialty**

Just what your order calls for, and nothing else, is what you get when placing your order with us.

Florists will find it to their advantage to anticipate their wants for the coming season, by placing their orders with us early. Sample leaves cheerfully sent upon application.

RIGHT WHERE THE LAUREL GROWS. TELL US YOUR WANTS.

THOS. A. ZETO, Newfield, N. J.

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SPECIAL ADVANCE CHRISTMAS NUMBER

OF THE FLORISTS' SUPPLY HOUSE OF AMERICA.



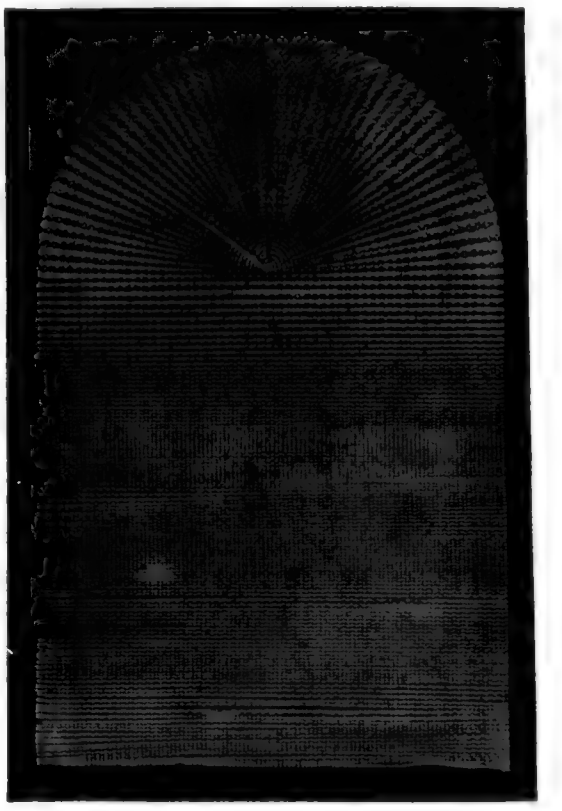
PORTO RICAN MATS
have become a staple since we introduced this splendid article to the trade. We are the world's largest importers of these goods and can supply you with mats in cheerful Christmas red, all desired colors.

CHIFFON MATS
in all colors for covering pots or for use as window rugs and table covers for plant stands.

POINSETTIAS
The kind that are all velvet, perfectly shaped, with the good red color. With foliage and without foliage.

Accordion Plaited Crepe Paper
comes 30 inches wide and 8 feet long. It can be effectively adjusted around plants or fern boxes and can be used as a doily for table decorations by forming a circle and standing a vase in center of same.

Single Crepe Paper Pot Covers with Bottom
come in all colors and fit any size pot from 5 in. to 9 in. Just the thing for coverings, as they are very cheap and can be thrown away afterward.



WATERPROOF CREPE PAPER
In all colors, does not droop; you may sprinkle the plant and not have to re-cover the pot.

WATERPROOF CREPE POT COVERS
are handy money and time savers.

FOR ANYTHING that you may not find here we refer you to OUR SILENT SALESMAN, who will be happy to call upon you immediately on receipt of an invitation.

H. BAYERSDORFER & CO., 1129 Arch Street, PHILADELPHIA

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Ferns——Galax——Moss

HEADQUARTERS FOR SOUTHERN WILD SMILAX

$3.00, $4.00 and $5.00 per case.

New Fancy Ferns
Per 100.....20c Per 1000.....$1.50

Green Leucothoe Sprays
Per 100.....50c Per 1000..... 5.00

Boxwood
Per lb.....20c Per case of 50 lbs.... 7.50
Per case of 100 lbs.....$14.00

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000.....$7.50

Green Galax Leaves
Per 1000..... 1.00 Per 10,000..... 7.50

Mexican Ivy
Per 100.....75c Per 1000..... 6.00

Green Sheet Moss
Per bundle.....$1.00 10 bundles ....$ 9.00
25 bundles..... 21.00

Sphagnum Moss
Large bales.....$1.50 per bale

SPECIAL PRICES ON LARGE QUANTITIES.

Imported Bronze and Green Magnolia Leaves, $2.00 per basket
Everything in Florists' Supplies

Full Line of Cut Flowers and Other Greens at All Times.

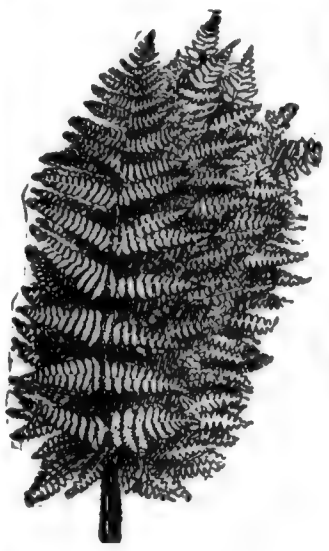
C. E. CRITCHELL, Wholesale Commission Florist, 34-36 East Third Ave., **Cincinnati, Ohio**

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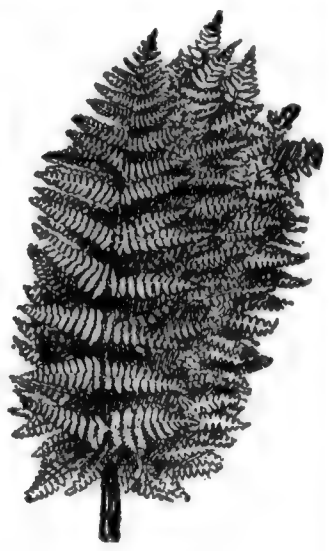
the green of the others, Mr. Craig thinks.

The ferns are an all-important family. The leading varieties of nephrolepis and several of the novelties, grown to perfection from basket size to specimen. Heretofore ferns have been grown for the holidays, then jammed together, those left, I mean, remaining uncared for until sold or dumped. Mr. Craig believes the fern is worthy of the best care throughout the year and is giving cultural skill and ample space. Besides the nephrolepis, two ferns are grown in 4-inch pots for hampers. Both promise well. They are Adiantum hybridum, bushy and clean, and the so-called hardy Farleyense.

The feature of the foliage plants is the combination made up in cedar tubs. A highly colored Dracæna terminalis, a showy croton, a silver and green Pandanus Veitchii and some graceful ferns skillfully planted in a 10-inch tub make a gift both beautiful and durable, because they are now established. Perfect specimens of Ficus pandurata, single and triplets, are grown in surprisingly small pots because Ficus pandurata rebels as a child on a cold morn-



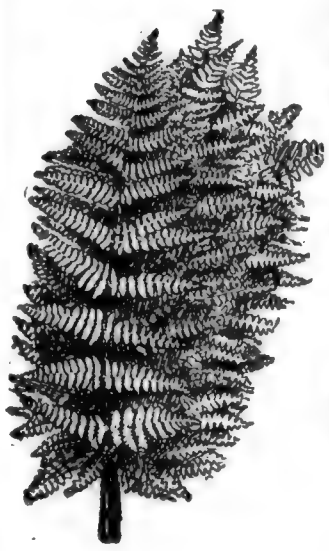
Fancy Ferns



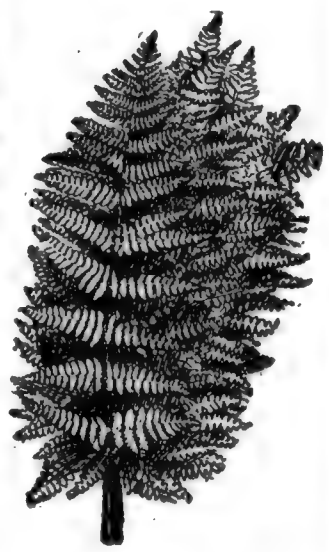
Finest stock in the country

$1.50 per 1000 Discount on large orders. **$1.50 per 1000**

Place your standing orders with us.
Full supply all the year around.



Imported green and bronze Magnolia Baskets, $2.25; 6 baskets	each,	$2.00
Galax Leaves, green and bronze	per 1000,	1.25
Green Leucothoe Sprays, extra fine	per 1000,	7.50
Boxwood	per lb., 20c; per case, 50 lbs.,	7.50
Wild Smilax	50-lb. case,	5.00
Sphagnum Moss	large bales,	1.50



Full supply Cut Flowers at all times.

Michigan Cut Flower Exchange

38-40 Broadway, Detroit, Mich.

Mention The Review when you write.

We are now shipping

Southern Wild Smilax

Natural and Perpetuated

SHEET MOSSES

E. A. BEAVEN, - EVERGREEN, ALA.

Mention The Review when you write.

ing when soused with water. Dracæna Massangeana is finely colored, the six's having markings that denote vigor by their strength and clearness.

The impression produced by the Christmas stock is an improvement of quality through experience and cultural skill.

Various Notes.

The Joseph Heacock Co. has purchased a farm of ninety-one acres adjoining the farm at Roelofs Station. This gives the company a total of 149 acres. The larger part will be devoted to intensive farming, while a certain portion is reserved for the expansion of their modern greenhouse plant.

Charles B. Stahl has a handsome second-story conservatory over the driveway and potting shed adjoining his store in South Philadelphia. A demonstrating room adjoining the conservatory is used for illustrating ideas in plant decoration. Mr. Stahl takes especial pride in his palms, many of which he imports direct from Belgium. In conjunction with his father, Balthasar Stahl, he supplies most of the plants used in the theater and hotel decorations of Philadelphia.

James McClane grows a variety of

WHOLESALE



Galax, Ferns, Leucothoe



—Ask for Price List—

The North Carolina Evergreen Co., - Banners Elk, N. C.

Mention The Review when you write.

IN THE SWIM

I must be in the swim.
You might forget my name,
And say I was to blame,
If you do not get the best.
So write—I'll do the rest.

Christmas Trees, Spruce or Balsam from 1 foot to 30 feet, in any quantity, also **Baled Spruce, Balsam** and **Hemlock Boughs,** by bale or carload, **Laurel** and **Evergreen Festooning** and **Wreaths, Sphagnum Moss,** hardy cut fancy and dagger **Ferns.** Yearly contracts made for them.

Send for Price List. Order Christmas Trees now, so as to be served in time and not be left.

H. J. SMITH, Hinsdale, Mass.

Mention The Review when you write

J. H. VON CANON & COMPANY



Evergreens Fresh From The Woods

Galax, Green, 50c per 1000; $3.50 per case of 10,000.
Galax, Bronze, ready about Nov. 20.
Ferns, Fancy and Dagger, 80c per 1000; $3.50 per case of 5000.
Green Leucothoe, regular lengths, $1.75 per 1000.
Green Leucothoe, 10 to 16-inch, $1.00 per 1000.
Laurel Leaves, 35c per 1000. **Sheet Moss,** 5c per lb.
Cash with order.



Wire Us
Elk Park, N. C. **BANNERS ELK, N. C.**

Mention The Review when you write.

Boxwood Sprays



¶ Shipments after December 1st made direct to you from the Southern plantations.

¶ Every case examined by our Inspector. We will guarantee the quality to be Sprays from untrimmed trees.

¶ If Quality and Quantity of a pound of fancy Sprays is required, we will have that.

¶ **Our price for this SELECT QUALITY is $7.50 per case** of 50 pounds net weight, packed in light shipping cases. We ship to all points in the United States and Canada. Let us quote you a **delivered rate** on 100-pound lots

FRESH FROM THE TREES TO YOU

Boxwood Sprays and Their Uses Today

It has taken an important place among the decorative material used by the florists.

It has come into favor with the wealthy and poor.

For the Holiday decorations, interwoven with berries, immortelles, statice, flowers or other decorative material, it has no equal in richness of color and durability.

Its neatness in garlands recommends its use freely in wedding and ball room decorations and in formal festoons, an especially harmonious decoration for the banquet hall or dining room.

Massed into wreath form it is an incense in memoriam.



WRITE THE INTRODUCERS OF THIS CLASSIC DECORATIVE MATERIAL TODAY

PITTSBURGH CUT FLOWER CO.

REPRESENTING OVER 2,000,000 FEET OF GLASS

Growers FANCY ROSES—CARNATIONS—ORCHIDS

121 Seventh St., {We Issue a Weekly Cut Flower Price List} **PITTSBURGH, PA.**

HOLLY-HOLLY-HOLLY

I have just returned from a two weeks' trip through the Holly sections of Delaware, Maryland and Virginia, and have contracted for my supply for the season of 1911. I expect to have several cars of very fine, dark green, well-berried Swamp Holly. I will have it packed as usual in regular size cases, 2x2x4, and guaranteed as represented. My first car will arrive in Philadelphia about December 1st. I filled all orders received last year and gave entire satisfaction and I hope to do so again this season. My price this year on orders received up to December 1st is **$3.00 per case.** After that date, at market price, which I am quite sure will be higher on account of scarcity.

HOLLY WREATHS
My Holly Wreaths will be made of the very finest selected dark green Holly on 10-inch hoops, and will be well-berried. $10.00, $12.50 and $15.00 per 100, according to quality.

LAUREL WREATHING
My Laurel Wreathing will be made of the brightest Swamp Laurel that it is possible to secure, in 50-yard lengths. Price, 2½c and 3c per yard.

MISTLETOE
My Mistletoe, from North Carolina, will be extra selected and full of berries. Per case, $3.50 to $5.00, according to quality.
Lycopodium, in 10-yd. rolls, 5c to 8c per yd.

I make a specialty of the above and guarantee all goods as represented or money refunded. Cash must accompany all orders.

F. B. WOOLEY, 152 Dock St., Reference: 6th National Bank, Mutual Trust Co. **Philadelphia, Pa.**

Mention The Review when you write.

carnations and one rose, My Maryland, at his greenhouses at Avondale, Chester county, for his two South Philadelphia stores.

Various Notes.

Robert Craig delivered the third Michell lecture on "Progress in Floriculture" November 25, before an appreciative audience. Professor Corbett, of Washington, D. C., will deliver the fourth lecture December 4. His subject will be "Country Life."

Bassett & Weller, of Hammonton, N. J., report the dahlia roots as unusually fine.

George E. Campbell has a range of Richmond roses that will well repay a visit to Flourtown to see.

M. Rice & Co. report the following visitors: J. N. King, Norristown, Pa.; Edward Welch, Boston, Mass.; J. W. Scallian, Chester, Pa.; Horace Remby, Collegeville, Pa.

Godfrey Aschmann is making careful preparation for a heavy Christmas business. Phil.

BENTON HARBOR, MICH.

Thomas Heaven has the material on the ground and is now erecting two houses, one 20x100 and one 14x100. Has also purchased the florists' business of Undertaker Young and will, as soon as the new houses are completed, have the largest area of glass in the city.

F. L. Tornquist has a new house, 20x80, completed last summer, and now occupied with plants in good condition.

The Central Seed & Bulb Co. has the material on the ground for a new propagating house, 15x32, which will soon be in readiness for use. They are harvesting a fine crop of gladioli, being especially fortunate in having a good growing season. Dahlias have rotted some from the exceedingly wet weather of the last month.

DAYTON, O.

Ray and Herbert Bartholomew and Roy Ewing were among the Nimrods who took advantage of the first day of the hunting season. Their report of the day was that they had a most enjoyable time, while their friends say they had an enjoyable feast on the results of the day's hunt, which well repaid the boys for their time. Not only did the cottontails suffer, but quails likewise.

Samuel Kurtz, who at the first of the month embarked in business for himself, says that, after considering local conditions, he has been quite satisfied with results. R. A. B.

CUT FERNS

FANCY AND DAGGER



30,000,000

will be my supply for the winter. You can't make a mistake if you place your order with me. Write for price.

Also dealer in

Christmas Trees and Bouquet Greens

ROBERT GROVES, 127 Commercial St., Adams, Mass.

Mention The Review when you write.

H In Case Lots and Car Lots

It is now time to get our prices. Sit down and drop us a post card.

O Also **Evergreen Wreathing**

L and **Wreaths**

L of all kinds.

Y

GEO. MIDDENDORF CO.
73-75 West So. Water St., CHICAGO

Mention The Review when you write.

CHRISTMAS GREENS

We have extra fine Roping in 20-yard rolls at 4, 5 and 6 cents per yard. Green Wreaths, 10-inch, $1.00; 12-inch, $1.25; 14-inch, $1.50; 16-inch, $2.00 per dozen. Green Moss Wreaths with Cape Flowers, 10-inch, $1.50; 12-inch, $2.00; 14-inch, $2.50; 16-inch, $3.00 per dozen. The newest thing out in Green and Bronze Oak and Magnolia Leaves in wreaths, 10-inch, 50 cents each; 12-inch, 75 cents; 14-inch, $1.00; 15-inch, $1.50. These are Wreaths that will keep for Cemetery Decorations all winter. We also offer green Blankets for grave coverings, 2x5 feet, $2.00; 6 feet, $3.00; 7 feet, $4.00 each. Boxwood Wreaths, 10-inch, 50 cents; 12-inch, 75 cents; 14-inch, $1.00; 16-inch, $1.50 each. These will measure from two to four inches more when made up.

Japanese Air Plants in Baskets and Canoes, $1.50, $2.00 and $2.50 per dozen.

GEO. A. KUHL Pekin, Ill.

FANCY AND DAGGER FERNS
60c per 1000; 12-in. and up.
Galax Leaves. 50c per 1000.
Leucothoe Sprays, 12 to 16-in., $1.10 per 1000.
Leucothoe Sprays, 18 to 24-in., $2.25 per 1000.
Fancy Ferns a Specialty.
The PINE MOUNTAIN EVERGREEN CO.
Lew, Avery Co., N. C.

Always Mention the... FLORISTS' REVIEW When Writing Advertisers

FANCY HOLLY

HOLLY—In cases 2x2x4 ft., $3.00 a case. This is swamp stock, and is very good this season. Well berried and green foliage. Short or mixed branches.

GREEN SHEET, or LOG MOSS—In bbls. or bags, $1.25. This moss is in large, thin pieces and will give satisfaction.

LAUREL BRANCHES—2x2x4-ft. case, $2.50. This is swamp stock and will hold its color much longer than the ordinary mountain laurel. With straight branches, for decorating.

LAUREL STEMS—For roping. Large bag, $1.00. Swamp stock, with short stems. Will make 90 to 100 yards of medium roping.

NEW STONE TOMATO SEED, 75c lb. This seed is from good stock of the best canning tomatoes. Special prices on large lots.

MISTLETOE — Large bunch in basket, $1.00.

All goods shipped direct from the swamps, and are fresh, with good color. Can ship Moss and Laurel all the year. Cash or satisfactory reference must accompany first order. Express and freight rates on application.

Postal wire reaches me direct.

W. Z. PURNELL, Snow Hill, Md.

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Wholesale Price List of Holiday Specialties

HOLLY.

Fancy Eastern Stock; selected especially for our trade. No better holly from the woods; crates 2/2/4 feet.

Per crate $4.00
5 crates or more, per crate..... 3.50

WINTER BERRIES.

Very fine this season, used largely with boxwood for making the better grade of wreaths; crates 6/16/24 inches.

Per crate $2.00

LAUREL FESTOONING.

Good heavy strings made to our order; fine foliage.

Per 50 yds. $2.50
Per 100 yds. 4.00
500 yds. or more, per 100 yds..... 3.50

BOXWOOD SPRAYS.

Our stock is free of heavy wood, consequently there is no loss in weight; bright green foliage.

Per bunch $0.25
Per 5 bunches..... 1.00
Per 50-lb. crate..... 7.00
Per 100-lb. crate.....13.50

GREEN SHEET MOSS.

Our ** brand.

Per bale $1.00
Per 10 bales 9.00

MAGNOLIA LEAVES.

Green and bronze.

Per hamper, domestic $1.75
Per hamper, imported 2.25

PREPARED OAK LEAVES.

Per hamper $2.25

GREEN LEUCOTHOE SPRAYS.

Per 100 .....$0.50
Per 500 ..... 2.25
Per 1000 ..... 4.00

FANCY EASTERN FERNS.

Per 100 .....$0.20
Per 1000 ..... 1.75

WILD SMILAX.

Per crate, 50 lbs.....$ 5.00
Per 5 crates..... 20.00

MISTLETOE.

Per lb. $0.20
Per 6 lbs. 1.00

GREEN MOSS WREATHS.

Per doz., 12-in.....$1.25
Per doz., 14-in..... 1.50

GALAX.

Green and bronze.

Per 1000 .....$1.00

WM. MURPHY, Wholesale Commission Florist

309 Main Street, Telephone Main 980, **Cincinnati, Ohio**

Mention The Review when you write.

Long Needle Pines. Magnolia Foliage and Magnolia Leaves. Natural and Fadeless Green Sheet Moss. Southern Wild Smilax.

Give us a TRIAL order—the OTHER orders will take care of themselves. We guarantee to ship you the BEST Southern Decorative Evergreens on the market. Stock cut and shipped within twenty-four hours after your order is received. Write, wire or Phone.

CHAS. S. LEE & CO., - - Evergreen, Ala.

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NEW BOXWOOD

CLEAN, BRIGHT STOCK

10 lbs.....$2.00 50 lbs. .....$ 7.50
25 lbs..... 4.00 100 lbs. 14.00

Special Prices on Larger Lots.

C. E. CRITCHELL, Wholesale Commission Florist, 34-36 EAST THIRD AVENUE, **Cincinnati**

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EVERGREENS



Anything You Want.
Leucothoe
Per 1000..80c to $1.80
Fancy Ferns
Per 1000..... 60c
Dagger Ferns
Per 1000..... 55c



Galax, green and bronze, 40c per 1000.
Moss, 4c per lb.
Laurel Sprays and Leaves, Hemlock (or Pine) Sprays, Cedar Sprays, Pine Cones and all other Greens priced on request. These prices, Dec. 10. Cash with order, please.

J. J. CABLE & SON, Butler, Tenn.

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THE NEW SEASON IS NOW AT HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

THE WEEKLY FLORISTS' REVIEW

NOW IS THE TIME TO

BEGIN!

Fancy or Dagger Ferns

$1.00 per 1000. Write for prices on large orders.

Galax, 75c per 1000; $6.50 per case of 10,000. **New Bronze** will be in November 25.



Tel. Office, New Salem, Mass.
L. D. Phone Connection.

MILLINGTON, MASS.

Try our **Boxwood,** it's the finest that grows; no waste; 50-lb. case, $7.50.
Laurel Festooning, the best, 4c, 5c and 6c per yard.
The finest **Laurel Wreaths** made, $3.00 per dozen.
Branch Laurel, 35c for large bundle.
Sphagnum Moss, $4.00 per bale.
Bouquet Green, 8c per lb.
Southern Smilax, $5.00 per case of 50 lbs.
Green Moss, $1.25 per bbl.
Partridge Berries, 10c per bunch of 50 sprays.

CROWL FERN CO., : Millington, Mass.

With stock as good, not better, and prices as low, not lower, than other jobbers, I solicit your weekly order.

G. J. Walker, Dealer in Fancy and Dagger Ferns

Savoy Centre, Mass.

Mention The Review when you write.

New Crop **SOUTHERN WILD SMILAX** Now Ready

Louisville Floral Co., P. O. Louisville, Ala.

Telegraph Office, Clayton, Ala.

Mention The Review when you write.

ESTABLISHED 1898.

SMITH'S GALAX LEAVES
LEUCOTHOE SPRAYS
are Standard.

WM. C. SMITH

Marion, North Carolina

Ask for Smith's Galax and Leucothoe. Distributors in Boston, Providence, New York, Philadelphia, Baltimore, Washington, Pittsburgh, Cleveland, Detroit, Chicago, Milwaukee, St. Louis and Cincinnati.

Always mention the Florists' Review when writing advertisers.

BEST FRENCH SEED.

Radish, Scarlet Globe; Self-Blanching Celery; Lettuce, Improved Big Boston (quality extra), Black Seed Big Boston, Beaulieu's Forcing, 45 head fill up a barrel; Beaulieu's Globe White Tipped Forcing (½ pink, ½ white) new radish; White Tipped Scarlet turnip; Beet, Detroit, Crosby; long smooth parsley, large rooted, extra; Spinach, Savoy, Viroflay, Triumph, etc.; Endive, Curled and Escarolle. All this has been selected by myself and is the quality as used by the market gardeners of Paris. Send for prices.

BEAULIEU,
Woodhaven, Borough of Queens, New York.



Watch for our Trade Mark stamped on every brick of Lambert's

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

P. C.
Trade Mark.

American Spawn Co., St. Paul, Minn.

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Vegetable Forcing.

CUCUMBERS IN POTS.

Will you be so kind as to give me some instructions in regard to the proper method of starting cucumbers in pots? Will the paper pots answer the purpose as well as the red clay ones, or will the quart strawberry baskets do as well as anything? How should the soil be prepared? Will sheep manure do for this purpose? If so, how should it be used? I am thinking of planting about January 1 and wish to know how long I can let them stay in the pots from the time of planting. Will it do them any harm to leave them in the pots until the latter part of February or the middle of March? These will be planted in the open field here, in Florida, after danger of frost is over. Can they be staked while in the pots and be taken from the stakes when I am going to set them out in the field? I have heard that if the vine is disturbed when it starts to run, it will not make cukes. Is there anything in this and can the vines be moved when in bloom? R. J. J.

In starting cucumbers inside, for planting into the field, many growers take square pieces of sod, turn them upside down and plant the seed in them. When the plants are about a month old they are lifted out of the hotbed along with the pieces of sod and are carried to the field; the sod holds the roots together. If left too long they do not do well. They must be watered well when planted out in the field. They can also be started in pots—two seeds in a 4-inch pot. Clay pots are better than paper ones.

The trouble in transplanting to the field is that the plants are taller and more tender than those grown in the open, and they are whipped by the wind and usually are stunted somewhat in the operation. Some growers claim that seed planted in the open at the same time will come about as quickly and bear better. It is quite a change for the plants and much depends upon the rain and wind about the time they are put out. I would advise experimenting in a small way first, before trying it extensively.

The soil should be light and loose and should have about one-fourth manure in it. If sheep manure is used, a much smaller quantity will be required, as it is much stronger, but does not loosen the soil up quite so well. The plants must go to the field not later than four weeks from the date of planting the seed. H. G.

Huntsville, Ala.—John Scott recently has returned from a visit at his old home at Nashville, Tenn.

West Hartford, Conn.—W. Wallace Thomson, the Vera street florist, has completed another greenhouse, 34x160. It will be used for sweet peas.

Livingston's Forcing Lettuces

are giving better satisfaction to more growers every year. The uniform product raised from our superb strains is sure of a ready market at top prices. Follow the example of the most successful, who largely plant "true blue" seeds.

Superior Strain GRAND RAPIDS

is selected with special care for greenhouse growers. Sure cropper of heavy plants. Handsomely curled, crisp and tender. Sells on sight. Oz., 15c; ¼ lb., 40c; lb., $1.60, postpaid.

LIVINGSTON'S BON TON

is finest for local markets. Prominent white midribs make it very brittle. Some growers say it is earlier than Grand Rapids. Oz., 15c; ¼ lb., 50c; lb., $1.85, postpaid.

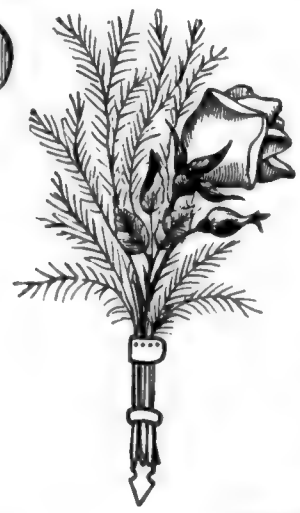
Ask for New "Specialty Booklet." Free to all interested in "Quality" Seeds.

THE LIVINGSTON SEED CO.
Desk R, Columbus, Ohio



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BEHRE'S IMPROVED MODEL

STEM-ER

Patent applied for.

A time-saver to the extent of lessening over 50% of the labor, together with the grace in which the leaves and flowers can be set by the firm hold the Stemmer has upon them, **making them an article of perfection.** They are now being used by leading designers.

Prices: From 1000 to 5000 at 75c per 1000; 10,000 lots at 70c; 25,000 lots and over at 65c. At your dealer's or direct from the factory.

E. H. BEHRE, Madison, N. J.

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CUT FLOWER AND DESIGN BOXES



All Sizes—Lowest Prices

WRITE US

C. C. Pollworth Co.
MILWAUKEE, WIS.

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CUT FLOWER BOXES

and FIBER SHIPPING CASES

It will pay you to get our samples and prices before ordering.

THE J. E. SMITH CO.
6-8-10-12 N. Central Ave., Baltimore, Md.

Mention The Review when you write.

STANDARD MAIL TUBES

The safe and dependable way to send **plants** by mail or express.

Economical to use, and no "come backs."

They stand up under the hardest tests.

Send for samples.

Standard Mfg. Co.
Second and Vine Sts., PHILADELPHIA, PA.

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Patent Applied For



SEFTON'S POTTED LIVE PLANT BOX

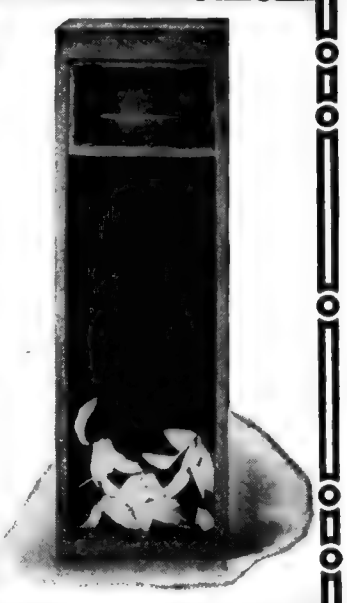
(MADE OF CORRUGATED FIBRE BOARD)
FROST PROOF

Designed to carry a live plant in absolute safety regardless of the position box is placed in or how roughly handled.

Whether right side up or up side down, the weight of the pot and earth rests on the inner construction of the box and cannot in any way injure the plant.

Used for express shipments and city deliveries. Ship Winter or Summer in safety. A new field open to florists—develop a mail order business.

These boxes are made in any size to fit different sized pots as well as different lengths of plants. When requesting prices, furnish us with outside dimensions of pot and length of plant above pot.



THE SEFTON MFG. CO.
1333 W. 35th ST., CHICAGO, ILL.
FACTORIES: CHICAGO, ILL. ANDERSON, IND. BROOKLYN, N. Y.

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Order Boxes Now

for your Holiday Trade. They will pay for themselves in saving of time and material, and your shipments will be delivered to your customers in perfect condition.

Send for Information

Lord Plant Box Co.

524 Andrus Bldg., MINNEAPOLIS, MINN.

Mention The Review when you write.

BETTER BOXES

are our constant aim. Made to your special order—any size, shape or design, lined or unlined. Ask for particulars today.

Phone Dearborn 423

H. SCHULTZ & CO., Superior and Roberts Sts., **Chicago**

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CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

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H. & D. FLORISTS' BOX

Universally used for shipping cut flowers and designs. The dead-air cells form a perfect non-conductor of heat and cold, thus preserving contents much longer than ordinary wood box.

H. & D. Florists' Box can be used several times Is much lighter than the ordinary box, thus saving in express charges.

Write for Catalogue
"HOW TO PACK IT"

THE HINDE & DAUCH PAPER CO., Sandusky, O.

Mention The Review when you write.

Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$1.90 per 100
No. 1	3x4½x16	1.75 per 100
No. 2	3x6x18	2.25 per 100
No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x28	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x20	6.25 per 100
No. 11	3½x5x30	3.25 per 100
No. 12	6x12x39 (telescope)	10.00 per 100
No. 13	5x10x30	5.50 per 100
No. 14	6x16x39	10.00 per 100

This list will cancel all former lists.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

LIVINGSTON SEED CO.
COLUMBUS, OHIO

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CLIMAX CLASSY CUT FLOWER BOXES

Five Grades—Oxford Gray, Mist Green, Nonpareil Green, White Carnation and our popular "Favorite Grade"—the latter a heavy, full telescope shipping box. All popular sizes in stock for immediate shipment. Before placing order, it will pay you to write for prices and samples. Address

THE CLIMAX MANUFACTURING CO.
200 Factory St., CASTORLAND, N. Y.

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EDWARD REID Beauties, Orchids, Valley and all Seasonable Varieties of Cut Flowers of Reid Brand.
WHOLESALE FLORIST 1619-21 Ranstead St., Philadelphia, Pa.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Nov. 29, 1911.

	Per doz.
Beauty, Specials	$4.00 @ $6.00
" Extra	3.00
" Medium	2.00 @ 2.50
" Short	1.00 @ 1.50
	Per 100
The Killarneys, Fancy	$ 8.00 @ $12.00
" Select	5.00 @ 6.00
" Ordinary	3.00 @ 4.00
My Maryland, Bride, Richmond—Fancy	8.00 @ 12.00
Select	5.00 @ 6.00
Ordinary	3.00 @ 4.00
Melody	3.00 @ 8.00
Carnations, The Wards, Gloriosa	5.00
" Select	3.00 @ 4.00
" Ordinary	1.50 @ 2.00
Cattleyas ...per doz., $7.50 @ $9.00	
Dendrobium.....per doz., 6.00	
Oncidiums	2.50 @ 3.00
Vandas	20.00
Cypripediums	15.00
Gardenias.. per doz., $2.00 @ $4.00	
Easter Lilies.per doz., 1.00 @ 1 20	
Callas.....per doz., 1.00	
Asparagus....bunch, .35 @ .50	
Adiantum	.75 @ 1.00
Smilax	12.50 @ 15.00
Valley	3.00 @ 4.00
Sweet Peas	.50 @ 1.00
Chrysanthemums.....doz.	
" fancy..$2.50 @ $3.00	
" select.. 1.50 @ 2.00	
" ordinary .75 @ 1.00	
" Pompons, per bunch, 35c @ 50c	
Violets, single, fancy	1.00 @ 1.50
" " ordinary	.35 @ .50
" double, fancy	1.25 @ 1.50
" " ordinary	.50 @ .75
Daisies	.75 @ 1.00
Bouvardia	3.00 @ 4.00
Snapdragon	2.00 @ 4.00
Pansies	.50
Lilacs.....per bunch, $1.00	
Stevia	1.00
Paper Whites	3.00

Buffalo, Nov. 29, 1911.

	Per 100
Beauty, Specials	$40.00 @ $50.00
" Fancy	30.00 @ 35.00
" Extra	20.00 @ 30.00
" Firsts	10.00 @ 12.00
" Shorts	4.00 @ 6.00
Bon Silene	3.00 @ 4.00
Perle	4.00 @ 8.00
Bride and Maid	3.00 @ 8.00
Killarney	3.00 @ 10.00
White Killarney	3.00 @ 8.00
Richmond	4.00 @ 10.00
Maryland	4.00 @ 8.00
Carnations	2.00 @ 4.00
Lily of the Valley	3.00 @ 4.00
Longifiorums	10.00 @ 12.00
Japan Lilies	3.00 @ 4.00
Chrysanthemums	6.00 @ 25.00
Violets	.75 @ 1.00
Mignonette	3.00 @ 4.00
Sweet Peas	.60 @ .75
Paper Whites	3.00
Romans	3.00
Stevia	1.00 @ 1.25
Callas	8.00 @ 10.00

St. Louis, Nov. 29, 1911.

	Per doz.
Beauty, Specials	$4.00 @ $6.00
" Extra	2.00 @ 3.00
" Shorts	.50 @ 1.50
	Per 100
Bride, Maid and Cochet	$ 4.00 @ $10.00
Richmond	4.00 @ 10.00
Maryland	4.00 @ 10.00
White Killarney	4.00 @ 10.00
Killarney	4.00 @ 10.00
Carnations	3.00 @ 6.00
Lily of the Valley	3.00 @ 4.00
Harrisii	10.00 @ 12.50
Chrysanthemums..doz., $1.50-$3.00	
Orchids.....doz., $5.00 @ 6.00	
Violets	.25 @ 1.00
Paper Whites	3.00 @ 4.00

WELCH BROS., 226 Devonshire Street, Boston
The Largest Wholesale House in America
Orchids :: American Beauties :: Gardenias :: Other Seasonable Flowers

WILLIAM J. BAKER, Wholesale Florist... 1432 South Penn Square, PHILADELPHIA, PA.
CARNATIONS, CALLAS, SWEET PEAS and STEVIAS.
Mention The Review when you write.

SNAPDRAGONS AND SWEET PEAS
Eugene Bernheimer, 11 S. 16th St., PHILADELPHIA, PA.
Mention The Review when you write.

FINE BONNAFFON, POMPONS, CARNATIONS.
Samuel F. Lilley, WHOLESALE FLORIST
A good market for more Choice Flowers
5 Mole St., Philadelphia, Pa.
Mention The Review when you write.

George B. Hart
WHOLESALE FLORIST
24 Stone Street. ROCHESTER, N. Y.
Mention The Review when you write.

Wm. P. Eldridge
WHOLESALER OF CUT FLOWERS and FLORISTS' SUPPLIES
528 Nicollet Ave. Minneapolis, Minn.
Mention The Review when you write.

J. Kopelman
Wholesale and Commission Florist
25 Washington St., Providence, R. I.
GREENHOUSES, OAKLAWN, R. I.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Boston, Nov. 29, 1911.

	Per 100
Beauty, Specials	$25.00 @ $35.00
" Extra	10.00 @ 15.00
" Short Stems	3.00 @ 8.00
Killarney	2.00 @ 12.00
White Killarney	2.00 @ 12.00
My Maryland	2.00 @ 8.00
Mrs. Aaron Ward	2.00 @ 10.00
Lady Hillingdon	2.00 @ 8.00
Richmond, Rhea Reid	2.00 @ 16.00
Carnations	2.00 @ 5.00
Cattleyas	30.00 @ 40.00
Cypripediums	8.00 @ 10.00
Pansies	.50 @ 1.00
Lily of the Valley	1.50 @ 3.00
Lilium Longifiorum	10.00 @ 12.00
Gardenias	4.00 @ 12.00
Chrysanthemums	4.00 @ 25.00
Violets, single	1.00 @ 1.50
" double	.75 @ 1.00
Sweet Peas	.50 @ .75
Antirrhinums	3.00 @ 6.00
Marguerites	1.00 @ 2.00
Paper White Narcissi	1.00 @ 2.00
Roman Hyacinths	1.00 @ 2.00

The Munk Floral Co.
Wholesale Growers of
CUT FLOWERS
and Jobbers of
FLORISTS' SUPPLIES
Columbus, : Ohio
Mention The Review when you write

Wm. C. Smith Wholesale Floral Co.
Wholesale Florists
1316 Pine St., Both L. D. Phones, ST. LOUIS
Supplies and Everything in Season always on hand.

H. G. BERNING
WHOLESALE FLORIST
1402 Pine Street
ST. LOUIS, MO.
Mention The Review when you write.

C. A. KUEHN, Wholesale Florist
Cut Flowers and Florists' Supplies
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of SUPPLIES always on hand. Write for catalogue and prices.
1122 Pine Street, ST. LOUIS, MO.
Mention The Review when you write.

Prepared Magnolia Leaves
Green or Brown. Imported stock. Extra choice quality guaranteed.
Per carton (about 1000 leaves) $2.25
Five cartons and over, per carton .. 2.00
Order Quick.
GEO. H. ANGERMUELLER, Wholesale Florist.
1324 Pine St., ST. LOUIS, MO.
Mention The Review when you write.

Roses ∴ Beauties ∴ Mums ∴ Pompons ∴ Orchids ∴ Valley ∴ Violets
Carnations ∴ Lilies ∴ Daisies ∴ Boxwood ∴ Sheet Moss
PITTSBURGH CUT FLOWER COMPANY
Wholesale Growers **121 Seventh St., Pittsburgh, Pa.**

Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Nov. 29, 1911.

	Per doz.
Beauty, long stems	$6.00
" 36-in. "	5.00
" 30-in. "	4.00
" 24-in. "	3.00
" 20-in. "	2.50
" 15-in. "	2.00
" 12-in. "	1.50
" short "	1.00

	Per 100
Killarney	$4.00 @ $12.00
White Killarney	4.00 @ 12.00
Richmond	4.00 @ 12.00
My Maryland	4.00 @ 12.00
Mrs. Jardine	4.00 @ 8.00
Rhea Reid	4.00 @ 10.00
Mrs. Aaron Ward	4.00 @ 15.00
Prince de Bulgarie	4.00 @ 15.00
Melody	4.00 @ 10.00
Carnations	2.00 @ 6.00
Valley	3.00 @ 5.00
Easter Lilies	12.50
Cattleyas...per doz.,	$6.00 @ $10.00
Mums..... "	1.00 @ 3.00
Violets	.75 @ 1.25
Sweet Peas	.75 @ 1.50
Paper Whites	3.00 @ 4.00
Stevia	1.50 @ 2.00

Pittsburgh, Nov. 29, 1911.

	Per doz.
Beauty, Specials	$6.00
" Fancy	$4.00 @ 5.00
" Medium	2.00 @ 3.00
" Short	1.00 @ 1.50

	Per 100
Killarney	$ 4.00 @ $12.00
White Killarney	4.00 @ 10.00
Richmond	4.00 @ 12.00
My Maryland	4.00 @ 10.00
Carnations	2 00 @ 5.00
Cattleyas	60.00 @ 75.00
Oncidiums	3.00 @ 4.00
Valley	3.00 @ 4.00
Lilies	10.00
Chrysanthemums	6.00 @ 30.00
Violets, double	1.00 @ 2.00
Daisies	1.00 @ 1.50
Romans	1.00 @ 4.00
Paper Whites	3.00 @ 4.00
Stevia	1.00 @ 2.00
Sweet Peas	1.00 @ 2.00
Lilac....per bunch,	$1.00 @ $1.50

Cincinnati, Nov. 29, 1911.

	Per doz.
Beauty, Extra	$3.00 @ $6.00
" No. 1	3.00
" No. 2	1.00 @ 1.50

	Per 100
Killarney	$ 4.00 @ $ 6.00
Richmond	4.00 @ 6.00
Bride	4.00 @ 6.00
Carnations	2.00 @ 3.00
Lilium Harrisii	10.00 @ 15.00
Lily of the Valley	3.00 @ 4.00
Cattleyas	60.00
Mums.....per doz.,	$1.50 @ $2.00
Violets	.50
Narcissi	3.00

Milwaukee, Nov. 29, 1911.

	Per doz.
Beauty, Long	$5.00 @ $6.00
" Medium	3.00 @ 4.00
" Short	1.50 @ 3.00

	Per 100
Richmond	$ 8.00 @ $10.00
Killarney	3.00 @ 10.00
White Killarney	3.00 @ 10.00
Carnations	2.00 @ 6.00
Valley	3.00 @ 4.00
Lilies	10.00 @ 12.50
Chrysanthemums, doz.,	$0.75-$3.00
Violets	1.50 @ 2.00
Snapdragon.... bunch,	35c @ 75c
Mignonette..... "	25c

J. A. BUDLONG
82-86 E. Randolph Street, CHICAGO.
ROSES, VALLEY and CARNATIONS A Specialty
WHOLESALE GROWER of CUT FLOWERS

Vaughan & Sperry
WHOLESALE FLORISTS
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New York, Nov. 27, 1911.

	Per 100
Beauty, Specials	$35.00 @ $50.00
" Fancy	20.00 @ 35.00
" Extra	10.00 @ 20.00
" No. 1	5.00 @ 10.00
" No. 2	2.00 @ 4.00
Bride and Maid	.50 @ 5.00
Killarney	.75 @ 6.00
My Maryland	.75 @ 6.00
Richmond	.75 @ 6.00
Chatenay	2.00 @ 10.00
Orchids	40.00 @ 75.00
Oncidiums	1.50 @ 2.00
Cypripediums	10.00 @ 12.00
Carnations	1.00 @ 3.00
Easter Lilies	4.00 @ 6.00
Lily of the Valley	2.00 @ 3.00
Gardenias...per doz.,	$1.00 @ $4.00
Violets	.40 @ .75
Daisies	.50 @ 1.50
Ferns.....per 1000,	1.00 @ 1.50
Smilax.....per doz.,	.75 @ 1.25
Chrysanthemums	3.00 @ 35.00
Sweet Peas, doz. bches.,	$0.75-$1.00
Narcissi .....bunch,	.20- .25
Callas.....per doz.,	1.00- 1.25

N. LECAKES & CO.
53 W. 28th St., NEW YORK
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Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street, and 34th Street Cut Flower Market.
SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.
Green and Bronze Galax Leaves.

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55 and 57 W. 26th Street, Cut Flower Exchange, NEW YORK
OPEN ALL DAY
An Unexcelled Outlet for CONSIGNED FLOWERS
Telephone No. 830 Madison Sq.

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UNITED STATES CUT FLOWER CO.
Wholesale Florists
ELMIRA, NEW YORK
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HENRY R. CRAWBUCK
270 Pearl St., BROOKLYN, N. Y.
Wild Smilax, Galax, Ferns, Palm Leaves, etc
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Cut Flowers and Florists' Supplies.
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Most convenient store for customers in the city. Tel. 7062 Madison.

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☞ A complete assortment of the best in the market can always be relied upon.

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EVERGREENS

Fancy and Dagger Ferns, Galax, Brown and Green

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Leucothoe Sprays, Princess Pine, Holly, Southern Wild Smilax. Telephone 1202 Madison



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Dealers in Florists' Supplies

☞ Our Specialties, Wheat Sheaves and Baskets

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Detroit Cut Flower Supply House

Wholesale Commission Florist H. V. PEARCE, Pres

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Consignments solicited

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George Saltford

WHOLESALE FLORIST

129 West 28th Street, New York City

Tel. No. 4093 Mad. Sq.

We have room for a few more good growers. Prompt payments and top prices.

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HOLLY

Why Does Barnard's Holly Lead in Quality?

Because we send our own men from Chicago to the Holly Swamps to superintend the selection, cutting and packing, during the entire season. They are men of twenty years' experience in packing Holly, and are well acquainted with the requirements of the most critical florists. They are instructed that **"the best is just good enough for our trade."**

The Holly crop this year is exceptionally fine; the best in many seasons—plenty of red berries and dark glossy leaves. Will sell well.

HOLLY—Eastern Grown

Our Selected Fancy Florist Grade

Full size case of 16 cu. ft., **$5.00**; 3 cases for **$13.50**; per half case, **$2.50**; per bbl., **$1.75**.

Larger lots at lower prices.



BARNARD'S

HOLLY WREATHS

They are made on our premises; **have style in appearance** and **are perfect in workmanship.** We use select Eastern Holly only in manufacturing them. The very fact that some of the most critical retail florists buy their holly wreaths from us season after season is sufficient guarantee. We have the most competent and experienced operators in our employ, and can make very lowest prices on any special sizes required.

Single Holly Wreaths

Made on Rattan Rings

12 inch, per doz., $1.50; per 100, $10.00; per 1,000, $90.00.

Double Holly Wreaths

Made on Rattan Rings

12 inch, wound on both sides, per doz., $2.25; per 100, $18.00.

Specially made wreaths of larger sizes at correspondingly low figures.

Prices herein named are for wreaths made on rattan rings. They should not be considered as competing with lightly made wreaths wound upon wire. If such are wanted for special purposes write for quotations and state quantity desired.

IMPORTED IMMORTELLES

Best French grown; our own importation. Large bunches of well formed flowers dyed in bright colors as follows: White, Scarlet, Pink, Light Blue, Dark Blue, Purple, Green.

Be sure to buy sufficient.

Order early; have them when needed.

Per bunch, 35c; per doz., $3.75; per 100, $30.00.

Natural Yellow, per bunch, 30c; per doz., $3.25; per 100, $25.00.



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elected stock erritory. **Prime e branches with eautiful berries.** arrangements pect to have it very about De- **We ship Mis- ess only, owing** rishable nature. bility ceases very to the ex- .

; 10 lbs., $1.90;

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CHRISTMAS TREES

Notwithstanding the immense damage forest fires have done to Christmas trees in Northern Wisconsin and Michigan, we succeeded in locating some Christmas tree swamps containing well branched trees of perfect shape. All our trees are selected for form, quality and appearance and inspected before tying by our own agents. We handle both Wisconsin and Vermont trees.

Please do not confound these trees with the common stock, cut to count only, which generally flood the market. Our trees are carefully selected, graded and bundled so that they retain all their beauty and shape. We carry a full supply and can fill all orders very promptly. Sizes run from 4 ft. up to 25 ft.

	Each	Doz.	100.
4 to 6 feet	$0.20	$2.00	$15.00
6 to 8 feet	.30	3.25	25.00
8 to 10 feet	.50	5.00	40.00
10 to 12 feet	1.00	9.00	70.00

Special rates on large quantities and carload lots.

Larger trees for Churches and Halls, each, $2.00, $3.00, $5.00, etc., according to size. They run from 15 to 20 feet. Name size desired or amount you wish to expend and we will send good value.

Fancy Little Christmas Trees

EXTRA SELECTED SPRUCE

Fancy little trees for tables, etc., 3 to 4 feet high, mounted on stands cut out of birchwood, very ornamental for clubs, hotels, parlors, etc.

30 cents each. $2.50 per dozen. $18.00 per 100

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MADE FROM INDIAN PICKED GREEN

(FOR FESTOONING)

Unsurpassed for Beautifying Homes, Churches, Stores

Our Evergreen Wreathing is made upon our own premises by experienced, competent employes. It is ready for immediate use and can be cut to any length without unrolling. **Made of selected green, wound by hand upon wire.**

Owing to the scarcity of raw material, please write or wire for quotations.

Tied in coils of 20 yards each; 10 coils, 200 yards, in a crate. Measurement guaranteed. Standard grade.

Quotations mailed on application.



Evergreen Wreaths

Made from selected Indian picked green, wound upon 12-inch rattan rings, and decorated with red Immortelles. **A very handsome wreath,** holding color for weeks and weeks.

Original cases contain 50 Single Wreaths or 50 double Wreaths.

Single, per doz., $1.10; 100, $9.00
Double, " 1.80; " 12.50

Our Double wreaths are especially recommended. You will find they meet with ready sale.

We will not disappoint you either as regards quality or good service.



nd Xmas Sundries free for the asking.

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Provision for guaranteed accounts

W. J. PALMER, Buffalo, Vice-Pres.

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Write for particulars to
IRWIN BERTERMANN, Secretary,
241 Massachusetts Avenue,
Indianapolis, Ind.

Want and For Sale Department

Advertisements under this head 10 cents per line, cash with order from all who do not do other advertising. In sending remittance count seven words to the line.

Display advertisements in this department $1.30 for one inch space.

When answers are to be sent in our care, add 10 cents for forwarding.

Plant advertisements not admitted under this head.

SITUATION WANTED—As helper in retail store or wholesale house; first-class references; Chicago preferred. Address No. 175, care Florists' Review, Chicago.

SITUATION WANTED—As working foreman; all-round florist, life experience, married; prefer up-to-date retail place. Address J. Hodge, 725 State Street, Meadville, Pa.

SITUATION WANTED — First-class grower roses, carnations, bedding stock, etc.; 13 years' experience, sober and reliable. Florist, 3719 Page Blvd., St. Louis, Mo.

SITUATION WANTED—By general grower of roses (grafter and propagator), carnations, mums and cutting stock; German, single, 30 years of age; sole to take charge. Address No. 167, care Florists' Review, Chicago.

SITUATION WANTED—By all-round store man, well up in all branches of the trade; can take complete charge as to managing up-to-date store; can furnish the best of references; will be at liberty after Dec. 8. Address No. 177, care Florists' Review, Chicago.

HELP WANTED—At once, gardener and florist of ability, who is strictly temperate and honest. Mrs. S. H. Myers, Monon, Ind.

HELP WANTED—Young man who has had some experience in the handling and packing of flowers. Address No. 173, care Florists' Review, Chicago.

HELP WANTED—Sober, industrious man for commercial place; state age, wages expected and send reference in first letter. Chas. Vorkeller, So. Bethlehem, Pa.

HELP WANTED—A good carnation grower; also a man having good knowledge of plant growing; $15.00 per week with room on place; single man only; send reference with answer. Washington Florists Co., 13th and F Sts., Washington, D. C.

WANTED—Small retail place; eastern states; rent or buy; January 1st. Address No. 178, care Florists' Review, Chicago.

FOR SALE—A good live business and stock in an up-to-date lively factory town of 6000; will lease modern residence, greenhouses and land for a term of years; only those who mean business need to reply; southern Michigan. Address No. 134, care Florists' Review, Chicago.

FOR SALE—Surplus wire hanging baskets to close out, all new and in A 1 condition; 10-in., 75c per doz.; 14-in., $1.25 per doz.; 16-in., $2.00 per doz.; 18-in., $3.00 per doz.; 20-in., $5.00 per doz. Painted pot labels, 4-in., 50c per 1000. Cash with order. Jas. M. Tanner, Florist, Emporia, Kan.

FOR SALE—The long established florist business of John E. Haines, Bethlehem, Pa., recently deceased; 24,000 feet of glass; the business is now successfully and profitably conducted by his executor, but must be sold to carry out the provisions of his will. L. F. Leibfried, Executor, Estate of John E. Haines, dec., Bethlehem, Pa.

FOR SALE—Flower pots. Per 1000: 2-in., $2.50; 2½-in., $3.00; 3-in., $4.50; 3½-in., $6.50; 4-in., $7.50; 5-in., $12.50; 6-in., $1.50 per 100. Saucers, 5-in., 75c per 100; 6-in., $1.00 per 100. These pots have been used, but have all been scrubbed by hand, and are practically as good as new. F. O. B. Cash with order. Jas. M. Tanner, Florist, Emporia, Kan.

FOR SALE—One-half interest, or will sell my whole equipment of three greenhouses, one dwelling, large cellar, work rooms and barn; heated by steam; we want a manager who is experienced and can take entire charge; city about 9000 pop.; the only growers here; have been established three years; good trade built up; a good opportunity for the right one. Overland Gardens, Laramie, Wyo.

FOR SALE—Well established florist business in town of 10,000, with good resort trade; 9,000 ft. of glass in two modern King Construction Co. houses; Kroeschell hot water boiler; well stocked for winter and in good shape; we operate a store in a good location downtown, which we will rent if desired; greenhouse plant, with lease on land, $5,000; will also sell residence and land, if desired; write for details and a photo of plant, or call and investigate for yourself. The Flower Shop, Chas. S. Dutton, 24 W. 8th St., Holland, Mich.

FOR SALE—5 greenhouses, the best money-maker in the west. Amarillo Greenhouses, Amarillo, Tex.

FOR SALE—5 greenhouses, cheap, on easy terms; net profit $6,000.00 per year. T. A. Gettys, Amarillo, Tex.

FOR SALE—A live established florist business; investigate this fine opportunity. Address No. 174, care Florists' Review, Chicago.

FOR SALE—Set of McCaslin cement bench forms, good as new; price, $25; if in doubt, write. Hill City Greenhouses, Forest City, Iowa.

FOR SALE—General Electric motor, 3 H. P., single phase, 60 cycle, 220 volt, 1,800 rev. per minute; good as new; bargain. W. B. Woodruff, Westfield, N. J.

FOR SALE—No. 3 Kroeschell boiler, used 3 seasons, as good as new; price right if taken now, as I need the room. Address Carl R. Lloyd, Sweet Hill Greenhouses, Plaistow, New Hampshire.

FOR SALE—Good live nursery business, new country, at bargain; half cash; fine stock, ten acres land, irrigating plant, Vinifera grape vineyard, 4,000 vines. For particulars write The Snyder Nursery, Snyder, Texas.

FOR SALE—One Hitchings tubular sectional hot water heater No. 332; will heat 2000 feet 2-in. pipe or 3600 sq. ft. glass; $40.00 F. O. B. here. Edwards Floral Hall Co., 1716 Pacific Ave., Atlantic City, N. J.

Mr. Retaller:—

Have you a place for a first-class designer, make-up and salesman; strictly sober, best of references? If so, I am the man you want. Don't wait too long in letting me know, as this advertisement will bring results. I will be at liberty in a few weeks. Yours truly.

No. 172, care Florists' Review, Chicago.

Storeman

Young man, competent designer, decorator and salesman, accustomed to high-class trade, desires to locate in the south, where ability, sobriety and honesty will prove an asset.

Address Box 322, Richmond, Va.

FOR SALE QUICK
Great Dane Male Dog

16 months old, large for his age, and a fine specimen; no better blood lines on earth; entitled to registration. For further information,
—Write—
The Anderson Floral Co., - Anderson, S. C.

Wanted--Seedsman

For retail store in the south. Must have five years' or more experience in seed business. In answering, name age, give experience and reference. Address

No. 170, care Florists' Review, Chicago

DO YOU WANT TO GO IN BUSINESS FOR YOURSELF?

I have, which I will rent or lease for next year or longer, an up-to-date, well established florist's business.

If you are a young man, and an experienced florist, write quick for particulars.

W. C. DENMARK, Florist, Goldsboro, N. C.

Cash For Your Property or Business. I bring buyer and seller together, no matter where located. If you want to buy or sell, address FRANK P. CLEVELAND, 2780 Adams Express Building, Chicago, Ill.

For Sale

A high-class, paying floral establishment on upper Broadway, New York City. J. POST, 5 East 58th St., New York City.

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will find it to their interest to read **Park and Cemetery** and **Landscape Gardening** regularly. Some gardeners consider it the best journal on landscape gardening. Send 25c for two copies and special offer to new subscribers.

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FOR SALE--NURSERY--Established 20 Years

Close in to the city of Los Angeles; 4 acres, greenhouses, lath houses, etc.; well stocked with Adiantum, also the celebrated Adiantum Roedderii. Reason for selling, death of Mr. A. Roedder. This place can be bought outright, or will sell stock and good will, with a long lease on the land. Address

MRS. A. ROEDDER, R. R. 8, LOS ANGELES, CAL.

Seven Pages of Retailers' Cards

This department for the cards of Leading Retail Florists—those florists who have the facilities for filling the orders sent them by other florists—has made possible the recent rapid development of this branch of the business, a branch of the trade now established for all time and so helpful that its volume will keep on increasing for many years.

Are you sending and receiving your share of these orders? You can send your share (and make 20 per cent profit without effort) if you let your customers know you can perform this service for them. To receive your share—well, The Review's department for Retailers' cards remains the one way of getting prompt action on the order in hand.

To be represented costs only 70 cents per week on a yearly order. This is for one-inch space. Other spaces in proportion.

Why not send your order today—**now**—before you forget it?

LOUISVILLE, KENTUCKY

JACOB SCHULZ, Flower Shop, 550 South Fourth Avenue, Greenhouses, 831 Cherokee Road.

Personal attention given to out-of-town orders for Louisville and surrounding territory. Member Florists' Telegraph Delivery

E. R. FRY, Florist
Rochester, N. Y.
I have constantly on hand a seasonable variety of fresh cut flowers, which I will deliver promptly in Rochester and adjoining towns.

KENOSHA, WIS.
and all points between
CHICAGO AND MILWAUKEE
Mail, wire or phone your orders to
P. N. OBERTIN, 567 Chicago St., KENOSHA, WIS.

Indianapolis, Ind.
241 Massachusetts Ave.
Bertermann Bros. Co.
LEADING FLORISTS
Members Florists' Telegraph Delivery Ass'n.

Lexington, Ky.
JOHN A. KELLER, Florist
High Grade Cut Flowers and Designing : : : :
All orders entrusted to us for Central Kentucky will have careful attention.

Lang Floral & Nursery Co., DALLAS, TEXAS
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

Prompt and personal attention given all orders.
MRS. J. T. HINCHLIFFE
FLORIST
504-506 Wisconsin St., Racine, Wis.

Special care taken with telegraph orders for
DETROIT AND VICINITY
L. Bemb Floral Co., Albert Pochelon, Prop., 153 Bates St.

Chas. W. Crouch, KNOXVILLE, TENN.
The Leading Florist of the South
All Orders Given Special Attention

GEO. C. BAKER, Florist
206 E. Park Ave., San Antonio, Texas

CLARK, FLORIST, SCRANTON, PA. 124 Washington Ave.
Telephone or telegraphic orders for any city or town in Northeastern Pennsylvania will receive prompt execution. Usual discount. Both phones No. 2454.
Mention The Review when you write.

PROVIDENCE.

The Market.

There has been the usual pre-Thanksgiving apathy in the retail trade and comparatively little general business was done. Numerous funerals as well as several coming-out parties, teas and receptions, with a few large weddings, have combined, however, to make a satisfactory situation. Slightly colder weather is expected to contribute to the optimistic outlook for the coming weeks. Prices have stiffened slightly and will advance more during the next few days. There is a scarcity of good white mums and pinks are practically all gone. There is a plethora of yellows. Carnations are coming in better quality and quantity and roses are showing fine form.

Club Meeting.

The annual meeting of the Florists' and Gardeners' Club of Rhode Island was held November 20 at the rooms in Swarts hall, 96 Westminster street, at which there was a good attendance. President Robert Johnston conducted the meeting.

The reports of officers and committees showed the organization to be in a flourishing condition. The committee on coöperation with the Rhode Island Horticultural Society reported that the committee had assisted the latter society on the occasion of the recent fall exhibition with much success, and that the prospects for more satisfactory results during another season were bright. The club was represented on the board of judges by Cornelius Hartstra and Eugene McCarron.

Two names were added to the membership list of the club, those of Olney H. Williams, of Johnston, and John Marshall, of North Providence. It was voted to hold a banquet similar to those held in previous years, and a committee consisting of Eugene A. Appleton, Alexander Macrae and Michael Swee-

BUTZ BROS.
Established 1851
New Castle, Pa.
Orders executed between Pittsburg and Erie and all western Pennsylvania points.

Canada's Florist
Dunlop's
96 Yonge St., TORONTO

"WE NEVER SLEEP"
IDLEWILD GREENHOUSES, **Memphis, Tenn.**
89 South Main Street
"Up-to-the-minute" Service and Execution.
Every Flower in Season.

WILSON **BROOKLYN** New York
Telephone, 6800 Prospect

Louisville, Ky.
F. WALKER & CO., 634 Fourth Ave.

Pontiac, Ill. W. J. Miller & Son 412 E. Payson St.
All orders receive prompt and personal attention.

LOU HELEN DUNDORE, THE ROSERY
110 W. King St., LANCASTER, PA.

CORNELL and WELLS COLLEGES and
CENTRAL NEW YORK ORDERS
Dobbs & Son, Wholesale and Retail Florists, Auburn, N. Y.

MINNESOTA NORTH DAKOTA MONTANA
SMEDLEY & CO.
Fargo, North Dakota and Miles City, Montana

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Bell Main 2809
Cuy. Central 1866

The Smith & Fetters Co.

LEADING FLORISTS

735 Euclid Ave., CLEVELAND

Samuel Murray

KANSAS CITY, MO.

913 Grand Ave.

All Orders given Prompt and Careful Attention

Member of the Florists' Telegraph Delivery.

Cable and Telegraph, Franzen. Phone Rav. 2876

CHICAGO

FRANZEN

1476-78 SUMMERDALE AVE.

TRENTON, N. J.

MARTIN C. RIBSAM

THE FLORIST

Messenger delivery to Princeton, New Brunswick, Bordentown, Hightstown, Lawrenceville and Lambertville, N. J.

Send Your **PHILADELPHIA** Orders to...

CHARLES HENRY FOX

BROAD AND WALNUT STREETS

Always on Time

Rockford, Ill., H. W. Buckbee

S. B. STEWART

119 No. 16th St., OMAHA, NEB.

Wholesale and retail orders for CUT FLOWERS, FUNERAL DESIGNS, etc. by telegraph will receive prompt attention at

IRA G. MARVIN'S, Wilkes-Barre, Pa.

Benson's Flowers

Indianapolis, Ind. DELIVERED ANYWHERE

R. Strohmeier, Aberdeen, S. D.

Prompt Attention Given to Out-of-town Orders

Orders for **Charleston, W. Va.** are given prompt and careful attention by the

CHARLESTON CUT FLOWER AND PLANT CO.

Brockman's Flower Shop **Fort Smith, Ark.**

Leading florists in fastest growing city in the southwest.

ADVANCE FLORAL CO., Five Phones

C. M. Schaefer, Mgr.
Leading Florists

44 TO 52 ARCADE, - - **DAYTON, O.**

J. F. WILCOX & SONS, 521 Broadway, Council Bluffs, Iowa.

Wholesale and Retail

Largest Greenhouse Establishment West of Chicago.

Orders delivered anywhere, including Iowa, Nebraska, North Dakota and South Dakota. Free deliveries to Omaha.

MILLS THE FLORIST, Inc.

36 W. Forsyth Street

Jacksonville, Fla.

We reach all Florida and South Georgia points.

Send flower orders for delivery in

BOSTON AND ALL NEW ENGLAND POINTS

To THOS. F. GALVIN, Inc.

124 TREMONT ST. BOSTON

North Dakota IOWA All Orders Promptly and Properly Executed.



South Dakota MINN. 40,000 feet of Commercial Cut Flowers.

The Newburys, Mitchell, S. D.

Archias Floral Co SEDALIA, MISSOURI

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

ney was appointed to make arrangements.

The election of officers resulted in the following choice: President, Eugene A. Appleton; vice-president, Cornelius Hartstra; treasurer, James Hockey; secretary, William E. Chappell; trustees, H. C. Neubrand, Cornelius Hartstra and James Dillon; librarian, Henry C. Bout.

Various Notes.

O. H. Williams, of Johnston, had an automobile burned up while out on the road recently. His son, who was in the machine, had a narrow escape.

Charles H. Hunt is doing two weeks' jury duty in the Superior Court.

William E. Chappell reports being busy with table decorations for Masonic gatherings.

Timothy O'Connor had two large wedding decorations last week, as well as several teas and receptions.

Ed G. Brooke always was considered one of the wise ones, but there can be no doubting the fact now, as he was admitted to membership in the Order of Owls last week.

William Hay has been confined to his house at Oaklawn for several days on account of a severe cold.

Eugene McCarron reports being busy with house decorations for social functions connected with coming-out affairs.

T. H. McAdams has opened a new retail store at 1511 Broad street.

T. J. Johnston & Co. had the deco-

Established 1859.

A. Wiegand & Sons

Florists and Decorators

1510 to 1620 N. Illinois St., Indianapolis, Ind.

Indiana's oldest, largest and most complete retail establishment.

Oklahoma City, Okla.

THE STILES CO.

Best able to fill orders for delivery in Oklahoma

MEMBERS FLORISTS' TELEGRAPH DELIVERY

Tonseth Floral Co.

325 Morrison Street

GROWERS AND RETAILERS

Portland, Ore.

The Fernery **SCHULTHEIS, FLORIST**

Write, Phone or Wire 612 Linden St., SCRANTON, PA.

Orders for southern MINNESOTA and northern IOWA will be properly cared for by

A. N. KINSMAN, Austin, Minn.

INDIANA and ILLINOIS

Promptness and very Freshest Flowers.

N. B. & C. E. STOVER, 118 So. 6th St., TERRE HAUTE, IND.

Frey & Frey, 1338 O St. **Lincoln, Neb.**

Wholesale and Retail

100,000 sq. ft. of glass at your service. Trade discount

Minneapolis, Minn. LEADING FLORISTS

SWANSON'S, 618 Nicollet Ave.

DRUMM SEED and FLORAL CO.

507 Houston St., FORT WORTH, TEX.

Headquarters for Cut Flowers and Funeral Designs

J. J. BENEKE

1216 Olive St. ST. LOUIS, MO.

Baltimore, Md.

ALBERT G. FIEDLER & CO., 902 South Charles St.

I. N. KRAMER & SON

CEDAR RAPIDS, IA.

Colorado Springs, Colo.

FRANK F. CRUMP Wholesale and Retail Florist

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

LOUISVILLE, KENTUCKY

M. D. REIMERS

New Location, "THE SEELBACK," and 223 S. FOURTH AVENUE

CHOICEST CUT FLOWERS

PERSONAL ATTENTION GIVEN TO OUT-OF-TOWN ORDERS

Orders for **BIRMINGHAM, ALA.**
Well taken care of by
AMZI GODDEN SEED CO.
Established 1857.
Facilities for supplying everything in the line of CUT FLOWERS AND DESIGNS

BUFFALO
S. A. ANDERSON
440 MAIN STREET
Special Deliveries Niagara Falls and Lockport

Your orders for ATLANTIC CITY, N. J., will be carefully filled by
George H. Berke
1505 Pacific Ave.

Write, Wire or Phone your orders to
YOUNG'S
1406 Olive St., ST. LOUIS, MO.
Regular discount allowed on all orders, either Plants or Cut Flowers.
Phones: Bell, Main 2306; Kinloch, Central 4081

SAN FRANCISCO
Podesta & Baldocchi
224 Grant Avenue
Prompt and careful attention to orders from out-of-town florists.

The Cleveland Cut Flower Co.
CLEVELAND, OHIO
Will fill your orders for Designs or Cut Flowers in Northern Ohio.

MARION FLORAL CO., **Marion, Ind.**
Central Northern Points. Store: 406 South Adams

MRS. J. B. FREEMAN, LEADING FLORIST, Successor to Geo. A. Heinl **Toledo, Ohio**
All Orders Promptly Executed.

PROVIDENCE, R. I.
and all New England Points
T. J. JOHNSTON & CO.
171 Weybosset Street, Providence

BEYER FLORAL CO. SOUTH BEND, IND.
Daily deliveries to Notre Dame University and St. Mary's Academy.



SEND YOUR ORDERS FOR DIXIE LAND TO
IDLE HOUR NURSERIES
MACON, GEORGIA
All Choice CUT FLOWERS in Season
Orchids and Valley a specialty

MYER L. D. Phone 5297 Plaza
609-11 Madison Ave., New York

rations for the Chaffee-Peck wedding November 28.

Walter S. Nichols, of Hampden Meadows, is cutting a fine lot of yellow marguerites, which find ready sale at $1 per hundred.

The Kent Forestry Co., H. L. Powers, manager, of East Greenwich, reports an unusually busy autumn in trimming and treating injured trees, pruning and spraying.

Johnston Bros. had a number of large and costly designs for the William Viall funeral November 28.

Joseph Kopelman was a visitor in Boston last week.

T. J. Johnston & Co., Ed G. Brooke, manager, has put an automobile delivery wagon into commission.

William Appleton has received the contract to furnish the palms, ferns and table decorations for the Hotel Newman for the season. W. H. M.

NASHVILLE, TENN.

A new flower store has been opened on Church street in the Tulane Hotel block, recently occupied by Geny Bros., which attracted a great deal of attention and was visited by a crowd at the formal opening. Souvenirs were presented to the ladies and an orchestra dispensed music from behind a screen of

We Guarantee Satisfaction
A. J. Bunyard FLORAL CO.
413 Madison Ave., Cor. 48th St., NEW YORK
Bellevue Avenue, Newport, R. I.

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand.
McKenna
MONTREAL

JOHN BREITMEYER'S SONS
Corner Broadway and Gratiot Ave.,
DETROIT, MICH.

FRED EHRET
WHOLESALE AND RETAIL FLORIST
1407 Fairmount Ave. and 702 N. Broad St.,
PHILADELPHIA
Orders for Philadelphia and surrounding country carefully filled on short notice.

Telephone 334 Main
S. Masur
236 Fulton St., Brooklyn, N. Y.

VASSAR COLLEGE
The Saltford Flower Shop, Poughkeepsie, N. Y.

WELLESLEY COLLEGE
Dana Hall, Walnut Hill, Rockridge Hall Schools
TAILBY, Wellesley, Mass.
Long Distance Tel., Wellesley 44-1, 44-2, 44-3.

TEXAS Dallas Floral Co.
DALLAS, TEX.
H. F. GREVE, Prop.

Rosemont Gardens
W. B. Paterson, Prop. 116 Dexter Ave., MONTGOMERY, ALA.

HESS & SWOBODA, FLORISTS
Telephones 1501 and L 1582
1415 Farnum Street OMAHA, NEB.

U. J. VIRGIN
838 Canal St. NEW ORLEANS, LA.

LEADING RETAIL FLORISTS

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DARDS,

N. E. Cor. 44th Street and Madison Avenue,
Telephones 4025-4026, 38th Street,
NEW YORK

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union **Established 1874**

WILSON DELIVERS EVERYWHERE
New York New Jersey Long Island
BROOKLYN
3 AND 5 GREENE AVENUE
Tel. No. 6800 Prospect

The Livingston Seed Co.
FLORISTS
COVER ALL OHIO POINTS
114 N. High Street, COLUMBUS, OHIO

PORTLAND, ORE. *Clarke Bros.* FLORISTS OAKLAND, CAL.

KALAMAZOO, MICH.
G. Van Bochove & Bro., The Leading Florists

LA CROSSE FLORAL CO. **La Crosse, Wis.**
will properly execute orders in Wisconsin or the northwest.

LINCOLN, NEB. CHAPIN BROS. Retail Florists
Flowers for All Occasions, from Cradle to Grave

E. O. LOVELL GRAND FORKS
Will give prompt attention to all orders for delivery in North Dakota

---

A. C. BROWN, SPRINGFIELD, ILLINOIS
LARGE GREENHOUSES

Boehringer Bros.
325 Park Avenue, **BAY CITY, MICH.**

TERRE HAUTE, IND.
JOHN G. HEINL & SON 129 South 7th Street

Mrs. M. E. Hollcraft
807 Kansas Ave., TOPEKA, KAN.

MICHIGAN Orders will be carefully cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS.

Minneapolis Floral Co., WHOLESALE and RETAIL FLORISTS
MINNEAPOLIS, MINN.
Funeral designs on short notice. One of the largest establishments west of Chicago.

Send Orders for Washington, D.C. and vicinity to
Blackistone
Everything First-Class
14th and H Streets

Hollywood Gardens
Artistic Florists and Decorators
Phone Main 1665
1534 Second Ave., **SEATTLE, WASH.**
Orders given prompt attention

Evanston and Chicago
JOHN WEILAND, EVANSTON, ILL.

Deliveries to Northwestern University and all North Shore Towns.
FISCHER BROS. 614 Dempster St., EVANSTON, ILL. L. D. Phone 2642

MONTREAL, We can fill all orders.
HALL & ROBINSON, 625 St. Catherine Street, West

---

palms. The store has a double front and has been entirely refitted and finished in white and gold. Two large refrigerators in the rear of the store furnish a large cold storage capacity. The display of cut flowers and plants was especially fine, particularly a lot of single, pompon and anemone chrysanthemums in pots, which seemed to strike the fancy of the buyers and found a ready sale. Louis Haury & Sons, the proprietors, have long been identified with the florists' business in this city, and up to the present time have handled their business in the city market house and at the greenhouses. They are well equipped to take care of a large volume of business, as the plant at Heiman street has been greatly increased by the addition of several up-to-date houses and the remodeling of the old ones.

Geny Bros., in their beautiful new quarters on North Fifth street, have a grand display of pot mums and their cut mums were extra well grown. This firm is growing rapidly and their range of houses at West Nashville continues to grow. The old range in town will ultimately be moved out west and all the growing done at that place. The stock at the new range is in the finest of shape and the fine lot of Lorraine and Glory of Cincinnati begonias was in tiptop condition. The carnations and roses are coming good; in fact, the whole place shows the results of careful and painstaking management.

Never in years has the plant of the Joy Floral Co. looked so well as it does this fall. House after house of roses show the pink of condition. A house of

---

Colorado Springs, Colo.
Orders Carefully Executed
PIKES PEAK FLORAL CO.
Wholesale and Retail

H. W. FIELD, The College Florist
NORTHAMPTON, MASS.
Home of Smith College
Send your orders to him for prompt and careful attention.

DALLAS, TEXAS
The Texas Seed & Floral Company
Orders for cut flowers and designs solicited for delivery in any part of Texas.

Pittsburg, Kan.—Bartlesville, Ok.
THE STEINHAUSER FLORIST & NURSERY CO.
(Inc.)
Growers and Shippers—Wholesale and Retail
Out-of-town orders given special and personal attention. Give us a trial.

South and Southwest Texas and sailing from Galveston.
H. H. KUHLMANN, Florist
2507 Jackson St., S. W. Phone, Hadley 1926-2230
3526 Washington St., Opp. Glenwood Cemetery, S. W. Phone, Taylor 628-1081.
Up town, 913 Main St., S.W. Phone, Preston 7141
HOUSTON, TEXAS

TRILLOW FLORIST Des Moines, Iowa
Will promptly execute all orders in this vicinity.

Aurora, Ill. **Jos. M. Smely**
and vicinity Phones 147

Richmond, Ind.
FRED H. LEMON & CO.
Florists and Decorators. Send us your orders.

W. P. McFARLAND L. C. McFARLAND
McFARLANDS, Florists
AKRON, OHIO

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Alexander McConnell

611 Fifth Avenue, Windsor Arcade — **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Calls: 340 and 341 38th Street — Cable Address: ALEXCONNELL — Western Union Code

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, **Pittsburg, Pa.**

Largest Floral Establishment in America

Established 1874--Incorporated 1909

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

Winona and Rochester, Minn.

For prompt and particular attention send your orders for Southwestern Wisconsin and Southern Minnesota to

John Fuhlbruegge

Grower and Retailer

ST. PAUL, MINN.

"The Largest Store in America."

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20. 22. 24 West 5th Street

PASADENA, CAL.

13 East Colorado St.

The Orchid

Also all Los Angeles orders promptly filled.

MRS. LORD'S FLOWER ROOM

112 W. 8th Ave., TOPEKA, KAN.

STATE NURSERY CO.

CUT FLOWERS

155,000 sq. ft. of glass at your service. HELENA, MONTANA

Freeport Floral Co.

Telegraphic orders promptly attended to. FREEPORT, ILL.

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order.
11 North Pearl St., - ALBANY, N. Y.

Rock's Flowers Kansas City

Wm. L. Rock Flower Co.

KANSAS CITY, MO.

1116 Walnut Street

Members Florists' Telegraph Delivery

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Max Schling

NEW YORK

No. 22 West 59th Street

Adjoining Plaza Hotel

WALKER FLORIST

Hippodrome Building, 44th STREET & SIXTH AVE.

TELEPHONE 716 BRYANT — NEW YORK

STEAMER ORDERS A SPECIALTY.

CHICAGO

A. LANGE,

25 E. Madison Street

American Beauties, which promises a heavy Christmas crop, is the finest I ever saw. One house devoted to cyclamens gives promise of a bountiful supply of this popular pot plant. Another of begonias, Lorraine and Cincinnati, will be just right. The mums that have been seen here were fine and the writer was introduced to Dorothy Dimple and fell in love with her right away. Golden Age was also extra fine. Altogether T. C. Joy has a lot of stock in his houses that he may be proud of and will well support the energies of the selling staff at the store on Church street, which, under the supervision of T. H. Joy, our latest benedict, is capable. The store has been completely remodeled to take care of the increase of business. New office fixtures, show cases, etc., have been put in and the store redecorated.

Another firm that is forging to the front is that of McIntyre Bros., whose plans for a large plant on an up-to-date basis have been delayed by a new line of railway coming across the proposed site of the houses on the new place. These houses are planned to be 30x400 and the first block will consist of six and a heating plant.

The greenhouses at the N. C. & St. L. shops are in fine shape.

HUGO H. JAHN

710 Nostrand Avenue,

Tel. No. 1952 Bedford — BROOKLYN, N. Y.

Will deliver to Steamships, Theaters, anywhere within 20 miles of New York.

ARTISTIC WORK. PERSONAL ATTENTION.

Special care of your telegraph orders.

W. J. Palmer & Son

304 Main St., BUFFALO, N. Y.

Members Florists' Telegraph Ass'n

Orders by wire receive prompt and careful execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

ST. LOUIS, MO.

Flowers Delivered in City or State on Short Notice

F. H. WEBER

BOYLE AND MARYLAND AVENUES

Both Long Distance Phones

M. A. Bowe

IN HEART OF NEW YORK CITY

12 W. 33d Street, N. Y.

Opposite the Waldorf-Astoria.

Phone Madison Sq. 6404. Our Motto—The Golden Rule

George G. McClunie, Florist

175 Main St., HARTFORD, CONN.

Orders solicited for delivery any place on earth. Floral Designs a Specialty.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

CHICAGO

Send Your Orders to.. William J. SMYTH

Member Florists' Telegraph Delivery Association. Michigan Ave., at 31st St.

Established 1857.

Wittbold FLORIST

737-739 Buckingham Place

L. D. Phone 1112 Graceland — CHICAGO

Send us your retail orders. We have the best facilities in the city.

"WE STRIVE TO PLEASE"

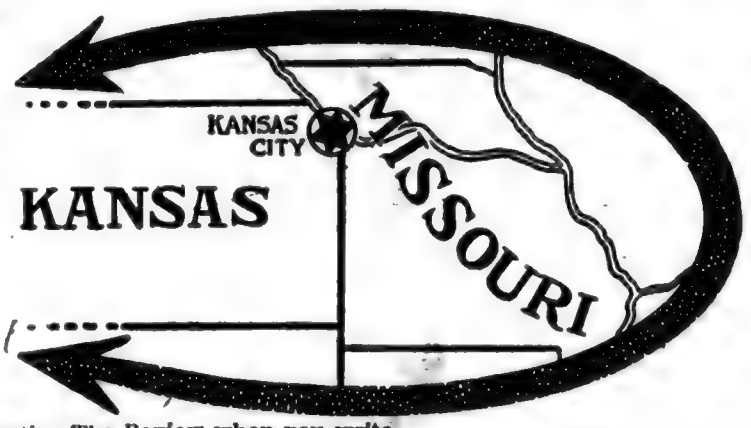
ALPHA FLORAL Co.

1105 WALNUT-PHONES ESTAB. 1806

Kansas City, Missouri

The largest Florists in the Central West

A. ELBERFIELD, Proprietor



Mention The Review when you write.

Write, Wire or Phone

JOHN WALKER

11 S. PHELPS STREET

Youngstown, O.

Careful attention given to out-of-town orders. Trade discount allowed.

CLEVELAND

...THE...

J. M. GASSER COMPANY

EUCLID AVENUE

We ship all points in Ohio. The best of everything in Flowers.

BOSTON, MASS.

Penn, The Florist

"Penn, The Telegraph Florist"

Members of Florists' Telegraph Delivery Association.

37-43 BROMFIELD STREET

DENVER, COLO.

FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice.

Daniels & Fisher.

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver."

BALTIMORE, MD. And All Southern Points.

PIERCE & CO. 509 N. Charles Street, BALTIMORE, MD.

GEO. M. KELLOGG FLOWER & PLANT CO.

Wholesale and Retail Florists

1122 Grand Avenue, KANSAS CITY, MO

All Kinds of CUT FLOWERS

in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

YOUNG & NUGENT

NEW YORK : 42 W. 28th St.

In the theater district. Exceptional facilities for delivering flowers on outgoing steamers. Your orders will receive prompt and careful attention. Wire, telephone or write us.

We are Prepared to Fill Orders for any Section of South Jersey at any time.

EDWARDS FLORAL HALL CO.

1700 Pacific Avenue,

Nurseries: Mediterranean and South Carolina Aves. ATLANTIC CITY, N. J.

A large tract of land added to Centennial park and the new Shelby park, just purchased by the city, are keeping Mr. McBride and his force on the jump.

Joe Browne keeps adding to his plant on Lischey avenue, and this year has added a house 30x100 for boarders, this being one branch of the business Mr. Browne makes a specialty.

W. H. Anderson, of the Lebanon Floral Co., was in town and reports business good with him. He is planning to build another house this spring.

Edina.

H. F. A. LANGE

Worcester, Mass.

Delivers to all points in New England. 125,000 square feet of glass.

Baker Bros. Co. **Ft. Worth, Tex.**

Send Orders for the Southwest

Best Railroad Center in the State.

Send orders for delivery in **ROCHESTER, N.Y.**

and all points in Western New York to

H. E. WILSON, 88 East Main Street

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Specialist in Cut Flowers and Designs

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All orders receive personal attention.

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Hutchinson, Kansas

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Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Arabic	Boston	Liverpool	Dec. 5
Campania	New York	Liverpool	Dec. 6
Korea	San Fr'sco	Hongkong	Dec. 6
Cedric	New York	Liverpool	Dec. 7
La Lorraine	New York	Havre	Dec. 7
Cincinnati	New York	Genoa	Dec. 7
Victorian	St. John	Liverpool	Dec. 8
Cretic	New York	Naples	Dec. 8
Olympic	New York	S'hampton	Dec. 9
Columbia	New York	Glasgow	Dec. 9
Friedrich Wm.	New York	Bremen	Dec. 9
Franconia	Boston	Liverpool	Dec. 9
Haverford	Philadelphia	Liverpool	Dec. 9
L. Manitoba	Montreal	Liverpool	Dec. 9
Magdalena	New York	Cuba	Dec. 9
Tagus	New York	Bermuda	Dec. 9

LEADING-RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

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The only flower store in the city. Orders for any part of Connecticut or Rhode Island will receive prompt and careful attention.

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Orders solicited for all parts of Connecticut.

C. H. FREY, Wholesale and Retail Florist
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Will fill orders for the West on short notice
Trade discounts. First-class stock.

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DENVER, COLORADO

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Order your flowers for delivery in this section from the leading Florists of the Northwest.
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ST. PAUL, MINN.

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MICHIGAN

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SCHENECTADY, N. Y.
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Careful attention, personal selection and prompt delivery guaranteed to any part of New York, Long Island and New Jersey. Thirty-six years' experience. Reliability assured.

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ORDERS TAKEN FOR DELIVERY ANYWHERE BETWEEN PORT ARTHUR AND THE COAST.

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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Wholesale Florists
MILWAUKEE, WIS.
Will Take Proper Care of Your Orders in WISCONSIN

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WASHINGTON, D. C.
GUDE'S

Hoffman FLORIST
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for Commonwealth Ave.
BOSTON.

NEW JERSEY
EDWARD SCEERY—PATERSON and PASSAIC

Between Christmas and New Year

You have time and room — plant Cold Storage Lilies and get a cut just right for Easter. They will flower easily by April 1st.

Case of 232, 7-9, $15.00—Case of 200, 8-10, $16.00

ORDER THEM NOW

C. C. POLLWORTH CO., Milwaukee, Wis.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Leonard H. Vaughan, Chicago; First VicePres., M. H. Duryea, New York City; Sec'y and Treas., C. E. Kendel, Cleveland, O.

THE catalogue makers who are behind are burning the midnight oil. The books for the south should be on the press December 1.

ISAAC DAVIS, a seed dealer of Findlay, O., recently shipped to a firm in Hamburg, Germany, two carloads of alsike seed, valued at $12,000.

BULB salesmen from Holland are coming to America earlier and earlier each succeeding year. Where once they came while the last crop was in flower, now they come before all have gone into the ground.

THE Board of General Appraisers last week sustained a protest by C. C. Pollworth Co., Milwaukee, on a last season's importation of hyacinth bulbs. The Breck decision was followed, as in all such cases.

IF those Holland bulb travelers keep on starting their journeys earlier each year, as in the past, they soon will be like the man who stayed so late at the club that, on his way home, he met himself going down to the office.

AT Chicago Charles Dickinson, of the Dickinson Seed Co., has acquired by quitclaim from the estate of Solomon Austrian and Mrs. Mary Austrian, widow, a tract of ten acres at the northeast corner of Thirty-fifth street and California avenue, and twenty acres at the northwest corner of Rockwell and Thirty-fifth streets. A nominal consideration is given, but Mr. Dickinson secured $28,500 of the purchase money by a trust deed to H. R. Platt, five years at five per cent. An important industrial project is said to be involved.

AT the recent convention of the Maine Seed Improvement Association, held at Waterville, the following officers were elected: President, W. G. Hunton, Readfield; vice-president, A. P. Howes, Palmyra; secretary, Dr. Leon S. Merrill, Orono; treasurer, C. M. White, Bowdoinham. Executive committee, Guy C. Porter, of Houlton; Roland P. Patten, of Skowhegan; Dr. G. M. Twitchell, of Auburn; Frank Lowell, of Farmingdale; L. C. Holston, of Westbrook. Visiting member, W. G. Hunton, of Readfield. Delegates to state federation, W. G. Hunton and A. P. Howes.



Colored Flower and Vegetable Seed Bags

Send for Catalogue and Samples.

Herndon & Lester, Inc.

RICHMOND, VA.

Mention The Review when you write.

THE Holland bulb salesmen are now crossing the American continent in considerable numbers. Several have appeared among the Pacific coast growers, some as early as in October.

SECRETARY WILSON has stated that the Agricultural Department in conjunction with Farmers' Institutes conducted seventy-one instruction trains, covering tours of over 40,000 miles, during the last year.

THE Dakota Improved Seed Co., of Mitchell, S. D., is erecting an office building, 50x70 feet, at the north end of its property, which is located at the corner of Railroad avenue and Lawler street. The plans and specifications have also been drawn for a warehouse which the firm expects to build next year. The warehouse will cover a space 70x124 feet and will be three stories high, besides the basement. The cost will be about $25,000.

FIELD SEEDS IN DAKOTA.

On account of the bad weather just following harvest season, the department of botany of the North Dakota Agricultural College is making arrangements at an early date to aid farmers and seedsmen in attempting to save the best quality of seed grain for sowing purposes. The heavy rains immediately following harvesting time have injured a large amount of the grain in the state for sowing purposes.

The following has been sent to practically all of the seed dealers and to a large number of growers in North Dakota:

The farming lands of the state are not producing nearly as large returns as they should. One feature which accounts for the low return is the low quality of seed grain used for sowing purposes by the farmers generally. We would like to make this office useful to the state by



Giant Pera Cucumber
grown under irrigation by

WESTERN SEED & IRRIGATION CO.

Seed Growers and Dealers. Specialties: Cucumber, Musk and Watermelon, Pumpkin, Squash, Sweet and Field Corn.

FREMONT, :: :: :: NEBRASKA

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Metal Clasp Mailing Envelopes

LOUIS JEFFREY

78th & Brunswick Ave., Philadelphia, Pa.

Mention The Review when you write.

TOMATO SEED

BEST STOCKS. ALL VARIETIES.

Surplus List now ready.
Contract Offer for 1912 ready December 1st.

THE HAVEN SEED CO.

Growers for wholesale trade only. Santa Ana, Cal.

Mention The Review when you write.

THE KIMBERLIN SEED CO.
Wholesale Seed Growers **SANTA CLARA, CAL.**
Growers of
ONION, LETTUCE, RADISH, etc.
Correspondence Solicited.
Mention The Review when you write.

Pieters-Wheeler Seed Company
Hollister, - - California
Growers of High Grade Seeds
Onion, Radish, Lettuce, Sweet Peas, etc. : : :
Correspondence Solicited.
Mention The Review when you write.

BRASLAN SEED GROWERS' CO.
Lettuce, Onion, Sweet Peas
Growers for the Wholesale Trade Only
San Jose, California
Mention The Review when you write.

S. D. Woodruff & Sons
SPECIALTIES:
Garden Seeds in Variety
Maine seed potatoes, onion sets, etc.
CORRESPONDENCE SOLICITED.
Main Office and Seed Farms, ORANGE, CONN.
New York City Store, 82-84 Dey Street
Mention The Review when you write.

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety.
Correspondence solicited.
Mention The Review when you write.

Contract Seed Growers
Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence solicited.
George R. Pedrick & Son
PEDRICKTOWN, N. J.
Mention The Review when you write.

—THE—
J. C. Robinson Seed Co.
Waterloo, Neb.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar, Flint and Field Seed Corns.
Mention The Review when you write.

aiding in developing the pure or pedigreed seed idea.

We hope to be able to put those who wish to purchase good seed for sowing purposes in touch with those parties who have it for sale, and especially with those who are attempting to grow good grades of pure bred types. If you have any seed for sale or wish to purchase good seed, write us, telling your needs or what you have.

On account of the peculiar root diseases which attack flax and because these are distributed in the seed, making it difficult to grow this crop unless special attention is given to seed selection, we particularly wish to emphasize that it is absolutely necessary that the farmers of your locality obtain or retain the very best, brightest colored flax seed for sowing purposes, if they wish to make the crop a permanent one on their list of rotations. On account of the late frosts and rains, many farmers will not have seed suitable for sowing next spring. An effort should be made to save the bright mature stuff. Keep

FLORISTS AND SEEDSMEN
SELL YOUR OWN SCRATCH OR POULTRY FOOD. We will make it for you under your own brand for $33.00 per ton. Send today for sample 100-lb. bag, $1.75. Mr. C. E. Jenson, of Atlantic County, N. J., on Oct. 27, 1910, writes as follows: "I want to state that your three grades of poultry food—Chick Starter, Developing Food and 'Square Deal' Scratch or Poultry Food—stand without an equal today. They are perfect mixtures and sound in grain and a pleasure to handle."
J. BOLGIANO & SON, IMPORTERS AND WHOLESALERS Established for 92 Years **BALTIMORE, MD.**
Mention The Review when you write.

BEANS, PEAS, RADISH
and all Garden Seeds
LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO
ONION SETS
GROWERS FOR THE TRADE
Write for Prices
Mention The Review when you write.

YOU will be satisfied with the products of
Burpee's "Seeds that Grow"
Better write to Burpee, Philadelphia,—for new Complete Catalogue.

The Everett B. Clark Seed Co., MILFORD, CONN.
Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.
BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC

MORSE SEEDS CALIFORNIA
Wholesale Growers of
Onion, Lettuce, Sweet Peas
and other California Specialties
C. C. MORSE & CO.
48 Jackson St. SAN FRANCISCO, CAL.
Mention The Review when you write.

CONTRACT SEED GROWER
SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn
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Correspondence Solicited.

Routzahn Seed Co.
ARROYO GRANDE, CAL.
SWEET PEA and NASTURTIUM
SPECIALISTS
Wholesale growers of full lists of FLOWER and GARDEN SEEDS.

THE HAS. H. LILLY CO.
SEATTLE, WASH.
Growers of
PUGET SOUND CABBAGE SEED

Henry Fish Seed Co.
BEAN GROWERS
For the Wholesale Seed Trade
CARPINTERIA, - CAL.

Peas and Beans
...Growers For The...
Wholesale Seed Trade

Alfred J. Brown Seed Co.
Grand Rapids, Michigan

Sioux City Seed & Nursery Co.
Sioux City, Iowa
Contracting growers of **Peas, Beans** and famous **Sweet Corn.** Introducers of the **White Mexican Sweet Corn.**

S. M. ISBELL & CO.
JACKSON, MICH.
Contract Seed Growers
Bean, Cucumber, Tomato, Radish, Pea, Squash, Muskmelon, Watermelon, Sweet Corn.
Correspondence Solicited

ONION SEED — ONION SETS
We are extensive growers and dealers. Write for prices on the 1911 crop. We are also submitting contract figures for the 1912 crop of Onion Seed.
SCHILDER BROS., CHILLICOTHE, OHIO

The C. Herbert Coy Seed Co.
VALLEY, Douglas County, NEB.
Wholesale Growers of High Grade Seeds.
Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

German Stock Seeds

A GRAND SPECIALTY

Price list on application

PAUL TEICHER, Striegau, Germany

Oldest Special House

Mention The Review when you write.

J. HASSLACH

SEED GROWER

St. Remy de Provence, France

has issued his Seed Catalogue for Specialties in first-class Flower and Garden Seeds.

Mention The Review when you write.

DANISH SEEDS

If you take interest in **Cabbage, Cauliflower, Carrot, Mangel, Swede and Turnip,** of selected strains (state controlled), please apply to

CHR. OLSEN, Odense, Denmark

Wholesale Seed Grower (Established 1862), in order to have your name placed on my mailing list.

Mention The Review when you write.

AUGUST RÖLKER & SONS

Import to order, spring delivery, **Palms, Araucarias, Bays, Box, Roses, Camellias, Hortensias,** Nurserymen's Trees and **Shrubs,** etc. For lists, address

P. O. Box 752, or 31 Barclay St., NEW YORK

Mention The Review when you write.

it at home for seed. Good seed will have high value.

Send us samples of seed which you think to purchase. Our reports may aid you to make an early selection of the very best seed for your neighborhood. This laboratory makes seed analyses free of charge and can help you select your stock of sowing seed.

We intend to keep you in touch with the different points of value that we may learn from time to time. At present we have letters from a number of different growers who have been co-operating with this department in the raising of North Dakota wilt-resistant flax Nos. 73, 52 and 22, stating that they would like to dispose of some of it this fall. If you would like to get a small quantity of this seed started in your neighborhood with some good farmers, let us know, and we will put you in touch with the parties having a desire to sell this fall.

This seed has made a very fine record, especially on old land. In many cases where ordinary flax died out from wilt, this flax has thrived and produced a full crop.

GROWTH OF CANNING.

The United States Census Bureau has just made public its figures on the canning industry, gathered as a part of the thirteenth census, in 1910. The summary will be of interest to seedsmen. It shows an increase from 3,168 establishments in 1904 to 3,767 establishments in 1909, an increase of nineteen per cent. The pack of vegetables for the two years named is shown to compare as follows:

Vegetables—	Census 1909.	Census 1904.	P.C. Inc.
Cases	32,573,843	29,579,616	10
Tomatoes	12,883,414	9,411,084	37
Corn	7,447,765	11,209,597	34
Peas	5,873,748	4,694,492	35
Beans	3,274,923	2,588,015	27
All other	3,093,493	1,676,428	85

IMPORTS.

The imports of seeds through the port of New York for the week ending November 11 were as follows:

Kind.	Pkgs.	Val.	Kind.	Pkgs.	Val.
Annatto	9	$ 68	Fennel	3	$ 118
Anise	77	615	Grass	291	2,018
Canary	429	2,632	Lycopod'm	20	1,313
Caraway	650	3,930	Millet	300	789
Cardamom	12	411	Mustard	361	2,769
Castor	616	2,817	Poppy	350	2,736
Celery	143	3,810	Rape	4	16
Clover	1,460	57,201	Sugar beet		9,538
Cummin	419	4,592	Other		4,527

—TO THE TRADE—

HENRY METTE, Quedlinburg, Germany

(Established in 1787)

Grower and Exporter on the very largest scale of all

CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼ oz.; 75c per 1-16 oz. Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own vast grounds,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

Mention The Review when you write.

—PERFECT PLANT FOODS—

THOMSON'S Vine Plant and Vegetable MANURE

Unrivaled for vines, tomatoes, cucumbers, all flowering, foliage and fruit bearing plants; vegetables, lawns, etc. Has stood the test of 30 years. The result of many years of practical experience.

Sold by Leading American Seedsmen.

Also Thomson's Special Chrysanthemum and Topdressing Manure. An Excellent Stimulant.

Freight paid on quantities; liberal terms to retailers. Write for our special offer to the American trade, agents' circulars, pamphlets, etc., to sole makers.

Also Exporters of **Pure Scotch Soot** Write for prices, etc.

Wm. Thomson & Sons, Ltd., Tweed Vineyards, Clovenfords, Scotland

Mention The Review when you write.

VAN GRIEKEN'S BULBS, SOUND AND WELL SELECTED

High-grade Hyacinths, Tulips, Narcissus, Crocus, etc. Write for Catalogue.

LEO VAN GRIEKEN, Lisse, Holland

Mention The Review when you write

DIRECT IMPORTATIONS

Fall and Spring Shipments.

Valley Pips, Berlin and Hamburg grades.
Azaleas, Palms, Bay Trees, etc., from Belgium.
Begonia and Gloxinia Bulbs; December shipment.
Boxwood, Roses, etc., from Boskoop, Holland.
Maples, Planes, etc., from Oudenbosch, Holland.
Fruit and Ornamental Stocks, from France.
English Manetti, Jap Lilies, etc., etc.
Raffia, Red Star and 3 other brands.

McHUTCHISON & CO., The Import House
17 Murray St. New York

Mention The Review when you write.

Seedsmen requiring the very best selections of

Garden Seeds

(**Vegetable and Flower**), especially

Kelway's Celebrated English Strains

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON

Wholesale Seed Growers

Langport, Somerset, England

Special quotations on application.

Mention The Review when you write.

NEW SEEDS FROM SPAIN

Bermuda Onion Seeds, Belalcazar Melon, the longest keeping variety. "Tomato Paradise," which will not blister in the summer, and other good seeds. Inquiries solicited.

FEDERICO C. VARELA

Postage to Spain 5c. TENERIFFE (Canary Islands)

H. FRANK DARROW

P. O. Box 1250

26 Barclay Street, NEW YORK

Importer of

Azaleas, Palms, Bay Trees

and all other Belgian Plants, Lily of the Valley of the finest Berlin and Hamburg Brands.

Japanese, Holland and French Bulbs

FRENCH and ENGLISH

FRUIT and ORNAMENTAL STOCKS

Mention The Review when you write.

CYNOSURUS CRISTATUS

(Crested Dogstail)

Purity and germination guaranteed.

WM. POWER & CO.

Seed Exporters

Waterford, Ireland.

Cables "Seedmerchants" Code A.B.C. 5th Edition

Mention The Review when you write.

FOR

SEEDS

of all kinds apply to

W. W. JOHNSON & SON, Ltd.

BOSTON, ENGLAND

Mention The Review when you write.

LILIUM HARRISII

(THE BERMUDA EASTER LILY)

LET US SUPPLY YOUR WANTS IN LILIES THIS SEASON

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers whose stocks have been worked up from the true, original stock. In order to insure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used; this prevents disease and insures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock and when this is disposed of we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

6- 7 inch bulbs, 335 to the case, $15.00 per case; full thousand lots, $ 40.00 per 1000
7- 9 inch bulbs, 200 to the case, 16.00 per case; full thousand lots, 75.00 per 1000
9-11 inch bulbs, 100 to the case, 18.00 per case; full thousand lots, 175.00 per 1000

FERNS

We have an exceptionally nice lot of ferns in the following varieties—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6-inch pots . . . . . $0.50 each
Nephrolepis Elegantissima, Piersoni, Bostoniensis and Harrisii, heavy 8-inch plants . $1.00 to 1.50 each
Nephrolepis Elegantissima, Bostoniensis and Harrisii, heavy 10-inch plants . . . . 2.50 each

F. R. PIERSON CO., TARRYTOWN-ON-HUDSON, N. Y.

Mention The Review when you write.

In the same period the imports of bulbs, trees and plants were valued at $69,486.

HORTICULTURAL IMPORTS.

The S. S. Ryndam, from Rotterdam, arriving at New York November 23, had the following consignments of trade commodities:

MacNiff Horticultural Co., 2 cases trees.
Wadley & Smythe, 8 cases trees.
A. Rolker & Sons, 8 cases trees.
A. Baldwin & Co., 4 cases trees.
C. F. Meyer, 12 cases roots.
Smith & Boltzenthal, 21 cases trees.
Vaughan's Seed Store, 21 cases trees.
O. V. Zangen, 35 cases bulbs.
P. C. Kuyper & Co., 49 packages bulbs.
McHutchison & Co., 200 cases trees.
Adams Express Co., 10 packages bulbs.
P. C. Kuyper & Co., 133 packages bulbs.
J. Roehrs Co., 11 cases trees.
Burnett Bros., 24 cases bulbs.
W. R. Huntington, 3 cases roots.
J. W. Hampton, Jr., & Co., 2 cases roots.
W. E. Marshall & Co., 1 case roots.
Rooney & Spence, 4 cases trees, etc.
Crandall, Pettee & Co., 100 bags seed.
K. Marks & Co., 100 bags seed.
Wood & Selick, 125 bags seed.
W. A. Wayman, 6 packages seed.
O. G. Hempstead & Son, 1 bag seed.
G. H. Cobb, 92 bags seed.
Vaughan's Seed Store, 50 bags seed.
N. W. Despatch, 58 bags seed.
Strohmeyer & Arpe Co., 25 bags beans.
C. B. Richard & Co., 3 cases plants, 71 packages merchandise.
C. F. Meyers, 5 cases trees.
P. C. Kuyper & Co., 29 cases trees.
R. H. Mills, 15 barrels garden seed.
Maltus & Ware, 205 cases trees, 25 cases bulbs.
To order, 6770 bags peas.

THE SEED SHORTAGE.

The following is an editorial from the Democrat, published at Davenport, Ia.:

"The yield of this year's crops is not the most important thing in the world. Nor is it the prices these crops sell for. It is recognized that in time of famine it is almost as vital to save the live stock as it is human lives, because the stock is necessary to make the living. Cows, horses, pigs and chickens are the means of preventing another famine. And so it is with what comes out of the ground; there must be the seeds to put back or the future is uncertain. A news dispatch has gone out of Chicago to the agricultural papers to the effect that one of the most alarming situations ever known to seedsmen now confronts them. There is a shortage of almost every variety of seed used by gardeners and truck growers. There will be, so it is said, hardly more than half a crop of some of the common varieties, and not more than twenty-five per cent of others. To make a bad matter worse, the shortage extends throughout Europe. Everything in the seed line is advancing.

Clearance Sale **Dutch Bulbs**

Choice Named Hyacinths—Single and Double Tulips—Narcissi Mammoth Freesias—Crocus—Lilium Harrisii—Etc.

Paper White Grandiflora Narcissus, 13 centimeters and up (1250 to case), 80c per 100; $7.00 per 1000.

WRITE AT ONCE—This is your chance to buy Bulbs.

Johnson Seed Company

217 Market Street, Philadelphia, Pa.

Mention The Review when you write.

For Fall Planting

Lilium Henryi, Hansoni, tenuifolium, Davuricum, Wallacei, elegans and tiger; Daphne cneorum, Delphinium formosum, Japan Tree Lilac Japan and German Iris.

Fall list ready now.

E. S. MILLER, Wading River, N. Y.

Mention The Review when you write.

Asparagus Plumosus Nanus

New Crop—Greenhouse-grown

100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $3.50; 10,000 seeds, $30.00.

Sprengeri, 25c per 250 seeds; 75c per 1000 seeds; $2.75 per 5000 seeds.

Our Flower Seed Catalogue free on application.

THE MOORE SEED CO., 125 Market St., Philadelphia

BURNETT BROS.

SEEDS :: BULBS :: PLANTS

72 Cortlandt St., NEW YORK CITY

GLADIOLI

Try GOLDEN QUEEN and PRESIDENT TAFT for forcing.

One customer writes under date of May 25th: —

"The Golden Queen that I ordered from you were planted in a carnation house on February 7th, and we are now getting fine spikes and handsome flowers. I find your variety to be one week earlier than Mrs. Francis King, ten days earlier than Augusta and two weeks ahead of America. They have been perfectly satisfactory in every way."

I have also a fine stock of Mrs. King, Klondyke, Taconic, Independence, Brenchleyensis, Geo. Paul and other kinds. Write for trade list.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

There is nothing encouraging about such reports as these. Let us hope that they are manufactured with the intention of furnishing a pretext for the higher prices."

Unfortunately, we can not reassure the editor; the shortages are real and no pretext is needed for advancing prices, which are not nearly as high as they should be to keep on an even basis in comparison with the supply.

GOVERNMENT SEED TESTS.

Following the instructions of Congress in the agricultural appropriation bill, the Secretary of Agriculture this year continued the purchase of seed in the open market to determine whether and how much adulteration was practiced. These samples were analyzed and the names of offending seedsmen have now been published.

The leaflet with the names of the dealers from whom adulterated samples were purchased shows that when a dealer has once been published it is seldom that he is again caught in the list. When the department has been analyzing a certain line of seed the adulteration in this also stops. The general showing was better than in previous years.

There were 1,214 samples of seed purchased, some of them in bulk and some by mail order. Of these 204 were found to be adulterated. There was some improvement in the line of orchard grass seed examined. There were 317 samples analyzed, and of these twelve were found adulterated, compared with fifty-five adulterated samples the previous year. In the worst samples found there was thirty-seven per cent of orchard grass seed and twenty-seven per cent of dirt and chaff, while the remainder was made up of rye grass, meadow fescue and other seed.

Of the 371 samples of Kentucky bluegrass seed examined, sixteen were adulterated, and of these thirteen samples contained only a fraction of one per cent of genuine Kentucky bluegrass, while the remainder was made up of Canadian bluegrass, other seed and dirt.

This was the first year that analysis had been made of redtop seed. It was found that this was badly adulterated with timothy seed. Of 526 samples, 176 were adulterated. The percentage of

New Forcing Gladiolus

PINK BEAUTY, Now renamed

PINK AUGUSTA,

best early forcing variety, each bulb produces 2 or 3 spikes in succession, fine for sprays or decorating. $2.50 per 100; $20.00 per 1000; a few extra selected bulbs, $2.75 per 100; $25.00 per 1000. CASH. Also, Augusta, Francis King, Madame Monneret, Taft, Klondyke, Florists' Mixture, etc.

Stevens' Gladioli Co., Saginaw, W. S., Mich.

Mention The Review when you write.

Our **Gladioli** are noted the world over for **Superior Merit**

WRITE FOR PRICES.

JOHN LEWIS CHILDS FLOWERFIELD, Long Island, N.Y.

Paper White Narcissus
Lilium Giganteum

DUTCH BULBS

Full Line of Stock. Write for Prices.

D. RUSCONI

128 W. 6th St., CINCINNATI, O.

Mention The Review when you write.

SURPLUS OF

L. Multiflorums 7-9

Write for prices.

The Yokohama Nursery Co., Ltd.

No. 31 Barclay Street, NEW YORK

Mention The Review when you write.

Ant. C. Zvolanek

Originators

Winter-Flowering Sweet Pea Seed

Bound Brook, New Jersey

Always mention the Florists' Review when writing advertisers.

Our New Gladiolus

"PRINCEPINE"

Is now being offered to the trade.

Write for literature and prices.

W. E. Kirchhoff Co.

Gladiolus Specialists, Pembroke, N. Y.

Mention The Review when you write.

CYCLAMEN

GIGANTEUM SEED, finest Giants in choicest mixture, truly grand, 250 seeds, $1.00; ½ pkt., 50c; 1000 seeds, $3.50.

SHAMROCK, IRISH, green, true, pkt., 20c.

GIANT PANSY Finest grown, critically selected, 6000 seeds, $1.00; ½ pkt., 50c. Pkt. of Giant **Mme. Perret** with every order for Pansy Seed.

CASH. Liberal extra count.

JOHN F. RUPP, Shiremanstown, Pa.

Always mention the Florists' Review when writing advertisers.

This May Be Your Last Chance

¶Our low prices to close out our fall bulbs have brought us a fine lot of orders, and we are entirely sold out of some of the stock advertised in previous issues. To close out the balance, we offer the following attractive prices:

	Per 100	Per 1000
SINGLE HYACINTHS, separate colors... (These are as large as many used in named sorts.)	$2.00	$18.00
SINGLE EARLY TULIPS.		
Belle Alliance	1.50	13.50
Chrysolora	.75	6.00
Cottage Maid	.85	7.50
Duc van Thol, scarlet	1.40	12.50
Duc van Thol, crimson	.90	8.00
Duc van Thol, white	.75	6.50
Duc van Thol, red and yellow	.90	8.00
Joost van Vondel, red and white	1.25	11.50
L'Immaculee	.65	5.50
La Reine	.65	5.50
Pottebakker, scarlet	1.50	13.50
Proserpine	2.00	17.50
Purple Crown	.85	7.50
Rosamundi	.80	7.00
Rose Luisante	1.50	14.00
Yellow Prince	.80	6.75
Superfine, early mixed	.80	6.50
First Quality, mixed	.70	5.50
DOUBLE EARLY.		
Alba Maxima	.85	7.50
Imperator Rubrorum	1.50	13.00
La Candeur	1.10	10.00
Purple Crown	.80	7.50
Rex Rubrorum	1.25	11 00
Rose Blanche	.80	7.50
Superfine, mixed	.85	7.00
EARLY ROMAN HYACINTHS, white	$2.25	$20.50
DOUBLE LATE.		
Yellow Rose	.80	7.25
Double Late, mixed	.80	7.00
DARWIN.		
Baron de la Tonnaye	1.60	15.00
Gretchen	1.60	15.00
Madame Krelage	2.00	17.50
Painted Lady	1.80	16.00
Sultan	1.25	11.00
Extra Fine Darwin, mixed	.95	8.00
SINGLE LATE.		
Bizarres	.80	6.50
Roses	1.00	9.00
Violets	1.00	9.00
Gesneriana Spath.	.95	8.50
Golden Crown	.60	5.75
Shandon Bells, or Blushing Bride	.95	8.00
Macrospeila	.75	6.00
Picotee	.90	8.00
La Candeur	.90	8.00
PARROT.		
Separate colors or mixed	.75	6.00
NARCISSI.		
Empress, fine double nose bulbs	1.50	14.00
Golden Spur, large double nose bulbs	1.70	16.00
Poeticus Burbidgii	.50	4.50
Poeticus Ornatus	.60	5.50
Trumpet Major, special forcing	1.10	10.00

It will be necessary to mention this advertisement to secure the benefit of these rates. Terms are net cash.

JAMES VICK'S SONS, Rochester, New York

Mention The Review when you write.

timothy seed ran as high as ninety-eight per cent.

The names of the offending dealers can be obtained by anyone by application to the department for copies of circular No. 35. Purchasers of seed are asked to coöperate with the department in detecting dealers in bad seed. The department is ready to make analysis of samples at Washington, and there are five branch laboratories for the convenience of those living at a distance, the location of the laboratories being included in circular No. 35.

ST. LOUIS.

The Market.

Business last week was much better than the week previous and the wholesale markets were not nearly so glutted, but no clean-up sales were reported, as the market had plenty of everything and just a little more than the demand called for. Some good shipping orders, which used up a lot of surplus stock, were reported by the wholesalers.

In chrysanthemums the sale is good in all varieties. Some fine Eaton, Chadwick and Golden Wedding were seen during the week, also some splendid blooms of Bonnaffon. The wholesalers expected to receive quite a large cut this week for Thanksgiving orders.

Violets are cleaning up at $1 per hundred for the best Californias. These are not overplentiful at present and the growers say they will be scarce all season, with the prices up. Carnations have had their ups and downs, one

Cut Prices on Tulips

Stokes Seeds Philadelphia

SINGLE TULIPS

	Per 1000
Chrysolora	$ 5.00
Couleur Cardinal	10.00
Vermilion Brilliant	12.00
Artus	6 00
Mon Tresor	8 00
Thomas Moore	5.00
Pottebakker scarlet	9.00
Crimson King	6.00
Proserpine	12.00

DOUBLE TULIPS

	Per 1000
Murillo	$ 6.00
La Candeur	6.50
Couronne d'Or	10.00

NARCISSUS

Alba Pleno Odorato	5.00
Trumpet Major	8.00
Victoria (bicolor)	9.00
Princeps	5.00

STOKES' SEED STORE

219 Market Street, Philadelphia, Pa.

Mention The Review when you write.

Cold Storage Valley

FOR CHRISTMAS FORCING

Per 100, $1.75. Per 1000, $15.00.

GLADIOLUS

	Per 100	Per 1000
Blushing Bride	$0.65	$5.00
The Bride	.75	6.00

A. HENDERSON & CO.

Phone Randolph 2571

30 E. Randolph St., CHICAGO

Mention The Review when you write.



Unrivaled for size of flower, purity of color and highest development. They represent the best specialists have so far produced. Seeds and plants

J. L. SCHILLER, Toledo, O.

Mention The Review when you write.

Bulb Bargains

French Romans, 12-15, 100, $2.25.
Named Dutch Hyacinths, 100, $3.50.
Forcing Hyacinths, 100, $2.00.
Dutch Roman Hyacinths, 100, $1.25.
Tulips, Belle Alliance, 100, $1.25.
" Pottebakker, yellow, 100, 80c.
" Rose Grisdelin, 100, 55c.
" Single Superfine, mixed, 100, 45c.
" Double Superfine, mixed, 100, 50c.
" Rex Rubrorum, 100, $1 00.
" Parrots, finest mixed, 100, 50c.
" Macrospeila, 100, 60c.
" Gesneriana, 100, 75c.
" Picotee, 100, 60c.
" Late, single, mixed, 100, 50c.
Narcissus, Princers, 100, 50c.
" Double Incomparable, 100, 60c.
Jonquil Rugulosus, 100, 45c.
Freesias, Mammoth, 100, 50c.
Ornithogalum Arabicum, 100, 75c.
Chionodoxa, 100, 50c.
Oxalis, Mixed, 100, 25c.
Scilla Sibirica, 100, 60c.
Single Snowdrops, 100, 35c.
Double Snowdrops, 100, 65c.

Cash with Order.

G. H. HUNKEL CO., Seedsmen, MILWAUKEE, WIS.

day plentiful, the next scarce, but the local growers expected a large cut during this week, as the weather has been clear for the last few days. Enchantress are coming in fine; so are Beacon and White Perfection. The top price for Thanksgiving was expected to be $5 per hundred.

Roses have been and will be more plentiful, but the demand for mums has hurt their sale considerably during the last few weeks. Ten dollars per hundred is expected to be the top price for this week for fancy stock. Beauties are scarce, but Paper Whites, valley and lilies are in good supply, as also are all kinds of greens.

Various Notes.

J. F. Ammann, of Edwardsville, makes Monday his regular visiting day in this city. The J. F. Ammann Co. is cutting some extra good stock, which is consigned daily to C. A. Kuehn.

Charlie Young, of C. Young & Sons Co., says his firm has had a splendid fall trade in bulbs. Several large weddings kept them quite busy last week.

It has been rumored that at the meeting of the Florists' Club and the Retail Florists' Association this month strong talks will be made as to the advisability of taking hold together and giving a flower show on a large scale.

H. G. Berning had a large shipping order last week that consumed 4,000 of his fancy mums.

The opening of the new store of the Sanders Nurseries, on Clara avenue, had to be postponed owing to a defect in the heating system. Oliver K. Sanders, who is to have charge of this place, said that everything would be in readiness for the opening before Thanksgiving.

The W. C. Smith Wholesale Floral Co. recently received a large shipment of florists' supplies, including a lot of Christmas novelties. The firm's daily consignments of carnations and violets from Kirkwood have been large.

Henry Ostertag, of Ostertag Bros., says their force had to hustle last week, as they had several wedding decorations and quite a batch of funeral work.

Otto Sanders had several large orders to fill during the week. He says that since coming over on Olive street he has worked up a splendid over-the-counter trade and he carries the best of stock to work with.

A. Brix says that since he did away with the cares of the greenhouses and spent all his time at the store he is much better satisfied with the business.

Geo. H. Angermueller expects to be well supplied with stock of all kinds for the Thanksgiving demand. He said that stock sold much better last week than the one previous.

Wm. Ellison, of the Ellison Floral Co., reports that sales are not as they should be at this time of the year; nevertheless they had quite a few dinner parties and receptions to furnish during the week.

Waldbart, Ayres, Newman and the Metropolitan, centered at Grand avenue and Olive street, say they had a splendid week in cut flower orders and plant sales.

Visitors: Martin Reukauf, representing H. Bayersdorfer & Co.; J. J. Karins, for H. A. Dreer; Wm. Craig, of the Robert Craig Co., all of Philadelphia. J. J. B.



Bruns' Valley gives the largest number and biggest bells all the year

VALLEY

FOR THE

Holidays

To get valley in time for the holidays you should plant Bruns' celebrated pips now.

Cold Storage Valley Pips

$1.75 per 100; $15.00 per 1000

Chicago Market Brand

New Stock is Now Ready

This is the best stock for early forcing, if strictly fancy valley is wanted. When it was shipped my grower wrote: "The finest shipment that is going to the U. S. this season,"—and he knows.

My representative in Europe is constantly on the lookout for the best pips to be had. Bruns' Chicago Market Brand is the result.

ORDER NOW

—because this grade is scarce.

$2.00 per 100; $16.00 per 1000

H. N. BRUNS

3038-40-42 W. Madison St., CHICAGO

Mention The Review when you write.

LILIUM GIGANTEUM (Dark Stem)

LILIUM ALBUM, AURATUM AND RUBRUM

All sizes and as fine as Japan produces. Write us.

S. S. Skidelsky & Co., 1215 Betz Bldg., **Philadelphia, Pa.**

Mention The Review when you write.

SPIRAEA CLUMPS for Forcing

	Doz.	100
Astilboides Floribunda	$0.85	$ 6.00
Gladstone	1.25	9.00
Superba	.90	7.00

Cash with order or satisfactory references.

Weeber & Don, Seed Merchants and Growers **New York**
114 Chamber Street

Mention The Review when you write.

Bridgeman's Seed Warehouse

Est. 1824. RICKARDS BROS., Props.

Importers and growers of high-grade

SEEDS, BULBS, PLANTS, Etc.

37 East 19th St., NEW YORK CITY

Telephone 4235 Gramercy

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Studebaker

DELIVERY WAGONS

Can Be Bought for Only a Little More Than It Will Cost You to Have Your Old Wagon Repaired.

WILL YOU LET US PROVE IT?

THE STUDEBAKER CORPORATION

SOUTH BEND, IND.

Advr. No. 1516.



FOTTLER-FISKE-RAWSON CO.

GIGANTEUMS

For Cold Storage

Our Own Cold Storage Plant in Our Store

PROMPT SHIPMENT

BOSTON

FANEUIL HALL SQUARE

Always mention the Florists' Review when writing advertisers.

Let Ayres' Superior Orchid-Flowering Sweet Peas

Follow Your Mums

The Fine Unsurpassed varieties

Asta Ohn Spencer, lavender, lb., $3.00. America Spencer, great novelty, red and white striped, lb., $4.00. Florence Morse Spencer, a beautiful light pink, lb., $2.50. Large White Spencer, the unrivaled white, lb., $2.50. Apple Blossom, pink shaded rose, lb., $1.75. Any of the above, oz., 35c. We also have all the winter flowering varieties. Write for our Sweet Pea Catalogue.

Ayres' Re-selected Grand Rapids Lettuce Seed

Is universally used by florists. Oz., 15c; lb., $1.25.

S. B. AYRES CO. Sunnyslope, Independence, Mo.

Florists—Nurserymen—Seedsmen

——10 miles east of Kansas City, Mo.——

Mention The Review when you write.

Thorburn's Bulbs

We offer high grade stock of the following while unsold:

LILIUM HARRISII, 7-9 inches in circumference at $17.00 per case of 250 bulbs.

WHITE ROMAN HYACINTHS, 12-15 ctms. at $18.00 per 1000.

Paper White Grandiflora Narcissus, at $8.00 per 1000.

CASH WITH ORDER.

Only a limited supply left, so speak quickly.

J. M. Thorburn & Co. 33 Barclay St. NEW YORK

Mention The Review when you write.

SOW NOW!

Get Ready for Early Spring Sales

	6 Tr. Pkts.	Tr. Pkt.
BEGONIA Gracilis Luminosa, true stock, with large scarlet flowers	$2.50	$0.50
Erfordii, fine pink variety	2.50	.50
Bedding Queen, most beautiful pink Wax Begonia	2.50	.50
Vernon, fine red	1.25	.25
CYCLAMEN Persicum Splendens Giganteum, finest colors, assorted, 1000 seeds	5.00	.75

O. V. ZANGEN, Hoboken, N. J.

Mention The Review when you write.

Superior Crimped Invisible Carnation Staple

For repairing split carnations. 1000 for 50 cents. Postpaid. Sample free. Special prices to jobbers.

WM. SCHLATTER & SON 422 Main St. Springfield, Mass.

Mention The Review when you write.

WIRED TOOTHPICKS

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000.....$1.75 50,000.....$7.50

Sample Free. For sale by dealers.

Mention The Review when you write.

The man who wants to protect his family buys Life Insurance. So should a man, to protect his business, buy flower insurance. But since you cannot buy flower insurance, you should buy Horseshoe Brand Bulbs, which is the nearest thing to it. If you have this brand to begin with, half the battle is won—the other half depends entirely on you. No life can be happy but that which is spent in the prosecution of some purpose to which our powers are equal, and which we, therefore, prosecute with success; and for this reason it is absurd to dread business, upon pretense that it will leave few intervals for pleasure. Get the best in lily bulbs, and take the same care with them that you would with a pet horse, and you will get both pleasure and profit out of your business. Wait for the Horseshoe Brand Man, or write us direct.

Not How Cheap But How Good

RALPH M. WARD & CO.

12 West Broadway

NEW YORK

Horseshoe Brand Bulbs for immediate shipment.

FORMOSUM

6/7	$10.00 per case 350 bulbs
6/8	15.00 per case 370 bulbs
7/9	18.00 per case 300 bulbs

GIGANTEUM

6/ 8	$20.00 per case 400 bulbs
7/ 8	21.00 per case 350 bulbs
7/ 9	22.50 per case 300 bulbs
8/10	25.00 per case 250 bulbs
9/10	24.00 per case 200 bulbs
10/11	22.50 per case 150 bulbs
11/12	22.00 per case 130 bulbs

All F. O. B. New York.

Terms 3 months, or 5% for cash with order. Cold Storage deliveries at any time during the season.

Fall deliveries of advance orders of Japan Lily Bulbs can be made f. o. b. New York, Pittsburgh, Chicago, Cincinnati, Memphis and Toronto, or any other city, in lots of 250 cases upwards.

Nursery Stock For Florists' Trade

FOR FALL PLANTING

Evergreens, Peonies, Phlox, Shrubs, Trees, Fruit Trees, Small Fruits.

WRITE FOR TRADE LIST

W. & T. SMITH COMPANY, Geneva, N. Y.

65 YEARS — 600 ACRES.

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Officers for 1911-12: Pres., J. H. Dayton, Painesville, O.; Vice-pres., W. H. Wyman, North Abington, Mass.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-seventh annual meeting, Boston June 1912.

An account of the first fall meeting of the California Association of Nurserymen appears on page 76 of this issue.

The Bonnie View Fruit Farm & Nursery Co., at Tomah, Wis., has been adjudged bankrupt and its property has been ordered sold, free of liens. The incorporated valuation of the property was $50,000.

The tract of 320 acres known as the old Finks Nursery Farm, near Lamar, Mo., has been purchased by Edward V. Smith, of Morgan county, Illinois, and his son, Clarence Smith, for a total cash price of $27,200.

The Roswell Nursery Co., at Roswell, N. M., has prepared for an enlargement of its business by establishing a sub-nursery at the corner of Fifth and Main streets. Wyatt Johnson, manager of the nursery, will have charge of the branch.

S. M. Meehan, of Thomas Meehan & Sons, Dresden, Pa., visited Excelsior Springs, Mo., during the summer, and the enthusiasm he aroused among the property owners will lead to considerable landscape work being done there this season.

A new 700-acre nursery has been started about thirteen miles from Norfolk, in Norfolk county, Virginia, by R. Lauterbach and M. Holster. The soil throughout the whole tract is said to be a deep, rich, sandy loam, which has been used for two years for the growing of peas.

THE MEETING AT ALVIN.

The meeting of the Gulf Coast Nurserymen's Association, held at Alvin, Tex., November 17, was more than ordinarily interesting and productive of results. There was a good attendance from every section of the Gulf coast. The first session of the meeting was called to order at 10 a. m., by the president, W. A. Stockwell, of Alvin. Secretary I. M. Johnson, of Houston, was also present.

Prof. E. C. Green, of the United States Department of Agriculture, discussed the work the department is doing in the way of introducing new and valuable trees and plants for the Gulf coast.

Sam H. Dixon, editor of Texas Farm and Fireside, Houston, spoke of observations of the grapefruit in Florida.

Edward Teas, also of Houston, spoke briefly on ornamentals necessary to the beautification of the home grounds.

The afternoon session convened at 1:30, being called to order by President Stockwell, who made a brief address on the work and duty of the association. His remarks were followed by a general discussion.

The following new members were enrolled: W. E. Ayers, Alvin; Kolberg & Anderson, Eagle Lake; A. P. Wright, Mission; M. F. Hammer, Alvin; W. T. Foster, La Porte.

A committee on advertising was appointed, as follows: R. W. Halbert, Arcadia; W. D. Griffin, Port Arthur; I. M. Johnson, Houston; R. H. Bushway, Algoa.

Considerable discussion followed the appointment of this committee, as to advertising mediums, style of advertising, etc. Two hundred dollars per month is to be devoted to this feature, raised by an assessment plan based on the invoice stock of each nurseryman,

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City. Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS, Nurserymen and Florists RUTHERFORD, N. J.

Mention The Review when you write.

Clematis Paniculata

Strong, Field-grown Stock.

2-year, No. 1,
$7.00 per 100; $60.00 per 1000.

Extra selected,
$8.00 per 100; $70.00 per 1000.

VICK & HILL CO.

P. O. Box 613 ROCHESTER, N. Y.

Mention The Review when you write.

LEEDLE SPRINGFIELD ROSES

2½-in. Shipping — Booking — 4-in. Growing

and Fireside, Houston, spoke of observations of the grapefruit in Florida.

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A committee on advertising was appointed, as follows: R. W. Halbert, Arcadia; W. D. Griffin, Port Arthur; I. M. Johnson, Houston; R. H. Bushway, Algoa.

Considerable discussion followed the

FIELD GROWN SHRUBS IRIS THE USN CO PÆONIES ROSES

The United States Nursery Co.

Roseacres, Coahoma Co., MISS.

Mention The Review when you write.

FINEST CANNAS IN THE WORLD

See our 2-page ad. in issue of Nov. 16th.

The Conard & Jones Co.

WEST GROVE, PA.

Mention The Review when you write

LARGE TREES

OAKS AND MAPLES, PINES AND HEMLOCKS

ANDORRA NURSERIES

Wm. Warner Harper, Prop.

Chestnut Hill, Philadelphia, Pa.

Mention The Review when you write.

FRUIT TREES — APPLE and PEACH. Large stock Fine Trees, commercial varieties. Prices Reasonable — **Mitchell Nursery,** Beverly, Ohio

Mention The Review when you write.

this fund to be placed in the hands of the publicity committee.

The association unanimously agreed to place an exhibit in the Texas land show, to be held in Houston sometime in January.

A prolonged discussion took place on the pecan industry and the most successful budding and grafting methods.

The visitors were to have taken an automobile ride to the orchards and nurseries around the city, but a brisk, rainy norther precluded carrying out this part of the program.

The report of the committees disclosed the fact that the association was doing some progressive and effective work and accomplishing its purposes in a satisfactory manner.

CINCINNATI.

The Gateway to the South.

Toward the middle of last week the market experienced a tightening in all lines. This was due to growers beginning to hold back for Thanksgiving, because chrysanthemums were bringing far too low a price if allowed to come in regularly, as the demand, being limited, did not take them up fast enough. Since Wednesday, November 22, nearly everything worth while has sold at a merry clip and prices have gone a point higher. Indications for Thanksgiving were for a sufficiency of nearly everything. Narcissi have been added to the line of offerings, and poinsettias will be included this week.

All roses are pretty well off crop and as a result are cleaning up from day to day. American Beauties are on the short side of the market; many more might have been used last week. In carnations, colored varieties are in demand, but the supply is meager. White are more plentiful and all are selling well. The call for violets, both double and single, valley and orchids is all that could be desired and Easter lilies are good property.

The demand for all kinds of greens is large.

Various Notes.

The Bowling Club meets at Finke's on East Sixth avenue Monday, December 4, at 8 p. m.

C. E. Critchell was the first on Third avenue to offer narcissi this year. This week he expects to be first with poinsettias.

Wm. Murphy has rented the store room at 111 Third avenue, East, for a place in which to handle his line of Christmas greens, consisting of holly laurel, boxwood, red berries and southern smilax. Ray Murphy will take charge. Mr. Murphy says that the January deliveries of the Delhi carnations are completely ordered and orders for shipment on February 1 are being booked now.

Geo. Klotter, of West Price Hill, lost several choice cattle when his barn burned last Sunday night.

G. Brunner's Sons, of Price Hill, have been consigning some excellent stock to L. H. Kyrk.

Peter Weiland will open December 1, a wholesale house at 114 East Third avenue. His brother-in-law will take care of the Cincinnati end of the business while Mr. Weiland attends to his greenhouses at New Castle, Ind.

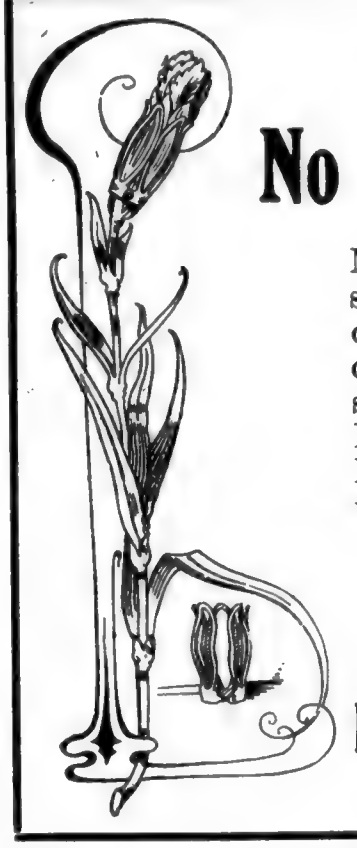
The Cincinnati Cut Flower Exchange reports an excellent call for leucothoe.

Robert Buck, of Washington C. H., again sent to C. E. Critchell his large Chadwicks for Thanksgiving.

W. K. Partridge has joined the force in the seed department at J. M. McCullough's Sons Co.

Martin Reukauf dropped in last Monday on his fortnightly call.

C. H. H.



WHAT!

No More Split Carnations?

Not if you use Tank's Artificial Calyx. A sure preventive. Prevention is better than cure! So simple that a boy can put them on and when the bud has reached a certain stage it is taken off and put on another. Does not retard the growth of flower at all. Nothing to wear out. Last forever. A trial will convince.

$20.00 per 1000.

Cash or C. O. D. from unknown parties.

Send $1 for sample of 50 by mail postpaid.

MORTON R. TANK

Chatham, New York

Mention The Review when you write.

California Privet

Grown as a Specialty

You go to a specialist in other lines of business because you know you will get the best service. This applies to growers of nursery stock as well. Give me a trial and be convinced.

I have a large block to move this fall and will quote you prices that will enable you to get California Privet business. The stock will be as fine as can be grown. Send your list at once.

I AM GROWING CALIFORNIA PRIVET TO SELL, AND I SELL IT. THERE MUST BE A REASON.

C. A. BENNETT, Robbinsville, N. J.

Mention The Review when you write

PEONIES

We have one of the finest stocks anywhere in the country and shou'd be very glad to figure with you on your list of wants.

PETERSON NURSERY,

Stock Exchange Building, CHICAGO

Mention The Review when you write.

Peonies

ROSE GARDENS, NORTH EMPORIA, VA.

Mention The Review when you write.

California Privet

A full supply for all who need well grown, well graded, well rooted and well packed 2-year-old

California Privet

Only strong branches counted. Satisfaction guaranteed.

	Per 100	Per 1000
12 to 15 in., branches	$1.00	$ 7.00
15 to 20 in., 3 or more branches	1.50	10.00
20 to 30 in., fine, 4 or more branches	2.00	15.00
2½ to 3 ft., strong, 6 or more branches	3.00	25.00
3 to 4 ft., extra hv'y, 8 or more branches	4.00	30.00

10 per cent off on 5000 lots of the first four grades. Special low rates on car lots. Correspond before purchasing.

Chas. Black, Hightstown, N. J.

Mention The Review when you write.

HARDY CHOICE

ORNAMENTALS

Ask for Prices

Hiram T. Jones

Union County Nurseries, Elizabeth, N. J.

Always mention the Florists' Review when writing advertisers.

PACIFIC COAST.

This Department now overflows its three pages, onto a fourth page. And it has only begun to grow. Would someone at Los Angeles like to help push it along by supplying a boiled-down weekly letter regarding trade events there? There are openings for correspondents in several other Coast cities.

Cle Elum, Wash.,—J. A. Balmer is trying out about 100 of the newer H. T. roses in his new house, solid beds, with a view of finding something adapted to his soil and conditions. The Killarneys, pink and white, are neither a success with him; too many short stems, and too much mildew. The market is none too good on the Pacific coast this fall.

Los Angeles, Cal.—The Freeman-Lewis Co. has opened a flower store at 212 West Fourth street. It is said to be one of the handsomest stores in town. Mr. Freeman, the business manager, was formerly a florist in Indianapolis, but has resided in this city for some years. Mr. Lewis, who has charge of the decorating part of the firm's business, has been connected for the last three years with Wright's Flower Shop.

OIL FOR FUEL.

Has any reader of The Review situated on the Pacific coast had experience with fuel oil as applied to the florists' business? Particulars of same would be appreciated. F. B.

CALIFORNIA NURSERYMEN MEET.

The California Association of Nurserymen held its first fall meeting at the Chamber of Commerce, Los Angeles, November 23 and 24, with an automobile drive and picnic on the following day. Heretofore spring meetings only have been held. The fall meeting proved popular and brought out a good attendance, the northern part of the state sending several representatives.

The officers are: President, W. V. Eberly, Niles; vice-presidents, Leonard Coates, Morgan Hill; F. H. Wilson, Fresno; Fred H. Howard, Los Angeles; Almon Wheeler, San Jose; Thomas Chisholm, Pasadena; Max J. Crow, Gilroy; E. Wightman, Chico; C. W. Howard, Hemet; secretary and treasurer, H. W. Kruckeberg, Los Angeles.

The program was as follows:

Address of welcome, by Thomas Chisholm, of the Pasadena Nurseries.

Response by George C. Roeding, of the Fancher Creek Nurseries, Fresno.

President's address, by W. V. Eberly, of the California Nursery, Niles.

"Organization and Fellowship," by P. A. Dix, of the Davis County Nurseries, Roy, Utah, and President Pacific Coast Nurserymen's Association; short discussion, (a) J. W. Jeffrey, former State Horticultural Commissioner, and now manager Deciduous Fruit Growers' League, Sacramento; (b) C. B. Messenger, editor of the California Cultivator, Los Angeles.

"Credits in the Nursery Business," by Leonard Coates, president Leonard Coates Nursery Co., Morganhill; discussion, (a) R. W. Teague, of the San Dimas Citrus Nurseries, San Dimas; (b) W. R. Wood, vice-president Roeding and Wood Nursery Co., Los Angeles.

"Regulation and Stability of Prices," by W. P. Weber, sales manager of the San Fernando Nursery, San Fernando; discussion by the convention as a whole.

"Buying and Selling Among Nurserymen," by Fred H. Howard, of Howard & Smith, Los Angeles; discussion, (a) E. Wightman, of the Chico

Direct Importations---Tree Fern Stems

Due to arrive in the early spring of 1912
The grandest and most graceful of all decorative plants.

Alsophila robusta, Dicksonia Antarctica, Dicksonia squarrosa, Cyathea medullaris, Cyathea dealbata, Cyathea Smithii Cyathea Cunninghami.

All sizes from three feet up.

We will also receive specimen plants of Platyceriums and Todeas,

Prices and particulars on application.

MacRORIE-McLAREN COMPANY

711-714 Westbank Bldg., SAN FRANCISCO, CAL. Nurseries, SAN MATEO, CAL.

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS SEED

Season 1911—1912.
Ready Soon for Delivery.

Our crop of Plumosus Seed has now set, and we are booking orders for delivery in January and February.

In Lots of 1,000	per 1000, $2.50
In Lots of 10,000	per 1000, 2.00
In Lots of 20,000	per 1000, 1.75
In Lots of 50,000	per 1000, 1.50

Write for quotations on larger lots.

Los Angeles Flower Market, 414½ South Broadway LOS ANGELES, CAL.

Mention The Review when you write.

LYNCH NURSERY COMPANY

Wholesale growers and shippers of Cut Flowers
CHRYSANTHEMUMS, ROSES, CARNATIONS, SMILAX, ASPARAGUS
We cover all Pacific Coast points

MENLO PARK, CALIFORNIA

Mention The Review when you write.

CYCLAMEN

7-inch pots, very heavy ..... per 10, $7.50
For Thanksgiving and Christmas delivery, plants to be exceptionally well flowered.

ASPARAGUS PLUMOSUS NANUS

2½-inch pots, from flats, ready for 3-inch pots ..... per 100, $2.50; per 1000, $20.00

Carnation Rooted Cuttings for January, February and March Delivery. Beacon, Dorothy Gordon, Enchantress, Rose-pink Enchantress, Victory, Winsor, White Perfection. Healthiest, cleanest plants you can find on Pacific coast. No cuttings taken from outdoor stock. Send for Price List.

H. HAYASHI & CO., 73rd and Thomas Streets, Elmhurst, Cal.

Mention The Review when you write.

CYCLAMEN

7-in. pots, per doz	$ 9.00
6-in. pots, per 100	65.00
5-in. pots, per 100	$45.00 to 50.00
4-in. pots, per 100	25.00
Cyclamen, 25,000 August seedling plants, all separate colors ..... per 100, $2.00; per 1000,	18.00
Asparagus Plumosus, 3-in. pots, per 100	7.00
" " 2-in. pots, per 100	3.00
" **Sprengeri**, 3-in. pots, per 100	5.00
" " 2-in. pots, ready for shift, per 100	2.50
Boston Ferns, per 100	$25.00, $40.00 and 50.00
Elegantissima Ferns, 100, 25.00	40.00 and 50.00
Whitmani Ferns, per 100 25.00,	40.00 and 50.00

F. O. B. Portland.

R. KEIL, - Lents, Oregon

Always mention the Florists' Review when writing advertisers.

SHASTA DAISIES

Alaska, California and **Westralia,** extra strong field divisions, $24.00 per 1000; $2.50 per 100.

Cyclamen Persicum Giganteum, 3, 4 and 5-in. pots, $7.00, $12.00 and $20.00 per 100. Fine bushy plants, well budded.

Asparagus Plumosus, 3-in., $5.00 per 100.

Asparagus Sprengeri, 3, 4 and 5-in. pots, $5.00, $8.00 and $15.00 per 100.

Also **Shasta Daisy, Pentstemon Hybridum Grandiflorum, Delphinium Hybridum** and other choice seeds. Send for list.

Cash, please.

FRED GROHE, Santa Rosa, Cal.
R. D. 4.

To FLORISTS and DECORATORS:

Beautiful English Holly

for CHRISTMAS

profusely berried, grown at Portland, Ore., on the famous Crystal Springs Farm belonging to the Ladd estate, carefully and freshly cut for shipment, at the following prices, crated, f. o. b. Portland.

25 lbs.....75c per lb.
50 lbs.....60c per lb.
100 lbs.....50c per lb.

Orders filled strictly in rotation while stock lasts. Cash with orders, or references.

THE SIBSON ROSE NURSERIES
1180 Milwaukee Ave., Portland, Ore.

Mention The Review when you write.

Nurseries, Chico; (b) Alexander Kirkman, of the Kirkman Nurseries, Fresno.

"The Problem of Surplus Stock," by Max Crow, proprietor of the Santa Clara Valley Nurseries, Gilroy, Cal.; discussion, (a) W. S. Marshall, of the Marshall Nurseries, Fresno; (b) T. D. Robertson, of the Orange County Ornamental Nurseries, Santa Ana.

"Exhibiting, a Business Proposition," by Phillip D. Wilson, general manager Pacific Land and Products Exposition; discussion by George C. Roeding, president Fancher Creek Nurseries, Fresno.

"Federal Quarantine," by Frederick Maskew, State Deputy Horticultural Commissioner for Southern California; discussion by S. A. Pease, San Bernardino County Horticultural Commissioner, San Bernardino.

"State and County Quarantine," by William Wood, Deputy Los Angeles County Horticultural Commissioner, Whittier; discussion by Stephen Strong, former Deputy State Horticultural Commissioner for Southern California, Norwalk, Cal.

"Can Nurserymen Assist Inspection?" by F. H. Wilson, president of the Fresno Nurseries, Fresno; discussion by Jacob Dieterich, florist and nurseryman, Los Angeles.

"Are We in the Tropical Fruit Zone?" by John S. Armstrong, proprietor of the Armstrong Nurseries, Ontario; discussion, (a) D. W. Coolidge, proprietor of the Coolidge Rare Plant Gardens, Pasadena; (b) E. W. Popenoe, proprietor West India Gardens, Altadena.

"Growing Ornamentals That Sell," by E. H. Rust, proprietor of the Palm Place Nurseries, South Pasadena; discussion, (a) Fred H. Howard, of Howard & Smith, Los Angeles; (b) C. E. Howland, of the California Rose Co., Pomona.

"Novelties of Twenty-five Years in California," by John Vallance, manager of the C. C. Morse & Co. Nurseries, Oakland; discussion, (a) Luther Burbank, of Santa Rosa; (b) Newton B. Pierce, proprietor Wild Plant Introduction Gardens, Santa Ana.

"The Conifers That Do Well in California," by J. J. Reeves, landscape gardener and nurseryman, Rodeo Land and Water Co., Beverly Hills; discussion, (a) Ernest Braunton, consulting horticulturist, Los Angeles; (b) Frank Shearer, Superintendent of Parks, Los Angeles.

"California Field-Grown Roses," by E. Gill, manager of E. Gill Nursery Co., West Berkeley; discussion, (a) Charles Howard, rose grower, Hemet; (b) C. E. Howland, president California Rose Co., Pomona.

"California's Plant Debt to Australia," by Theodore Payne, seedsman and nurseryman, president Los Angeles Horticultural Society, Los Angeles; discussion, (a) O. M. Morris, of the Morris & Snow Seed Plant Co., Los Angeles; (b) John Morley, landscape architect, Los Angeles.

Reports of special and standing committees; selection of place and date for holding the spring meeting; adjournment.

SAN FRANCISCO.

The Market.

The weather has turned slightly colder and a few nights' frost has put an end to much of the outside stock. Narcissi are making an appearance and they will help considerably from this time onward. Violets are plentiful and are the most popular flowers at this time. Chrysanthemums are scarcer and the colder weather has the effect of reducing the supply perceptibly. Inside roses and carnations have stiffened

CARNATION CUTTINGS

We have recently greatly enlarged our facilities for propagating, and solicit your orders if you want No. 1 healthy Carnation Cuttings. We aim to build up our business by square dealing, and thrifty stock. Give us a trial and we will prove to you the value of good stock at reasonable prices. Under the above conditions we submit to the trade the following prices for the coming season, and will be able to furnish first crop cuttings after November 25.

	100	1,000	Unrooted 1,000
Enchantress	$2.50	$20.00	$10.00
R. P. Enchantress	2.00	18.00	10.00
White Enchantress	2.50	20.00	10.00
Washington	6.00	50.00	37.50
Pink Delight	3.00	25.00	12.50
White Wonder	6.00	50.00	37.50
Princess Charming	...	....	37.50
Dorothy Gordon	3.00	25.00	12.50
White Perfection	2.50	20.00	10.00
Beacon	2.00	17.50	10.00
Victory	2.00	17.50	10.00
Harlowarden	1.75	15.00	8.00
Alma Ward	2.50	22.50	11.50
Admiration	2.00	18.00	9.00

Twenty-five or more at 100 rate, 250 at 1,000 rate. We prepay on orders amounting to $10 or more for rooted cuttings. All orders for unrooted cuttings F. O. B. Loomis.

ASPARAGUS PLUMOSUS, 3½-in., $5.00 per 100.

LOOMIS CARNATION CO.,
D. F. RODDAN & SON, Props. LOOMIS, Placer Co., CAL.

Mention The Review when you write.

Rooted Carnation Cuttings

NOVEMBER DELIVERY

WHITE	100	1000
Pure White Enchantress	$2.25	$20.00
White Perfection	2.25	20.00
Alma Ward	3.00	25.00
PINK		
Dorothy Gordon	3.00	25.00
Pink Delight	3.00	25.00
Mrs. C. W. Ward	3.00	25.00
Enchantress	2.00	18.00
Rose-pink Enchantress	2.00	18.00
Winsor	2.00	18.00

PINK	100	1000
Winona	$2.00	$18.00
RED		
Beacon	2.00	18.00
Victory	2.00	18.00
O. P. Bassett	2.00	18.00
YELLOW		
Eldorado	2.00	18.00
VARIEGATED		
Prosperity	2.00	18.00

We prepay express charges on orders amounting to $10.00 or more.
25 at 100 rate; 250 at 1000 rate.
Cash, or satisfactory references.
For prices on unrooted cuttings see The Review of October 19.

BASSETT'S FLORAL GARDENS, B. S. BASSETT, Proprietor **LOOMIS, CAL.**

Mention The Review when you write.

Los Angeles Flower Market

CHAS. E. MORTON, Mgr. **414½ S. Broadway, Los Angeles, Cal.**

The best equipped wholesale house on the Pacific Coast. Handling the entire cut from eighteen large growers. Chrysanthemums, Roses, Carnations, Violets, Plumosus, Ferns, Smilax, in fact everything in season.

FLORISTS' SUPPLIES

Write, telegraph or telephone your orders. Prompt attention given.

Write for Prices

on **stock Mums, Carnation, Violet and Geranium Cuttings.** All the best varieties.

Van Slyke & Seamens, R. F. D No. 2, Box 18, Tacoma, Wash.

CARNATION CUTTINGS

Rooted or unrooted.

California Carnation Co., Loomis, Cal.

HOLLYHOCKS FOR THE WEST

Now ready. Splendid field-grown plants from the famous Chater's strain of double Hollyhocks, in separate colors, as follows: White, canary yellow, apple blossom, peach blossom, scarlet, rose, deep red and brown-black. These are from seeds sown early in the spring and given space in the open. They are simply perfect, strong plants, which will flower heavily next year, yet I can send fine sizes for mailing if desired. I will deliver to customer by express at $5.00 per 100, assorted or choice. Sample plants on application. Other hardy plants.

CARL PURDY, UKIAH, CAL.

Always mention the Florists' Review when writing advertisers.

somewhat in price, but are in good supply and quality. Fancy stock is scarce enough, but of short-stemmed flowers there is an abundance. Valley is about equal to the demand and orchids are in about the same condition. Lilium Harrisii is in short supply. Maidenhair is getting poorer and smilax better and cheaper. California red berries are commencing to be an item.

Business is rather quiet and, although everyone is optimistic for Thanksgiving, no one seems to have many advance orders on hand. Funeral trade is fair, however, and is really the best part of the trade at this time.

Various Notes.

Mrs. I. W. Kersey, formerly a well known bulb grower of Haywards, Cal., died in that town November 16, aged 51 years.

Thomas Duane, the Martinez nurseryman, is in town on a short visit.

John Gill, of the E. Gill Nursery Co., West Berkeley, is in Los Angeles, attending the convention of the Society of California Nurserymen. G.

PORTLAND, ORE.

The Market.

There are slight changes for the better since last reports and with Thanksgiving only a few days away, everyone was looking forward to an expected rush. Chrysanthemums are in good shape, especially the yellow varieties, while Timothy Eaton is the prevailing white. There is a scarcity of valley and growers are discouraged; everyone seems to have poor luck with the pips.

Carnations are equal to demand and move well, but Enchantress is soft, and proves a poor keeper, often causing complaint. The general scarcity of green is an item of concern to everyone.

Out at the greenhouses everything is taking on a Christmas hue; poinsettias are in good shape, and begonias, cyclamen and azaleas will be an important feature for the holidays.

Various Notes.

Miss M. Armstrong, who recently discontinued business in Spokane, stopped over, en route to California for the winter.

Mrs. L. W. McCoy, of Seattle, stopped over for a few days recently. E. R. C.

GREENHOUSE MANAGEMENT.

About a year and a half ago I wrote an article for The Review entitled "Possibilities," which dealt with automatic boiler firing, soil conveying for greenhouses and electric flower forcing.

So far we have noticed that in regard to automatic boiler firing, nothing in particular has been accomplished. In regard to soil conveying, this has been brought about, but as yet has not been put forth to any great extent. I will say, however, that it is out, ready to be patented, if the growers only knew where to find it. Then we come to the electric flower forcing. At the time I first mentioned this in The Review, about a year and a half ago, it seemed almost impossible. It has, however, been brought forth, probably not to the extent that I first mentioned it, but possibly in a better and wider field.

Chrysanthemum Stock Plants

	Per plant	
WHITE		
Mrs. David Syme		$1.00
Other Varieties	Per doz.	100
W. Oct. Frost	$0.60	$4.00
Kalb	.60	4.00
White Cloud	.60	4.00
Ivory	.60	4.00
Virginia Poehlmann	.60	4.00
Touset	.60	4.00
Alice Byron	.60	4.00
W. Eaton	.60	4.00
W. Jones	.60	4.00
W. Chadwick	.60	4.00
Jeanne Nonin	.60	4.00
YELLOW		
Yellow Oct. Frost	.75	5.00
Monrovia	.60	4.00
Oct. Sunshine	.60	4.00
Halliday	.60	4.00
Yellow Ivory	.75	5.00
Major Bonnaffon	.60	4.00
Y. Eaton	.60	4.00
Golden Chadwick	.60	4.00
Yellow Jones	.60	4.00
PINK		
Pink Ivory	.60	4.00
Balfour	.60	4.00
Dr. Enguehard	.60	4.00
Maud Dean	.60	4.00
RED		
Intensity	.60	4.00
Shrimpton	.60	4.00
BRONZE		
Fancy Bronze	.75	5.00

ROOTED CARNATION CUTTINGS

	R. C.		2½-in. pots	
	100	1000	100	1000
Enchantress	$2.50	$20.00	$3.50	$30.00
White Enchantress	2.50	20.00	3.50	30.00
Winsor	2.50	20.00	3.50	30.00
Harlowarden	2.50	20.00	3.50	30.00
Beacon	3.00	25.00	4.00	35.00

Woodland Park Floral Co.
S. Poolman, Mgr. SUMNER, WASH.
P. O. Lock Box 86. Phone Farmers 84.
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BARGAIN PRICES
Selling out all nursery stock except Kentias
Phoenix Canariensis, from 12-inch tubs, of fine appearance, 3½ feet, $1.25 each.
Phoenix Canariensis, balled and ready for shipment, 2, 2½, 3, 3½, 4, 4½, 5, 5½ feet, at 40c, 50c, 60c, 80c, $1.00, $1.20, $1.45, $1.75 each.
Phoenix Can., from 2½-inch, $5.00 per 100.
Washingtonia Rob., from 2-inch, $4.50 per 100.
Cocos Plumosa, balled, 3, 4, 5, 6, 7 feet, at $1.50, $2.00, $3.00, $4.50, $6.00 each.
Write for special prices on carload orders.
Kentia Nurseries, - Santa Barbara, Cal.
Mention The Review when you write.

Watsonia Ardernei Alba
Good, strong, flowering bulbs, doz., $1.00; 100, $7.00.
Dracaena indivisa, good, hardy plants, for 2-3-in. pots, hundred, $1.00.
By free delivery.
HENRY MELDE, EUREKA, CALIF.
Mention The Review when you write.

Asparagus Plumosus and Sprengeri
Out of 2-inch pots, $3.00 per 100.
Phoenix Canariensis, out of 2½-inch pots, $5.00 per 100.
Washingtonia Sonorae, out of 2-inch pots, $5.00 per 100.
H. KEMPF, Pacific Nursery
3041 Baker St., SAN FRANCISCO, CAL.
Mention The Review when you write.

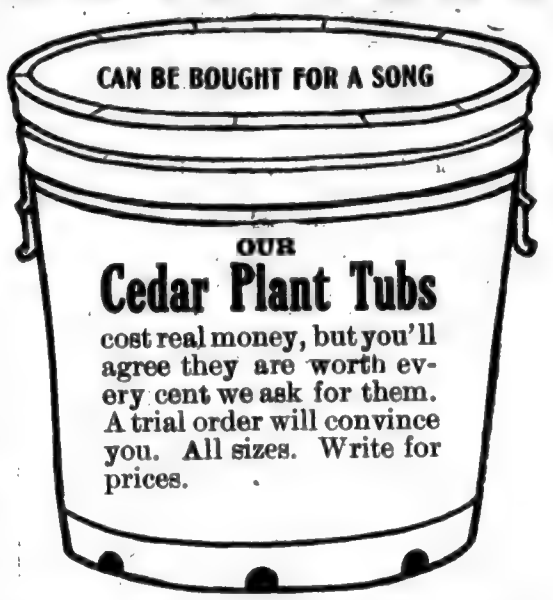
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110 E. 49th St., PORTLAND, ORE.
Marguerite Mrs. F. Sander, 2½-in. pots, fine plants, $15.00 per 100.
Heliotrope Centifleur, 2½-in. pots, $10.00 per 100.
Hall Caine Geranium, largest and best bloomer of all, single, red, 2 in. pots, $5.00 per 100.
Palms, Ferns and Araucarias. Write for prices.
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50,000 PANSY PLANTS
of the best mixtures known, stocky plants, ready to transplant now.....50c 100; $3.00 1000. Cash, please.
F. G. EHLE, 224 Sanborn Ave. SAN JOSE, CAL.

Marguerite Mrs. F. Sander, Dreer's new large double white; R. C., $2.50 per 100.
Asparagus Plumosus and Sprengeri, strong seedlings, 75c per 100.
CALLAHAN FLORAL CO., Ventura, Cal.
Mention The Review when you write.

The use of electricity for the forcing of nature's products has been experi-

SOME TUBS



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SEATTLE, WASH.
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GREENS
We make a specialty of Decorative Greens: Smilax and A. Plumosus Strings, A. Plumosus and A. Sprengeri Sprays. Also cut flowers. Write for prices.
Walter Armacost
OCEAN PARK :: :: CAL.
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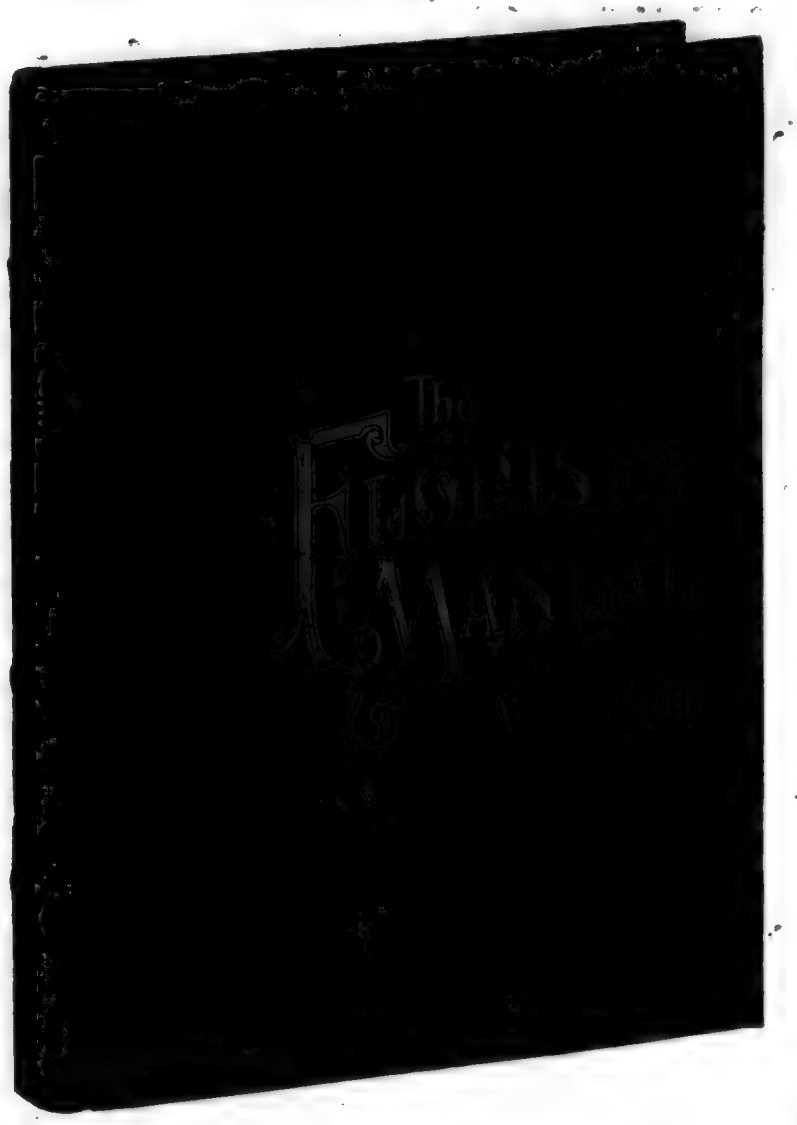
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Beautiful 3-in. stock for Jardinieres,
$8.00 per 100
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"The Three Incomparable Reds"
Thos. Stevenson, orange-scarlet Spencer.
Maud Holmes, crimson (sun-proof) Spencer.
Kelway's Black, grandiflora.
Write for prices.
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Seattle Cut Flower Exchange
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Fine Berried English Holly for Holidays
We are headquarters for cut flowers, plants, native and other greens in the northwest. Send in your wants.
Consignments solicited.
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Washingtonia, Seaforthia, Phoenix, etc.
Write for our wholesale palm list.
EXOTIC NURSERIES, Santa Barbara, Cal.
PALMS PALMS

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Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade.
A. & C. Pearson, Lowdham, Nottingham, Eng.



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mented upon to a satisfactory extent, and the process of utilizing this method of culture is no longer an experiment, but a practical step forward in this line of work. We must give the credit of these first experiments to the English; that is, to the gardeners of Essex, at the Highfield Nurseries. The first practical work in this line will be demonstrated when 200 feet of greenhouses will be treated in this manner. It has been found, under previous experiments with fruits and vegetables, that electrically stimulated plants will bear from twenty to thirty per cent more fruit. The current has the effect of increasing the influence of nitrogen in the air on the plants, as we know that nitrogen is a valuable stimulant to plant life. Although peas and cabbages are not affected by this method, it has a powerful effect on strawberries, which grow to perfection about a month sooner than normally, and bear about forty per cent more fruit. Many other plants benefit to an almost equal degree. Tomatoes do twenty per cent better and cucumbers seventeen per cent better. A discharge of 600,000 volts of static electricity is given out over the benches. The amount of current is generated by an ingenious machine consisting of six revolving plates of glass acted on by brushes. The contrivance is so simple that the running expenses are small. This method will be found advantageous to our American brothers, when Easter and Thanksgiving take a notion to come a little earlier. So it will be seen that we are another valuable step ahead in the world of successful horticulture.

Geo. G. Willius.

ROOTED CARNATION CUTTINGS

December Delivery

	100	1000		100	1000
Rose-pink Enchantress	$2.00	$18.00	Victory	$1.80	$17.00
Enchantress	1 80	17.00	Winona	1.70	16.00
W. Enchantress	2.00	18.00	W. Perfection	2.50	20.00
Beacon	1.80	17 00	O. P. Bassett	2.50	20.00
Harlowarden	1.70	16.00	Winsor	2.00	18.00

All heel cuttings and well rooted. Place your order NOW.

FALLEN LEAF GREENHOUSES, Roseville, Cal.

Mention The Review when you write.

HOLD THE HYDRANGEAS BACK.

I have a nice batch of hydrangea plants that were taken from good, healthy stock in August. They are in 4-inch pots and each one has a bud about the size of a 25-cent piece. I have them in a frame at about 50 degrees. Would it be all right to put them into 6-inch pots and bring them right along, or would you advise keeping them back? Any information on this subject would be most welcome.

F. C.

You are keeping your hydrangeas too warm. Let them have a cooler, but sunny location, where they are just clear of freezing. Also keep them moderately dry at the roots until they are started in heat again. It will be much better to give these plants a couple of months' rest before starting them. If they are well-rooted in 4-inch pots, you could move them into 5-inch when housing them, but it would be just as well to let them get a little growth and then repot them. If you want these hydrangeas around Memorial day, you need not place them in heat before March 1; if for Easter, house them right after Christmas. It will pay better, however, to flower them rather late.

	Each	Doz.
Kentia Belmoreana		
6-in. pots, 22 to 26-in. high	$1.50	$17.00
6-in. pots, 26 to 30 in. high	2.00	23.00
7-in. pots, 32 to 36-in. high	3.00	35.00
8-in. pots, 38 to 44-in. high	5.00	
9-in. pots, 46 to 52-in. high	7.50	
Phoenix Roebelenii		
5 in. pots	1.00	11.00
6-in pots	1.75	20.00
Araucaria Excelsa		
6-in. pots, 14 to 16-in. high	1.25	14.00
6-in. pots, 16 to 18-in. high	1.50	17.00
8-in. pots	3.00	
Aspidistra		
7-in. pots	1.50	
Asparagus Plumosus Nanus		
3-in. pots	per doz., $1.00; per 100, $8.00	
Ferns, Elegantissima Improved		
4-in. pots	each, 25c; per doz., $2 50; per 100, $20.00	
8-in. p ns	each, $1.00 and 1.50	
Cyperus		
6-in. pots	each, 50c; per doz., $5 00	
Anthericum Vittatum Variegatum		
5-in. pots	each, 30 c; per doz., $3.00	

This makes a better plant in a 5-in. pot than a Pandanus Veitchii; fine for filling Xmas baskets.

Cyclamen Giganteum, in bloom		
4-in. pots	each, 30c; per doz., $3.00	
6-in. pots	each, 60c; per doz., 7.00	
Poinsettias	Each	Doz.
5-in. pots, 1 plant in pot	$0.40	$4 50
6-in. pots, 1 plant in pot	.60	7.00
7-in. pans, 4 plants in pan	1.00	
8-in. pans, 4 plants in pan	1.50	

—Cash, please.—

SEATTLE FLORAL CO.

Fourth Ave. and Denny Way, Seattle, Wash.

Always mention the Florists' Review when writing advertisers.

YOU WHO WANT

Early Cuttings

Place your orders now and you will get

DECEMBER 1st DELIVERY

	Per 100	Per 1000
Enchantress, White Enchantress, Rose-pink Enchant., Beacon, Perfection, Victory,	$3.00	$25.00
White Wonder, Gloriosa, Norwood,	$6.00	$50.00

Dorothy Gordon, $4.00 per 100; $35.00 per 1000
Winsor, - 2.50 per 100; 20.00 per 1000

CHRYSANTHEMUM CUTTINGS

CROCUS, The Best Yellow Mum, - - - - - $4.00 per 100; $35.00 per 1000

J. D. Thompson Carnation Co., Joliet, Ill.

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CLEVELAND.

The Market.

Trade has been brisk for the last week. Mums of all grades are now scarce and prices are a trifle higher than formerly. The choice blooms of Chadwick, Wedding, etc., are bringing 20 cents, with a few extra fancy at 25 cents. White Killarney is still plentiful, but pink, especially in the better grades, is scarce. There are plenty of white carnations to meet all calls. Red, rose-pink and Enchantress are a trifle shy. Violets are fair for this season of the year.

Various Notes.

John A. Schwartan, foreman for Joy & Son, Nashville, Tenn., together with his wife, stopped over here for a few days, visiting old friends. Mr. Schwartan was married November 22, in Norwich, Conn., to Miss Lydia Smith.

The small yellow mum, Baby, has had a ready sale on this market this year. Large blocks of it were flowered by the local growers and all have found a ready sale.

Merkel & Son, Mentor, O., will have a nice lot of azaleas in for holiday trade. Their Cincinnati begonias look good.

A bowling tournament is to be held at the club alleys, starting Monday, December 11. All members wishing to participate should send their names in to the secretary by December 4.

F. A. F.

Morris, Ill.—H. Yepsen opened his retail place here in time to catch the Thanksgiving trade. He calls it the Model Flower Store.

Northboro, Mass.—The new greenhouse of R. E. Wadsworth & Co. is about completed. The framework was erected by men employed by the King Construction Co.

Chrysanthemums and Asters

ELMER D. SMITH & CO., ADRIAN, MICH.

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ROOTED

CarnationCuttings

Early orders insure your receiving stock when wished for. Quality is guaranteed. Only strong, well-rooted cuttings from absolutely healthy plants are sent out.

	Per 100	1000
White Wonder — Early, free, large pure white, on long, stiff stems	$6.00	$50.00
Gloriosa—(Sold up to Feb. 15) — Delicate light pink	6.00	50.00
Pink Delight — Light pink	4.00	35.00
Mrs. C. W. Ward — Deep pink	3.00	25.00
Sangamo — Deep pink	3.00	25.00
May Day — Light pink	3.00	25.00
Winona — Medium pink	3.00	25.00
Winsor — Clear pink	3.00	25.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00

Orders will be filled strictly in rotation. Remittance or acceptable references should accompany the order. One-third the amount to be prepaid for cuttings ordered sent C. O. D.

Frank P. Putnam

Pleasant View Gardens, NO. TEWKSBURY, MASS.

P. O. Address, Box No. 12, Lowell, Mass.

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ROOTED

CARNATION CUTTINGS

	Per 100	Per 1000
Alma Ward, white	$4.00	$35.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
Winsor, pink	3.00	25 00
Pink Enchantress	3.00	25 00
C. W. Ward, deep pink	4.00	35.00
Beacon, red	3.00	25.00

We have the cleanest stock in the West. If you want the best, then send us your early orders. We grow **only** the best commercial varieties, and save you that big freight and express charge from the East. Come any time and see us—and the flowers we grow.

W. H. Sawvel Floral Co.

115 Clinton Place, Kansas City, Mo.

A HALF-INCH ADVERTISEMENT

here will keep your name and facilities before the whole trade, at a cost of only 35c per week on a yearly order.

THE NEW YELLOW FORCING ROSE SUNBURST



This magnificent, giant yellow rose has been tested for three years in our benches; it stands head and shoulders above all other sorts of its color and will rank with American Beauty and the Killarneys in value and grandeur—because

It has a long, pointed bud, which can be cut tight for market. It is pre-eminently a long-stemmed rose. The stem is always stiff. It is free in bottom breaks. Is extraordinarily vigorous and healthy. Belongs in the class of **Big Roses.** Its keeping qualities rank with the best. Buds shipped from Richmond last December opened up perfectly in both Philadelphia and New York, where it scored 90 before the Florists' Club.

The color is orange-copper or golden orange and golden yellow, all intense shades, extremely brilliant in effect.

Come and see it growing; we have 8,000 of it benched.

Does splendidly out of doors; will rank high as a bedder. At the Chicago show, 1910, it was awarded the silver cup for the best new rose never before exhibited, and the judges unanimously gave it honorable mention additional. Has created a sensation wherever shown.

Raised by M. Pernet-Ducher, from whom we bought the American rights.

We have divided our stock with Mr. C. H. Totty, of Madison, N. J., to give eastern growers a chance to see it growing. Will be distributed March 1 in America by C. H. Totty and The E. G. Hill Co. Mr. Pernet will distribute same date in Europe.

The American price is $30.00 per 100; $250.00 per 1000 (own roots); $5.00 per 100 additional for grafts

THE E. G. HILL CO., Wholesale Florists, RICHMOND, IND.

30,000 extra strong field-grown plants of

NORWOOD CARNATION

The most profitable White Carnation you can grow.

$10.00 per 100; $75.00 per 1000.

A rare chance. Better order promptly.

ROBERT CRAIG CO.

49th and Market Sts., PHILADELPHIA

Mention The Review when you write.

MELODY, own root, from 2½-in. pots, $6.00 per dozen; $30.00 per 100; $70.00 per 250; $250.00 per 1000.

DOUBLE PINK KILLARNEY, own root, $4.00 per dozen; $20.00 per 100; $40.00 per 250 $150.00 per 1000. Grafted plants on Dickson's Manetti stock, $10.00 extra per 100.

ROBERT SCOTT & SON,

SHARON HILL, Delaware Co., PA.

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Rooted Carnation Cuttings

of up-to-date varieties

List on application

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NORTH ABINGTON, MASS.

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Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

Carnation Growers

in the vicinity of Chicago will please notice that we will have **our new scarlet, ST. NICHOLAS,** on exhibition at the Chicago Florists' Club meeting on December 7th.

¶ Also, for the benefit of those in the vicinity of Pittsburgh, we will show at the Pittsburgh Florists' Club on December 5th.

Be sure and see it. You will want to grow it.

BAUR & STEINKAMP

Carnation Breeders **Indianapolis, Ind.**

The Best White Rose Ever Offered

WE SHALL DISSEMINATE

Double White Killarney

We Are Now Booking Orders For March Delivery.

It made a great record at the shows this fall. See it growing at The Budlong Rose Co., in Auburn, R. I., or with us at Cromwell.

Order now to be sure of early delivery.

A. N. PIERSON, Inc., Cromwell, Conn.



QUALITY

—THE—

Carnation Sensation

OF THE YEAR

RAINBOW



MERIT

WINNER OF THE BRONZE MEDAL

National Flower Show, Boston, March, 1911

A Glorified Prosperity with all the Good Features of the Lawson Strain

With its name proclaiming its beautiful color combination, RAINBOW is one of the best, most profitable and remarkable carnations offered to the growers today. This excellent seedling should be grown by every carnation grower, because—

It is the best
It is easily propagated
It has a remarkably long, heavy, stiff stem
It has a strong, non-splitting calyx
It has large flowers of perfect form
It is a cool grower, doing best with 50°
It blooms freely, early, continuously
It is a good keeper

and, best of all, it is a money maker and sells on sight

We realize 40% to 60% more profit on Rainbow than on any of the many standard varieties we have ever grown. It was sold last season exclusively to the largest retail dealer in New York City, who took our entire output.

The delicate shading from deep to light pink makes it both a superior display bloom and a general purpose flower, commanding the highest price everywhere. Our claims to superiority in Rainbow are supported by 15 years of painstaking experience in producing and growing carnation seedlings of extreme merit.

Rainbow should not be confused or classed with the ordinary pink and white variegated—it is far superior.

PEDIGREE:—Morning Glory crossed with Lawson, producing white seedling, overlaid with pink. This resulting seedling crossed with Lawson, producing Rainbow—"profitable and prolific."

Our propagating facilities are strictly up-to-date. We can deliver a half million rooted cuttings and guarantee them to be perfect and satisfactory in every way. **Orders booked now for January delivery.**

$12.00 PER 100; $100.00 PER 1000

250 AT 1000 RATE. LIBERAL DISCOUNT ON LARGE ORDERS

WANOKA GREENHOUSES, BARNEVELD, NEW YORK

Mention The Review when you write.

NEW BEDFORD, MASS.

The cut flower trade has been good for the last week. Flowers are in good supply. The carnations now coming in are all right; they retail at 50 cents per dozen. Roses retail at $1 and $1.50 per dozen; mums, from $1.50 up to $3 per dozen. The latter are getting rather scarce. Violets sell well at $1 per hundred blossoms, Paper Whites at 50 cents per dozen, bouvardia at 50 cents per dozen. Candytuft and alyssum help out well. Stevia is now coming in good shape and is fine for mixing with the other flowers.

Funeral work is good, using up lots of stock. Plant sales are good, with fairly good prices. We have had no severe weather as yet. Nearly all the bulbs have been planted out for spring flowering. Privet hedge plants and other shrubs are in fairly good demand.

The uptown stores are making nice displays. Wm. P. Peirce had a pretty window last Saturday.

E. H. Chamberlain is handling some nice ferns. W. L.

ONE-YEAR-OLD

Richmond

Plants at $3.00 per 100;
$25.00 per 1000.

George Reinberg
162 N. Wabash Avenue
CHICAGO

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KILLARNEY

Double Killarney is the best pink rose for warm weather. Contracts made for cuttings, eyes or own root plants.

JOHN WELSH YOUNG, Upsal Sta. P. R. R., Philadelphia, Pa.

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SMITH'S ADVANCE

The Earliest Large-flowered
WHITE CHRYSANTHEMUM

We offer young stock from one of the most celebrated growers, 2-in. pots, $1.25 per dozen, $10.00 per 100.
Stock grown to your order.

A. L. RANDALL CO.
66 E. Randolph St., CHICAGO, ILL.

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CARNATIONS

A. JABLONSKY,
OLIVETTE, St. Louis Co., MISSOURI

Mention The Review when you write.

NOVELTIES
IN
CHRYSANTHEMUMS, CARNATIONS AND ROSES

In CHRYSANTHEMUMS

We will distribute the usual **high-class** list of six or more of Mr. Pockett's Australian varieties, which will include Mrs. Geo. Burke, a grand bronze; Mrs. A. M. Henshaw and Annie L. Angus, whites; Mrs. Harry Turner, crimson, and Mrs. Gilbert Drabble, a lovely white, besides several other seedlings of surpassing merit.

In NEW ROSES

We are putting out the yellow "Sunburst," in conjunction with the E. G. Hill Co.—the giant yellow that creates a sensation wherever shown.

In CARNATIONS

We are distributing Wodenethe, **the white** you have been waiting for. It has been called the most perfect Carnation ever raised—a fancy in every sense of the word.

Brooklyn, a cerise pink; a "bread-and-butter" Carnation that will produce more from a given space than any Carnation I know of.

COME AND SEE THESE VARIETIES GROWING

¶ You will also see our 1911 varieties of Carnations and Roses—Princess Charming and White House in Carnations, and Lady Hillingdon in Roses, which is going to take the place of all other medium-sized yellows as a commercial florists' flower.

CHAS. H. TOTTY, Madison, N. J.

Speak Quick if You Want Them

We have 100,000 cuttings in the sand that need potting badly. Before we can pot we must have room. To this end we offer the following for cash, all fine, clean stuff in the pink of condition. This Special Offer will hold good until December 5th, and no later.

WINTER SWEET PEAS

Christmas Pink, Christmas White, Mrs. J. Dolansky, Mont Blanc, Mrs. Wm. Sim, Mrs. C. H. Totty, Mrs. Alex. Wallace, several plants to a pot, 3-inch, $1.50 per 100 pots.

STOCKS, Beauty of Nice and Cut and Come Again, white, shell pink, daybreak, red, lavender, 2-inch, $1.50 per 100.

CYPERUS ALTERNIFOLIUS (Umbrella Plants), 2-inch, $1.50 per 100.

FERNS FOR DISHES, etc., a good collection of serviceable varieties in splendid condition, strong, clean plants, $2.00 per 100; $18.00 per 1000.

If necessary will book your order and hold until December 15th.

JOHN IRVINE & SONS, Bay City, Mich.

Mention The Review when you write.

INDIANAPOLIS.

The Market.

Trade was flourishing the first three days of last week, but has dropped off considerably since. There has been considerable decorating, but nothing of an extravagant nature. Funeral work is a little light. The outlook for Thanksgiving is good. Stock, especially chrysanthemums, is plentiful. Carnations have improved wonderfully in the last two weeks and are about equal to the demand. Violets are having their first call of the season. Beauties are of good color, but a little scarce.

Various Notes.

Baur & Steinkamp have been sending in some fine blooms of their new red carnation, St. Nicholas.

H. W. Rieman is contemplating the purchase of an automobile for delivery purposes.

E. A. Nelson is redecorating his store room, the woodwork being white enamel.

George Gause, of Richmond, spent a few days in the city last week, attending the Scottish Rite convocation.

George Wiegand made a flying trip to New Castle one day last week.

Alfred Brandt has purchased a Ford automobile for delivery purposes.

Visitors last week were Guy Reburn, with A. Henderson & Co., Chicago; Martin Reukauf, with Bayersdorfer & Co.; J. J. Karins, with H. A. Dreer; James McHutchison, of McHutchison & Co., New York.

Edward Cornelli, who was formerly in business in this city, spent a few days here last week.

B. F. Hensley, of Knightstown, is shipping some good stock into this market.

William Johanson, superintendent of the greenhouses at the Institute for the Blind, was married last week.

The Smith & Young Co. reports business flourishing at their commission house, but stock a little short.

Albert Pittet has a fine lot of sweet peas coming in for Christmas.

H. L. W.

Woonsocket, R. I.—Miss Ella Maillioux, an experienced florist and designer, has opened a store at 99 Main street.

SOME GOOD STOCK

CHINESE PRIMROSES, large 3½-in., double and single, fancy mixed colors, $8.00 per 100.
PRIMULA Obconica, 4-in., fancy mixed in bud and bloom, $5.00 per 100.
ASPARAGUS Sprengeri, large 4-inch plants, $6.00 per 100; good 2½-in., $2.50 per 100.
ASPARAGUS Plumosus, large 2½-in. plants, $3.00 per 100.
ARAUCARIA Excelsa, extra fine plants, 75c. each.
AZALEAS, large plants for Christmas forcing, 75c. each.
RUBBER PLANTS, extra fine, large and healthy, for want of room, $1.00 each.
SMILAX, fine 2½-in stock, $2.00 per 100.
JERUSALEM CHERRIES, 2½-in., $2.50 per 100.
CYCLAMEN, extra fine 3-in. plants, in 6 colors, $7.50 per 100.
GERANIUMS, 2½-in., **Beaute Poitevine, Ricard, Grant, S. A. Nutt, Buchner,** etc., fine stock, $2.50 per 100; $22.50 per 1000; **100,000 on hand.**
BEGONIAS, Flowering, 10 varieties, from 3-in. pots, $4.00 per 100.
FERNS, Boston, Scottii and **Elegantissima,** from pots, fine plants, 10c., 15c. and 20c. each. A bargain; try some.
SNAPDRAGON, white, pink, and yellow; fine stocky 3-in. plants, $5.00 per 100, $45.00 per 1000.
PANSY PLANTS, in abundance; a fine mixed strain, $3.00 per 1000.
CINERARIAS, Fancy Colors, 2½-in., $3.00 per 100; 3½-in., $5.00 per 100.
Marguerites, White and **Yellow,** from 2½-in. pots, $2.25 per 100, $20.00 per 1000.
HELIOTROPE, Light Blue, Dark Blue, White, all large, 2½-in., $2.50 per 100.

Send your order early. Correspondence solicited.

ALONZO J. BRYAN

WHOLESALE FLORIST

Washington, New Jersey

Mention The Review when you write.

Two Splendid New Climbing Roses

Climbing Baby Rambler

(MISS MESSMAN)

This is a climbing form of the well known Baby Rambler, and embraces all its good qualities. A true ever-blooming Crimson Rambler.

Climbing Mme. Welche

A new ever-blooming climbing tea rose of the most promising type. Has all the valuable characteristics of Mme. Welche, from which it is an offspring. A most desirable rose for the Southland.

We have a fine stock of these two excellent roses and invite correspondence for prices, etc.

The Geo. H. Mellen Co.

Innisfallen Greenhouses, SPRINGFIELD, OHIO

Always mention the Florists' Review wher writing advertisers.



MILLER'S GIANT OBCONICAS

are unsurpassable in size of flower and texture of foliage. Always salable when in bloom. The engraving above shows a few of our seed plants last January. Fine, thrifty 3-in. stock, $5.00 100.

CYCLAMEN GIGANTEUM

Fine, thrifty 3-in. plants, showing bud, $5.00 per 100.

Asparagus Plumosus, strong, 3-in., $4.00 per 100 2-in., $2.50 per 100. **Asparagus Sprengeri,** fine, 2-in., $2.00 per 100. **Chinese Primrose,** extra fine, 3-in., $4.00 per 100. **Kewensis Primrose,** sweet-scented, for cut flowers and potted plants, strong, 3-in., $4.00 per 100.

Dracaena Indivisa, extra strong, field-grown stock, 18 to 24 in. high, 3-in., $3.00 per 100; 4-in., $4.00 per 100.

These plants are well grown and will please you. Cash, please.

J. W. MILLER, Shiremanstown, Pa.

Mention The Review when you write.

Christmas Cheer

CARNATION

In bud and bloom, in 5 in. pots, $ 5.00 per doz.
In bud and bloom, in 8-in. pots, 10.00 per doz.

Just the thing for Xmas. Cash with order, please.

HENRY EICHHOLZ, Waynesboro, Pa.

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Double Improved



WHITE KILLARNEY

You will want to grow this rose. **It is good.** It is making new friends every day and is sure to win its place at the head. Excellent for Summer and Winter. **Remember,** it is pure **white.**

We are booking orders now at the following prices:

	Own-root	Grafted
12 plants,	$ 6.00	$ 7.50
25 plants,	10.00	12.50
50 plants,	16.00	18.00
100 plants,	25.00	30.00
250 plants,	60.00	70 00
1000 plants,	200.00	250.00

For larger quantities, write for prices.

We have a large stock already started and can make early delivery.

S. J. REUTER & SON, Inc., Westerly, R. I.

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Asparagus Plumosus, 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Asparagus Sprengeri, 2-in. pots, $2.00 per 100; 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Smilax, 3-in. $4.00 per 100.

Ferns, Boston, Whitmani, Scottii and Scholzeli, 4-in. pots, $2.00 per doz.; 5 in., $3.00 per doz.

Dracaena Indivisa, 3-in. pots, $4.00 per 100.

Daisies, white, Paris, Giant, 2½-in. pots, $3.00 per 100.

Clematis Paniculata, strong plants, 2-yr.-old, $10.00 per 100; 1-yr.-old plants, $5.00 per 100.

Hardy English Ivy, 4-in. pots, $10 00 per 100; 3-in. pots, $5.00 per 100.

C. EISELE

11th & Westmoreland Sts., Philadelphia, Pa.

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PLANTS AND ROOTED CUTTINGS

Daisies, Giant Marg., white and yellow, R. C., 1c; 2-in., 2c; 3-in., 3c. Bellis or Hardy Double Eng ish Daisies, white and pink, $2.00 per 1000.

Dracaena, Indivisa, 2-in., strong, 1½c.

Heliotropes, blue, R. C., ¾c; 2-in., 1½c; 3-in., 3c.

Primulas, Chinese Fringed mixed, and Obc. Grandif. mixed, fine strains, 2-in. need 3's, 1¾c.

Fuchsias, 5 kinds, R. C., 1¼c; 3-in., 3c.

Alternanthera, red and yellow, fall rooted, ½c.

Hollyhocks, double pink, yellow and red, also single mixed, will bloom next season, ¾c.

Canterbury Bells, single mixed. **Gaillardia Grandif.,** ½c. Cash. This stock will surely please you; also the prices.

E. W. BYER, Prop. S. Floral Co.

SHIPPENSBURG, PA.

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MUMS

STOCK PLANTS

	Per 100
Col. Appleton, yellow	$3.00
T. Eaton, white	3.00
R. Halliday, yellow	3.00
Maj. Bonnaffon, yellow	3.00
Early Snow, white	3.00
Virginia Poehlmann, white	3.00

A. L. RANDALL CO.

66 E. Randolph Street, CHICAGO

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FLOWERS - - VEGETABLES

Specialties

Roses	Irises	Asparagus	Lettuce
Peonies	Phloxes	Cabbage	Peppers
Cannas	Tritomas	Egg Plant	Tomatoes
Gladioli	Dahlias	Cauliflower	Celery

Write Us for Descriptive Price List

BLICK FLORAL COMPANY

Dept. G, Norfolk, Va.

Mention The Review when you write.

Plants that will bloom for Christmas

AZALEAS, 12/13, $1.00; 13/14, $1.25; 14/15, $1.50; 16/18, $2.50; 18/24, $3.50 each.

CINERARIAS, 2-inch, $5.00; 3-inch, $8.00; 4-inch, $12.50 per 100.

CELESTIAL PEPPERS, 4-inch pots, $12.50 per 100.

POINSETTIAS, just beginning to show color, 2-inch, $5.00; 3-inch, $10.00; 3½-inch, $12.50; 4-inch, $20.00; 5-inch, $40.00; 6-inch pans, 75 cents.

CYCLAMEN, 2½-inch, $5.00; 3½-inch, $10.00; 4-inch, $20.00.

PRIMROSES in variety, Chinese, Obconica and Forbesi, 2½-inch, $5.00; 3-inch, $8.00; 4-inch, $12.50.

GLOIRE DE LORRAINE BEGONIAS, 3-inch, 20 cents; 4-inch, 30 cents; 5-inch, 60 cents. Luminosa, 2½-inch, $5.00; 3-inch, $10.00; 4-inch, $20.00; 5-inch, $40.00. Rex, 2½-inch, $5.00; 3-inch, $10.00; 4-inch, $25.00. Spiral Rex, 2½-inch, $7.50; 3-inch, $12.50; 4-inch, $25.00.

Other flowering Begonias, 2½-inch, $5.00; 3-inch, $8.00; 4-inch, $12.50. If you want Hydrangeas, Crimson Ramblers, Baby Ramblers, Climbing Baby Ramblers for Easter forcing, send for our list.

GEO. A KUHL Pekin, Ill.

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ANTON SCHULTHEIS, College Point, L. I.

Headquarters for

DECORATIVE and FLOWERING PLANTS

Mention The Review when you write.

LANSING, MICH.

The Market.

The last week has been a busy one for the florists, weddings and funerals using a great deal of stock. Chrysanthemums being used the most, a part of the florists have cleaned up on them, and not many were left for Thanksgiving. Roses and carnations are in good demand and the prices will be higher from now on. Paper Whites and Romans were on the market for the first time this week. Violets are fine this season and are selling well. Stevia is a little scarce but is coming along finely. Poinsettias are showing color and will be fine for Christmas.

Various Notes.

Gurdon B. Smith, proprietor of the Riverside Greenhouses, erected two new greenhouses last summer and had them filled with 10,000 mums, comprising seventy-two varieties. They were the finest lot every grown in the city.

J. A. Bissinger's plant is well filled with the best stock and business is good.

William Krieger will build another house this season, 30x100.

G. Fred Bauerle, the north side florist, has had a good season and reports mums all sold, just a few left for Thanksgiving.

George Riley has had a good season and carnations are fine. Lettuce is doing nicely and will soon be large enough to market.

Miss Ida L. Chittenden, of the Maplewood Violet Co., has a fine showing of plants this season.

LITTLE ROCK, ARK.

Local florists are doing a fine fall business. J. W. Vestal & Son's mums are in splendid shape.

The Cottage Floral Co. was lucky enough not to suffer any loss by the recent cold spell. The mercury fell from summer temperature to that of winter in a few hours. Tipton & Hurst lost 700 mums. H. Meyer, just up from a twelve weeks' severe spell of typhoid fever, lost a full stock of choice plants in three of his greenhouses, besides all his mums. Temporarily he has to give up and arrange with his creditors. His losses are about $3,000. He will come back. L. M. Meyer.

Milton, Del.—Charles G. Jones, secretary of Jones the Holly Wreath Man, says they have had a most successful season, having booked about all the Christmas business that can be taken care of.

Wheeler's
Light Pink Snapdragon
Very early and free, beautiful color.

R. Cameron writes:
(Page 986, The Florists' Exchange)
"James Wheeler exhibited three fine vases of Snapdragon, a pink variety which originated with him; it is most pleasing and more floriferous than any other variety."

Orders booked in rotation.
From 1¼-inch pots $4.00 per 100
CARNATION ENCHANTRESS
Rooted cuttings..... $2.00 per 100; $18.00 per 1000
JAMES WHEELER, Florist, Natick, Mass.
Mention The Review when you write.

The Meredith Flower & Vegetable Co.
Libertyville, Illinois



Meredith

We will save you money, if you will watch this space.
Mention The Review when you write.

FERNS — FERNS
Extra fine in flats or pots, at reasonable prices.
All Bulbs and Plants in season.
F. W. O. SCHMITZ, Prince Bay, N. Y.
Mention The Review when you write.

CARNATIONS
F. Dorner & Sons Co.
LA FAYETTE, IND.
Mention The Review when you write

DAHLIAS
We are growers of the very best; have a large collection to select from. Send for prices.
DAVID HERBERT & SON
ATCO, N. J.
Mention The Review when you write.

Mum Stock Plants
Monrovia, Halliday, Pacific Supreme, Balfour, Ivory, Winter Cheer, Charles Razer, Bonnaffon, Nagoya, Pompons, Quinola, Alma, Clarinda, $1.00 per dozen; $5 00 per 100.
COLLINGDALE GREENHOUSES
COLLINGDALE, PENNSYLVANIA

Always mention the Florists' Review when writing advertisers.

Christmas Plants

AZALEAS.
We have a large stock of early varieties that will be in full bloom at Christmas.
Mme. Petrick — the bright, cheerful color of this variety sells it on sight $0.75 $1.00 $1.50 $2.00 $2.50
Vervaeneana, var.. 1.00 1.50
Pharailde Mathilde, variegated ..... .75 1.00 1.50
Simon Mardner, rose 2.00 2.50 3.00
Deutsche Perle, white 2.00 2.50 3.00

BEGONIA GLOIRE DE LORRAINE
In prime condition
2¼-inch $0.10
4 -inch ..... .35
5 -inch ..... .50
6 -inch ..... .75

GLORY OF CINCINNATI
4-inch $0.50
5-inch ..... .75
6-inch 1.00

LONSDALE
4-inch, extra fine.....$0.50

CYCLAMEN
4-inch .....$0.25 and $0.35
5-inch ..... .50 and .75
6-inch ..... 1.00 and 1.50

POINSETTIAS
3½-inch $0.20
4 -inch ..... .25
6 -inch, very fine, 3 ft..... .60
5 -inch, made up with fern..... .50
6 -inch, made up with fern.....75c and 1.00
7 -inch, made up with fern..... 1.25

PROSERPINE TULIP
6-inch pan, made up with fern.....$0.50
This is the best Christmas seller we have. Sells on sight.

CHINESE PRIMROSES
4-inch .....$0.10.
5-inch ..... .20

PRIMULA OBCONICA
4-inch $0.10
5-inch ..... .25

CHRISTMAS CHERRIES
5-inch $0.30

POT GROWN CHRISTMAS TREES
Nice, small, well shaped trees for table use $0.50

BOXWOOD
Each.....25c, 35c, 50c, 75c, $1.00

ASPARAGUS SPRENGERI
2¼-inch.....$3.00 per 100

ASPARAGUS PLUMOSUS
2½-inch $0.04
3 -inch ..... .08

CROTONS
4-inch $0.35
5-inch .....50c and .75
6-inch 1.00

COMBINATION PLANTS
Combination plants.....$1.50 to $3.50 each

DRACAENA MASSANGEANA
5-inch $1.00
6-inch 1.50
7-inch 2.50
8-inch 3.00

DRACAENA TERMINALIS
4-inch $0.35
5-inch ..... .50

DRACAENA LORD WOLSELEY
4-inch $0.35
5-inch ..... .75

PANDANUS VEITCHII
4-inch $0.50
5-inch ..... .75
6-inch 1.00
7-inch 1.50
8-inch 2.00

PANDANUS UTILIS
2½-inch $0.06

ASPIDISTRAS
Variegated, 5-inch, strong.....$1.25
Green, 6-inch, strong..... 1.00

ARAUCARIAS
Compacta, 5-inch $1.25
Compacta, 6-inch 1.75
Excelsa, 5-inch ..... .50
Excelsa, 6-inch .....75c and 1.00

FICUS PANDURATA
5-inch $0.75
6-inch 1.50
8-inch 3.00

FICUS ELASTICA
4-inch $0.25
5-inch ..... .35
6-inch .....50c and .75
7-inch .....75c and 1.00

NEPHROLEPIS
Scottii, Whitmani, Bostoniensis, Piersoni
4-inch, 15c each; 5-inch, 25c each; 6-inch, 50c each; 7-inch, 75c each; 8-inch, $1.00 each.
Large plants .....$1.50 to $3.00 each
Small ferns for dishes, 2¼-inch.....$3.00 per 100
Small ferns for dishes, 3-inch..... 6.00 per 100

ASPLENIUM NIDUS AVIS
(Bird's nest fern)
5-inch $0.75

CIBOTIUM SCHIEDEI
7-inch $2.00
9-inch 5.00
10-inch tub 7.50

FERN PANS FOR TABLES
5-inch pans $0.30
6-inch pans ..... .35
7-inch pans ..... .50

PALMS
Areca Lutescens, 3-inch, 15c; 4-inch, 25c; 6-inch, $1.00; 9-inch, $5.00; 10-inch tub, $6.00.
Latania Borbonica, 4-inch, 20c; 5-inch, 30c.
Kentia Forsteriana—
4-inch pots.....$25.00 and $35.00 per 100
5-inch pots..... 50.00 and 75.00 per 100
6-inch pots..... 1.00 each
7-inch pots..... 2.50 each. Fine plants.
Kentia Forsteriana—
Combination .....$3.00 to $15.00 each
Kentia Belmoreana—
3-inch pots .....$18.00 per 100
4-inch pots .....$25.00 and 35.00 per 100
5-inch pots ..... 50.00 and 75.00 per 100
Kentia Belmoreana—
Larger plants,.....from $2.50 to $10.00 each
Cocos Weddelliana, 2½-inch pots..$15.00 per 100

JOHN BADER CO., 1826 Rialto Street, **N. S., Pittsburgh, Pa.**

Mention The Review when you write.

Verbenas-Verbenas

Large variety of 2¼-inch stock now ready for shipping.

Fine for use in the south.

J. L. DILLON
BLOOMSBURG, PA.

Mention The Review when you write.

Rooted Cuttings

Begonias, flowering kinds, $1.75 per 100.
Verbenas, 70c per 100; $6.00 per 1000.
Pelargoniums, $2 50 per 100.
Ageratums, 60c per 100; $5 00 per 1000.
Daisies and **Salvias,** $1 per 100; $8 per 1000.
Petunias, $1 25 per 100; $10 00 per 1000.
Coleus, 70c per 100; $6.00 per 1000.
All good varieties and named.
Express paid on all rooted cuttings.
Cash with order.

S. D. BRANT, Clay Center, Kan.

Mention The Review when you write

Julius Roehrs Co.
RUTHERFORD, N. J.
Palms, Plants, Orchids, Etc.
Send for Price List.

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PRIMULAS, FERNS, Etc.

Ferns for Dishes. Assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.
Asparagus Plumosus. 2¼-in. pots, $3.50 per 100; $30.00 per 1000; 3-in. pots, $6.00 per 100.
Primulas. Obconicas, best large flowering strain, strong, 2½-in. pot plants, $3.00 per 100; $25.00 per 1000.
Crotons. 5-in. pots, 75c-$1.00 each; 6-in. pots, $1.00-$1.25 each.
Araucaria Excelsa. 5-in. pots, 50c to 75c each; 6-in. pots, $1.00 to $1.25 each.

Cash with order. 500 at 1000 rate.

FRANK OECHSLIN, 4911 West Quincy Street, CHICAGO, ILL.

Mention The Review when you write

10,000 SELAGINELLA

Elegant for fern dishes, bushy, 2¼-inch.....$4.00 per 100; $35.00 per 1000

G. M. NAUMANN & SON, 10515 Superior Ave., CLEVELAND, O.

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CHAS. D. BALL
GROWER OF
PALMS, ETC.
Send for Price List
HOLMESBURG, - - PHILADELPHIA, PA.

Mention The Review when you write.

G. DREYER
Tel. 228 Newtown
Jackson Ave., **ELMHURST, L. I.**
DECORATIVE PLANTS
SPECIALTIES: Palms, Ferns, Araucarias, Cycas, Pandanus, Lilies.
DREYERII FERN. $25 per 100; $200 per 1000.

Mention The Review when you write.

ERIE, PA.

The Market.

This has been a wet week, with falls of both rain and snow. Choice flowers are plentiful and in great demand. Chrysanthemums are still attracting the most attention and are in evidence everywhere. Lorraine begonias are making an attractive showing as potted plants.

Various Notes.

The Baur Floral Co. held its annual chrysanthemum show last week. The large, beautiful blooms were much admired. The exhibition was largely attended.

Mrs. Daniel Offerle, of Warren, Pa., has returned to her home, after spending the last four weeks with her daughter in this city.

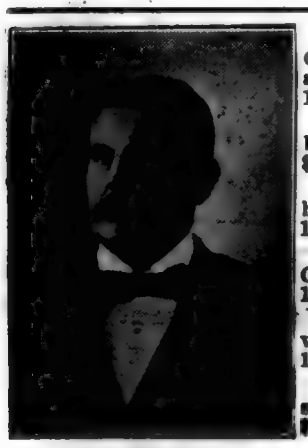
J. T. Cokely, of the Scranton Florist Supply Co., and H. Bayersdorfer, of Philadelphia, were in Erie on business last week. B. P.

LONGMEADOW, R. I.

William C. Pratt & Son, proprietors of the Maplehurst Greenhouses, with a farm and dairy in connection, are just completing a new 3-apartment greenhouse, 28x123, fitted up with a new boiler and ventilating apparatus from the Lord & Burnham Co. They have carnations, sweet peas, pansies, tomatoes, lettuce and cauliflower already in the house, and expect to grow some cucumbers during the winter. They will use the old greenhouse for a starting house for spring bedding plants, of which they make a specialty. They have about finished marketing their mums. E. A. Mallette, for several years the florist at Rhode Island College, Kingston, R. I., has been with Pratt & Son since October 1, as florist and general manager of the greenhouses. The firm has its own herd of cows, and in that way has a good supply of fertilizer for the compost. The milk and cream are sold locally.

Hartford, Wis.—F. Rhodes is successor to C. B. Tremain.

Decatur, Ill.—During the cold wave of November 12 to 13, one of the boilers at the greenhouses of Daut Bros. suddenly went out of commission. Philip Daut went to the John C. Moning Co., Chicago, and there purchased another boiler, which was shipped and installed without loss of time and is working finely. The storm broke a few panes of glass at Daut Bros.' place November 12. Several hundred lights were also smashed by hail at John Bommersbach's houses on the same date.



Ageratums—Stella Gurney, Little Blue Star and Imperial White, 60c 100, $5.00 1000, prepaid.

Alternantheras—Red and yellow, 60c 100, $5 00 1000, prepaid.

Coleus—All of the best named varieties, 70c 100, $6 00 1000, prepaid.

Feverfew—Little Gem, $1.25 100, $10.00 1000, prepaid.

Fuchsias—All named varieties, $1.50 100, $12.00 1000, prepaid.

Verbenas—The best select varieties, 70c 100, $6.00 1000.

C. HUMFELD, Clay Center, Kan.

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Miscellaneous Greenhouse Plants

FOR IMMEDIATE SHIPMENT

Special Prices Made on Large Lots

	2-in. per 100	3-in. per 100
Abutilon Savitzii		$3.00
Achyranthes Emersoni		3.00
Alternanthera, 6 varieties	$2.00	
" Jewel	3.00	4.00
Begonia Vernon	2.00	3.00
Coleus, 12 varieties	2.00	3.00
" Brilliancy	3.00	4.00
Hardy English Ivy	2.00	3.00
Heliotrope, 5 varieties	2.00	
Geraniums, standard varieties	2.00	3.00
" ivy leaved and scented	2.00	3.00
" Silver-leaf Nutt and Mt. of Snow	3.00	4.00
Lemon Verbena, Aloysia Citriodora	2.00	3.00
Lobelia Kathleen Mallard	2.00	
Lantanas, 12 varieties	2.00	3.00
Moonvine, white	2.00	3.00
Petunias, double fringed, mixed	2.00	3.00
Salvias, Bonfire and Zurich	2.00	3.00
Parlor Ivy, Senecio Scandens	2.00	3.00
Swainsonas, Alba and Rosea	2.00	3.00
Tradescantia Zebrina Multicolor	2.00	3.00
Verbenas, red, white and variegated	2.00	3.00

Cash with order, please.

R. Vincent, Jr., & Sons Co., White Marsh, Md.

Mention The Review when you write.

Seasonable Stock

Fern Dish Ferns, heavy 2¼-in. pot plants, $3 00 per 100; $25.00 per 1000.
Asparagus Plumosus, 2¼-in. pots..... 3.00 per 100; 25.00 per 1000.
Asparagus Sprengeri, 2-in. pots.....$2.00 per 100.
Boston Ferns,..... ..... 5-in. pots, $25.00 per 100; 6-in. pots, $40.00.
Cocos Weddelliana, grand 2½-in. stock .....$10.00 per 100.
Kentia Forsteriana, for decorating, 8-in. tubs, 40 to 44-in. high, $4.00 each; 8-in. tubs, 44 to 48-in. high, $5.00 each.
Hydrangea Otaksa, fine pot grown stock, 4-in., 2 and 3 shoots, $15.00 per 100; 5-in., 2 and 3 shoots, $20.00 per 100; 6-in., 3 to 5 shoots, $35.00 per 100.
Hydrangea Otaksa, field grown. Extra specimens, for large tubs, 12 to 15 shoots, $1.00 each.
Genista Racemosa..... ..... 6-in. pot plants, $25.00 per 100.
Gladioli, Blushing Bride and The Bride, 60c per 100; $5.00 per 1000.
Tulips, single. Superfine mixture, 70c per 100; $6.00 per 1000. Named colors, red, white, rose and yellow, 80c per 100; $7.00 per 1000.
Tulips, single. Darwin, special mixture, 90c per 100; $8.00 per 1000. Gesneriana, Macrophila (scarlet), 80c per 100; $7.50 per 1000.

The Storrs & Harrison Co., - Painesville, Ohio

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Aschmann Bros., The Hustlers

NEPHROLEPIS Bostoniensis, 7-in. pots, 75c., 5½-in. pots, 40c each.
NEPHROLEPIS Scottii, 7-in. pots, 75c., 5½-in. pots, 35c. each.
NEPHROLEPIS Whitmani, 7-in. pots, 75c., 5½-in. pots, 35c. each.
NEPHROLEPIS Scholzeli, 5½-in. pots, 35c. each.
ADIANTUM Hybridum, 4-in. pots, 15c., 3-in. pots, 7c. each.
DISH FERNS, 2½-in. pots, $4.00 per 100. Good assortment.
Our Ferns are all pot-grown, not lifted, and will keep good in store.
PRIMULA Obconica, 4-in., $1.50 doz., 5-in., $2.00 doz. In bloom.
BEGONIA LORRAINE and Lonsdale, in bud and bloom, 6-in. pots, 50c. and 75c. each.
COCOS Weddelliana, 3-in. pots, $2.00 per doz.
ARAUCARIA Excelsa, fine specimen plants in 7-in. pots, 5 to 6 tiers, 30 to 42 inches high, $1.25 and $1.50 each. 5½-in. pots, 3 to 4 tiers, 40-50-75c.-$1.00 each.
ASPARAGUS Plumosus, 4-in. pots, $8.00 per 100; 3-in. pots, $5.00 per 100.
RUBBER PLANTS, 5½-in. pots, 18 to 24-inches high, 40c. each.
PRIMULA Chinensis, 4-in. pots, $8.00 per 100.
CYCLAMEN, 4-in. pots, fine stock, 25c. each; 6-in. pots, 75c., very fine.

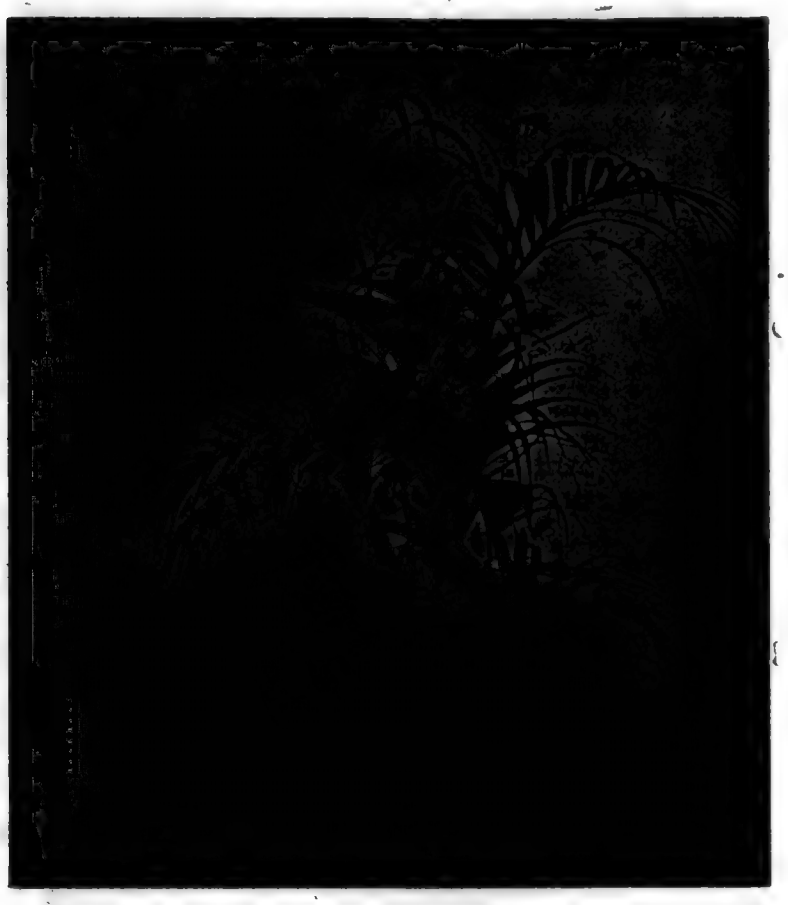
Cash with Order.

ASCHMANN BROS., Second and Bristol Streets and Rising Sun Avenue, Philadelphia, Pa.

Mention The Review when you write.

Dreer's Special Kentia Values

An immense stock of sizes noted below in prime condition and full values.



KENTIA BELMOREANA

		Doz.	100	1000
2¼	-in. pots, 4 leaves, 8 to 10 inches high	$1.50	$10.00	$90.00
6	-in. pots, 6 leaves, 24 inches high		$1.00 each	
6	-in. pots, 6 to 7 leaves, 28 to 30 inches high		1.50 each	
7	-in. tubs, 6 to 7 leaves, 42 to 45 inches high		4.00 each	
11	-in. tubs, 6 to 7 leaves, 48 inches high		8.00 each	

KENTIA FORSTERIANA

		Doz.	100	1000
2¼	-in. pots, 4 leaves, 8 to 10 inches high	$1.50	$10.00	$ 90.00
3	-in. pots, 4 to 5 leaves, 12 to 15 inches high	2.00	15.00	140.00
4	-in. pots, 5 to 6 leaves, 15 to 18 inches high	5.00	40.00	
6	-in. pots, 6 leaves, 28 to 30 inches high		$ 1.00 each	
6	-in. pots, 6 leaves, 34 to 36 inches high		1.50 each	
7	-in. pots, 6 to 7 leaves, 38 to 40 inches high		2.50 each	
8	-in. tubs, 6 to 7 leaves, 48 inches high		5.00 each	
10	-in. tubs, 6 to 7 leaves, 4½ to 5 feet high		6.00 each	
11	-in. tubs, 6 to 7 leaves, 5 to 5½ feet high		8.00 each	
10	-in. tubs, 6 to 7 leaves, 5½ to 6 feet high		10.00 each	
11	-in. tubs, 6 to 7 leaves, 6 feet high		15.00 each	

KENTIA FORSTERIANA—Made-up Plants

7-in. tubs, 3 plants in a tub, 36 inches high	$ 2.50 each	
8-in. tubs, 3 plants in a tub, 40 to 42 inches high	4.00 each	
8-in. tubs, 3 plants in a tub, 42 to 45 inches high	5.00 each	
8-in. tubs, 3 plants in a tub, 4 feet high	6.00 each	
9-in. tubs, 3 plants in a tub, 4½ feet high	8.00 each	
10-in. tubs, 3 plants in a tub, 5 feet high	10.00 each	
12-in. tubs, 3 plants in a tub, 5½ feet high	15.00 each	
14-in. tubs, 3 plants in a tub, 6 feet high, heavy	20.00 each	

Consult our Special Offer of October 12th for anything else that you may require in the Decorative line. If you did not receive it, write us.

Dahlias—If you are interested in these either as a grower of cut flowers or if you issue a catalogue, consult our Special Wholesale Dahlia Catalogue, which describes over 200 up-to-date varieties at interesting prices for early orders.

HENRY A. DREER, 714 CHESTNUT ST., PHILADELPHIA, PA.

THE ABOVE PRICES ARE INTENDED FOR THE TRADE ONLY.

Mention The Review when you write.

Ferns, Cyclamen, Hydrangeas

Remember us for Ferns in var'ety. We have an excellent lot of **Boston Ferns, Plumosus** and the new **Roosevelt.**

We are now ready to ship excellent **Cyclamen Seedlings** in 6 varieties, separately labeled, at $1.50 per 100; $12 50 per 1000. Very good imported strain.

We also solicit your orders for **Hydrangeas** for forcing, at 15c and 25c.

Yours for fairness.

D. U. Augspurger & Sons Co.

PEORIA, ILL.

Mention The Review when you write.

FERNS FERNS

Bargain in Scholzeli and Whitmani. Very fine, 4-inch, at.....$12.50 per 100

CYCLAMEN

Fine, in bud and bloom
4-in., at 25c; 5-in., at 50c; 6-in., at 75c

Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Mention The Review when you writ

JOHN SCOTT

Rutland Road and E. 45th St.,

BROOKLYN, N. Y.

Palms, Ferns and Decorative Plants

Mention The Review when you write.

AZALEAS

We offer strong plants, nicely budded, short standards and well shaped heads in the leading late and medium-early varieties, 10 to 12-inch, $5.00 per dozen, $40.00 per 100; 12 to 14-inch, $6.50 per dozen, $50.00 per 100; 14 to 16-inch, $8.50 per dozen, $65.00 per 100.

Early sorts sold out.

SPIRAEA, Gladstone, $1 35 per doz.; $9.50 per 100,
Queen Alexandra, $1.50 per doz.; $11.00 per 100.
Other standard sorts, 85c per doz.; $6.00 per 100.

ASPARAGUS SPRENGERI SEED, 15c per 100; 65c per 1000; $2 50 per 5000 seeds.

Write for surplus Bulb List. Will quote bargains.

CURRIE BROS. CO., 108 WISCONSIN ST., 312 BROADWAY, **MILWAUKEE, WIS.**

Mention The Review when you write.

FERNS---ROSES ....BEGONIAS....

Amerpohlii, Barrowsii, Scottii, Elegantissima, Boston, Jacksoni, Piersoni, Sword, Whitmani, 2½-in. pots, $4.00 per 100; 4-in., $15.00 per 100.

Rex Begonias, assorted varieties, 3-in. pot plants, $5.00 per 100; $45.00 per 1000.

Roses our specialty. Ask for quotations.

The Dingee & Conard Co., West Grove, Penna.

Mention The Review when you write.

Boston Ferns

Nice 4-inch plants, $15.00 per 100.

Cash with order or good references.

F. S. SMITH

330 W. 38th St., Indianapolis, Ind.

Mention The Review when you write.

ORCHIDS

Cattleyas, Laelias, Vandas

Clearance sale for 1912 of **established plants, ready to flower.** Send for catalogue. We are taking advance orders for spring delivery.

G. L. FREEMAN, Wellfleet, Mass.

Mention The Review when you write

ORCHIDS

Greatest quantity and variety in the country, and for all purposes. We are now booking orders for **freshly** imported stock for next year. Write for prices.

LAGER & HURRELL, Summit, N.J.

Mention The Review when you write.

HYDRANGEA OTAKSA

FOR EASTER and DECORATION DAY

Six-inch, pot grown, well branched and set with flower buds.

OTAKSA, with 5 and 6 Branches, $20.00 per 100; 4 branches, $15.00 per 100. **SOUVENIR DE CLAIRE,** fine pink, same color as Gloire de Lorraine Begonia, 7 to 10 branches, $25.00 per 100.

AZALEAS 10 to 12-inch crowns, $5.00 per doz.
12 to 14-inch crowns, 6.00 per doz.

TULIPS La Reine, highest forcing quality, $5.00 per 1000. Send for surplus list of **BULBS, contains some very special low clean-up prices.**

JACKSON & PERKINS COMPANY, WHOLESALE FLORISTS AND NURSERYMEN Newark, Wayne Co., New York State

Mention The Review when you write.

DETROIT.

The Market.

Last week started out well, but toward the end of the week things become dull, causing stock, especially mums, to pile up at the wholesale houses. This is the first time this season that stock has been too plentiful.

Monday of this week opened up well and every indication pointed toward a big Thanksgiving trade. Stock was never of better quality, carnations and roses being exceptionally fine. Violets are good and selling readily, and many fine sweet peas arrive at intervals and are soon disposed of.

Southern smilax is as popular as ever. The first dogwood berries appeared on the scene Monday, and ere we realize it we will be selling poinsettias, holly, mistletoe, etc., for Christmas is less than four weeks away.

Various Notes.

A slick looking man walked into the store of the Scribner Floral Co. Monday morning and asked if he might use the phone. Proprietor Robert Jean said "help yourself," and the stranger did to the tune of $22.25. He pretended to be unsuccessful in getting a number he called for on the phone and then as soon as the opportunity presented itself, emptied the cash register.

Chas. Plumb's houses abound in blooming plants for Christmas, and soon the same plants will be seen scattered about the different flower stores. The begonias and poinsettias are especially fine.

B. Schroeter is showing some well grown poinsettia plants in his window.

Breitmeyer featured carnations at 40 cents per dozen last Saturday, this being the day of their weekly sale.

William Dilger, manager of the rose and carnation show, requests publication of the following notice: "All growers who intend to exhibit at the show in Detroit January 10 to 12 are requested to mail copy to be used on display banners 3x8 feet to William Dilger, 40 Broadway, Detroit, at the same time enclosing check for $10 to cover cost of painting." H. S.

Sedalia, Mo.—The Archias Floral Co. has been making extensive improvements in its Main street store, to facilitate the handling of stock from the firm's greenhouses, at Fourth street and Park avenue.

Heacock's Palms and Ferns

HOME-GROWN—STRONG AND HEALTHY

While our sales have been much heavier than ever before, we are still strong on the following sizes:

Areca Lutescens

	Plants	Height	Each
7-in. pot	3 in pot	36 in.	$2.00
8-in. pot	3 in pot	42 in.	3.00
9-in. cedar tub	Several in tub	48 to 54 in.	5.00
9-in. cedar tub	Several in tub	5 ft.	7.50

Kentia Belmoreana

	Leaves	Height	Each	Doz
2½-in. pot	4	8 to 10 in.		$ 1.50
3-in. pot	5	12 in.		2.00
5-in. pot	6 to 7	18 in.	$0.50	6.00
6-in. pot	6 to 7	24 in.	1.00	12.00
7-in. cedar tub	6 to 7	34 to 36 in.	2.50	30.00
7-in. cedar tub	6 to 7	36 to 38 in.	3.00	36 00
9-in. cedar tub	6 to 7	40 to 45 in.	4.00	48.00
9 in. cedar tub	6 to 7	42 to 48 in.	5.00	
9-in. cedar tub	6 to 7	48 to 54 in.	6.00	

Cocos Weddelliana

		Per 100
2½-in. pot,	8 to 10 in. high	$10.00

Made-up Kentia Forsteriana

	Height	Each	Doz.
7-in. cedar tub, 4 plants	16 in	$2.50	$30.00
7-in. cedar tub, 4 plants	36 to 40 in.	3.00	36.00
9-in. cedar tub, 4 plants	40 to 42 in.	4.00	48.00
9-in. cedar tub, 4 plants	42 to 48 in.	5.00	60.00

Phoenix Roebelenii

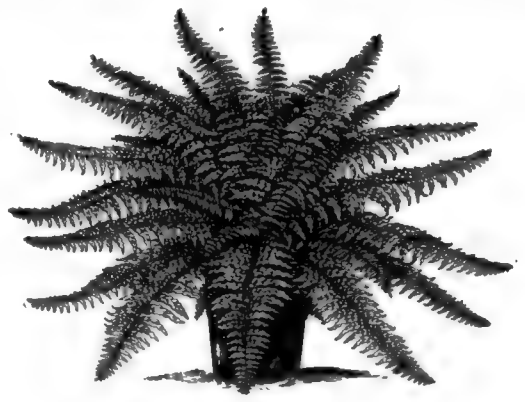
	Each
5-in. pot, nicely characterized	$1.00
6-in. pot, 18 to 20-in. spread	1.50
7-in. cedar tub, 18 in. high, 24-in. spread	2.00

Cibotium Schiedei

9-in. cedar tub, 4-ft. spread	4.00
9-in. cedar tub, 5-ft. spread	5.00
9-in. cedar tub, 5 to 6-ft. spread	6.00

Joseph Heacock Co., Wyncote, Pa.

Railway Station, JENKINTOWN



ROOSEVELT.

	2½-in. 100	4-in. 100	5-in. 100	6-in. 100
Boston	$3.50	$12.00	$25.00	$40.00
Whitmani	3.50	12.00	25.00	40.00
Todeaoides	3.50	12.00	25.00	40.00
Scottii			25.00	40.00

Asparagus Plumosus, 2-in., $2.00 per 100; $18.00 per 1000; 2½-in., $3.50 per 100; $30.00 per 1000; 3-in., $5.00 per 100; $45.00 per 1000.

	Per 100
Coleus Christmas Gem	$2.50

Roosevelt Ferns

This fern will undoubtedly take the place of Boston in the near future. It is a faster grower, makes twice the runners and finishes up into a large plant in shorter time. 2½-inch, $2.50 per dozen; $17.50 per 100; $150.00 per 1000.

	Per 100
Violets, Wales	$2.50
German Iris, Florentina Alba, earliest large-flowering Iris	2.50
Iris Pallida Dalmatica, lavender, shaded blue	8.00

Clematis Paniculata, 2-in., $2.50 per 100; $20.00 per 1000; field, 1-year, $4.00 per 100; 2-year, $8.00 per 100.

Phlox Miss Lingard, field clumps, $4.00 per 100; $35.00 per 1000.

THE REESER PLANT CO., Exclusively Wholesale Plantsmen SPRINGFIELD, OHIO

PREPARE FOR THE HOLIDAYS!



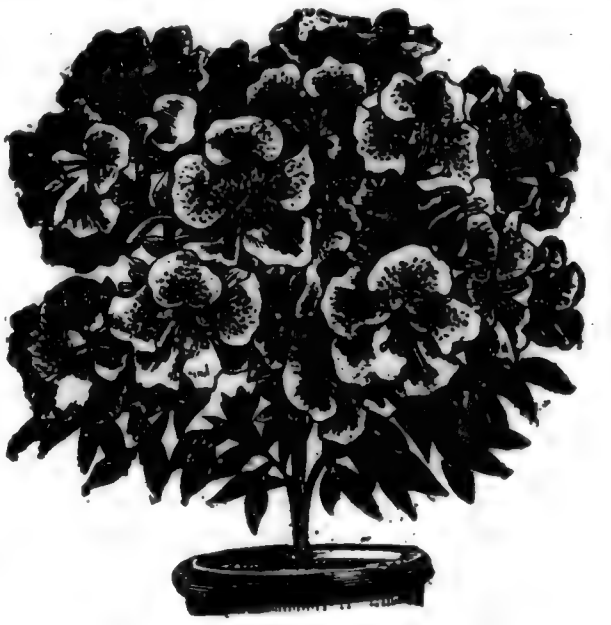
SEVENTY-FIVE CASES of Holiday Azaleas for Christmas, Kentia Palms, Latania Borbonica, etc., and to make the importation complete—**a whole consignment** of our so well-known specialty, the **Araucaria Robusta Compacta, Excelsa Glauca** and **Excelsa,** just arrived per S.S. Menominee October 23, from Belgium. These, together with the already immense stock of Holiday Plants, will place the so well-known firm of Godfrey Aschmann in first rank in importing, growing and shipping of Holiday Plants.

CHEAP

GOOD

RELIABLE

Therefore, don't be deceived—be on the lookout! Buy only from the man who is well known to be in a position to give you **GOOD BARGAINS AND GOOD STOCK.**



ARAUCARIA EXCELSA

With Xmas approaching there is always a big demand for **Araucaria Excelsa.** What looks nicer at Xmas time than an Araucaria properly dressed up with a nice pink, red or lavender ribbon, tied around the plant about half way up? It is a good keeper and keeps its beautiful evergreen foliage (tiers) green and perfect for years; when all other plants are withered, the Araucaria is in full glory, admired by all in the family. We are well prepared for the Araucaria orders and are the leaders, as we have always been for the last 25 years. 6000 can be seen in our greenhouses. all sizes and prices. 5¼ to 5½-in., 3-year-old, 12, 15 to 20-in. high, 3 to 4 tiers. only 35c, 40c and 50c; 6-in., 4-year-old, 20, 22, 25 to 30-in. and over in height, 4 5 and 6 tiers. 60c, 75c. $1.00 to $1.25; specimen plants, 7-in., 30, 35 to 40-in. high, 5 to 6-year-old, 6, 7 to 8 tiers, green from bottom up, at a bargain price seldom offered; just look, only $1.50 to $2.00. Worth double. Will you let such a bargain pass unnoticed?

AZALEAS

We have 1000 ready, forced by ourselves into bloom for Xmas. Vervaeneana, Simon Mardner, Mme. Petrick and Deutsche Perle. If you want any in bloom for Xmas, please order them in time. 75c, $1.00, $1.25, $1.50 to $2.00.

What F. J. Michell, of the well-known Seed House, Henry F. Michell Co., of Philadelphia, said:

"Have just visited the greenhouses of Godfrey Aschmann, and must say that it was indeed a great surprise to me—**I have never seen a better lot of Araucarias, Azaleas, Ferns** and other plants of all sizes and prices than are at Mr. Aschmann's."

Leader in Azalea Indica, Begonia Gloire de Lorraine, Palms, Etc.—Lead you into wealth.

CAN HANDLE LARGEST ORDER ON SHORT NOTICE

Blooming Azaleas for Christmas, now showing color and getting cooled off gradually, right for transportation. Bear in mind that only the best, healthiest plants, that stand forcing, can be selected for Xmas forcing, therefore we have nothing cheaper than 75c. Deutsche Perle, full of buds. at 75c, $1.00, $1 25, $1 50 to $2.00 each. Simon Mardner, early, deep, double pink variety, 75c, $1 25, $1.50 to $2.00 each. Vervaeneana, large double variegated, 75c $1.00, $1.25, $1 50 to $2.00 each. Mme. Petrick, pink, double flowers, full of buds and never fails to bloom, 75c, $1.00, $1.25, $1.50 to $2.00 each.

Easter Varieties. Mme. Van der Cruyssen, pink (very scarce this fall in Belgium), 75c, $1.00, $1.25, $1.50 to $2.00 each. Niobe, double white. We have a large stock of this, 40c, 50c, 60c, 75c, $1.00, $1.25, $1.50 to $2.00. Deutsche Perle, 50c, 60c, 75c, $1.00, $1.25, $1.50 to $2.00. Helene Theleman, light pink, $1.00, $1.25, $1.50 to $2.00. President Oswald de Kerchove, $1.00, $1.25 to $1.50. Schryveriana and Empress of India, large, double variegated, 50c, 75c, $1.00, $1.25, $1.50 to $2.00. Professeur Wolters, 50c, 60c, 70c, $1.00 to $1.50. Simon Mardner, 60c, 75c, $1.00, $1.25 to $1.50. Vervaeneana and Apollo, 60c, 75c, $1.00, $1.25, $1.50 to $2.00; dozen or 100 at same prices. Simon Mardner, Vervaeneana, Deutsche Perle, smaller size, 40c, 50c up to $2.00. Also a few more of the best varieties.

Just Arrived with the azaleas a fine consignment of **Latania Borbonica,** in first-class condition. **Perfect foliage,** 8 good leaves—height given in consular invoice, 35 to 40 inches, fit for 7 and 8-in. pots, $1.50 to $2.00. **Combination Latania Borbonica** (3 plants), 6-in. pots, 25 to 30 in. high, forming a bush of about 14 leaves, which give them an attractive appearance, $1.00 to $1.25.

We have the stock—the best obtainable in Belgium—of **Araucaria Robusta Compacta** and **Excelsa Glauca;** short, bushy jewels—none better in the world. 6-in. pots, $1.00, $1.25 and $1.50.

Kentia Forsteriana, in fine shape, 5½ to 6-in. pots, 4, 5 and 6-year-old, 30, 35, 40 and 45 inches high, 75c, $1.00, $1.25, $1.50, $2.00 to $2.50; 4-in., 30c.

Kentia Belmoreana, 5; 6 to 7-year-old, 5, 5½, 6 to 7-in. pots, 50c, 75c, $1.00, $1.25, $1.50 to $2.00 each; 4-in., 25c.

Kentia Belmoreana, which came on the same steamer as azaleas, are potted off combination plants (made up with 3 plants), 22 to 25 inches high, having 12, 13 to 15 leaves to a pot (in 6-in. pots), 50c, 60c, 75c to $1.00, according to height; still larger sizes, $1.00, $1.25 to $1.50; single plants, 5 leaves, 22 to 25 in. high, stocky 5¼ to 5½-in. pots, only 50c, worth 75c.

Sago Palms, ready now, 6, 7 to 8-in. pots, 9 to 13 leaves, 12c per leaf.

Asparagus Plumosus, 2½-in., 3c; 3-in., 5c; 4-in., 10c and 15c.

Leader in Ferns—Scottii, Scholzeli, Whitmani and Boston. 6 houses stocked with them; 10,000 in all sizes and varieties now ready, never before better than this year; 5, 5½ in., 25c, 35c; 6 and 7-in., as big as a bushel basket, only 50c, 75c to $1.00. **Scottii, Whitmani, Scholzeli,** 4 in., 15c to 20c; fine to grow on. **Giatrasii,** 4-in., 20c; 5-in., 25c and 30c. Our ferns are all pot grown—not lifted from benches.

Ferns. Cordata Compacta, 4-in., 15c to 20c.

Ferns for dishes, big assortment, 2½-in. pots, $4.00 per 100; 3-in., $5.00 per 100.

Asparagus Sprengeri, large, 4-in. pots, 15c; medium, 4-in., 10c; 2½-in., $3.00 per 100.

Hydrangea Otaksa, pot-grown, 6-in., 25c, 35c to 40c; 7-in., 50c. Only pot-grown, will force successfully for Easter.

Begonia Gloire de Lorraine. This is another of our specialties. We have a secret in growing them to perfection, only known to us, giving them a rich, deep color; stand shipping well, traveling 2,000 to 3,000 miles without the least bit of injury if properly handled. We have a big house full in No. 1 condition, 6 to 7-in. sizes, in bud and partly in bloom, ready for immediate sale or for the holidays. Everybody knows that last Christmas we had the best Begonia Gloire de Lorraine in the market. They were crackerjacks, indeed! We have the deep pink and the light pink (Lonsdale) varieties, 6-in. pots, 50c, 75c, $1.00; 3-in., 12c to 15c. If you have room order now, because they are always scarce at Xmas.

Begonia Erfordii, newest improved strain. This variety is always in bloom during the whole winter, Xmas and Easter, 4-in. pots, in bud or bloom, 20c; 5¼-in., 25c to 30c.

Begonia Glory of Cincinnati, 5½ to 6 and 7-in. pots, 40c, 50c, 75c, $1.00 to $1.50.

Solanum or Jerusalem Cherries, our well-known prize strain, the multiflorum, 6-in., 25c, 35c, 40c to 50c. Never were so fine as this year, just right for Xmas; big plants, full of ripe red berries and with green berries ripening on.

Cineraria Hybrida, Aschmann's well-known strain, 2½-in. pots, $3.00 per 100; 3-in., $5.00.

Primula Obconica, 5½-in., in bloom, 25c.

Primula Chinensis, John Rupp's best strain, 4-in., 10c; 5-in., 20c.

Shasta Daisies, pure white, 2½-in. pots, $3.00 per 100; seedlings, $1.00 100.

Poinsettias in prime condition for Xmas, in bloom; 3-in., short, stocky, suitable for filling pans, 15c; 4-in., also suitable for filling pans, 25c; 5½ to 6-in. pots, all pot grown, single or branched plants, medium height, 35c, 40c and 50c per plant.

Wilsoni Ferns, 3 plants in a 6-inch pan, very bushy, 25c to 35c per pan.

Adiantum Hybridum, the new improved beautiful maidenhair fern. Large 4-in., 15c; medium 4-in., 10c; large 3-in., 8c.

Cocos Weddelliana, made up of 3 plants, 4 to 5-in. pots, 30c, 40c to 50c; 3-in., single, 15c; 4-in., single, 25c.

Areca Lutescens, 4-in., made up of 3 plants, 20c to 25c; 5¼-in. pots, 24-in., 35c.

Ficus Elastica (Rubber Plant), 5¼-in., 25c; 5½ to 6-in., 20, 25 to 30-in. high, 35c, 40c, 50c; 7-in., all staked up, 35 to 40 in. high, 75c to $1.00. We have the finest rubbers in the country.

Cyclamen Grandiflorum, 4-in. pots, 25c; 5¼-in., 35c.

All plants 25 at 100 rate. Cash with order, please. All plants must travel at risk of purchaser only.

GODFREY ASCHMANN, 1012 W. Ontario St., PHILADELPHIA, PA.

WHOLESALE GROWER, IMPORTER AND SHIPPER OF POT PLANTS

Classified Ad Department



Rate for advertising in this department 10 cents a line net, per insertion.

ACHYRANTHES.

ACHYRANTHES, 2-IN. POTS.

Metallica .....$2.00 per 100
Panache de Bailey..... 2.50 per 100
Lindenii ..... 2.00 per 100
Warscewiczii ..... 2.00 per 100

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Achyranthes Lindenii and Emersonii. Rooted cuttings, $1.00 per 100; 2½-in., 2½c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

500 2-in. achyranthes, $2.00.
Mercer Floral Co., Bowling Green, O.

ADIANTUMS.

Adiantum cuneatum, 2½-in., $3.50 per 100; 4-in., $8.00 per 100.
Geo. H. Mellen Co., Springfield, Ohio.

Adiantum Farleyense, strong plants, 4-in., $4.00 to $5.00 per doz. Cash, please.
Rober & Radke, Maywood, Ill.

100 Adiantum Croweanum, fine stock in 5-in., 20c. Cash. F. E. Cremer, Hanover, Pa.

Adiantum Croweanum, 3-in., $15.00 per 100.
Johnson Floral Co., Kendallville, Ind.

AGERATUMS.

AGERATUMS.

Stella Gurney, 2-in.....$2.00 per 100
Princess Pauline, 2-in..... 2.00 per 100

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Ageratum Little Blue Star, rooted cuttings, 50c 100, $4.00 1000; 2-in., in bloom, 2c. Cash. Mail, 10c per 100.
W. E. Trimble Greenhouse Co., Princeton, Ill.

ALTERNANTHERAS.

ALTERNANTHERA JEWEL.

Stock plants, 2½-in., $20.00 per 1000; rooted cuttings, $10.00 per 1000. This is by far the finest alternanthera in sight, and you should stock up now for spring sales.
Chas. H. Totty, Madison, N. J.

Alternantheras, red and yellow. Rooted cuttings, $5.00 per 1000. By mail, 10c per 100 extra. Cash with order.
R. S. McMurray, Bellefontaine, O.

Alternantheras, yellow. Rooted cuttings, $5.00 per 1000. Cash.
West Side Greenhouses, Barberton, O.

Alternantheras, red and yellow. Rooted cuttings, 50c per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Alternantheras, red and yellow, R. C., 50c per 100. M. E. Wyatt, Watseka, Ill.

ALYSSUM.

Alyssum, double giant, 2¼-in., 2c. Rooted cuttings, 50c per 100, $4.00 per 1000; if by mail 10c per 100 extra. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

AMPELOPSIS.

AMPELOPSIS VEITCHII.
Boston Ivy.

Extra strong 3-yr. transplanted, heavy 2½ to 4 ft. tops and roots, $2.00 per doz., $12.00 per 100. 2-yr. transplanted, 18 to 24-in. tops, well rooted, $1.00 per doz., $5.00 per 100. Strong 1-yr., 18 to 24-in. tops, $1.50 per 25; $2.00 per 50, by mail; $3.00 per 100, $25.00 per 1,000 by express. Chas. Black, Hightstown, N. J.

Ampelopsis Veitchii, transplanted and extra fine, 2½ to 4 ft. tops, $1.50 per doz.; $9.00 per 100. Southside Nurseries, Chester, Va.

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Anthericum variegatum, strong plants, 3-in., 3c; 5-in., 10c. H. G. Norton, Perry, O.

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ARAUCARIA EXCELSA.

6-in. pots.....each, $1.25

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Of the Geo. Wittbold Co.,
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Araucaria excelsa, 5-in. pots, 50c to 75c each; 6-in. pots, $1.00 to $1.25 each. Cash with order.
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Asparagus plumosus. We offer extra strong, bushy plants from 2½-in. pots at $3.00 per 100; $27.50 per 1000. Many 4-in. plants sold are not as strong. A. Sprengeri of same quality, $2.50 per 100; $22.00 per 1000.
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ASPARAGUS BASKETS.
$1.00, $1.50 and $2.00 each.

Pots.	ASPARAGUS PLUMOSUS.	Doz.	100
2-in.	.....	...	$3.00
3-in.	.....	$1.00	8.00

ASPARAGUS SPRENGERI.

Pots.		Doz.	100	1000
3-in.	.....	$0.75	$ 6.00	$50.00
4-in.	.....	1.50	10.00	80.00

500 at 1000 rate.

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
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"FULL OF LIFE," STRONG, HEALTHY STOCK

			Select 100	1000
Asparagus plumosus nanus.		2½-in.	$2.75	$25.00
Asparagus plumosus nanus.		3-in.	6.00	....
Asparagus plumosus nanus.		4-in.	15.00	....
Asparagus Sprengeri	.....	2½-in.	2.50	22.50
Asparagus Sprengeri	.....	3-in.	5.00	....
Asparagus Sprengeri	.....	4-in.	8.00	....

Cash. Prompt express shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses, Rockford, Ill.

Asparagus plumosus, extra strong healthy stock ready for shift, 2¼-in., $2.50 per 100, $22.00 per 1000; 3-in., $5.00 per 100.
Asparagus Sprengeri, strong plants ready for shift, 2¼-in., $2.00 per 100, $17.00 per 1000; 3-in., $3.00 per 100. Strong seedlings, $1.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Asparagus plumosus, big, strong plants, 2½-in., $4.00 per 100, $35.00 per 1000; 3-in., $6.00 per 100, $50.00 per 1000. A. plumosus seedlings, fine stock, $1.00 per 100. A. Sprengeri, 2½-in., $4.00 per 100; $35.00 per 1000.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Asparagus plumosus from 3-inch pots, express prepaid, $4.50 per 100; extra large plants from the field, good for 8 to 10-inch pots, $22.50 per 100. Cash with order.
Diamond Hill Nursery,
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Asparagus plumosus nanus, transplanted, ready for potting, $1.50 per 100; $12.50 per 1000. 250 at 1000 rate. Cash with order, please.
B. Soltau Fernery,
199 Grant Ave., Jersey City, N. J.

Asparagus plumosus, to close out, 3-in., ready for 4 and 5-in., $5.50 per 100; $50.00 per 1000. Asparagus Sprengeri, 3-in., ready for 5-in., $5.00 per 100; $45.00 per 1000.
Swan Peterson Floral Co., Gibson City, Ill.

Asparagus plumosus nanus, 2½-in., $2.50 per 100, $22.50 per 1000; 3-in., $6.00 per 100; 4-in., $8.00 per 100. A. Sprengeri, 2½-in., $2.50 per 100; $20.00 per 1000; 4-in., $7.00 per 100.
Geo. H. Mellen Co., Springfield, Ohio.

Aparagus plumosus nanus, from 2¼-in. pots, $2.50 per 100, $22.50 per 1000; 3-in. pots, $5.00 per 100, $45.00 per 1000. Cash with order, please.
FLORAL HILL GARDENS,
G. F. Neipp, Prop., Chatham, N. J.

10,000 Asparagus plumosus, extra strong 2½-in., $2.50 per 100; $22.00 per 1000. 6000 A. Sprengeri, strong, bushy, $2.00 per 100; $18.00 per 1000. Cash.
Daut Bros., 825 N. Water St., Decatur, Ill.

Asparagus plumosus and Sprengeri. Extra strong 2-in. stock, $2.00 per 100, to close out to make room. Addems, Morgan & Co., Paxton, Ill.

Asparagus plumosus, extra strong, from 2-in. pots, $2.50 per 100, $22.00 per 1000; 2½-in., $3.00 per 100, $26.00 per 1000. A. Sprengeri, 2½-in., $3.00 per 100.
Wettlin Floral Co., Hornell, N. Y.

Asparagus Hatcheri, from 2½-in. pots, ready for 3½-in., the asparagus fern that's talked about, $10.00 per 100. Cash.
Ehmann's, Corfu, N. Y.

Asparagus plumosus, 2¼-in. pots, $3.00; Asparagus Sprengeri, 4-in., bushy, grown outside, $8.00 per 100.
Luther Maynard, R. D. 13, Knoxville, Tenn.

Asparagus. A few hundred EXTRA STRONG 4-in. A. Sprengeri, and a few A. plumosus nanus, $8.00 per 100. Cash.
Rudolf Nagel, Lancaster, Pa.

6000 Asparagus plumosus, 2¼-in., $3.00 per 100; $25.00 per 1000. 5000 Asparagus Sprengeri, 2½-in., $2.50 per 100; $22.50 per 1000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Asparagus plumosus. Fine plants in 3-in. pots, ready for shift, $5.00 per 100. A. Sprengeri, in 2½-in., $2.50 per 100. Cash.
P. N. Obertin, Kenosha, Wis.

Asparagus plumosus. 2¼-in. pots, $3.50 per 100, $30.00 per 1000; 3-in. pots, $6.00 per 100. Cash with order. 500 at 1000 rate.
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ASPARAGUS PLUMOSUS NANUS.
CUT STRINGS, 8 FT. LONG,
50c EACH.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, good strong seedlings from 3-in. pots, $5.00 per 100. A. Sprengeri, 2½-in. pots, $3.00 per 100.
The Rosebud Co., Newton, Kan.

500 heavy asparagus plumosus nanus, 3-in., 5c, 700 A. Sprengeri, nice 2½-in., ready for 3-in., 2½c. Cash with order.
C. W. Harrold, Decatur, Ill.

Asparagus Sprengeri, strong 2¼-in., ready for 4-in. pots, we need the room, $1.75 per 100; $15.00 per 1,000. Cash, please.
John Eitel & Son, Greencastle, Ind.

Asparagus plumosus, 2¼-in. pots, $3.00 per 100; $25.00 per 1000. Asparagus Sprengeri, 2-in. pots, $2.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

Asparagus plumosus, $2.00 per 100; $17.50 per 1,000. Sprengeri, $1.50 per 100; $15.00 per 1,000. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus, fine large plants, ready for 5-in. or bench, 10c each.
Stuhldreher Bros., Mansfield, Ohio.

Asparagus plumosus, strong, bushy 2½-in. plants, $3.00 per 100. Cash, please.
J. B. Dinser, R. 1, Box 35, Highland Park, Mich.

Asparagus Sprengeri, extra fine 3-in., ready to shift, $3.50 per 100; 2½-in., $2.00 per 100. Cash.
J. P. Siebold, Lancaster, Pa.

Asparagus plumosus, 2¼-in., 3c; 3-in., 6c. A. Sprengeri, 2¼-in., 2c; 3-in., 4c; 4-in., 8c.
Mosbæk Greenhouse Co., Onarga, Ill.

Asparagus Sprengeri, 4-in., fine, bushy plants, $8.00 per 100. Cash, please.
Sheldon Greenhouses, Sheldon, Ia.

Asparagus Sprengeri, 2½-in., $2.00; 3-in., $3.00; 4-in., $4.00 per 100. Cash.
Freeport Floral Co., Freeport, Ill.

Asparagus Sprengeri, 3-in., $3.00 per 100; 4-in., $5.00 per 100.
Whitton & Sons, City & Green, Utica, N. Y.

Asparagus Sprengeri, 2¼-in., extra strong, $2.00 per 100; 3-in., $5.00 per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Asparagus plumosus nanus, 2-in., 2c. Asparagus Sprengeri, 2-in., 2c.
U. G. Harglerode, Shippensburg, Pa.

Asparagus plumosus, 3-in., 6c. A. Sprengeri, 3-in., 4c; 4-in., 6c; 5-in., 12c.
Schneider, Florist, Springfield, Ohio.

Asparagus plumosus, fine 2½-in., $2.00 per 100. A. Sprengeri, fine 2½-in., $1.50 per 100.
J. C. Schmidt, Bristol, Pa.

Asparagus Sprengeri, 4-in., $10.00 per 100; 3-in., $5.00 per 100. Orange County Ornamental Nursery, Fullerton, Calif.

Asparagus plumosus, 2½-in., $3.00 per 100; 2-in., $2.50 per 100. Cash, please.
L. Rush, 135 34th St., Detroit, Mich.

IN EXCHANGE FOR POITEVINE. ...
Plumosus and Sprengeri, $2.50 per 100.
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Asparagus plumosus, strong plants, 2½-in., $3.00 per 100; $25.00 per 1000. Cash.
W. B. Girvin, Leola, Pa.

Asparagus plumosus nanus, extra strong 2-in., 2½c. J. L. Schiller, Toledo, Ohio.

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Asparagus plumosus, 2-in., 2c. Asparagus Sprengeri, 2-in., 1½c. Cash. Prompt shipment.
C. H. Woolsey, Florist, Rockford, Ill.

Asparagus plumosus, 3-in., 5c.
Hammerschmidt & Clark, Medina, Ohio.

Asparagus Sprengeri, strong 2½-in. 2c.
S. Wilson & Son, Marion, O.

Asparagus plumosus nanus, 4-in., $10.00 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

Asparagus plumosus, 3-in., $4.00 per 100. Cash.
F. E. Cremer, Hanover, Pa.

Asparagus, fine. See display adv.
J. W. Miller, Shiremanstown, Pa.

Asparagus Sprengeri, strong 3-in., $3.50 per 100. J. H. Dann & Son. Westfield, N. Y.

ASPIDISTRAS.

Aspidistras, green leaved, 10 to 14 leaves, 50c, 60c and 75c. Cash.
N. A. Corlin, Elberon, N. J.

ASTERS.

Aster sinensis.
J. Hasslach, St. Remy de Provence, France.

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AZALEA INDICA.

Not in bloom, but in fine shape for Christmas forcing.

Mme. Petrick, 14 to 16-in.	$1.50 each
Simon Mardner, 14 to 16-in.	1.00 each
Vervaeneana, 14 to 16-in.	1.00 each
Mme. Petrick, 12 to 14-in.	1.00 each
Niobe, 14 to 16-in.	1.00 each
Simon Mardner, 12 to 14-in.	9.00 doz.
Vervaeneana, 12 to 14-in.	9.00 doz.
Mme. Petrick, 10 to 12-in.	9.00 doz.
Niobe, 12 to 14-in.	9.00 doz.

DWARF AZALEAS ON OWN ROOT.

Hex	$50.00 per 100
Hex	30.00 per 100

THE EDGEBROOK GREENHOUSES AND NURSERIES
Of the Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

AZALEAS ARE IN.

We offer strong plants, nicely budded, short standards and well shaped heads in the leading late and medium-early varieties 10 to 12-in., $5.00 per doz., $40.00 per 100; 12 to 14-in., $6.50 per doz., $50.00 per 100; 14 to 16-in., $8.50 per doz., $65.00 per 100. Early sorts sold out.
CURRIE BROS. CO.,
312 Broadway, Milwaukee, Wis.

AZALEAS IN BLOOM.
SPLENDID SELLERS FOR CHRISTMAS.

Fine, shapely plants. Mardner, Vervaeneana, Mme. Petrick, D. Perle, etc., four sizes, $1.00, $1.50, $2.00 and $2.50 each. The medium sizes are sure to find a ready sale.
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Azaleas for Christmas. Mme. Petrick and Deutsche Perle, in large bud, just showing color; 12 to 14-in., 75c each.
Whitton & Sons, City and Green, Utica, N. Y.

Azaleas. A fine trio for Christmas. Deutsche Perle, Vervaneana, Mme. Petrick, very handsome plants, full buds, 16 to 18-in., $1.00, $1.25. Cash.
N. A. Corlin, Elberon, N. J.

BAY TREES.

Bay trees (standards), fine assortment, sizes 12 to 48 in. crowns. Price, $2.50 to $25.00 each. Let us know your wants.
Wagner Park Conservatories, Sidney, Ohio.

Bay trees and box trees, all sizes.
Write for special list.
Julius Roehrs Co., Rutherford, N. J.

Bay trees. Fine selection. Write for prices.
Holton & Hunkel Co., Milwaukee, Wis.

BEGONIAS.

Blooming begonias in assortment, $2.50 per 100. Rex begonias in assortment, $4.00 per 100; 2½-in., large, $6.00 per 100; 4-in., fine plants, $2.50 per doz. Some fine stock of my new special Rex begonias, Emerald Queen and Bronze King, 2-in., $6.00 per 100; 2½-in., $8.00; 4-in., fine plants, 35c each, $4.00 per doz.
N. O. Caswell, Delavan, Ill.

New begonia, Feastil Bunchii, sport of Feastil, with crested leaf; 4-in., $2.00 per doz.; 3-in., $1.50 per doz.; 2-in., $1.00 per doz. All stock equal to size larger than quoted. Write for prices on specimen 6 and 7-in. stock. Cash.
Loyd C. Bunch, Fredonia, Kan.

Begonia Gloire de Lorraine, 2½-in., 15c; 3-in., 25c; 3½ and 4-in., 35c. Glory of Cincinnati, 2½-in., 25c; 3-in., 35c; 4-in., 50c; 5-in., 75c. All in bud or bloom. Cash only.
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Begonia Lorraine, exceptionally well developed plants, ready for immediate retail sales, 6-in., 60c each; 7-in., 75c each.
Baur Floral Co., Erie, Pa.

GLORY OF CINCINNATI.

Cincinnati and Lorraine begonias, in full flower, 75c and $1.00 each. Fine for Christmas.
Gullett & Sons, Lincoln, Ill.

Begonias. Gloire de Lorraine, strong plants in full bloom, 5-in., $6.00 per doz.; 6-in., $9.00 to $12.00 per doz. Cash, please.
Rober & Radke, Maywood, Ill.

Begonia luminosa and rosea, fine 2-in. plants, 2c; 3½-in. plants, 5c. Ready now.
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Rex begonias in variety, 2¼-in., 75c per doz.; $5.00 per 100. G. E. Fink, Kenilworth, N. J.

Begonia Lorraine, fine 4-in., 25c; 5-in., 35c and 50c. In bloom and out.
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Rex Begonias, strong 2-in., fine varieties, 4c; $35.00 per 1000.
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REX BEGONIAS my specialty. Largest collection, $5.00 per 100.
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Rex begonias, assorted 3, 4, 5-in., 8c, 12c, 20c. Bargains. W. J. Olds, Union City, Pa.

BERRIED PLANTS.

Jerusalem cherries, 4-in. pots, ready for 5-in., bushy plants, well berried, $10.00 per 100; $1.50 doz. Smaller plants, for 4-in., full of berries, $5.00 per 100. Cash.
J. F. Bauers,
2010 Spring Rd., S. W., Cleveland, O.

Jerusalem Cherries. Bushy, well berried plants, 4-in., $10.00; 5-in., $15.00 per 100.
H. B. Snow, Camden, New York.

JERUSALEM CHERRIES, pot grown, strong and well berried plants, 4-in., $10.00 per 100. Cash, please. F. Sokol, Worcester, Mass.

Nice field-grown Jerusalem cherry plants, 4-in., $8.00 per 100; $75.00 per 1000.
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Christmas peppers, 4-in., fruit and buds, 8c. Cash, please.
Sheldon Greenhouses, Sheldon, Ia.

Xmas peppers, 2¼-in., $2.00 100, $18.00 1000; 3-in., well branched, $4.00 per 100. Cash, please.
P. Rieth & Co., Downers Grove, Ill.

Christmas peppers, large plants, well fruited, 5-in., $2.50 per doz.; 6-in., $4.00 per doz.
Gullett & Sons, Lincoln, Ill.

Christmas peppers, 5-in., 20c.
Mosbæk Greenhouse Co., Onarga, Ill.

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SINGLE HYACINTHS. Mammoth bulbs for forcing, all colors, named, $5.00 per 100.
SINGLE TULIPS. Artus, 75c per 100; Cottage Maid, 80c per 100; La Reine, 60c per 100; Keizerskroon, mammoth, $1.20 per 100; Yellow Prince, 85c per 100; Gesneriana, 95c per 100.
NARCISSUS. Golden Spur, double nosed, $1.75 per 100; Paper White grandiflora, 95c per 100.
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Bulbs of all descriptions. Write for catalogue and prices.
C. Keur & Sons, Hillegom, Holland.
New York Branch, 25 W. Broadway.

American grown bulbs, none better, none cheaper. Send for surplus list at special prices.
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CALLAS.

Some fine stock of Godfrey callas from stock of the first distributor; the one to grow for paying results. 2½-in. plants, will soon make blooming plants, at $5.00 per 100, $45.00 per 1000. Also a lot of started plants in flats, for prices of which write. N. O. Caswell, Delavan, Ill.

Godfrey callas, bring 3 flowers to 1 of the common, 2½-in., $5.00 per 100; $45.00 per 1000. They will bloom this season. See my A. plumosus and cyclamen advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

Godfrey callas, true to name; 3-in. plants, $5.00 per 100. Cash.
The Newburys, Mitchell, S. D.

Callas from pots, planted in July, sure of 6 flowers, $12.50 100. Cash.
Ehmann's, Corfu, N. Y.

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We have an immense stock of a fine crop of canna roots for next season's delivery at $1.00 per 100; $7.00 per 1000 and up. Can furnish you 50,000 of some kinds. Get our list before ordering. The largest canna grower in the world.
Imperial Seed & Plant Co., Grange, Balto., Md.

THE IMPROVED CANNA.

64 varieties, including Mrs. A. F. Conard and the finest new ones. Send for price list.
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Camellia japonica in assortment, 2 to 3 ft., $1.00 ea.; $10.00 doz.
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Wodenethe	$15.00	$135.00
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Enchantress	3.00	25.00
Gloriosa	6.00	50.00
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Rosette	12.00	100.00
Rose-pink Enchantress	3.00	25.00
Ruby	3.00	25.00
Mrs. Ward	3.50	30.00
Washington	6.00	50.00
White Enchantress	4.00	30.00
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White Wonder	6.00	50.00
Winsor	3.00	25.00

S. S. PENNOCK-MEEHAN CO.,
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FIELD-GROWN CARNATION PLANTS
DIRECT FROM GROWER.

	100	1000
Lawson-Enchantress	$4.00	$35.00
Sangamo, 10 in. in diameter	4.00	35.00
Alvina	4.00	35.00
May Day	4.00	35.00
Winsor	4.00	35.00
Victory	7.00	60.00
Queen	5.00	45.00

We never shipped a nicer lot of plants than we are now offering; large, bushy plants with many shoots. At the above prices it would pay you to buy this stock to plant in your houses after the early mums are gone. Every plant guaranteed or you can return them. Cash with order.
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66 Centre Square, Easton, Pa.

Good stock, protected from frost in my cool propagation house. This stock is guaranteed to be in good shape.

	100	No. 2
Enchantress, light pink	$4.50	$3.00
Enchantress, white	....	4.00
Harlowarden, crimson	3.50	....

Cash or reference. For very low quotations on Boston and Whitmani ferns, see classified adv. under ferns. A. A. Gannett, Geneva, N. Y.

Carnations, fine field-grown plants. White Perfection, $7.00 per 100; $60.00 per 1000. Winsor, Apple Blossom, Queen, Harlowarden, Craig, Mrs. Patten, Dorothy Gordon and Bountiful, $6.00 per 100; $55.00 per 1000.
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FROST PROTECTED—GUARANTEED.

1000 Lady Bountiful	$4.00 per 100
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300 Good red	4.00 per 100

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Carnation plants. 1400 Enchantress, 75 Winsor, 200 Lady Bountiful and 100 Sangamo, $5.00 per 100.
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Field-grown carnation plants. White Perfection and Light Pink Enchantress, good plants, $5.00 per 100.
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Strong field-grown carnation plants. Mrs. Thos. W. Lawson, stood inside, $3.00 per 100 for cash. M. J. Schaaf, Dansville, N. Y.

500 Winsor carnation plants, from pots, $5.00 per 100. Erie Floral Co., Erie, Pa.

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Christmas peppers, 5 and 6-in., fine stock, 10c. Jerusalem cherries, 4-in., 5c; 5-in., 10c; 6-in., 12c; loaded with berries, finest ever grown. Fancy table ferns, 2½-in., 2c. Cyclamen, 4-in., bud and bloom, 10c. Chinese primroses, in bloom, 4-in., 5c. Primulas, in bloom, 4-in., 5c. Fine rubber plants, 4-in., 30c. Asparagus plumosus, 3 and 4-in., 5c. Boston and Sword ferns, fine stock, 4 and 5-in., 10c and 15c; 6-in. Sword, 25c. Cash, please.
Riverview Greenhouses, Lewisburg, Pa.

LOOK under headings of azaleas, begonias, berried plants, cyclamen, poinsettias and primulas and see what we offer in Christmas plants.
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25 large bushy Christmas cactus, 25 and 30 buds, 5-in. stock, 25c each. Cash, please.
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Christmas trees, 5 to 8 ft., 10c each. Cash.
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ALL PRIZE WINNING STOCK.

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W. Frick.	Mayor Weaver.
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60c per doz.; $4.00 per 100.
Fine Ivory plants, $2.00 per 100.
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FINE MUM STOCK PLANTS.
READY FOR SHIPMENT.
$4.00 per 100.
Cash with order.

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Glory Pacific	Polly Rose
Pacific Supreme	Pink Globe
Monrovia	Major Bonnaffon
	White Bonnaffon

Hayman Greenhouse Co., Clarksburg, W. Va.

Chrysanthemums. Smith's Advance, the peerless early white chrysanthemum. Rooted cuttings, tips only, $5.00 per 100. 500 stock plants of Nagoya, one of the best late yellows, $5.00 per 100. Maurice J. Brinton, Christiana, Pa.

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SINGLES—Adelaide, Katie Covell, Mary Richardson, Kitty Bourne, Ladysmith, Helen Totty, Harold Bishop, M. J. Carlisle, Garza, Estelle Burnes.

Both pompons and singles, 75c per doz.; $4.00 per 100.

CHRYSANTHEMUMS—October Frost, Monrovia, Golden Glow, Jeanne Nonin, Major Bonnaffon, Dr. Enguehard, Clementine Touset, 50c doz., $3.00 per 100; $25.00 per 1000. Will trade—what have you?

W. R. Miller, The Florist, Covington, Ky.

CHRYSANTHEMUMS.

Several thousand fine stock plants ready for shipment.

$3.00 per 100.

Golden Glow	Col. Appleton
Polly Rose	Golden Wedding
Halliday	White Chadwick
Touset	Adelia
Monrovia	Mrs. Robinson

Major Bonnaffon.

J. F. WILCOX & SONS,
COUNCIL BLUFFS, IOWA.

CHRYSANTHEMUM STOCK PLANTS.

Crocus	General Hutton
Dr. Enguehard	White Cloud
A. J Balfour	C Touset
Winter Cheer	Gloria
Major Bonnaffon	Rosemawr
Golden Eagle	Mrs. Thirkell
Alice Byron	Halliday
Pacific Supreme	McNiece
Edmond Albe	White Chadwick

$3.00 per 100. Cash.

Holton & Hunkel Co., Milwaukee, Wis.

Chrysanthemums. PINK—Enguehard, Chamberlain, Glory of Pacific, Pacific Supreme, Minnie Bailey. YELLOW—Major Bonnaffon, Golden Glow. WHITE—Polly Rose, Touset, Robinson, Mrs. Wm. Buckbee, $3.00 per 100. Number 10 seedling, white, midseason; and Number 9 seedling, creamy white; late Golden Glow sport, white, $10.00 per 100. Yellow Ivory, $5.00 per 100. The two seedlings are good commercial varieties of large size.

Henry A. Bester & Sons, Hagerstown, Md.

STOCK CHRYSANTHEMUMS.

Ivory, Adelia, Golden Glow, C. Touset, Virginia Poehlmann, Polly Rose, October Frost, Queen, Pacific Supreme, Glory of Pacific, Pink Ivory, Bonnaffon, Mayor Weaver, Golden Eagle, Yellow and White Jones, Silver Wedding, Chadwick, Philadelphia, White Eaton, M. Dean, Dr. Enguehard, Viviand Morel, Robt. Halliday; singles, Canary and Ladysmith. Strong stock at $4.00 per 100. John Walker, Youngstown, Ohio.

CHRYSANTHEMUM STOCK PLANTS

50c per doz.; $3.00 per 100.

Mrs. Weeks	Golden Glow
Pacific Supreme	Bonnaffon
White Ivory	Merry Jane
Pink Ivory	Col. Appleton
Touset	Mayor Weaver

Patty, 6c.

Erie Floral Co., Erie, Pa.

$3.50 per 100; 60c per doz., cash with order, for the following stock plants: Golden Glow, October Frost, Opah, Estelle, Gloria, Holliday, Robinson, Mrs. Weeks, Alice Byron, Wm. Duckham, Pres. Taft, Honesty, Philadelphia, White and Yellow Bonnaffon, Trainor Park, Golden Wedding, Dr. Enguehard, John Burton, Jeanne Nonin, Yanoma. The Newburys, Mitchell, S. D.

CHRYSANTHEMUM STOCK PLANTS.

Golden Glow, October Frost, Gloria, Donatello, White Ivory, Yellow Ivory, White and Yellow Bonnaffon, White and Pink Shaw; pompons, Golden, Mlle. Martha, Yellow Baby, best yellow, and all other good varieties, $5.00 per 100.

S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

We have the following in chrysanthemums: YELLOW—Halliday, Golden Glow, Appleton, Bonnaffon and Jones. PINK—Shaw and Enguehard. WHITE—Robinson, Bonnaffon and Adelia. We will make special price on these at $3.00 per 100; 50c per doz.

Geo. A. Kuhl, Pekin, Ill.

Chrysanthemum stock plants, $4.00 per 100. Will exchange for other sorts needed. Sunshine, Touset, Robt. Halliday, Glory Pacific, Monrovia, Col. Appleton, Pacific Supreme, Robinson, Duckham, October Frost, Balfour, Black Hawk, Virginia Poehlmann, Dr. Enguehard and Jeanne Nonin. Truitt's Greenhouses, Chanute, Kan.

Why not buy for immediate delivery and double your stock by the 1st of January, thereby saving money. Extra strong 2-in. plants of the finest and earliest white chrysanthemum, Smith's Advance, ready now, $1. 25 per doz.; $10.00 per 100. Cash.

Jos. F. Klimmer Estate, Forest Park, Ill.

To Exchange—Chrysanthemum stock plants, Oct. Frost, Monrovia, Roosevelt, Major Bonnaffon, Enguehard, C. Touset, $3.00 per 100, for carnation rooted cuttings, White, Rose-pink and Pink Enchantress and White Perfection.

J. H. Milnor & Son, Ada, O.

Chrysanthemums. Fine, healthy stock plants of yellow Bonnaffon, Pink Shaw, White Ivory and 3½-in. smilax at 2½c, or will exchange for Chicago Market, Etoile d'Or daisies, Oct. Frost, Golden Glow or Virginia Poehlmann chrysanthemums. Lohr Bros., 1454 Ottawa, Ottawa, Ill.

Chrysanthemum stock plants, Glory of Pacific and Polly Rose, 2c. Cash.

Hammerschmidt & Clark, Medina, O.

"CHRYSANTHEMUMS FOR THE MILLION."

A record of notes on the culture of the chrysanthemum, by growers situated in every section of the United States, with an introduction by the author, C. H. Totty. Price, 25c.

Chas. H. Totty, Madison, N. J.

Chrysanthemum stock plants. Chas. Razer, the best commercial white, Ivory type, easy grower, $4.00 per doz.; rooted cuttings, booked for $3.00 per 100. Mayor Weaver and Gloria, both new pinks, stock plants, $2.00 per doz.

J. Van der Wal, 10421 Michigan Ave., Chicago.

Chrysanthemum stock plants. Golden Glow, Oct. Frost, W. Bonnaffon, Y. Bonnaffon, Pres. Roosevelt, W. Chadwick, Y. Chadwick, Col. Appleton, Halliday, Lady Hopetown, Honesty, cash or exchange, 50c per doz.; $2.50 per 100.

R. E. Rathbun, Sioux City, Iowa.

Chrysanthemum stock plants. Y. and W. Eaton, Y. Bonnaffon, A. Byron, Yonoma, Mlle. M. Desjouis, $3.00 100. Will trade for W. Bonnaffon, Y. or W. Chadwick, Oct. Frost or some good early white.

West View Floral Co., Knightstown, Ind.

Chrysanthemum stock plants. Chas. Razer (best white), $3.00 per doz. Yellow Bonnaffon, Dr. Enguehard, $3.00 per 100; 50c per doz. Cash with order.

J. H. Miller, 5558 N. Lincoln St., Chicago.

Chrysanthemum stock plants. Smith's Advance, best earliest white, 40c each, $4.50 per doz., $35.00 per 100. Other standard varieties, $1.00 per doz.; $5.00 per 100.

John Dieckmann, Elm Grove, W. Va.

Orders booked for young plants of Smith's Advance, earliest white; Unaka, earliest pink; January and February delivery, $1.00 per 10; $8.00 per 100. Please order early. Stock plants all sold. Max B. Schreiber, McDonald, Pa.

Smith's Advance chrysanthemum plants, 2-in. stock. Good, strong plants, well rooted; this stock will give many cuttings for planting time, $1.25 per doz. Cash with order.

The Newburys, Mitchell, S. D.

Bonnaffon, White and Pink Shaw, Pacific Supreme, Ivory, Nonin at $3.00 per 100. Will exchange for plants we can use or rooted cuttings of S. A. Nutt geranium.

Baker Floral Co., Syracuse, N. Y.

3000 Smith's Advance chrysanthemums. Strong stock plants of this superior early white chrysanthemums, 25c each; $20.00 100. Cash with order.

Minneapolis Floral Co., Minneapolis, Minn.

Chrysanthemum stock plants. G. Glow, Crocus, Gloria, Enguehard, Oct. Frost, Polly Rose, 50c per doz.; $3.00 per 100, or will exchange for any stock I can use.

H. S. McClenahan, Oklahoma City, Okla.

Chrysanthemum stock plants. Bayer's Yellow Bonnaffon, Helen Frick, $3.00 per 100. A limited amount of White Frick, $6.00 per 100. Cash.

G. Bayer & Son, 2558 Fulton, Toledo, O.

Chrysanthemum stock plants. October Frost, Dr. Enguehard, Golden Glow, Major Bonnaffon, $3.00 per 100, or will exchange for other stock.

Wm. Eschrich Co., North Milwaukee, Wis.

Chrysanthemum Smith's Advance stock plants, $3.00 per doz.; 2¼-in. pots, strong plants, $1.25 per doz., $10.00 per 100.

A. C. Canfield, Springfield, Ill.

Fine bushy stock plants. Ivory, Pacific Supreme and Bonnaffon, 75c doz.; $4.00 per 100. Cash.

G. W. Renard, Avondale, Chester Co., Pa.

Stock plants of Oct. Frost, Polly Rose, Edmond Albe, Black Hawk and Jeanne Rosette, $3.00 per 100.

M. D. Schmidt & Son, 254 Park, Dayton, O.

Chrysanthemum stock plants. Golden Wedding, Yellow Bonnaffon and Bruton, $2.50 per 100, or will exchange for White and Yellow Chadwick.

Calvert Floral Co., Lake Forest, Ill.

Chrysanthemum stock plants. Beatrice May, Yellow Bonnaffon, Dr. Enguehard, Glory of Pacific, Golden Glow and Estelle, $3.00 per 100.

Mosbæk Greenhouse Co., Onarga, Ill.

Chrysanthemum stock plants or cuttings, fine lot of pompons. Will exchange for ferns or anything I can use. Write what you have.

Richard F. Gloede, Evanston, Ill.

Chrysanthemum stock plants, strong. Mrs. Parr, Pres. Roosevelt, Helen Frick, $3.00 per 100.

Mercer Floral Co., Bowling Green, O.

Chrysanthemum stock plants. 500 Eaton, 500 Bonnaffon, 2½c each.

S. Wilson & Son, Marion, O.

Stock plants of yellow Garza, new, at 50c each., $5.00 per doz.

Jacob Russler, 114th and Avon, Morgan Park, Ill.

Golden Glow, Pacific Supreme, Halliday, Touset stock plants at $3.00 per 100. Cash.

Scharff Bros., Van Wert, O.

Chrysanthemum stock plants. Smith's Advance, 25c each; Golden Glow, 10c each.

Eli Cross, 25 Monroe, Grand Rapids, Mich.

CINERARIAS.

Cinerarias, London Prize Winners, a brilliant and showy strain, many light colors, dwarf and large flowering, 2¼-in., $2.00 per 100; 300 for $5.00.

Whitton & Sons, City & Green Sts., Utica, N. Y.

Cinerarias, dwarf prize, out of 2½-in., $2.00 per 100; 300 for $5.00.

J. C. Schmidt, Bristol, Pa.

Cinerarias. Vaughan's Columbian, James' Prize, Boddington's Perfection, Matchless Dwarf, azure blue, white, blood red and old rose, 3-in., ready for 4-in., $4.00; 4-in., ready for 5-in., $6.00 per 100. Fine, clean stock. Cash only, please. J. Sylvester, Florist, Oconto, Wis.

Cinerarias, dwarf varieties. Large plants, ready to shift, 2¼-in. $1.50 per 100; 3-in., $2.50 per 100; 4-in., $5.00 per 100.

S. Whitton, 232 Churchill Ave., Utica, N. Y.

Cinerarias, Vaughan's Columbian, 3½-in., ready for 5-in., $5.00 per 100. Positively cash with order.

Aurora Greenhouse Co., Aurora, Ill.

Cinerarias, fine mixed, 2¼-in., ready for 3-in. pots, 2½c.

J. W. Golden, 340 Ohio, Johnstown, Pa.

Cinerarias, large flowering dwarf. Extra good plants, 3-in., $4.00 per 100. Cash. M. S. Etter, The Home of Primroses, Shiremanstown, Pa.

Cineraria stellata, 3-in., 5c; 5-in., 10c each.

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Cinerarias, a grand assortment, 2-in., $2.00 per 100. John Irvine & Sons, Bay City, Mich.

Cinerarias, Rupp's best mixed, 2¼-in., 2½c.

Hammerschmidt & Clark, Medina, O.

Strong dwarf cinerarias, 2-in., $2.00 per 100.

M. S. Wiecking Co., Bluffton, Ind.

CLEMATIS.

Clematis paniculata, 2 and 3-yr.-old; also Henryi, Jackmani, Andre Romona, Red Jack. Special price for fall delivery.

Parks & Schaufelberger, Penfield, N. Y.

Clematis paniculata. Large field-grown plants, $6.00 per 100; medium size plants, $4.00 per 100.

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Clematis paniculata, 2-yr., $7.00 per 100; $60.00 per 1000. H. G. Norton, Perry, O.

COLEUS.

COLEUS ROOTED CUTTINGS.

Golden Bedder	$6.00 per 1000
Beckwith's Gem	6.00 per 1000
Verschaffeltii	6.00 per 1000

COLEUS, 2-IN. POTS.

Pfister, red, yellow	$2.00 per 100
Beckwith's Gem	2.00 per 100
Golden Bedder	2.00 per 100
Verschaffeltii	2.00 per 100

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Coleus, 15 varieties, R. C., 60c per 100, $5.00 per 1000; 2¼-in., 2c. Cash.

W. E. Trimble Greenhouse Co., Princeton, Ill.

Coleus, Golden Bedder and Verschaffeltii. Rooted cuttings, 75c per 100. Cash, please.

Sheldon Greenhouses, Sheldon, Ia.

Coleus, all standard varieties. R. C., 60c per 100. M. E. Wyatt, Watseka, Ill.

Coleus, 6 good vars. R. C., 60c 100; $5.00 1000.

McRae-Jenkinson Co., Cheswick, Pa.

Coleus, fine 2½-in., 10 kinds, $2.00 100. Cash.

E. Huston & Co., Sistersville, W. Va.

Coleus Golden Bedder, 3-in., 2½c.

J. H. Dann & Son, Westfield, N. Y

CROTONS.

CROTONS.

Pots	Each	Doz.
2¼-in.	.....	$1.00
3-in.	.....	1.50
4-in.	$0.25	3.00
7-in., 4 in a pot	75c to 1.00	....

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Crotons, 5-in. pots, 75c to $1.00 each; 6-in. pots, $1.00 to $1.25 each. Cash with order.

Frank Oechslin, 4911 W. Quincy St., Chicago.

CUT FLOWERS.

Fresh cut Bulgarie, Pink and White Killarney daily.

H. P. Neun, 941 South Ave., Rochester, N. Y.

Calla lily, daffodil and iris blooms.

H. A. Hyde, Watsonville, Calif.

CYCLAMEN.

Giant cyclamen, our own grown strain, selected from the very best and well built plants and flowers. Seed, $1.00 per 100, $6.00 per 1000; nearly all sold out. August seedlings, $2.00 per 100; $18.00 per 1000. Plants, well set with buds, 4-in., $18.00 and $25.00 per 100. Orders amounting to $25.00, 10% off. Here is one of the many letters we received from satisfied customers: E. A. Butler & Son, Niagara Falls, N. Y., say, "The plants are excellent, the finest we have ever had and, if the seed this year is of the same quality, we will be perfectly satisfied." Our aim has been to, and we have, improved our strain every season. Cultural directions with every order. See my calla and A. plumosus advs.

C. Winterich, Cyclamen Specialist, Defiance, O.

Received first prize at Milwaukee Flower Show. All well grown, strong stock, in full bud and bloom.

5-in.	$ 6.00 per doz.
6-in.	9.00 per doz.
7-in.	12.00 per doz.
8-in.	15.00 per doz.

We are booking orders now for Christmas shipping. Carl Meier & Co., Green Bay, Wis.

FOR CHRISTMAS SALE.
FINE LARGE CYCLAMEN.
EXCEPTIONALLY WELL FLOWERED.

4½-in. ..... 40c and 50c each
5-in. ..... 50c and 75c each
6-in. ..... $1.00 and $1.50 each
7 and 8-in. ..... $1.50, $2.00 and $2.50 each

The 4½-in. plants average 10 to 12 in. across, the 5-in. are 10 to 15 in., the 6-in. run from 12 to 18 in., and the larger specimens from 18 to 24 in. Plants that will please the best trade and command a ready sale. Shipped in the pots.
Gullett & Sons, Lincoln, Ill.

Cyclamen giganteum superbum, the new English strain, including picturatum, Duke of Fife, Rosy Morn, also Glory (or Wonder) of Wandsbeck, Victoria, and 4 of the best German specialists' strains, 3-in., $6.00; 4 in., $12.00; 5-in., $25.00 per 100. All fine plants, well budded, mostly showing color or in bloom. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen Giganteum, best strains. Strong plants in bud and bloom.

4-in. ..... $10.00 per 100
5-in. ..... 20.00 per 100
6-in. ..... 4.50 per doz.

Prompt shipment. Cash.
C. H. Woolsey, Florist, Rockford, Ill.

CYCLAMEN.

5-in. ..... $20.00 per 100
4-in. ..... 10.00 per 100
3-in. ..... 7.00 per 100

This is the noted Winterich strain; plants in good shape, we must reduce our stock.
Swan Peterson Floral Co., Gibson City, Ill.

"FULL OF LIFE"
GIANT CYCLAMEN GIGANTEUM BLENDS

2¼-inch ..... $5.00 per 100
3-inch ..... 7.50 per 100

Terms cash. Prompt shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses. Rockford, Ill.

Cyclamen giganteum in full bud, best strains of assorted colors and largest blooms. 2¼-in., $4.00 per 100; 3-in., $6.00 per 100; 4-in., $9.50 per 100; 5-in., $19.00 per 100. Prompt shipment. Cash, please. John Bauscher, Jr., Freeport, Ill.

Cyclamen, best giant commercial strain, 6 separate colors or mixed; 3-in., 5c, to close out; 4-in., heavy, healthy plants, in bud and bloom, 20c to 35c. J. L. Schiller, Toledo, O.

Cyclamen giganteum, large flowering, 3-in., 5c; 4-in., $10.00 per 100; 5-in., $15.00 per 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

Cyclamen persicum.
J. Hasslach, St. Remy de Provence, France.

Cyclamen giganteum, 4-in., 15c.
Mosbæk Greenhouse Co., Onarga, Ill.

Cyclamen giganteum. See display adv.
J. W. Miller, Shiremanstown, Pa.

DAHLIAS.

WHOLESALE LIST FOR 1912
NOW READY

Separated stock and clumps. We use no slips or sprouts for propagation; stock all grown from tubers, insuring strong roots.
J. L. MOORE
Northboro Dahlia & Gladiolus Gardens
NORTHBORO, MASSACHUSETTS

Dahlias, extra heavy undivided field clumps. Black Beauty, $3.00 per 100. Earl of Pembroke, $4.00 per 100. Countess of Lonsdale, finest for cut flowers, $8.00 per 100.
Wagner Park Conservatories, Sidney, Ohio.

EAST BRIDGEWATER DAHLIA GARDENS.
If you are looking for dahlia stock for your 1912 catalogue, send for trade list to THE DAHLIA KING.
J. K. Alexander, East Bridgewater, Mass.

Dahlias. Large list. Any quantity desired.
Nat'l Cooperative Show Gardens, Spencer, Ind.

DAISIES.

MARGUERITES.
WHITE AND YELLOW.

Rooted cuttings ..... $6.00 per 100

YELLOW.

2-in. ..... $2.00 per 100

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Marguerites. Queen Alexandra, 2½-in., $3.00; 3½-in., $5.00; 4½-in., $10.00 per 100. Queen of Belgians, Soleil d'Or and Nicholson's White, 2½-in., $3.50; 3½-in., $6.00; 4-in., $10.00 per 100. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Yellow daisies, Etoile d'Or, for winter flowering. 6-in., $50.00 per 100; 4-in., $20.00 per 100; 2½-in., $10.00 per 100.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Daisies, Paris. Rooted cuttings, giant yellow and white, $1.00 per 100. Bellis, Snowball, Longfellow, $2.50 per 1000; 5000 for $10.00.
Ryer Bros., Chambersburg, Pa.

Yellow marguerites, winter flowering. Guaranteed healthy stock out of 2½-in. pots, $5.00 per 100. Sample by mail, 10c.
James Crawshaw, Depot Ave., Barrington, R. I.

Daisies (Chrysanthemum maximum), fine for cutting. Strong divisions, right from 5-in. pots, $2.00 per 100; $15.00 per 1000. Cash with order.
W. A. Finger, Hicksville, L. I., N. Y.

Marguerite daisies, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, Ohio.

White marguerites. Rooted cuttings, 75c per 100. Cash, please.
Sheldon Greenhouses, Sheldon, Ia.

Daisies (bellis), double, large flowering, Longfellow and Snowball, fine plants, $2.00 per 1000; 5000 for $7.50. J. C. Schmidt, Bristol, Pa.

Marguerite daisies, the new one, Mrs. F. Sander, 2-in. pots, $5.00 per 100.
Johnson Floral Co., Kendallville, Ind.

Reve d'Or, best winter blooming yellow, 2½-in., 8c. Riverside Greenhouses, Auburndale, Mass.

Double daisies or bellis, mixed, fine, $2.00 per 1000. U. G. Harglerode, Shippensburg, Pa.

DRACAENAS.

DRACAENA FRAGRANS.

Pots	Doz.
2½-in.	$1.50
3-in.	2.00
4-in.	3.00
5-in.	5.00

DRACAENA INDIVISA.

2-in. pots ..... per 100, $3.00. per 1000, $25.00
3-in. ..... doz., $0.75; per 100, 6.00
7-in. pots ..... ea., $1.25; doz., 15.00

DRACAENA MASSANGEANA.

6-in. pots ..... each, $1.25
7-in pots ..... each, 1.50

DRACAENA TERMINALIS.

3-in. pots ..... doz., $1.75
4-in pots, strong, each, 35c ..... doz., 4.00

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

BUCKBEE'S "FULL OF LIFE" DRACAENAS.

	Select.	Doz.	100
Indivisa	4-in.	$1.50	$10.00
Indivisa	6-in.	3.50	25.00
Terminalis	2½-in.	1.50	10.00
Terminalis	3-in.	2.00	15.00
Terminalis	4-in.	3.00	20.00

Cash. Prompt express shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses, Rockford, Ill.

DRACAENA INDIVISA.

4½-in. ..... $15.00 per 100
5-in. ..... 20.00 per 100
6-in. ..... 35.00 per 100

Crown Point Floral Co., Crown Point, Ind.

Dracaena indivisa, 2¼-in., $2.00 per 100; $18.00 per 1000; 3-in., $6.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Dracaena indivisa. Strong 5-in. pot plants, 10c; 3-in., $3.00 per 100. Buy now.
Wm. Eschrich Co., North Milwaukee, Wis.

Dracaena indivisa, pot-grown. From 5-in. pots, $15.00 per 100; from 4-in. pots, $10.00 per 100. Cash. Queen City Floral Co., Manchester, N. H.

Dracaena indivisa, strong field-grown, 16 to 20 in., 5c; 20 to 24 in., 8c. Bargains.
W. J. Olds, Union City, Pa.

Dracaena terminalis, fine young 2½-in. stock, $10.00 per 100.
Julius Roehrs Co., Rutherford, N. J.

Dracaena indivisa, fine, 4-in. pots, $6.00 per 100. I need room. Cash, please.
Geo. A. Relyea, Poughkeepsie, N. Y.

3000 Dracaena indivisa. Good strong 2¼-in., 2½c., 3-in., 5c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dracaena indivisa, 4-in., ready for 5-in., $6.00 per 100. To make room. Cash, please.
F. A. Bennett & Son, Watertown, N. Y.

Dracaena indivisa, 2-in., $2.50 per 100.
Johnson Floral Co., Kendallville, Ind.

Dracaenas, strong. See display adv.
J. W. Miller, Shiremanstown, Pa.

Dracaena indivisa, 3-in., $5.00 per 100; $40.00 per 1000. L. Potter & Sons, Waukegan, Ill.

EUONYMUS.

EUONYMUS VARIEGATA.
Golden and silver leaved.

2½-in. pots ..... doz., $0.50

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook. Chicago, Ill.

FERNS.

FERNS.
FERNS MY SPECIALTY.

COCOS WEDDELINA and KENTIA BELMOREANA. Fine center plants, $1.30 per doz.; $10.00 per 100.

CIBOTIUM SCHIEDEI. Grandest stock ever offered of this most magnificent fern, 3-in., $3.50 per doz., $25.00 per 100; 4-in., $5.00 per doz., $40.00 per 100; 8-in., $2.25; 9-in., $3.50; 10-in., $4.50; 12-in., $6.50 each.

ADIANTUM CROWEANUM, 4-in., $2.00 per doz.; $15.00 per 100.

ADIANTUM CUNEATUM, 2¼-in., $3.50 per 100, $30.00 per 1000; 4-in., nice full plants, $12.00 per 100.

ADIANTUM FARLEYENSE, 4-in., $5.00 per doz.; $40.00 per 100.

ADIANTUM REGINAE and RHODOPHYLLUM, splendid 4-in. stock, $4.50 per doz., $35.00 per 100.

ASPARAGUS PLUMOSUS NANUS, 2¼-in., $3.00 per 100; $25.00 per 1000.

ALSOPHILA AUSTRALIS, a very pretty tree fern, 7-in., $1.50; 10-in., $4.00 each.

J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

Boston ferns, just right for holiday work, 4-in., 15c; 5-in., 25c. Baur Floral Co., Erie, Pa.

Ferns, assorted varieties. Strong, healthy plants from 2¼-in. pots, $3.00 per 100, $25.00 per 1000; 3-in., $6.00 per 100, $55.00 per 1000; 4-in., $12.00 per 100.

Boston ferns, 8-in., $1.25 ea., 7-in., $1.00 ea., $10.00 per doz.; 6-in., 50c each.

Whitmani, 8-in., $1.50 ea.; 7-in., $1.00.; 6-in., 50c and 75c ea.

Scottii, 7-in., $1.00 ea.; 6-in., 50c ea.

Kentia Belmoreana, 2¼-in., $10.00 per 100; 3-in., $15.00 per 100; 4-in., $30.00 per 100; 5-in., $8.00 per doz.

Cocos Weddeliana, 2¼-in., $10.00 per 100.

Asparagus plumosus nanus, 2¼-in., $3.00 per 100; 3-in., $5.00 per 100.

Asparagus Sprengeri, 2¼-in., $2.50 per 100.
Frank N. Eskesen, Madison, N. J.

BOSTON FERNS.

Pots	Each	Doz.	100	1000
2-in.	.....	.....	$ 3.00	$25.00
6-in.	.....	6.00	45.00	.....
7-in.	$0.75	9.00	.....	.....
8-in.	1.00	12.00	.....	.....
9-in.	1.50	18.00	.....	.....

FERN BASKETS.
$1.00 each.

ASSORTED FERNS FOR DISHES.
2-in., $3.00 per 100; $25.00 per 1000.

CIBOTIUM.

7-in. ..... each $2.50

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

FERNS FOR JARDINIERES for immediate use. Bushy, well grown plants, 6 to 8 best varieties. From 2¼-in. pots, $3.00 per 100, $25.00 per 1000; from 3-in. pots, $6.00 per 100, $55.00 per 1000; from 4-in. pots, $12.00 per 100.

ADIANTUM CUNEATUM, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.

ASPARAGUS PLUMOSUS NANUS, 2¼-in. pots, $3.00 per 100; $25.00 per 1000.

COCOS WEDDELIANA AND KENTIA BELMOREANA, 2¼-in. pots, just right for centers, $10.00 per 100.

CIBOTIUM SCHIEDII, 7-in. pots, $1.50 each.
Thomas P. Christensen, Short Hills, N. J.

NEPHROLEPIS BOSTONIENSIS.

4-inch ..... $1.50 doz.; $12.00 100
5-inch ..... 3.00 doz.; 20.00 100
6-inch ..... 5.00 doz.; 35.00 100

NEPHROLEPIS TODEAOIDES.

This we consider the finest of the crested varieties.

4-inch ..... $2.00 doz.; $15.00 100
5-inch ..... 3.50 doz.; 25.00 100
6-inch ..... 5.50 doz.; 40.00 100

The above ferns are all good, strong, stocky plants, ready for immediate sales. Cash.
Jno. F. Sabransky, Kenton, Ohio.

FERNS FOR IMMEDIATE DELIVERY.
EXTRA GOOD QUALITY STOCK.

BOSTON.

	100		100
4-inch	$10.00	8-inch	$80.00
5-inch	25.00	9-inch	each, 1.25
6-inch	40.00	10-inch	each, 1.50
7-inch	60.00	12-inch	each, 2.00

WHITMANI.

	100		100
6-inch	$45.00	8-inch	$80.00

R. R. DAVIS CO., MORRISON, ILL.

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250 FERNS LEFT.

"I received ferns Sat. eve. Well pleased with same. Best I ever had." L. Mitchell, Jr., Pulaski, N. Y. "The last lot was fine. The best I ever got." H. Boat & Sons, Walden, N. Y.

Let me please you as well at the following low prices.

Whitmani, 5-in. 25c
Boston, 6-in 25c
Boston, bench, for 6-in. 20c

Cash, reference or C. O. D.
A. A. GANNETT. GENEVA, N. Y.

FERN SEEDLINGS IN FLATS ready for immediate delivery. 110 clumps to a flat, $1.50 per flat; 10 flats, $1.25 each. All express orders packed out of flats.

TABLE FERNS in best mixed varieties, from 2¼-in. pots, $30.00 per 1000; 250 at same rate. I have a large stock to select from. Sure to please.

All out of town orders are cash with order, please.

B. SOLTAU FERNERY,
2199 Grant Ave., Jersey City, N. J.

Ferns. Handsome stock. Boston, Whitmani, Elegantissima compacta, Sprinfieldii, Amerpohlii, Scholzeli. Rooted runners, $1.80 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c. Sample sent for 25c. Satisfaction guaranteed. Ferns are grown at Cleveland, Ohio, plant. 60,000 feet of modern glass devoted to ferns and asparagus. Special prices on large quantities for cash only.
Schneider, Florist, Springfield, Ohio.

EXTRA HEAVY GUARANTEED STOCK.

Boston, 6-in., 40c each.

Scottii, 6-in., 40c each; 5-in., 30c; 4-in., 20c.

Superbissima, 6-in., 40c each; 5-in., 30c; 4-in., 20c.

Fernery ferns, 5 varieties, 2½-in., $3.00 per 100; $25.00 per 1000.
Evenden Bros., Williamsport, Pa.

FERN BARGAINS.

Boston runners, strong $15.00 1000
Boston, 2¼-in. 30.00 1000
Amerpohlii, 4-in. 10.00 100

Cash with order.
The above stock is strictly clean and strong.
J. T. Cherry, Athens, Ill.

Boston fern runners, 2 to 4 leaves, $2.00 per 100. P. Pearson, 5734 Gunnison St., Chicago.

FERNS—Continued.

Ferns. Good, strong, pot-grown Amerpohlii, Elegantissima, Piersoni, Boston and Superbissima, 3-in., $7.00 per 100; 4-in., $12.00 per 100, $110.00 per 1000; 5-in., $18.00 per 100. This is all excellent stock and worth more money but I must have room.
Andrew Peterson, Hoopeston, Ill.

Boston ferns, 6-in. pots, 45c ea., $40.00 per 100. Whitmani ferns, 4-in., 20c ea., $15.00 per 100; 5-in., 30c ea., $25.00 per 100; 6-in., 45c ea., $40.00 per 100; 7-in., 60c ea., $55.00 per 100; 8-in., 75c ea., $70.00 per 100. Ficus elastica, 35c, 50c and 75c ea. Cash, please.
Queen City Floral Co., Manchester, N. H.

BOSTON FERNS.
Fine stock.
8-inch .....$ 7.00 per 100
4-inch ..... 12.00 per 100
5-inch ..... 18.00 per 100
Thos. Salveson, Petersburg, Ill.

Boston ferns, first-class stock, for 5, 6, 7 and 8-in., 20c, 25c, 50c and 75c. Whitmani, for 6, 7, 8 and 10-in., 25c, 35c, 50c and 75c. Also large specimen plants from $1.00 up. Scottii, for 6-in., 25c and 35c. Any quantity; 7000 to choose from. Cash. A. E. Monroe, Wellesley Farms, Mass.

Ferns for dishes, transplanted, ready for potting, five varieties, $1.00 per 100; $9.00 per 1000. Strong plants, 2-inch, $3.00 per 100, $25.00 per 1000. Cash, please.
Rober & Radke, Maywood, Ill.

Bench ferns. Boston, Elegantissima, 3, 4-in., 6c, 10c. Elegantissima, 5-in., 12c. Whitmani, 3, 4, 5-in., 8c, 12c, 15c. Amerpohlii, 3, 4-in., 8c, 12c. Scholzeli, 3, 4-in., 10c; 4-in., 15c. Cash. Byer Bros., Chambersburg, Pa.

Nephrolepis exaltata Bostoniensis. Booking orders now. Fine, strong runners, $10.00 per 1000. Nephrolepis exaltata, same price as above. Nephrolepis davallioides furcans, strong runners, $2.50 per 100. J. J. Soar, Little River, Fla.

BOSTON FERNS.
4½-in. pots .....$15.00 per 100
5-in. pots ..... 20.00 per 100
6-in. pots ..... 40.00 per 100
Crown Point Floral Co., Crown Point, Ind.

Boston ferns for immediate delivery. Good, clean, strong, stocky plants, 4-in., ready for shift, $15.00 per 100; 5-in., ready for shift, $25.00 per 100. Cash with order.
Wirth & Gaupp, Springfield, Ill.

ROOSEVELT FERN—As a winner.
2½-in. .....$2.00 per doz.; $15.00 per 100
3-in. ..... 2.50 per doz.; 17.50 per 100
F. O. B. West Grove.
Conard & Jones Co., West Grove, Pa.

Ferns. Boston, Scottii and Scholzeli, 2½-in., fine stock, ready now, $3.50 per 100; $30.00 per 1000. Fern flats, extra strong plants; Wilsoni, Mayii, Wimsetti and Adiantoides, $2.00 per flat.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Boston ferns for immediate delivery. Extra good quality stock. 2¼-in., $4.00 per 100; 3-in., $7.00 per 100; 4-in., $10.00 per 100; 5-in., $25.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Ferns for holidays. Shapely 4-in. pot plants, Boston and Whitmani, 10c. A. Sprengeri, 4-in., 6c; plumosus, 4-in., 8c.
Roney Bros., West Grove, Pa.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. 500 at 1000 rate. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

Boston and Whitmani ferns, 3-in., $7.00 per 100; 4-in., $12.00 per 100. Good strong stock ready to shift.
Momence Greenhouse, Momence, Ill.

Fern dish ferns. Heavy 2¼-in. pot plants, $3.00 per 100; $25.00 per 1000. Boston ferns, 5-in. pots, $25.00 per 100; 6-in., $40.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

FERNS FOR FERN DISHES.
Five leading varieties. Strong 2½-in. stock, guaranteed quality, $3.00 per 100; $25.00 per 1000. Evenden Bros., Williamsport, Pa.

Ferns. Boston, 2¼-in., 4c. Whitmani, 2¼-in., 5c. Elegantissima, Piersoni and Whitmani, 3-in., 8c; 4-in., 12½c; 5-in., 25c.
Mosbæk Greenhouse Co., Onarga, Ill.

Ferns for dishes, mixed varieties, extra heavy 2-in. stock from spring seedlings. $3.00 per 100. Cash.
N. E. Beck Floral Co., Massillon, O.

Ferns. Whitmani, 4-in., strong, ready for 5 and 6-in., 20c and 25c. Boston, 5-in., 20c and 25c. Fine pot grown ferns, sure to please. Cash.
H. S. Brandt, York, Pa.

A fern bargain, to make room—Boston, Foster and Whitmani ferns in 6, 7 and 8-in. pots, heavy, about 75 plants left, $18.00 the lot.
J. P. Siebold, Lancaster, Pa.

Whitmani, very handsome stock, 35 to 50 fronds, 18 to 24 in. spread, 40c, 50c, 60c. Cyrtomium falcatum (holly fern), 4-in., 15c. Cash. N. A. Corlin, Elberon, N. J.

Boston ferns, 5, 6 and 7-in., 25c, 45c and 65c each; 8, 9 and 10-in., prices on application.
C. H. Jacobs, Westfield, Mass.

Ferns for dishes. For special prices see display adv.
John Irvine & Sons, Bay City, Mich.

Ferns. Scottii and Scholzeli, 5-in., $18.00 per 100; 2½-in., $4.00 per 100.
E. H. Frenking, Ingham Ave., Trenton, N. J.

Boston ferns, 4-in., 7 to 9 fronds, this is good strong stock, $8.00 per 100; $75.00 per 1000.
H. C. Brown, Yellow Springs, Ohio.

Boston ferns, grown for our own use but have too many; 4-in., 15c; 5-in., 35c; 6-in., 50c; $6.00 per doz. D. R. Herron, OLEAN, N. Y.

Ferns for dishes, assorted varieties. Strong 2¼-in., $3.00 per 100. Cash, please.
L. Rush, 135 34th St., Detroit, Mich.

Ferns, strong bench stock. Boston and Whitmani, 15c, 20c, 25c and 30c.
R. R. Davis Co., Morrison, Ill.

Boston ferns, strong runners, $10.00 per 1000. Write for special prices on 5,000 to 20,000 lots.
F. M. Soar, Little River, Fla.

Ferns. Boston, pot-grown, fine stock, 3-in., $7.50 100; 4-in., $15.00 100; 5-in., $20.00 100.
Swan Peterson Floral Co., Gibson City, Ill.

S. A. Nutt geranium rooted cuttings, $1.00 per 100. Cash. E. T. Wanzer, Wheaton, Ill.

Whitmani ferns out of 4-in., fine plants, $10.00 per 100. J. C. Schmidt, Bristol, Pa.

Boston ferns, 2½-in. stock, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

FEVERFEW.

Feverfew, double white, from 2-in. pots, $2.50 per 100, $20.00 per 1000; rooted cuttings, $2.00 per 100; $18.00 per 1000.
A. E. E. Koch, Nobscot, Mass.

Feverfew, large double white, $1.00 100, prepaid. Chas. Frost, Kenilworth, N. J.

Feverfew Gem R. C., $1.00 per 100. Cash.
Byer Bros., Chambersburg, Pa.

FORGET ME NOTS.

Myosotis Elizabeth Fonrobert, true stock, the best kind for winter blooming. Well rooted cuttings, no seedlings, ready for bench, $1.50 per 100; $10.00 per 1000. Extra strong plants from bench, $2.50 per 100; $15.00 per 1000. Cash, please. W. A. Finger, Hicksville, L. I., N. Y.

Winter flowering myosotis, transplanted, July sown, $3.00 per 100. Cash.
Ehmann's, Corfu, N. Y.

Forget-me-nots, lovely blue. Large plants, 35c per 100; $2.50 per 1000.
J. C. Schmidt, Bristol, Pa.

FUCHSIAS.

Fuchsia Little Beauty, the true stock, best fuchsia extant, 2¼-in., $4.00 per 100; $35.00 per 1000. 250 at 1000 rate.
Baur Floral Co., Erie, Pa.

Finest double fuchsias, dwarf habit. Strong, well-rooted cuttings, $1.00 100; $8.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Fuchsia rooted cuttings. Black Prince and other good sorts, $1.00 per 100; $10.00 per 1000.
G. E. Fink, Kenilworth, N. J.

Fuchsias, assorted vars. R. C., $1.50 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

GARDENIAS.

Gardenia Veitchii. 3000 extra fine plants in 4-in. pots, $8.50 100; $85.00 1000.
The Hammond Co., Inc., Richmond, Va.

GENISTAS.

Genista racemosa, 6-in. pot plants, $25.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

Genistas. R. C., $1.50 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

GERANIUMS.

GERANIUMS.
S. A. Nutt, Montmort, DeFrance, Dble. White 2¼-in., $2.00 per 100; $18.00 per 1000.
Rooted cuttings, $12.00 per 1000.
Ricard and Viaud,
2¼-in., $2.25 per 100; $20.00 per 1000.
Rooted cuttings, $14.00 per 1000.
SCENTED GERANIUMS.
2¼-in., $2.00 per 100.
Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses. Dayton, O.

GERANIUM ROOTED CUTTINGS
Strong, selected, every one a plant. We grow for the trade only, and our aim is quality.
S. A. Nutt .....$12.00 per 1000
Mme. Buchner ..... 11.00 per 1000
Duc de Montmort ..... 12.00 per 1000
Beaute Poitevine ..... 14.00 per 1000
Jean Viaud ..... 12.00 per 1000
We have about 50,000 of the above ready for immediate shipment.
E. Rawlings, Wholesale Grower, Olean, N. Y.

ROOTED GERANIUM CUTTINGS.
Strictly A1 stock of the following superb bedders: S. A. Nutt (greatest dark red), Double Grant (most satisfactory scarlet bedder), Mme. Buchner (only dble. white), $1.25 per 100; $12.50 per 1000. Beaute Poitevine (salmon), Alp. Ricard (scarlet), $1.50 per 100; $15.00 per 1000. Order now and get prompt delivery.
W. T. Buckley Co., Springfield, Ill.

GERANIUMS.
2½-in. .....$20.00 per 1000
Rooted cuttings ..... 12.50 per 1000
We have the following varieties: Nutt, Ricard, Poitevine, Jean Viaud, Gloire de France, Perkins, La Favorite, Grant, Mme. Landry, Col. Thomas, Conover and several others. Send your orders now. Terms cash, please.
Swan Peterson Floral Co., Gibson City, Ill.

Geranium rooted cuttings, A No. 1. S. A. Nutt, Buchner, La Favorite, Doyle, Viaud, Perkins, Tiffany, $11.00 per 1000. Poitevine, Ricard, Trego, $14.00 per 1000. All of the above varieties mixed, $9.00 per 1000. 2-in. stock of all of the above named varieties, $2.00 per 100; $18.00 per 1000. D. R. Herron, OLEAN, N. Y.

GERANIUM ROOTED CUTTINGS.
S. A. Nutt.....$11.50 per 1000
Ricard ..... 14.00 per 1000
Poitevine ..... 14.00 per 1000
Well packed. We have no other varieties.
Albert M. Herr, Lancaster, Pa.

GERANIUMS.
S. A. NUTT, MONTMORT, DBLE. WHITE.
Rooted cuttings, $10.00 per 1000.
2-in., $2.00 per 100; $18.00 per 1000.
Cash with order.
Henry Dornbusch, R. D. 2, Dayton, O.

Strong well rooted cuttings of S. A. Nutt, Buchner, P. Henderson and Perkins, $1.25 per 100; Poitevine, $1.50 per 100. Mme. Salleroi, extra good rooted cuttings, to make room, 50c per 100; $4.50 per 1000.
E. A. Muchow, Clarence, N. Y.

Geranium cuttings, well rooted. S. A. Nutt, Buchner, Montmort, $1.25 per 100; $10.00 per 1000. Poitevine and Ricard, $1.50 per 100; $12.50 per 1000. Cash with order.
C. B. Shisler, Williamsville, N. Y.

Geranium rooted cuttings. Hill, Buchner, Double Grant, Doyle and mixed, $11.00 per 1000. Castellane, Ricard, $14.00 1000. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

GERANIUM ROOTED CUTTINGS.
S. A. Nutt, Buchner, $12.00 per 1000. Doyle, Viaud, Ricard and Jaulin, $14.00 per 1000. Cash with order.
FRED W. RITCHY, LANCASTER, PA.

Geraniums. S. A. Nutt, best of all reds, and Beaute Poitevine, best pink, $2.00 per 100; $18.00 per 1000. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Geranium rooted cuttings. S. A. Nutt, La Favorite, all A 1, good, strong, well rooted stock from sand, $12.50 1000. Cash with order please. Fred C. Greene, Oil City, Pa.

Geranium rooted cuttings. Dewey, a good double red, $10.00 per 1000. Also a good double pink Ivy geranium at $10.00 per 1000.
E. H. Frenking, Ingham Ave., Trenton, N. J.

Geraniums. Col. Thomas, Fleuve Blanc, Harcourt, R. C., $1.20 per 100.
M. E. Wyatt, Watseka, Ill.

Geranium rooted cuttings. Double Gen. Grant and Buchner, $1.00 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

Geraniums. S. A. Nutt, Mme. Buchner, Poitevine, Le Cid, 2¼-in., $2.50 per 100; $20.00 per 1000. So. Bend Floral Co., So. Bend, Ind.

Geraniums. S. A. Nutt, strong 2-in., $2.00 per 100; $18.00 per 1000. Cash.
J. J. Soper, Rockford, Ill.

Rooted geraniums. S. A. Nutt, $11.50 per 1000. Cash with order.
C. F. Treichler, Sanborn, N. Y.

Geraniums. Single Grant, 2¼-in. pots, to close out, $1.50 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

We have a surplus of Buchner rooted geranium cuttings at $8.00 per 1000. Cash.
Cherry Park Gardens, Fredonia, N. Y.

Geraniums. Nutt, Ricard, Poitevine, La Favorite, Perkins, Castellane, 2-in., $2.50 per 100.
John Irvine & Sons, Bay City, Mich.

Geraniums. S. A. Nutt and standard varieties, 2½-in., $2.50 per 100; $20.00 per 1000. Cash.
H. G. Norton, Perry, O.

Geraniums. Ricard, Poitevine, Castellane, Nutt, La Favorite, fine 2¼-in. stock, $2.00.
S. M. Harbison, Danville, Ky.

Geraniums, mixed, from rooted cuttings to 4-in. stock, any size, $1.00 to $4.00.
Mercer Floral Co., Bowling Green, O.

Geranium rooted cuttings. Ricard, $12.50 per 1000; Nutt, $12.00 per 1000.
G. E. Fink, Kenilworth, N. J.

Geranium rooted cuttings. Nutt, $1.00 per 100; Jean Viaud, $1.25 per 100.
Jacob Doerrer, Cedar St., Columbia, Pa.

Nutt Geranium rooted cuttings, $12.00 per 1000. Erie Floral Co., Erie, Pa.

Geraniums, 2¼-in., $2.00 per 100.
W. W. Dederick, Warsaw, Ind.

Geraniums. Rooted cuttings all sold until November. Rudolf Nagel, Lancaster, Pa.

GLADIOLI.

Gladioli. Fine bulbs of King, Independence, May, Klondyke, Alice Carey, Pres. Taft and the best mixtures. Prices cheap for cash.
G. B. Babcock, R. D. 80, Jamestown, N. Y.

Gladioli. Pink Beauty, see display adv. Plant now. The Bride, also Pink Bride, 60c 100; $5.00 1000. Cash.
Stevens Gladioli Co., Saginaw, W. S., Mich.

Gladiolus bulbs for forcing, mixture and named varieties.
W. E. Kirchhoff Co., Pembroke, N. Y.

Gladioli, 1¼-in. and up. Augusta and May, $12.50 per 1000; America, $25.00 per 1000. Cash.
W. Frank & Sons, Portland, Ind.

Gladioli. Blushing Bride nd The Bride, 60c per 100; $5.00 per 1000.
Storrs & Harrison Co., Painesville, O.

America gladiolus bulbs and bulblets now ready for fall shipment. Write for prices.
B. B. Currier, Seabright, Calif.

Gladioli. All the best ones in quantity.
Nat'l Cooperative Show Gardens, Spencer, Ind.

Special offer on Augusta. Big bargain.
C. H. Ketcham, N. S. D., So. Haven, Mich.

GNAPHALIUMS.

GNAPHALIUM LANATUM.

2-in. .....$2.00 per 100
Rooted cuttings ..... 6.00 per 1000
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook. Chicago, Ill.

GREVILLEAS.

Grevilleas, 4 and 5-in., 20c.
Anderson Floral Co., Anderson, S. C.

Grevillea robusta, 4-in., strong, bargain at 12c.
W. J. Olds, Union City, Pa.

GUAVAS.

Strawberry guavas, 4-in., $10.00 per 100.
Orange County Ornamental Nursery, Fullerton, Calif.

HARDY PLANTS.

Hardy pinks, fine plants, 50c per 100; $4.00 per 1000. J. C. Schmidt, Bristol, Pa.

HELIOTROPES.

HELIOTROPES.

2-in. pots.....$2.00 per 100
3-in pots..... 4.00 per 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgrebrook, Chicago, Ill.

Heliotrope rooted cuttings, 70c per 100; $6.00 per 1000; by mail, 10c per 100 extra; 2¼-in., $2.00 per 100, $18.00 per 1000. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Heliotropes, dark; good stock. Strong and well-rooted cuttings, 75c 100; $6.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Heliotrope rooted cuttings, 75c per 100 postpaid; 2¼-in. pots, 2c.
C. H. Jacobs, Westfield, Mass.

Heliotrope rooted cuttings, 75c per 100, mailing 10c; 2¼-in., 3c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Heliotropes, strong 2½-in., $2.00 per 100.
Thos. Salveson, Petersburg, Ill.

HELLEBORUS.

HELLEBORUS NIGER.

The Christmas rose. Strong blooming clumps, sure to please, $22.00 per 100; smaller plants, $18.00 per 100. Cash with order.
The Kaber Co., La Porte, Ind.

HIBISCUS.

25 5-in. Hibiscus Peachblow, $12.00 100.
Thos. Salveson, Petersburg, Ill.

HOLLYHOCKS.

Hollyhocks, double; separate colors. Fine field-grown plants that will bloom next season, 75c per 100; $5.00 per 1000. J. C. Schmidt, Bristol, Pa.

Double hollyhocks, in separate colors, $3.00 per 100. U. G. Harglerode, Shippensburg, Pa.

HONEYSUCKLES.

Honeysuckles, Hall's Japan, 1-yr. old.
H. P. Neun, 941 South Ave., Rochester, N. Y.

HYDRANGEAS.

Hydrangea Otaksa, fine pot grown stock, 4-in., 2 to 3 shoots, $15.00 per 100; 5-in., 2 to 3 shoots, $20.00 per 100; 6-in., 3 to 5 shoots, $35.00 per 100.

Hydrangea Otaksa, field-grown. Extra specimens for large tubs, 12 to 15 shoots, $1.00 each.
Storrs & Harrison Co., Painesville, Ohio.

	Per 100
Hydrangea Otaksa, 6-in., 3 to 6 crowns	$30.00
Hydrangea Otaksa, 5-in., 3 to 5 crowns	20.00
Hydrangea Otaksa, 4-in., 2 to 5 crowns	12.50
Hydrangea Thos. Hogg, 4-in., heavy plants	10.00

J. WILLIAM COLFLESH'S SONS,
53rd & Woodland Ave., Philadelphia, Pa.

Hydrangea Otaksa, pot-grown, 6-in., 6 to 10 shoots, $3.50 doz., $25.00 100; 5-in., 3 to 6 shoots, $2.00 doz., $15.00 100; 4-in., 2 to 3 shoots, $1.50 doz., $10.00 100; 2¼-in., $3.00 100; rooted cuttings, $1.50 100.
G. E. Fink, Kenilworth, N. J.

Hydrangea Otaksa, pot-grown, 3-in., 10c; 4-in. to 10-in., from 2 to 20 shoots, to bloom for Easter, 20c to $2.00 each. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

Hydrangea Otaksa, 3-in., will bloom this season, $4.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Hydrangea arborescens grandiflora alba, large 2-yr. field-grown, $12.00 per 100.
Geo. H. Mellen Co., Springfield, O.

Strong, field-grown Hydrangea Otaksa, 3 to 5 shoots.
H. P. Neun, 941 South Ave., Rochester, N. Y.

Hydrangea Otaksa, field-grown, 1 shoot, 6c; 2 shoots, 10c; 3 shoots, 15c.
Erie Floral Co., Erie, Pa.

Hydrangea Otaksa, field grown. 1 crown plants, 6c; 2 crown, 8c; 3 crown, 10c.
Baur Floral Co., Erie, Pa.

IMPATIENS.

200 4-in. Impatiens Sultani, nice, clean, large, in bloom, 10c each. Cash.
C. W. Harrold, Decatur, Ill.

Impatiens Sultani. R. C., $1.00 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

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Irises, Japanese, 50 varieties, $3.50 per 100.
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ENGLISH IVY.

3-in. pots .....doz., $0.75
4-in. pots .....doz., 1.50

GERMAN IVY.

2-in. pots .....$2.00 per 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook. Chicago, Ill.

German ivy. R. C., 50c per 100, mailing 10c; 2¼-in., 2½c.
English ivy, 2½-in., 4c; R. C., $1.00 100, $9.00 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

German ivy. Strong well rooted cuttings. Special to make room, 40c per 100; $3.50 per 1000. Satisfaction guaranteed.
E. A. Muchow, Clarence, N. Y.

German ivy, 2¼-in., $1.50 per 100; rooted cuttings, 60c per 100, $5.00 per 1000.
L. H. DORNBUSCH
Hills and Dales Greenhouses, Dayton, O.

Ivies. German, R. C., 60c 100. Kenilworth, R. C., 60c 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

English ivy, strong plants from 2½-in. pots, $4.00 per 100.
Geo. H. Mellen Co., Springfield, Ohio.

English ivy, R. C., $1.00 100; mailing 10c.
R. S. Hoxie, Mattapoisett, Mass.

Ivies. German, 60c. English, $1.00, prepaid; 2½-in. Eng., $4.00. Chas. Frost, Kenilworth, N. J.

English ivy, 3-in., $5.00 per 100. Orange County Ornamental Nursery, Fullerton, Calif.

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LANTANA DELICATISSIMA.

2-in. .....$2.00 per 100
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Of The Geo. Wittbold Co.,
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Weeping lantanas. Strong plants from 2½-in. pots, $3.00 per 100.
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Mercer Floral Co., Bowling Green, O.

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Lily of the valley, cold storage, for Christmas flowering, $1.75 per 100; $15.00 per 1000. Chicago Market Brand, $2.00 per 100; $16.00 per 1000.
H. N. Bruns, 3038 W. Madison St., Chicago.

LOBELIAS.

Lobelia Kathleen Mallard, the new double. I have 50,000 extra large and well rooted cuttings, transplanted into soil, and if you want good, clean, healthy stocks for spring trade, order now. Well packed to stand any weather; satisfaction guaranteed. 65c per 100, by mail; $4.50 per 1000, by express.
S. A. Pinkstone, York & Hickory, Utica, N. Y.

LOBELIA KATHLEEN MALLARD.

2-in. .....$3.00 per 100; $25.00 per 1000
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of the Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Lobelia Kathleen Mallard, the new double. Rooted cuttings from soil, 65c per 100 by mail; $4.50 per 1000 by express.
Whitton & Sons, City & Green, Utica, N. Y.

Lobelia Kathleen Mallard, R. C., 50c per 100.
M. E. Wyatt, Watseka, Ill.

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MISTLETOE, SILLIMAN'S EVERY SPRIG BERRIED BRAND. Now booking orders for December shipment. QUALITY QUARANTEED.
A. B. Silliman & Co., Boone, Iowa.

NURSERY STOCK.

Altheas	Philadelphus
Barberries	Privet
Deutzias	Spiraeas
Forsythias	Weigelias
Hydrangeas	Viburnums

Write for price list.
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Lilacs for forcing and gardens. Marie Legraye, Charles X, Mme. Lemoine, Souv. de L. Spaeth, Mme. Casimir Perier, Marley Rouge. Conifers, large trees in variety. Description and price on application.
A. I. Anderson, Sherwood, Ore.

My catalogue for 1911 of native trees, shrubs, bulbs and plants is now ready to mail.
L. E. Williams, Exeter, N. H.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS.
ELLWANGER & BARRY, ROCHESTER, N. Y.

PALMS, ETC.

ARECA LUTESCENS.

Pots		Doz.	100
3-in., 3 plants in pot		$2.00	$15.00

COCOS WEDDELIANA.

2-in. pots	doz.,	$1.75;	100, $14.00
3-in. pots	doz.,	2.50;	100, 20.00

KENTIA BELMOREANA.

Pots	Height	Leaves	Each	Doz.	100
2½-in.	3-in.	4	.....	$ 1.50	$12.00
3-in.	8 to 10-in.	4 to 5	.....	2.00	15.00
4-in.	12 to 15-in.	4 to 5	.....	3.60	30.00
5-in.	18 to 20-in.	5 to 6	$ 0.75	9.00	.....
7-in.	28 to 30-in.	6 to 7	2.50	30.00	.....
7-in.	40 to 44-in.	6 to 7	4.50	.....	.....
8-in.	44 to 45-in.	7 to 8	5.50	.....	.....
9-in.	48 to 50-in.	7 to 8	8.00	.....	.....
9-in.	50 to 54-in.	7 to 8	10.00	.....	.....

KENTIA FORSTERIANA.

Pots	Height	Leaves	Each	Doz.
2-½-in.			.....	$ 1.50
3-in.			.....	2.00
4-in.			.....	3.60
5-in.			.....	5.00
5-in.	20 to 24-in.	4 to 6	$0.75	9.00
6-in.	30 to 35-in.	4 to 6	1.00	12.00
7-in.	36 to 38-in.	5 to 6	2.50	.....
8-in.	40 to 42-in.	5 to 6	4.50	.....
9-in.	46 to 50-in.	6 to 7	7.00	.....

MADE-UP PLANTS.

Pots	Height	Plants in pot	Each
7-in.	24 to 30-in.	3 to 4	$ 2.50
9-in.	50 to 54-in.	3 to 5	8.00
10-in.	58 to 60-in.	4 to 5	10.00
12-in.	62 to 70-in.	4 to 5	15.00

LATANIA BORBONICA,

2-in., 1 to 2 leaves.	per 100,	$3.00; per 1000,	$25.00
4-in. pots	per doz.,	3.00; per 100,	20.00
5-in. pots	per doz.,	5.00; per 100,	40.00

PANDANUS UTILIS.

3-in. pots	per doz.,	$2.00

PANDANUS VEITCHII.

4-in. pots	each,	$0.50; per doz.,	$ 5.50
5-in. pots	each,	.75; per doz.,	9.00
6-in. pots	each,	1.00; per doz.,	12.00

PHOENIX CANARIENSIS.

7-in. pots, 36 to 40-in. high	each, $ 2.50
10-in. pots, 50 to 54-in. high	each, 8.00
10-in. pots, 60 to 64-in. high	each, 10.00

PHOENIX RECLINATA.

4-in. pots	each, $0.25; doz.,	$3.00; 100,	$20.00
5-in. pots	each, .50; doz.,	5.00	
6-in. pots	each, .75; doz.,	9.00	

PHOENIX ROEBELENII.

Pots	Each	Doz.	100
2½-in.	.....	$2.00	$15.00
3-in.	.....	3.00	22.50
5-in.	.....	9.00	70.00
6-in.	$2.00	.....	.....
7-in.	2.50	.....	.....

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

"FULL OF LIFE" CLEAN, HEALTHY STOCK.

	Select.	Doz.	100
Pandanus Veitchii	3-in	$3.50	$25.00
Pandanus Veitchii	4-in	5.50	45.00
Kentia Belmoreana	4-in	5.00	35.00
Kentia Forsteriana	4-in	5.00	35.00

Cash. Prompt express shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses. Rockford, Ill.

PALM SALE.

We have some 1000 palms, from 4-in. up to 8-in. pots, of Kentia (both varieties), Latania borbonica, Phoenix (two varieties), which we want to close out at once. Will make a close cash price to any one that is able to handle the lot, or will sell in dozen lots. Send for list.
Chillicothe Floral Co., Chillicothe, O.

2000 2¼-inch Kentia Belmoreana.
500 3-inch Kentia Forsteriana.
1000 2¼-inch Chamaerops Excelsa.
200 2¼-inch Phoenix reclinata.
500 2¼-inch Latania borbonica.
$150.00 cash takes the lot.
GEO. JUST. JACKSONVILLE, FLA.

Cocos Weddeliana, grand 2½-in. stock, $10.00 per 100.
Kentia Forsteriana for decorating, 8-in. tubs, 40 to 44 in. high., $4.00 each; 8-in. tubs, 44 to 48 in. high, $5.00 each.
Storrs & Harrison Co., Painesville, O.

Kentia Belmoreana from 2¼-in. pots, 3 leaves, $6.00 per 100; $55.00 per 1000. Cash or satisfactory references with order.
B. Soltau Fernery,
199 Grant Ave., Jersey City, N. J.

Pandanus Veitchii, 3-in. pots, $10.00 per 100; 4-in., $20.00 per 100; bench-grown, 10 in. high, $10.00 per 100; 15 in. high, $15.00 per 100.
J. J. Soar, Little River, Florida.

Pandanus Veitchii, bench-grown plants, 10 in. high, $10.00 per 100; suckers, $4.00 per 100.
F. M. Soar, Little River, Fla.

Kentias. Big stock. Write for prices.
Holton & Hunkel Co., Milwaukee, Wis.

PANSIES.

Think of the strain of pansies containing light, dark, lavender, violet, blue, bronze, royal purple, red, cerise, salmon, mahogany, yellow and red and gold shades, a dozen or more varieties in each shade, of immense size with great form and substance. They are MASTODON PANSIES. It has cost us hundreds of dollars and eighteen years' time to upbuild this strain and it is worth all it cost. We guarantee perfect order delivery everywhere and we guarantee satisfaction. Plants, 50c 100; $3.00 1000; $12.50 5000, prepaid.
Steele's Mastodon Pansy Gardens, Portland, Ore.

PANSIES—Continued.

HOME OF PANSIES.

Our growing crops of pansies for seed were greatly admired by all florists who saw them this last summer. All said they were grand—some said they were the best they had ever seen. We reserved over 50,000 of our best for seed growing and they certainly were a pretty sight. We are improving on them annually, and have a fine lot of red, red shades and other crosses of our own origin and nearly all colors and shades found in pansies. We started a few for a test very early and they have surprised us as to coloring and size of flowers; showing improvement over parent stock. You cannot go wrong if you place your order with us. If, upon blooming, you are not perfectly satisfied I will return every cent you paid for them. I made this same offer last year and had not a kick and I am better prepared to make it now than I was then. Our plants are in excellent shape owing to the good growing weather this fall; they are twice as heavy as last year and too large to go by mail. Our packing is right, we land them safe in Louisiana, Florida, California and other distant points. Have a large stock, all strong, sturdy, field-grown. Am receiving numerous testimonials and now have a large list of annual customers. Our collection contains no black, unless so ordered. We have a good stock of black which we keep separate. We can also supply, separate, Masterpiece, Giant Mme. Perret and Giant Prize Trimardeau; also blood red and Golden Queen, separate. All at the same price, $2.50 1000; 5000, $10.00. Liberal count.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

PANSY PARK PERFECTION is the most thoroughbred strain of giant show and fancy pansies. The growing of pansy seeds and plants a specialty for nearly 40 years. Plants lightly packed and billed through at lowest rates and delivery in good condition guaranteed to any place in the U. S. Samples of what others say—"Pansy plants arrived in best possible condition and as to quality, were strong, sturdy, well rooted. I have bought from you for the last 4 years and have never seen such a variety of colors. I used to buy the very best seeds and plants possible but I have never been able to procure anything to equal yours." C. C. Wonneman, Mexico, Mo. "Pansy plants received in fine condition. They have the finest roots I have ever seen." J. L. Martin, Shreveport, La. If you want more proof see testimonials in my previous advs. in Review. An immense stock of fine field-grown plants from seed, sown thinly broadcast, so that each plant has plenty of room to grow stocky and strong with extra good roots. All varieties, mixed, 1000, $3.00; 500, $1.75; 5000, $14.00; 10,000, $27.00. Cash.
L. W. Goodell, Pansy Park, Dwight, Mass.

An offer of your surplus stock, carried in THE REVIEW'S classified department for a week or two will be seen by nearly every buyer in the trade.

Choice pansy plants, July growth, ready now, no better mixture, 50c 100; $4.00 1000.
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Pansy plants, grown from the finest giant mixtures, $3.00 per 1000. Cash. No order less than 500. John Lappe, Maspeth, L. I., N. Y.

Pansies, strong transplanted, for flowering in greenhouse, best sorts, $2.00 per 100.
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PELARGONIUMS.

Pelargoniums, 2½-in. stock, named varieties, 20 best varieties grown. Our selection, $5.00 per 100; your selection, $7.00 per 100. Cash with order. Will exchange for any variety we do not have. The Newburys, Mitchell, S. D.

Pelargoniums, assorted varieties, 2-in., ready for shift, $3.00 per 100.
Williams & Clark Floral Co., Muncie, Ind.

Pelargonium Robert Green, 2½-in., $4.00 per 100. Johnson Floral Co., Kendallville, Ind.

PEONIES.

Peonies in separate colors, including early and late blooming kinds, in white, pink, rose and red; equal amounts of same or in separate colors. Heavy divisions, $1.50 per doz., $7.50 per 100; $65.00 per 1000; medium, $5.00 per 100; $45.00 per 1000; small, $3.00 per 100; $25.00 per 1000. Cash, please.
Wm. A. Finger, Hicksville, L. I., N. Y.

Peonies in any quantity. Write for prices on list of your wants.
Gilbert H. Wild, Sarcoxie, Mo.

Peonies, 40 best commercial varieties. Strong plants, $5.00 per 100 and up.
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Peonies. Excellent stock, leading commercial varieties. Wild Bros. Nursery Co., Sarcoxie, Mo.

Peonies only, by the wholesale. Best 100 varieties. J. F. Rosenfield, West Point, Neb.

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Peperomias, silver striped, 2½-in., $3.50 per 100; $30.00 per 1000.
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Dreer's double petunias, 6 choicest colors and varieties; just what you need for propagating, 3-in., 5c. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Dreer's double petunias, selected large flowering doubles, finely fringed, mixed colors. Rooted cuttings, $1.00 100, $9.00 1000; 2-in., $2.00 100. Cash. J. P. Cannata, Mt. Freedom, N. J.

Petunias, double fringed. Strong rooted cuttings, $1.00 100.
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2000 D. petunias, $2.00 per 100.
Mercer Floral Co., Bowling Green, O.

Petunias, double red, pink, variegated, 2¼-in., 3½c. Hammerschmidt & Clark, Medina, O.

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PANS OF POINSETTIAS.
Fine bracts for Christmas.
6-in., 3 in a pot.....75c each
7-in., 4 in a pot.....$1.00 and $1.25 each
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Poinsettia headquarters. Good, strong stock, showing color 3-in., $10.00 per 100; 5-in., made-up, $6.00 to $9.00 per doz.; 6-in., $9.00 to $12.00 per doz. Cash, please.
Rober & Radke, Maywood, Ill.

Poinsettias in fine shape for Christmas. From 3, 3½, 4 and 5-in. pots, 12c to 35c each; made-up pans with ferns, 50c to $1.50 each. Cash.
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Poinsettias, 2½-in., 6 in. high, bud and bloom, nice for ferneries, 6c each; $5.00 per 100.
Krueger Bros., Toledo, O.

Poinsettias, August propagated, just right for pans, 2½-in., $4.00 per 100.
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Primulas. Obconica grandiflora, fringed, Ronsdorfer and Lattmann's strain, in following colors: kermesina, rosea, lilacina and alba, from 4-in. pots, assorted, 7c. Gigantea, Arendsi strain, in same colors as above, assorted, 4-in., 8c. This stock is all strong, with heavy crowns, some in bud and bloom. Sample mailed for 10c or a bloom sent free on request. Cash or satisfactory reference. C. F. Mahan, R. D. 8, Dayton, O.

PRIMULA OBCONICA.
3-in. pots.....per doz., $0.75; per 100, $6.00
PRIMULA SINENSIS.
4-in. pots.....per doz., $1.50; per 100, $10.00
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Primula obconica. Best imported stock of large flowering strains, in bud and bloom. 2¼-in., $2.50 per 100; 3-in., $4.50 per 100; 5-in., $10.00 per 100. Cash.
Chinese primroses, finest fringed, in full bloom, mixed, 4-in., $8.00 per 100; 5-in., $15.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Primulas. Obconica and Forbesi, strong 2-in., ready for 4-in. pots, $1.50 per 100. Chinese, 4-in., $8.00 per 100. Obconica, 4-in., $6.00 per 100. All the above are A No. 1. Order now and get stock you will be pleased with. We defy all competition. Ferns, cash with order.
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Primula obconica. Pink, 2½-in., $3.00 per 100; 3-in., $6.00 per 100. Red, 2½-in., $3.00 per 100; 3-in., $6.00 per 100.
These primulas have been grown from a fine strain of seed and are extra nice.
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Primula obconica, Ronsdorfer strain, in bud and bloom, 3½-in., 6c. Chinese primulas, good colors, in bloom, 4½-in., 10c. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Primula obconica grandiflora, 3-in., partly in bloom, $6.00 per 100; 4-in., in full bloom, $2.00 per doz. Chinese primroses, 4-in., $10.00 per 100. Cash, please.
Rober & Radke, Maywood, Ill.

Primula obconica gigantea, our Royal mixture. Strong stock, in bud, ready for shift, 2½-in., $2.75 100. Kewensis, also in bud, 2½-in., $2.50; 3-in., $5.00; 4-in., $8.00 100. Cash.
Freeport Floral Co., Freeport, Ill.

Chinese primroses, extra fine plants, large flowering, mixed colors, in bud and bloom. 4-in., large plants, 10c, $8.00 per 100; 5-in., extra large plants, $15.00 per 100. Cash.
Wm. A. Fenical, Harrisburg, Pa.

Chinese primroses, finest fringed, mixed colors, 3-in., $4.00; 2-in., $2.00; 4-in., $6.00 per 100. Kewensis, 3-in., $3.00. Extra good plants. Cash. M. S. Etter, successor to John F. Rupp, Shiremanstown, Pa., The Home of Primroses.

FLOWERING FOR CHRISTMAS.
Primroses, well in flower, 5-in., 25c; 6-in., 40c. Several colors.
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Chinese primroses, a superb strain, large fringed flowers, many colors equally mixed, in bud and bloom, 4-in., $6.00 per 100.
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Primula obconica, rosea, grandiflora, alba and carminea, from 2½-in., strong plants, $3.00 per 100.
H. P. Neun, 941 South Ave., Rochester, N. Y.

Primula obconica, best large flowering strain. Strong, 2½-in. pot plants, $3.00 per 100; $25.00 per 1000. Cash with order. 500 at 1000 rate.
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P. obconica grandiflora, alba, rosea, lilac, hybrida, rubra, compacta, Forbesi, 2c; sanguinea, carmine, gigantea, 2½c. All 2-in. pots. Cash.
Byer Bros., Chambersburg, Pa.

Primula obconica, 4-in., 10c; 5-in., 20c.
Mosbæk Greenhouse Co., Onarga, Ill.

Primula obconica, strong plants. Gigantea, rosea and kermesina; grandiflora, rosea, permesina and alba, 2-in., 2½c; 3-in., 6c. Kewensis, 2-in., 2½c. Cossairt & Sons, Shelbyville, Ind.

Primula obconica gigantea, mixed colors. Strong 4-in., $7.00 per 100; 50 extra heavy 6-in., 25c each. H. B. Snow, Camden, N. Y.

Primulas Obconica, alba and rosea, $1.75 per 100; $17.00 per 1000. Cash.
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Chinese primulas, 3-in., ready to shift, 5c. Primula kermesina, 3-in., ready to shift, 5c.
U. G. Harglerode, Shippensburg, Pa.

Primulas, Chinese and obconica, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Primroses, obconica, 2¼-in., $2.00 per 100; 3-in., $3.00 per 100; 4-in., $6.00 per 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

Chinese primulas, 4-in., in bloom, extra fine, $8.00 per 100. Cash.
Haentze Co., Fond du Lac, Wis.

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REVIEW Classified Advs.

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Primula sinensis, good crop.
J. Hasslach, St. Remy de Provence, France.

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CALIFORNIA PRIVET.

2-yr.,	12 to 18 in., 5 to 8 branches...	$10.00 1000
2-yr.,	18 to 24 in., 5 to 8 branches...	12.50 1000
2-yr.,	2 to 3 ft.....	15.00 1000
2-yr.,	3 to 4 ft.....	20.00 1000
1-yr.,	2 to 3 ft., 3 to 5 branches.....	12.00 1000

TRUE EVERGREEN AMOOR RIVER.

18 to 24 in.,	well branched.....	$17.50 1000
2 to 3 ft.....		25.00 1000
3 to 4 ft.....		30.00 1000

SOUTHSIDE NURSERIES, CHESTER, VA.

200,000 2-yr. Cal. privet, all sizes, $1.50 per 100 and up. Large stock Ampelopsis Veitchii, Clematis paniculata, hydrangeas, etc. Get my list.
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CALIFORNIA—Any quantity, size, age. Not any better grown. Write for prices on it. Fruit and ornamental trees, shrubbery, etc.
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California privet. A splendid lot of fine well graded 2-yr. stock. For particulars see our display adv. Chas. Black, Highstown, N. J.

Privet, strong 1-yr.-old plants.
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RHODODENDRONS.
Not in bloom, but in fine shape for Christmas forcing.
Christmas Cheer.....75c, $1.00, $1.25 each
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of the Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

ROOTED CUTTINGS.

ROOTED CUTTINGS.
Ivy geraniums, a collection of up-to-date sorts, $1.50 per 100. Tradescantia discolor, strong cuttings, 75c per 100. Coleus, a fine collection of the best sellers, including Verschaffeltii and Golden Bedder, 75c per 100; $6.00 per 1000. German ivy, 60c per 100. Cupheas (cigar plant), 70c per 100. Alyssum, double giant, 70c per 100. Heliotrope, blue, 75c per 100.
John Irvine & Sons, Bay City, Mich.

Paris daisy, giant yellow and giant white, Gem feverfew, heliotropes, genistas, abutilons, fuchsias, 6 kinds, $1.00 per 100. Cupheas, 75c per 100. Ageratum, 4 kinds, 60c per 100. Alternantheras, 4 kinds, 50c per 100. Moonvines, $1.50 per 100. Rose geraniums, $1.25 per 100. Cash with order.
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Let me root cuttings for you. Send for list at rock bottom prices and you will get cuttings with roots on them. Many ready Dec. 15.
R. E. Rathbun, Sioux City, Iowa.

ROSES.

ROSES—Send for complete list.

American Pillar, 3-yr.	$35.00 100
American Pillar, 2-yr.	25.00 100
Dorothy Perkins	12.00 100
Lady Gay, 4 to 5 ft.	16.00 100

Conard & Jones Co., West Grove, Pa.

Roses, 2-yr., own roots, field-grown. Dorothy Perkins, Baltimore Belle, Pink and White Ramblers, 5c; Yellow Ramblers, 7c; Queen of Prairie, etc., 6c; Crimson Rambler, Baby Rambler and H. P. roses, 8c and 10c.
Gilbert Costich, Rochester, N. Y.

ROSES.

Bride, 3½-in.	$6.00 per 100
Killarney, 3½-in.	10.00 per 100

Cash with order.
Rosemont Gardens, Montgomery, Ala.

American Beauty bench plants, 2-yr.-old, $5.00 per 100; $40.00 per 1000.
Kaiserin bench plants $5.00 per 100; $40.00 per 1000. Holton & Hunkel Co., Milwaukee, Wis.

225 best varieties—old, new, tried, true.
Leedle Co., Expert Rose Growers, Springfield, O.

ROSEMARY.

Rosemary R. C., $1.50 100. Cash.
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RUBBERS.

FICUS ELASTICA.

6-in. pots .....each, 50c; doz., $6.00

FICUS REPENS (vine).

2½-in. pots .....each, $0.50

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
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"FULL OF LIFE" STRONG, HEALTHY STOCK

	Select	Doz.	100
Ficus Belgica	3-in.	$2.50	$20.00
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Cash. Prompt express shipment.
Rockford Seed Farms, H. W. Buckbee,
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Rubbers, fine 5-in. stock, 35c each.
Holton & Hunkel Co., Milwaukee, Wis.

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Holt's Mammoth sage, 2½-in. pots, $3.00 per 100. Geo. H. Mellen Co., Springfield, Ohio.

SALVIAS.

SALVIA ROOTED CUTTINGS.

Bonfire .....$6.00 per 1000
Zurich ..... 6.00 per 1000

2-IN. POTS.

Bonfire .....$2.00 per 100
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Salvias, splendens, Bonfire, R. C. or transpl., 90c per 100, mail 10c per 100; 2¼-in., 2c. Cash. W. E. Trimble Greenhouse Co., Princeton, Ill.

Salvia Bonfire. R. C., $6.00 1000. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

1000 salvias. Splendens and Bonfire, 2-in., 2.00.
Mercer Floral Co., Bowling Green, O.

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Seed packets and bags. Catalogue, clasp and commercial envelopes, printed or plain. "If it's a Spangler bag it's a good one." Estimates furnished.
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FLORIDA GROWN.
ASPARAGUS PLUMOSUS NANUS SEED
FROM NEXT CROP.
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Aster seed. All the best varieties.
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SMILAX.

500 smilax, 3-in. pots, strong, sturdy plants, twice cut back, $2.00 per 100.
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Smilax, fine plants, cut back, 2¼-in., $2.00 per 100. Cash, please.
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Smilax, fine plants, cut back several times, bushy, out of 2½-in., $1.50 per 100; $12.50 per 1000. J. C. Schmidt, Bristol, Pa.

Smilax. 900 strong 2¼-in. at $2.00 per 100 or the lot $16.00. Cash.
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Smilax. Good, strong, bushy 2-in. plants, $2.00 per 100. Addems, Morgan & Co., Paxton, Ill.

Smilax seedlings, 40c per 100.
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Snapdragon, florists' giant white, pink, yellow, orange, red, bronze. Strong R. C., $1.00 per 100, $9.00 per 1000; mail 10c per 100. Cash.
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Snapdragons, giant white, red, pink and yellow, 2-in., $2.00; $18.00 per 1000. Cash.
Byer Bros., Chambersburg, Pa.

500 snapdragons, large enough for 3-in. pots, 5 colors, mixed, $2.00 per 100. Cash, please.
C. W. Harrold, Decatur, Ill.

Snapdragons, best for cutting, white, pink, yellow and red, 2-in., $2.00 per 100.
John Irvine & Sons, Bay City, Mich.

Snapdragons, large flowering, 3-in. stock, $4.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Snapdragons, giant flowering, white, pink, red and yellow. Fine 2½-in. plants, $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

Snapdragons, frame grown. Firefly, white, yellow, 2-in., 2c. J. L. Schiller, Toledo, Ohio.

STOCKS.

Stocks. Winter flowering Nice, Almond Blossom, flesh color, light blue, white; frame-grown, 2-in., 2½c. J. L. Schiller, Toledo, Ohio.

Stocks. For special prices see display adv.
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SOLANUM ACULEATISSIMUM.

6-in. pots, strong plants, each, 50c; doz., $5.00

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Swainsona alba, 3-in., $5.00 per 100; $45.00 per 1000. Hammond Co., Inc., Richmond, Va.

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Winter flowering sweet peas. Now is the time to plant them. Order quick. WHITE—Denzer, Mont Blanc. PINK—Christmas Pink, Earliest of All, Mrs. Dolansky, Mrs. Wm. Sim, Mrs. Wild. LAVENDER—Wallace. Well established in 2½-in. pots.
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Sweet peas. Florence Denzer, Watchung, Mrs. F. J. Dolansky, Pink Watchung, Mrs. C. H. Totty, Miss Josey Reilly, Greenbrook, Mrs. Alex. Wallace, winter-flowering; several plants to the pot, $3.00 per 100 pots. Cash, please.
R. E. Wadsworth & Co., Northboro, Mass.

Sweet peas, Christmas Pink, Mrs. C. H. Totty, Mrs. F. Dolansky, Snowdrift, 4-in., 3 to 5 to the pot, $5.00 per 100 pots.
Baur Floral Co., Erie, Pa.

Sweet peas, Xmas White, Xmas Pink, 3 to 5 plants to the pot, $3.00 per 100. Cash, please.
Geo. A. Relyea, Orchard Pl., Poughkeepsie, N. Y.

Sweet peas. For special prices see display adv.
John Irvine & Sons, Bay City, Mich.

SWEET WILLIAMS.

Sweet williams, mixed colors, 35c per 100; $2.50 per 1000. J. C. Schmidt, Bristol, Pa.

TRADESCANTIAS.

TRADESCANTIA VARIGATA.
(Wandering Jew.)

2-in. pots.....doz, 40c; per 100, $3.00

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TRADESCANTIAS. 10,000 Wandering Jew R. C., tricolor and green, 60c per 100, $5.00 per 1000; 2½-in., 2c. Cash. Mailing, 10c.
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250 variegated Wandering Jew. Good heavy 3-in. stuff, 3c. Cash, please.
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Tulips, single. Superfine mixture, 70c per 100; $6.00 per 1000. Named, colors—red, white, rose and yellow, 80c per 100; $7.00 per 1000. Darwin, special mixture, 90c per 100; $8.00 per 1000. Gesneriana, Marcrophila (scarlet), 80c per 100; $7.50 per 1000.
Storrs & Harrison Co., Painesville, O.

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CYPERUS ALTERNIFOLIUS.

4-in. .....$1.25 doz.; $8.00 100

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Umbrella plants, 3-in., $1.00 per doz. Cash, please. John Bauscher, Jr., Freeport, Ill.

Umbrella plants. For special prices see display adv. John Irvine & Sons, Bay City, Mich.

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CABBAGE PLANTS.

Charleston and Jersey Wakefield, All Head, early, Flat Dutch, Succession and Danish Ball Head, $1.00 1000; 10,000 or over, 85c 1000.

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Grand Rapids, Defiance, Large White Loaf, Big Boston, Baltimore Big Head and Baltimore Cabbage Head, $1.00 per 1000; 10,000 or over, 85c per 1000.

Cash, please.
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Grand Rapids lettuce plants, extra well rooted plants. Seedlings, $1.00 per 1000; transplanted, $1.75 per 1000. Will ship same day we receive the order.
City Greenhouse Co., Inc., Findlay, O.

Grand Rapids lettuce plants, stocky, $1.00 per 1000; 10,000 for $7.50. Double Curled parsley, fine field plants, $1.50 per 1000.
J. C. Schmidt, Bristol, Pa.

RHUBARB. Extra large clumps for forcing, 20c each.
Sluis Seed Store, 544 W. 63rd St., Chicago.

100,000 Grand Rapids lettuce plants, $1.00 per 1000; transplanted plants, fine, $2.00 per 1000.
Sourdry Bros., Girard Kan.

Grand Rapids lettuce plants, transplanted, $2.00 per 1000.
Loyd C. Bunch, Fredonia, Kan.

Lettuce plants, $1.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Comet and Lorillard forcing tomatoes, 2½-in., $2.00 100. Roney Bros., West Grove, Pa.

VERBENAS.

Lemon verbena rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

Lemon verbena rooted cuttings, $1.00 per 100, prepaid. G. E. Fink, Kenilworth, N. J.

Lemon verbena R. C., $1.50 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

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Vincas, variegated and green. We have benched a fine lot of field rooted layers, from which we will select the very strongest, at $1.00 per 100; $10.00 per 1000. These are giving excellent satisfaction everywhere they go. We still have a few extra heavy clumps at $4.00 per 100. Cash. W. J. Engle, R. D. 8, Dayton, O.

VINCAS.

4-in. pots.....per doz., $2.00; per 100, $15.00

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Vinca variegata. Sold out of field-grown clumps. Will have fine 2, 3 and 4-in. potted plants to offer later. Watch for adv.
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Vincas. Fine, heavy 4-in., $7.00 per 100; well rooted tips, $10.00 per 1000.
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Vinca variegata R. C., $1.00 100 prepaid.
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Vinca variegata. Strong field-grown plants, $4.00 per 100. Vern L. Schluraff, Erie, Pa.

VIOLETS.

Marie Louise violet blooms now ready, A No. 1 quality. For month of November, $1.00 per 100; $7.50 per 1000. Cash with order, please.
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Violets. Fall rooted plants of Lady Campbell, $10.00 per 1000.
A. B. Campbell, Cochranville, Pa.

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Wallflowers, fine plants, 35c per 100; $2.50 per 1000. J. C. Schmidt, Bristol, Pa.

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Wanted—A few thousand tulips, Cottage and Darwin, at clearing price. Shasta daisies for sale, strong and clean, $2.00 100.
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Ivy geraniums, best varieties, 2½-in., $3.00 per 100. Cinerarias, a grand assortment, 2-in., $2.00 per 100. Stocks, winter flowering, 2-in., $2.00 per 100. Grevillea robusta, 2-in., $3.00 per 100. Umbrella plants, 2-in., $2.00 per 100. Ferns for dishes, 2-in., $3.00 per 100. English ivy, 4-in., $10.00 per 100. Poinsettias, 2½-in., $4.00 per 100. Geraniums, 2-in., $2.50 per 100. Sweet peas, winter flowering, 3-in., $3.00 per 100 pots. Lantanas, fine varieties, 2-in., $2.50 per 100. John Irvine & Sons, Bay City, Mich.

LOOK under headings of primulas, chrysanthemums and asparagus and note what we are offering. Freeport Floral Co., Freeport, Ill.

TO EXCHANGE.

To Exchange—Field-grown carnations; these plants are very fine, we have them heeled in a cold frame to keep them from frost. Sangamo, Victoria, May Day, Lawson-Enchantress, Winsor, $4.00 per 100, $35.00 per 1000, for any kind of potted plants.
H. P. Kleinhaus, 66 Center Sq., Easton, Pa.

To Exchange—One Globe valve, 3-in., 1 Honeywell generator, No. 2, good as new, and several hundred carnation supports, 3-leg extension. Will sell at reasonable price or take any stock that I can use.
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To Exchange—Clean stock plants of Bonnaffon, Ivory, Eaton, Appleton, Maud Dean for field-grown clumps of dahlias.
Deerfield Nursery, Deerfield, Ill.

To Exchange—Boston ferns, 2½, 4, 5 and 6-in., good, thrifty plants for geranium cuttings, primroses or cyclamen.
Hofmann Floral Co., Jacksonville, Ill.

To Exchange—Golden Glow, Pacific supreme, Halliday and Touset chrysanthemum stock plants at $3.00 per 100, for ferns or anything we can use. Scharff Bros., Van Wert, O.

To Exchange—Asparagus Sprengeri, 2½-inch, $3.00 per 100, for primula or cyclamen plants.
Weber Bros., Ironton, Ohio.

CARNATION STAPLES.

Pillsbury's carnation staples, 50c per 1000. Postpaid. I. L. Pillsbury, Galesburg, Ill.

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Folding cut flower and corrugated design boxes. See our display adv. Write for price list. The Sefton Mfg. Co., 1333 W. 35th St., Chicago.

All sizes of cut flower and floral design boxes. Write for our box catalogues.
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Late picked stock. Write for price.
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Gold fish, aquarium plants, snails, castles, globes, aquariums, fish food, nets, etc., wholesale. Send for price lists. Large breeding pairs for sale. Franklin Barrett, Breeder, 4815 D. St., Philadelphia, Pa.

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Red pots, none better.
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Raffia. Red Star and 3 other grades. Bale lots or less. Colored raffia, 20 colors. Write for prices.
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Raffia (colored), 20 beautiful shades. Samples free. R. H. Comey Co., Camden, N. J.
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Sphagnum moss in 10 bbl. burlapped bales, clean and fresh. 1 bale, $3.75; 5 bales, $3.50 each
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Sphagnum moss, clean stock; 12 bbl. bale, $3.50. Green moss, in bbls., $1.00 per bbl.
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Spray with lead arsenate both sides of foliage. Ask for K's Sprayer. J. Kopcsay. So. Bend. Ind.

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Fresh tobacco stems, in bales, 200 lbs., $1.50; 500 lbs., $3.50; 1000 lbs., $6.50; ton, $12.00.
Scharff Bros., Van Wert, Ohio.

Tobacco dust for dusting, 100 lb. sack, $1.75; 200 lbs., $3.00. G. H. Hunkel, Milwaukee, Wis.

Fresh tobacco stems, 65c per 100; $12.00 per ton. F. O. B. N. D. Mills, Middletown, N. Y.

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WREATHS.

Holly wreaths a specialty; in large and small quantities for the holiday decorations. Write for prices. H. E. Conwell, Milton, Del.

...NEWS NOTES...

Bellefontaine, O.—John Stelzig has installed a new and up-to-date refrigerator, manufactured by the McCray Refrigerator Co.

Oneonta, N. Y.—C. W. Peck has completed a new show house and carnation house. The former will give more space for the growing of lilies.

Sayre, Pa.—W. Knapp has a model plant. He recently added an iron and concrete house for carnations. These, with chrysanthemums, are specialties here.

Owego, N. Y.—A. J. Thomas & Sons have made a big improvement to their plant by adding a large workroom and sheds. Stock is in excellent shape and business is picking up.

Portland, Me.—E. J. Harmon has purchased some ground on Massachusetts avenue and is contemplating the erection of a modern apartment building there in the early spring.

Corning, N. Y.—A. H. Woeppel reports increasing business since the advent of the rapid transit service. He keeps the houses full with a succession of crops and it looks as if a new plant will be the early result.

Whitesboro, N. Y.—Wm. P. Pfeifer is supplying Utica with some of the finest carnations seen in this locality. Georgia is all one can wish, grown in soil not too rich. Extraordinary cuts of the Enchantress family and White Perfection are reported.

Elmira, N. Y.—A run around with Richard King, superintendent of the United States Cut Flower Co., found stock generally in prime order. Of the newer varieties in carnations, Gloriosa and White Wonder are well spoken of. Enchantress is still leader in pink, but the new crimson, Delhi, will be given a good trial. Many mums are seen here and roses are grown extensively and are full of promise for the holidays. John Rudy, also a well known grower here, has some fine mums and says he will go more heavily into bedding stock for next spring.

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GLASS, write for prices.

PECKY CYPRESS Best bench board known, $23.00 per 1000.

PIPE Good, serviceable, second-hand, no junk. ¾-in., 1¾c per ft.; 1-in., 2½c per ft.; 1¼-in., 3½c per ft.; 1½-in., 4c per ft.; 2-in., 5½c per ft.; 2½-in., 8½c per ft.; 3-in., 11c per ft.; 4-in., 16c per ft. All kinds of fittings for 4-in. cast iron. All sizes new, black and galvanized wrought iron pipe carried in stock. Pipe cut to sketch.

BOILERS One new Ideal sectional boiler, will heat 4200 sq. ft. of glass; price, $130.00. We always carry a large stock of new and second-hand, round or sectional, hot water or steam boilers. Write for special prices. We have the largest stock of boilers, round and sectional, new and second-hand, hot water and steam, in New York or Brooklyn.

PIPE-FITTING TOOLS New and old. Large stock always on hand.

GARDEN HOSE In lengths up to 500 ft., with couplings, 50-ft. lengths carried in stock. ¾-in., 3-ply, guaranteed 100 lbs. pressure, 8½c; 4-ply, guaranteed 150 lbs. pressure, 9c; 4-ply, guaranteed 250 lbs. pressure, 12½c.

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Write for illustrated catalogue.

Quaker City Machine Works
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RED STANDARD POTS Prices per 1000, F. O. B. Harrison
2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80.
Cash must accompany order.
HARRISON POTTERY, Harrison, Ohio

Mention The Review when you write.

Waverly, N. Y.—J. E. Angell is well equipped for a busy season. He had a nice batch of mums for Thanksgiving.

Cobleskill, N. Y.—Alfred Goldring recently installed a Lord & Burnham boiler and says he cannot speak too highly of it. He has a snug plant, easily managed, and produces good stock that has brought big business from out of town.

Holyoke, Mass.—Gallivan Bros. have completed a fine new greenhouse, 50x200, in one of the choicest locations at Smith's Ferry. The materials were furnished by the King Construction Co. The firm also has greenhouses at South Hadley Center and proposes to add to the glass area at Smith's Ferry next summer.



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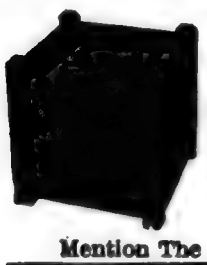
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Pearson St., Long Island City, N. Y.

IONIA POTS ARE STRONG

Always burned to the same degree of hardness. Our kilns are equipped with heat-measuring pyrometers and other up-to-the-minute improvements. Every detail of manufacture, from the clay bank to the strong crates in which Ionia pots are carried to you, marks an advancement over old-time methods. Let us have your order now. We will ship when you are ready.

REMEMBER, that we solved the breakage problem years ago. **IONIA POTTERY CO., IONIA, MICH.**



All the Clay For Our Florists' Red Pots

Is prepared by passing through a screen 1600 meshes to the square inch. If in a hurry for pots order from us. We can ship over five lines of railroad, by river or interurban. Write for catalogue showing all the articles we make for florists' use.

THE PETERS & REED POTTERY CO., - Zanesville, Ohio

PENNSYLVANIA

is the state to get the nice Red Standard Pots, Pans, Azalea Pots, etc., and **NORRISTOWN** is the town where they manufacture them and burn them a nice red color. **Try us** and see if they are not just as cheap, too.

THE KELLER POTTERY CO.

213-223 Pearl St., NORRISTOWN, PA.

RED

Standard Flower Pots

Price list and samples on application.

PADUCAH POTTERY CO., INC.

PADUCAH, KENTUCKY

Standard Red Pots

Price list and samples on application.

We carry a complete line of Florists' pots.

Weis & Schmidt Pottery Co.

MILWAUKEE, WIS.

SMITH, LINEAWEAVER & CO.
COAL
Anthracite, Bituminous, Coke and Gas Coal
West End Trust Building. Philadelphia

Greenhouse Heating.

ONE BOILER OR MORE?

I should like to ask whether one hot water boiler would be sufficient to take care of the following area of glass, keeping everything in perfect shape and maintaining just the right temperatures in all kinds of weather, in this Illinois climate. The range comprises the following houses: Two carnation houses, each 20x225; three rose houses, each 20x200; one rose house, 40x120; one rose house, 20x225; one rose house, 40x225. The hot water boiler is one of the largest made by a well-known firm. F. P. B.

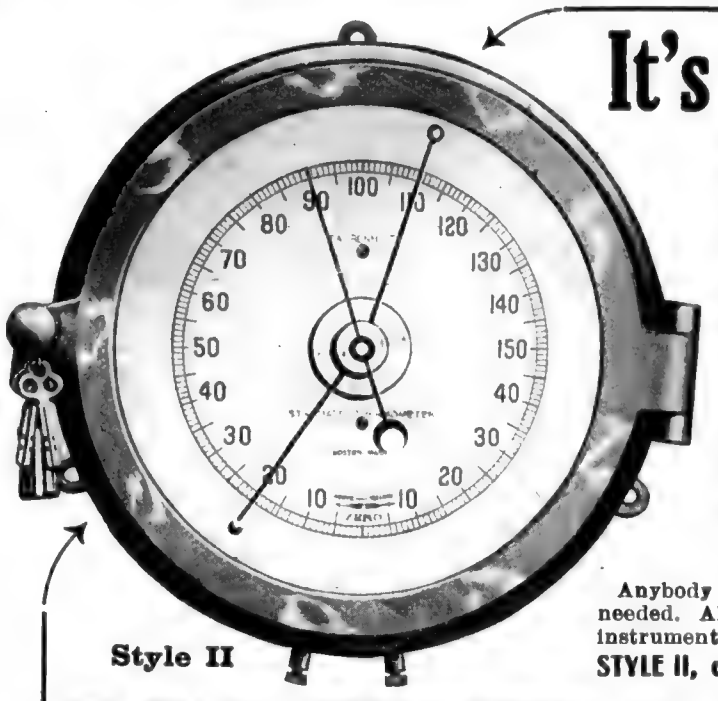
To heat the eight houses described would require about 10,000 square feet of hot water radiation, and it would result in economy of fuel if a somewhat greater boiler capacity were furnished. While the size of such a boiler would not be excessively large, there would be some advantages in using two boilers, each of 6,000 feet of radiation capacity. One of them could heat all of the houses for a couple of months in the spring and fall, and in case anything went wrong with one boiler the "cripple" could be cut out and the heating done with the other until the repairs were made.

GREENHOUSES AND HOTBEDS.

I am building two connected greenhouses, each 21x80, running north and south. I expect to use the east house for roses and warm natured plants, and the west house for carnations. I have a boiler which is five feet in diameter and sixteen feet long, and which contains fifty-two 4-inch flues. Do you consider this boiler too large to heat the houses economically in this Kansas climate? I expect to connect this heating plant with 1,000 square feet of hotbeds or coldframes. Will an 8-section Princeton hot water heater be sufficiently large to heat all of the structures? The sections of the Princeton heater, I think, are three and one-half feet high by two feet wide and about five inches thick. The outside temperature here sometimes runs down as low as 22 degrees below zero, with the accompaniment, frequently, of high winds.

Where shall I tap the boiler for the heating pipes? How many feet of 3-inch and smaller pipes shall I use for heating? I expect to use hot water and to fire with coal. G. F. O.

The rose house can be readily heated by means of three 2½-inch flow pipes and twelve 2-inch returns. In the carnation house use three flows and nine returns. While one 3-inch main flow and return could be used for the carnation house, they would not be large enough for the rose house, and the best plan would be to run a 4-inch pipe to the end of each house, where the 2½-inch flows could be joined to



Style II

It's Padlocked

and arranged with hermetically sealed case, safe from hose or dampness. It is an instrument developed specially to meet greenhouse conditions. It cannot be tampered with and remains absolutely accurate and effective, no matter how damp your house may be. In all other respects, however, this

Standard Special Greenhouse Thermostat

is practically the same as Style I, advertised in last week's Review. It gives positive warning of approaching fire or frost, heat or cold.

Anybody can put it up—only a screwdriver needed. All necessary directions with each instrument. Order today. Ask for

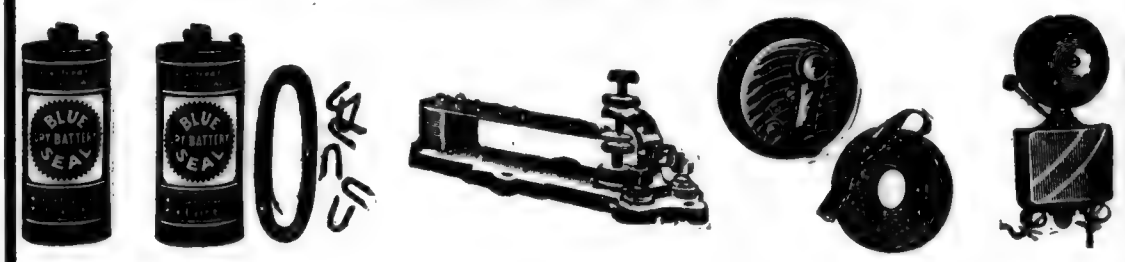
STYLE II, diameter 6 in., price $10.00 each

STANDARD THERMOMETER CO., 65 Shirley Street,
(Successors to PARKER MFG. CO.) BOSTON, MASS.

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The Mesco $2.50 Thermostat

RECOMMENDED FROM MAINE TO OREGON



. . . More than pleased. Saves me many hours' rest.
T. J. Allen, Florist, Lewiston, Me.

. . . A splendid, reasonably priced, worry-saving instrument.
Mrs. F. X. Legrand, Florist, Portland, Ore.

Complete Outfit, $2.50. Easy to put up. Requires no attention. Automatically rings bell when temperature becomes dangerous. Order now and stop worrying. Circular.

MANHATTAN ELECTRICAL SUPPLY CO., 114 S. 5th Ave., CHICAGO

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The Heating Question??

Is your Heating System lazy

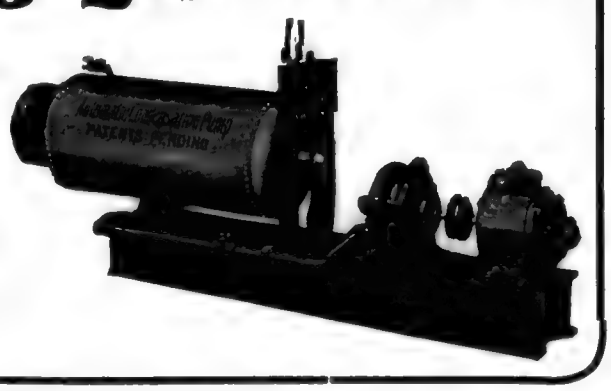
Our Automatic Electric Condensation Pump

MAKES the system work.

Pulls water and air out of the system.
Pulls HOT STEAM through piping.
Pumps water into the boilers.

SAVES 20% TO 50% FUEL.

Winter is approaching. Write for particulars at once.



CHICAGO PUMP CO.
1059 Fulton Street, CHICAGO, ILL.

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Martin Rocking Grate

IT SAVES COAL

MARTIN GRATE CO., 343 S. Dearborn St. CHICAGO.

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Ford & Kendig Co.

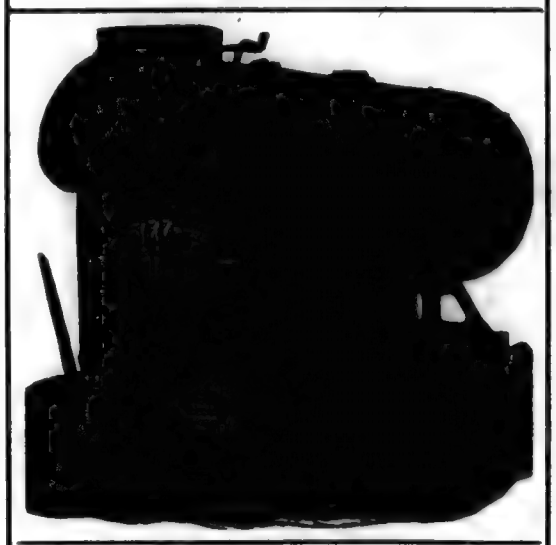
"Spellerized" Wrought Pipe

Especially adapted for Greenhouse Work, Fittings, Valves, Tools, etc.

24th and Wood Sts. PHILADELPHIA, PA.

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IMPROVED RETURN TUBULAR FIREBOX BOILER



Johnston Heating Co.
131 E. 26th St., New York City

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200%

Our sales to Florists for 1910 were 200% increase over 1909 and every customer satisfied.

RETURN TRAP



Taylor Steam Specialty Co.
BATTLE CREEK, MICH.
Write Department F. for new catalogue.

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HIGH-GRADE BOILERS

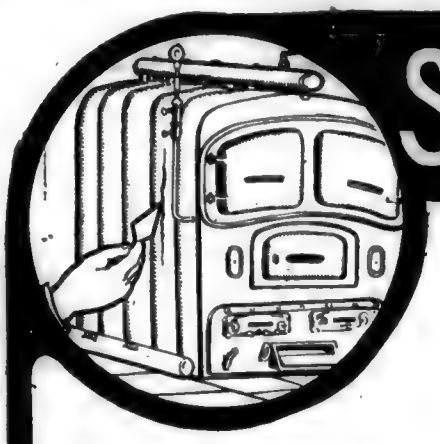
Get Our Catalogue **For GREENHOUSES**
STEAM and HOT WATER

GIBLIN & CO., 109 Broad Street, UTICA, N. Y.

Mention The Review when you write.

it, and then connect the lower ends of the coils to main returns of the same size. Just how many feet of 4-inch pipe will be needed will depend upon the location of the boiler and the arrangement of the piping, and the amount might vary anywhere from fifty to 100 feet. Not far from 500 feet of 2½-inch and 1,700 feet of 2-inch pipe will be needed for the two houses. In the hotbeds use a 2-inch pipe to make a complete circuit, with the flow pipe on one side and the return on the other. This will take, perhaps, 350 feet more of 2-inch pipe.

The tubular boiler is four or five times as large as is needed, but it could be used economically with a grate area of about nine square feet. The flow pipes should be connected with the top of the boiler and well down on the sides. The description of the Princeton heater is not sufficiently clear for an accurate estimate of its capacity,

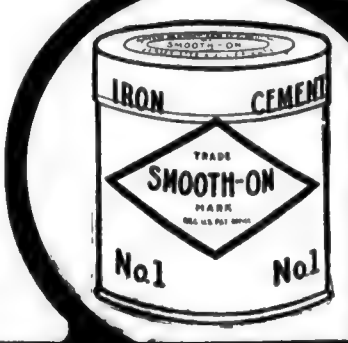


SMOOTH-ON

IRON CEMENT No. 1

permanently repairs cracks in greenhouse boilers, pipes, radiators, tanks, etc.

Be sure and send for a FREE No. 10 illustrated instruction book. It tells all about the different **Smooth-On Iron Cements,** shows how to use them and we think it will save you money. Every florist should have a copy.



SMOOTH-ON MFG. CO.
572 Communipaw Ave., JERSEY CITY, N. J.
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The Users Of The.... **Hughson Regulating Valve**

are all satisfied with the results it has given, and many duplicate orders is the proof. **This Valve will maintain a steady pressure** on the low side, no matter how the initial pressure fluctuates. By carrying 40 or 50 pounds pressure on the boiler and setting the valve to carry 5 or 10 pounds on the line, you always have a reserve to fall back on in case of a sudden drop in temperature. **Our new catalogue is just out** and if you contemplate making any changes you had better get one—it is yours for the asking.

We Also Make Traps and Other Devices.

HUGHSON STEAM SPECIALTY CO.
5021-5023 S. State Street, CHICAGO

Successors to the John Davis Company

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Geo. B. Limbert & Co.
557 Fulton St., CHICAGO

For Prices on

Genuine Wrought Iron Pipe

Ask For Catalogue.

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WILKS Hot Water Boilers

—Are—

The Most Economical Boilers for Greenhouses :: ::

No night fireman required with our Self-feeding Hot Water Boilers.

Send for Catalogue and Prices.

S. WILKS MFG. CO.
3523 Shields Ave., CHICAGO

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50% SAVED
Pipes, Flues

and casing thoroughly overhauled and guaranteed. Greenhouse fittings of every description.

ILLINOIS PIPE & MFG. CO.
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RIPPLEY 200 HEATER



Capacity: Will heat 600 feet 1¼-inch pipe.

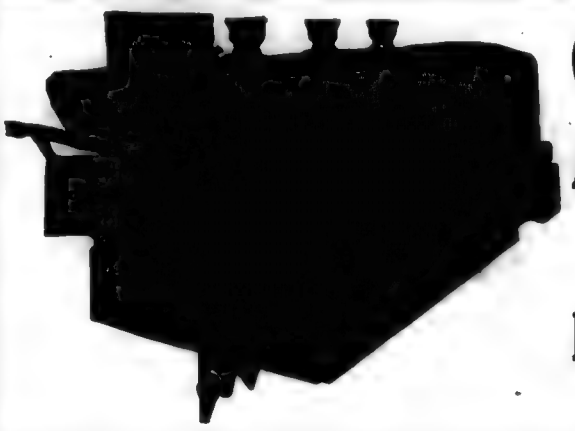
Price, Freight Paid, $36.50

Other heaters from $20.00 up.

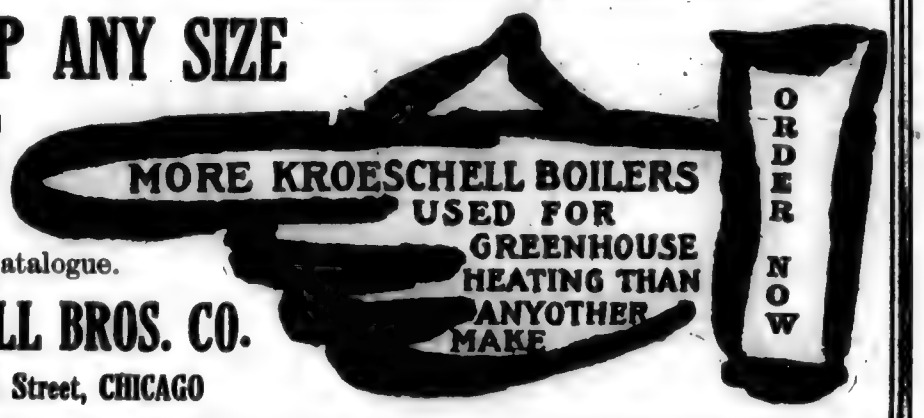
Catalogue Free

RIPPLEY MFG. CO.
Box F, GRAFTON, ILL.

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CAN SHIP ANY SIZE AT ONCE



Send for Catalogue.

KROESCHELL BROS. CO.

444 West Erie Street, CHICAGO

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but to heat the two houses and 1,000 square feet of hotbed sashes it should have a rating of 2,400 square feet of radiating surface.

In piping the houses, run one flow pipe on each wall and the other two feet under the ridge, and at the south end of the houses connect with the coils underneath, of which there should be three, with four pipes in each, in the rose house, and three in the carnation house.

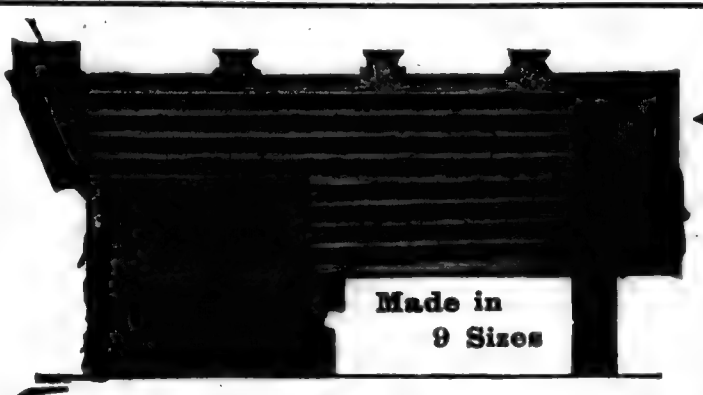
INSTALLED BY LOCAL PLUMBER.

We had a heating plant put in our greenhouses here for hot water and it was put in for a pressure system, with a safety valve which has thirty pounds set on it, with a large iron ball put on the expansion tank. At the first test the plumber burst out the back section of the boiler. We got a new section and the nipple on the bottom part of it did not fit tightly. The plumber used a block and pounded it with a sledge, and used a wooden log and rammed it together. After that we found a crack on the inside of the new section, where the plumber rammed it. The section is cast-iron; will that stand pounding?

The highest point of the expansion tank is twenty-five feet above the boiler and one of the greenhouses goes uphill. Will the boiler send water up through six 1¼-inch pipes, put together with manifolds and fed by 1½-inch pipe, with a 1¼-inch return? Will the boiler send water up like that and discharge the expanding water with twenty or thirty pounds of weight on top of the expansion tank and with no opening on the system? Will it raise that safety valve? Is it right to place the feed pipe for hot water at the bottom of the radiator, and the return also at the bottom? All the pipes are run uphill to the end of the greenhouse and then return. Can we get circulation to the end of the greenhouse fast enough? H. & P.

Whether a cast-iron boiler will stand a pressure of forty or fifty pounds to the square inch will depend entirely on the size and construction of the sections. Ordinarily it would be too much for very large or thin sections. Of course, cast-iron will not stand much hammering and it is probable that the section referred to was cracked in that way, rather than by the high pressure carried.

It is a mistake to try to carry water for a 250-foot coil with a 1¼-inch return, even though it is under pressure. In a system such as is described, it makes little difference whether the



More Heating Surface

and less water space than is contained in any other boiler. (Note the many flues set close together.) This is one reason why the users of the

"Superior Standard" Greenhouse Boilers

find them perfectly satisfactory. We frequently receive re-orders from florists who have tested these boilers thoroughly and found them even "Superior" to our claims.

Why not ask for full particulars today? A postal to us will bring a prompt reply.

SUPERIOR MACHINE & BOILER WORKS

Superior and Green Sts., CHICAGO, ILL.

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Hot Water Boilers

Made by

ILLINOIS MALLEABLE IRON CO.

1801-1825 Diversey Boulevard

CHICAGO

Are noted for coal economy and good results generally

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THURTELL-FIELD-ENGLISH CO.

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BUILD

Return Steam Traps for Florists
All are absolutely positive in their work.

Selling Agents:

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J. C. Corbin, 1112 American Bank Bldg., Seattle.
Griscom-Spencer Co., 90 West St., New York.

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We have genuine wrought iron pipe and "P" quality valves and fittings.

WHETSTONE & CO.

911 Filbert Street, PHILADELPHIA, PA.

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THE BURNHAM



HOT WATER OR STEAM

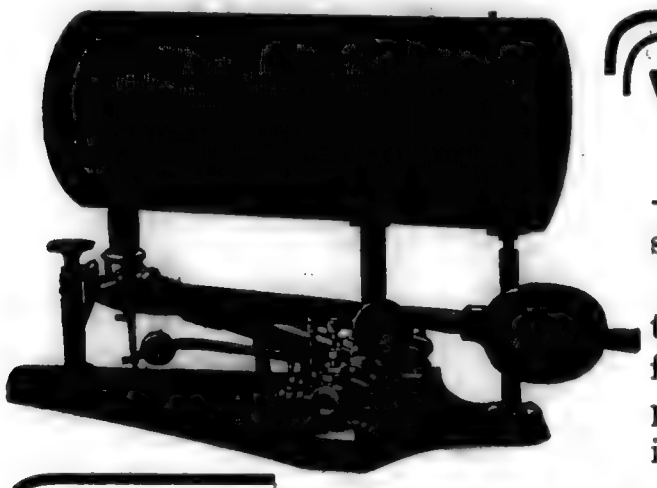
56 Sizes

Heats from 1950 to 27,000 square feet. Send for Catalogue.

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Irvington, N.Y.

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Where There Is Condensation

—there is need for a Morehead Steam Trap. Condensation in steam lines is akin to matter out of place—means wasted energy.

If your lines are sluggish—if your houses are not of uniform temperature, write us. We guarantee to drain your lines perfectly—return the pure, hot condensation to your boiler without pump or injector or make no charge for the trial. Obey that impulse—write now.

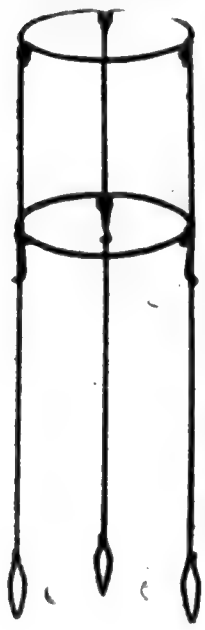
Morehead Manufacturing Company

Dept. "M," DETROIT, MICHIGAN

—Stocks Carried in—

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Model Extension Carnation Support

Made with two or three circles. Endorsed by all the Leading Carnation Growers as the best support on market.

Pat. July 27, '97; May 17, '98.

Galvanized Wire Rose Stakes

Write for prices before ordering elsewhere.

Prompt shipment guaranteed

IGOE BROS.

266 North 9th St. BROOKLYN, N. Y.

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ONE PERSON
can set in flats

5000 Seedlings

per day
when using my

"Assistant for Transplanting"

It accomplishes more and better work than any other method, and lasts a lifetime. Any child can use it.

PRICE $1.00

Invented and Manufactured only by

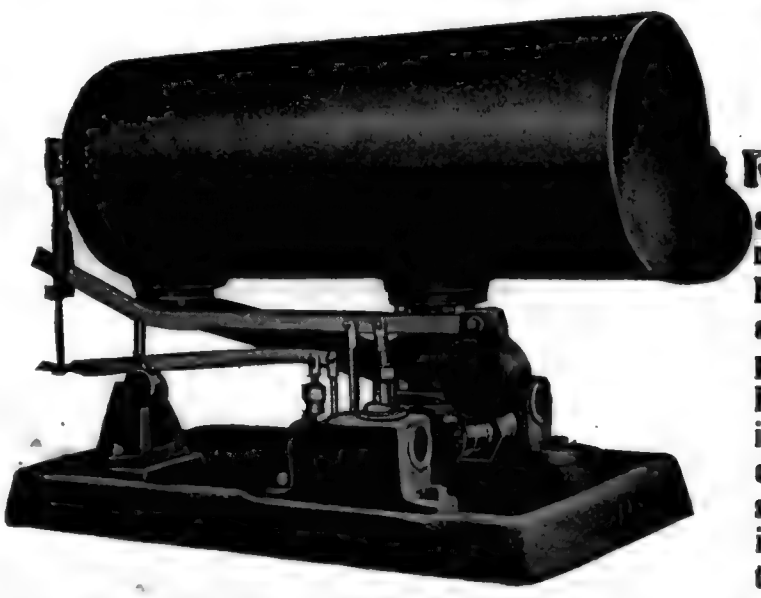
ALBERT A. SAWYER,

Pansy and Aster Specialist

434 Elgin Ave., Forest Park, Ill.

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An Innovation in Steam Trap Design and Construction



THE NEW "Detroit" RETURN TRAPS

are devoid of all unnecessary mechanism.

Every part designed, manufactured and assembled with the idea of permanence foremost.

Every tilt of the trap shows that it's working—draining every drop of condensation from the heating system and automatically returning it to the boiler—no pumps—no trouble.

Condensation is the purest kind of boiler feed water. Don't waste it. Return it directly to the boiler by "Detroit" Return Traps and prevent scale formation.

Ask us to mail you advance bulletin, No. 320-FR.

AMERICAN BLOWER COMPANY

DETROIT, MICH.
U. S. A.

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JACK FROST MATS

	Each	Doz.
RYE STRAW . .	$1.50	$17.00
BURLAP	1.20	14.00

WM. ELLIOTT & SONS

42 Vesey Street, NEW YORK

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BLAKE'S LEVER CLIP

For Roses, Carnations, etc. Fasten stakes, cross wires, etc.

They never slip and are a great saving of both time and money.

PRICE - - $1.40 per 1000
5000 ..... at $1.25 per 1000
10,000 or more....at 1.00 per 1000
Delivered free.

SAMPLES FREE

B. S. BLAKE & SON

409 Augustine St., Rochester, N. Y.



Self-tying Rose Stakes

Adam Heim & Son Support and Rose Stake Co.

CONNERSVILLE, IND.

Write for prices.

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flow pipe connects with a vertical coil at the upper or the lower end of the manifold, but the connection should be with the manifold at the upper end of the coil, instead of at the lower end, as the description indicates. Until this change is made, good results can not be obtained, and the returns should be 1½-inch; or, better yet, use 2-inch pipe for both flows and returns.

If there are no leaks in the system there should be no difficulty about raising the weight on the safety valve. As water expands when heated, if there is no other place where it can escape from the system it will force its way out through the safety valve.

AMHERST, MASS.

The short course in floriculture at the Massachusetts Agricultural College will be given as usual, beginning January 2 and closing March 8. The lecture course will cover general subjects of interest and value to the commercial florist. The afternoon will be spent in practical work in the greenhouse range. In addition to the lectures given on distinctly floricultural subjects, lectures in soil fertility, botany and entomology will be required and other lectures on field crops, fruit growing, market gardening or landscape gardening may be taken. On Saturdays observation trips will be taken to some of the commercial greenhouses in the vicinity of Amherst and one trip will be arranged to the commercial places in the eastern part of the state. The practical men who have coöperated so generously in making the course a success in other years will again give lectures on their special topics. It is expected that this special lecture course will include talks by W. R. Cobb on "Greenhouse Construction," January 5; R. O. King, "Greenhouse Construction," January 12; C. F. Boyle, of Thomas Galvin, Inc., "The Retail Trade," January 15; F. J. Elder, "Greenhouse Heating," January 19; Wm. Sim, Cliftondale, "Violets and Sweet Peas," January 22; C. H. Totty, Madison, N. J., "Chrysanthemums," January 26; W. H. Elliott, Brighton, "Rose Culture," February 5; Eber Holmes, Montrose, "Rose Culture," February 9; M. A. Patten, Tewksbury, "Carnation Culture," February 16.

It is expected this year that a general conference of florists will be held during Farmers' Week, which is scheduled from March 11 to 15. At that time it is hoped to have a large delegation of florists present and to have a series of lectures by men of wide reputation. A flower exhibition will be held in connection with this meeting.

The expenses for this course will include a registration fee of $5. Furnished rooms in private families may be obtained at a cost of from $1 to $3 a week. Board at the dining hall is $4 a week and it may be obtained in private families for from $4 to $5. In addition to these expenses some allowance should be made for expenses on the observation trips. Any additional information may be obtained from Dr. William D. Hurd, director of Extension Work, Amherst, Mass., or from Prof. E. A. White, of the Department of Floriculture.

Wyomissing, Pa.—Heck Bros. have planted 300 feet of California privet along the property of William Roeper, on Reading boulevard.

Cattle Manure in Bags
Shredded or Pulverized



Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unequaled for all field use. Write for circulars and prices.

The Pulverized Manure Company
33 Union Stock Yards CHICAGO

TO-BAK-INE KILLS BUGS
ASK
E. H. HUNT
131 N. Wabash Ave. CHICAGO

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NIKOTEEN APHIS PUNK

The most effective and economical material there is for Spraying Plants and Blooms. Skillfully extracted from leaf Tobacco and carefully refined, it is clean and easy to apply. Does the work when vaporized, either in pans, on pipes or over flame. Full pint bottles, $1.50.

Specially prepared for fumigating closed houses. It vaporizes the Nicotine evenly and without waste. Nothing keeps a house free from Aphis so cheaply. ALL SEEDSMEN.

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Aphine
The Insecticide that kills plant Lice of every species

Just the remedy for the black aphis on Chrysanthemums—red spider and thrips on Carnations—green fly on Roses—mealy bug on Gardenias and Crotons—scale on Ferns, Palms and other decorative stock.

$2 50 per gallon—$1.00 per quart.
U. S. and Canada.

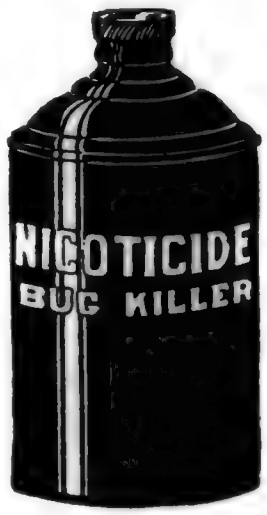
FUNGINE

Fungine has no equal for Carnation rust, rust on Chrysanthemums and mildew on Roses.

$2.00 per gallon—75c per quart,
U. S. and Canada.

There is but one convincing way for you to become familiar with the merits of Aphine and Fungine, and that is—test them out yourself—it will prove worth your while.

FOR SALE BY SEEDSMEN
Manufactured by
APHINE MANUFACTURING CO.
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THE BEST
Bug Killer and Bloom Saver

Drop us a line and

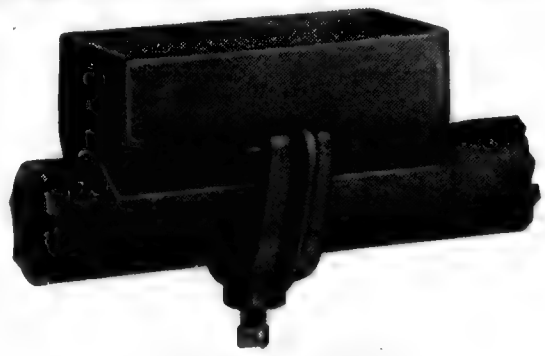
We will prove it

P. R. PALETHORPE COMPANY
Dept. A,
Owensboro, Ky.

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"FRIEDMAN'S BEST" TOBACCO POWDER

For fumigating and sprinkling combined 3 cents per lb. in 100 lb. sacks, $50.00 per ton.
TOBACCO STEMS, 50 cents per 100 lbs.
TOBACCO DUST, for sprinkling, 1 cent per lb.
J. J. Friedman, 285-289 Metropolitan Ave. **Brooklyn, N. Y.**



Pat. Applied for

You can Kill the Bugs by using the

BATE EVAPORATOR

It consists of a bottomless pan fastened to the upper side of the heating pipe, so the heating pipe is left exposed and forms the bottom of the pan. The pan is held in place by a yoke, or clamp, that goes around the under side of the heating pipe, the clamp being provided with a setscrew which pulls the pan down firmly on to the pipe.

Any of the popular brands of nicotine liquid insecticides can be used. It will take three pans to one house 25x100, or one pan to 6000 to 8000 cubic feet of air space. One ounce of the insecticide to a pan.

Easy to install. Easy to use. Saves its cost in economy of nicotine. Try one house and be convinced.

Single Pan	**$0.60**
Per dozen	**6.60**
In Larger Quantities, per pan	**.50**

The following sizes we carry in stock: 1-inch, 1¼-inch, 1½-inch, 2-inch. Larger sizes made to order.

Cleveland Cut Flower Co.
227 High Ave., CLEVELAND, OHIO

Mention The Review when you write.

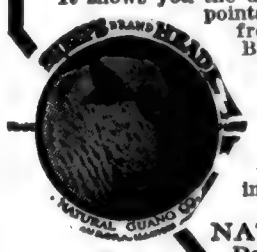
Quick Budding and Stiff Stems

Get into the market with better blooms—Sheep's Head Brand of Pulverized Sheep Manure will prove a money maker for you. Unsurpassed as an extra stimulant to plants, pots or beds. Will not cause black spot like stable manure. Free from weed seeds—always ready.

Carnations, roses, chrysanthemums and violets are particularly benefited. Send for booklet,

"Fertile Facts"

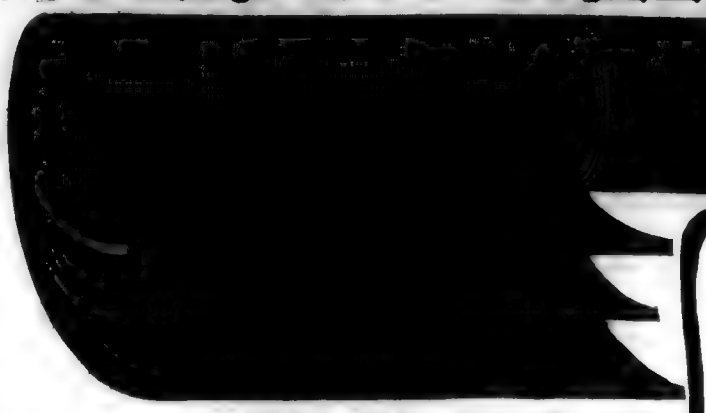
It shows you the dollars and cents view and points out the actual profits from using Sheep's Head Brand, and shows you how to prepare soils so that they will retain soluble plant foods near the surface of the ground within reach of the rootlets of growing vegetation. We will send you a copy of this interesting and instructive book free.



Write to-day.
NATURAL GUANO CO.
Dept. 28, Aurora, Ill.

Mention The Review when you write

A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

NEW YORK BELTING AND PACKING CO. LTD

91-93 CHAMBERS ST. NEW YORK

PHILADELPHIA, PA. PITTSBURGH, PA.
CHICAGO, ILL. PORTLAND, ORE. BOSTON, MASS.
ST. LOUIS, MO. SPOKANE, WASH. BUFFALO, N.Y.
INDIANAPOLIS, IND. SAN FRANCISCO, CAL.

Mention The Review when you write.



DREER'S
Florist Specialties.
New Brand New Style.
Hose "RIVERTON"
Furnished in lengths up to 500 ft. without seam or joint.
The HOSE for the FLORIST

¾-inch,	per ft.,	15 c.
Reel of 500 ft.,	"	14½c.
2 Reels, 1000 ft.,	"	14 c.
¾-inch,	"	13 c.
2 Reels, 500 ft.,	"	12½c.

Couplings furnished.
HENRY A. DREER,
714 Chestnut St.,
PHILADELPHIA PA.

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CALDWELL TANKS

of Galvanized Steel are used everywhere. Sizes up to 1200 gallons can be shipped set up at small cost for freight. These tanks are strong, tight and durable. Cost less than wood tanks. Ask for illustrated catalogue and delivered prices.

W. E. Caldwell Co., Incorporated, Louisville, Ky

TANKS (Steel, Wood, Galvanized) TOWERS, Windmills, Pumps, Gas Engines.

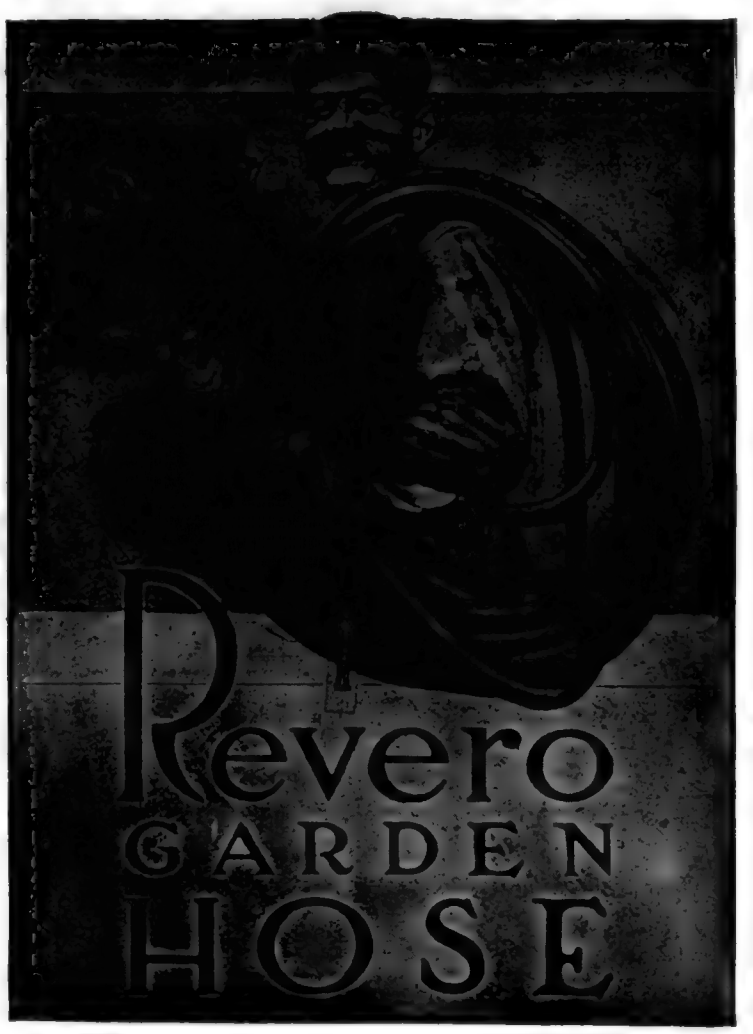
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Green Flies and Black ones too
are easy to kill with
The Fumigating Kind Tobacco Powder
$3.00 per bag 100 lbs.
Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?
THE H. A. STOOTHOFF CO., MOUNT VERNON, N. Y.

Mention The Review when you write.

Peerless Sulphur Blower
"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago
McMORRAN & CO. 162-166 N. Clinton St. CHICAGO, ILL.

Mention The Review when you write.



Light Strong Flexible

An indestructible moulded Hose for Lawn, Greenhouse, Stable, Garage. Of braided construction, cannot unwrap, kink or burst like old-style wrapped duck construction. Made in continuous lengths up to 500 feet, which gives you any length you want and avoids leaky couplings.

Manufactured by
Revere Rubber Co.
Works: Chelsea, Mass. Providence, R.I.

BRANCHES:
BOSTON, MASS.
New York, Philadelphia, Pittsburg, Chicago, Minneapolis, New Orleans, San Francisco.

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TRADE
SKINNER SYSTEM OF IRRIGATION
MARK
THE RAIN MACHINE
Write for six books on indoor and outdoor irrigation.
THE SKINNER IRRIGATION CO., Dept. H, Troy, Ohio

Mention The Review when you write

The REGAN PRINTING HOUSE
LARGE RUNS OF
Catalogues OUR SPECIALTY
GET OUR FIGURE
531-537 Plymouth Place, CHICAGO

Mention The Review when you write.

Our prices on HAND MADE

GREENHOUSE GLASS

Are always the lowest. Our qualities are the best.
We are MANUFACTURERS. Write us for prices.

THE COLE GLASS CO., Lancaster, Ohio

Mention The Review when you write

BOWLING

AT CHICAGO.

In the Chicago Florists' Bowling League the standing of the teams November 23 was as follows:

Team.	G.	W.	L.
Orchids	24	18	6
Roses	24	13	11
Violets	24	11	13
Carnations	24	0	18

The games played November 22 were as follows:

Roses.	1st	2d	3d	Violets.	1st	2d	3d
Schuman	102	153	128	Byers	122	159	90
Stack	107	142	129	Fink	103	101	106
Freund	156	170	147	Winterson	119	103	140
Wolf	148	171	144	Friedman	170	131	139
Fischer	145	137	156	Foerster	178	155	173
Totals	658	773	704	Totals	692	649	648
Carnations.	**1st**	**2d**	**3d**	**Orchids.**	**1st**	**2d**	**3d**
Lohrman	120	161	166	Huebner	159	136	159
Ayers	128	113	150	Graff	150	145	141
Balluff	145	191	146	Krauss	141	141	142
Schultz	123	148	123	Farley	102	96	123
A. Zech	96	196	186	J. Zech	166	160	153
Totals	612	809	771	Totals	718	678	718

Friday, December 1, at 10 p. m., the two florists' 5-men teams will roll in the city tournament, at Bensinger's alleys. The individuals will roll at 7 p. m., December 3.

AT NEW YORK.

In the handicap contest for two big turkeys for Thanksgiving Friday evening, November 24, the prizes were carried off by Chadwick and Fenrich, the high scores being 246 and 225. The club bowls every Friday night, and is growing in membership weekly. The scores were:

Player.	1st	2d	3d
Nugent	119	...	...
Marshall	125	154	...
Scott	99	141	142
Kakuda	149	163	108
Shaw	121	127	134
Holt	127	113	148
Moltz	123	135	112
Rickards	131	122	152
Young	163	132	146
Manda	110	165	143
Fenrich	198	160	225
Chadwick	246	200	188

Hornell, N. Y.—W. A. Wettlin says the report that he will soon build on the land he recently purchased is a little premature, although it may go through at any time, as business conditions are changing. His shipping trade is extending and the call for flowering plants keeps him hustling. Albert King has ground ready for a new house. His business is entirely retail and shows a steady increase.

S. JACOBS & SONS

1361-1365 Flushing Ave., Brooklyn, N. Y.

Manufacturers and Jobbers in

Greenhouse Construction Material

Take Notice We furnish working plans with each order free. We make no charge for any information you may require while erecting your house.

Most complete Factory of its kind in the United States

Established 38 Years

Absolute Reliability

Personal Attention Given to Every Order



ONE OF OUR NEW ADDITIONS.

Let us quote you

LOUISIANA RED CYPRESS, BOILERS, PIPE, FITTINGS, VENTILATING APPARATUS, GLASS,

We carry 20,000 boxes in stock.

PUTTY.

Cypress Bench Boards

Small orders cheerfully shipped from Philadelphia yard. Carload shipments direct from mill in the south.

Send us your inquiries.

Stokes Brothers Co., Inc.

30th St. below Chestnut, Philadelphia, Pa.

TILE or PIPE FRAME BENCHES

Write for prices. Drainage perfect.

TILE BOTTOMS 12x24 and 9x24

Furnish any quantity.

The Camp Conduit Co. 718 Garfield Bldg., CLEVELAND, O.

THE FLORISTS' HAIL ASSOCIATION

Has paid $192,000.00 for glass broken during the last 23 years. For particulars concerning Hail Insurance, address

John G. Esler, Sec'y, Saddle River N. J.



STANDARD VENTILATING MACHINERY

The original machine with self-oiling cups. The old reliable, the most powerful and least complicated of any on the market.

The Standard Return Steam Trap

It has no equal for simplicity or its working. Ask some one who is using a Standard for his opinion of it.

Write for catalogue.

E. HIPPARD CO., Youngstown, O.

Mention The Review when you write.



SIEBERT'S ZINC NEVER-RUST

GLAZING POINTS are Positively the Best. Last Forever. Over 50,000 pounds now in use. A sure preventive of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes, 5/8 and 7/8, 40c per lb.; by mail 16c extra; 7 lbs. for $2.50; 15 lbs. for $5.00, by express. For sale by the trade. Randolph & McClements, Successors to Chas. T. Siebert. Baum and Beatty Sts., Pittsburg, Pa.

Mention The Review when you write.

THE RETAIL FLORIST.....

TO KEEP THE WINDOWS CLEAR.

I noticed the article entitled "Vapor on Show Windows," in The Review of November 23. I have successfully tried the following plan for keeping the windows free of the vapor: Have your window constructed with double sashes, leaving enough space between the sashes to permit the insertion of an ordinary tumbler or drinking glass. Clean the window thoroughly; then place a tumbler containing about one ounce of muriatic acid between the two sashes, and you will not be troubled with frost and ice on your window. When the winter is over, or before that time, you will find that the tumbler is full of water, mixed with the acid. You must, of course, have double windows in order to carry out this plan. Sigfred Lindholm.

DECORATING IN TEXAS.

It will be necessary for some people —perhaps a good many people—to revise their ideas of the decorating that is in vogue in Texas. In certain quarters it still is the popular conception that the fashion in the Lone Star state is to do one's decorating with a gun. It isn't so. They wear flowers in Texas, and a wedding calls for the exercise of the florist's art rather than an exhibition of the border horseplay that gave Texas its old-time reputation.

How far Texas has progressed in its appreciation of flowers is, in a measure, shown by the accompanying illustration, reproduced from a photograph of a recent wedding decoration by H. O. Hannah & Son, of Sherman. The bank of palms on the platform is well arranged and there apparently was little of the stiffness that one might expect from the use of the three arches of smilax and mums. The green overhead was wild smilax.

REPORTS OF DECORATIONS.

As a Means of Advertising.

Considerable profit may be traced to persistent and tactful reporting of decorations in the society columns of the local papers. But the decorator must see to it that his work is correctly reported. How many times one would never recognize his own work from the unaided description of the reporter! When once a reporter, especially the woman reporter, gets hold of a few variety names, you are in jeopardy, for if she fails to catch the correct names she will supply them at random from her own limited vocabulary of technical terms, and is more apt to give you credit for using American Beauties and Beacon carnations on the same table than she is to describe properly your dainty centerpiece of valley and cattleyas. This is one case where the lack of information on the part of the general public saves your reputation. While it is none to the reporter's discredit that she is uninformed on the technicalities of our profession, it is one of the half-open doors through which you, ambitious business man or woman, should push your way.

A new name in the description of a decoration is a taker for the society columns when the descriptions, as well as the events themselves, are but repetitions of scores of their own kind, and a short, accurate description of a luncheon centerpiece or a wedding bouquet, which contains a new feature or a new term for an old feature, will stand a good chance of success.

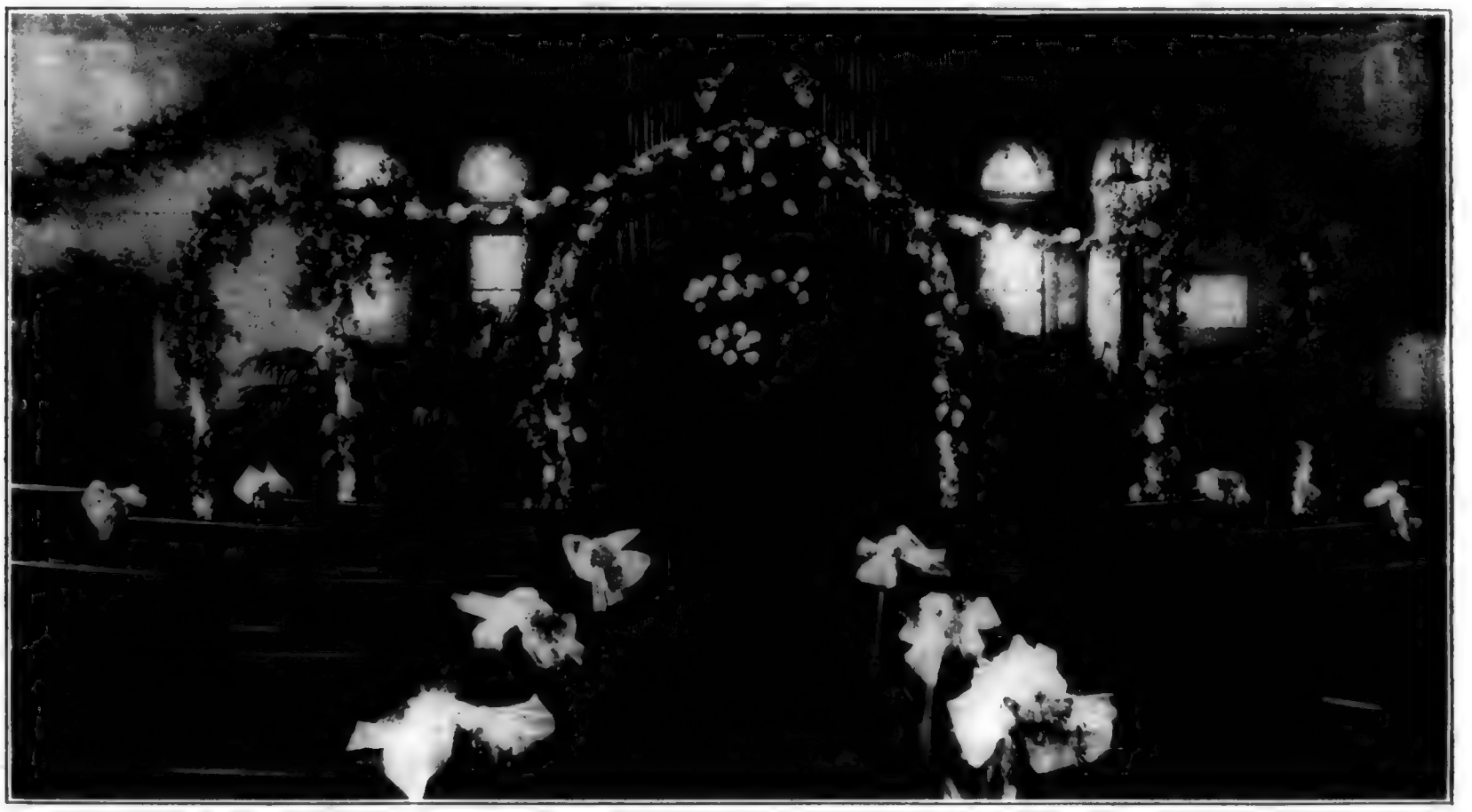
Interviewing the Reporter.

In many cases the reporter will accept your own written description of the decorations, embodying it in her report of the whole affair. It will pay you to make an appointment with her after the decoration is finished, or possibly before it is begun, and give her the facts and names, laying special stress on the best features of the decoration. Even the hostess can not describe the decorative scheme as well as you can, though she has discussed it in detail with you previously. If you take a little time for an interview and keep the engagement promptly, the most courteous treatment will usually be accorded, though it is just as well to allow it to appear that the courtesy is proceeding from your direction.

Once in a while you may succeed in having your name mentioned in the report. Although this can not often be accomplished, a judiciously worded advertisement, appearing in the same issue and on the society page, close to the reports, will help to connect your name with the reporter's description. Use some of the same terms and expressions, with a direct announcement as to specialties in wedding decorations, brides' bouquets or table centerpieces. Advertising that smacks of information can not fail to be a trade puller.

On Good Terms With Reporters.

Once in a while you will have a customer who does not care for the publicity of the newspaper columns. You must keep faith with her, and must



Church Wedding Decoration by H. O. Hannah & Son, Sherman, Texas.

also be silent with regard to the plans for affairs that are not yet announced. You will find that reporters whom you have favored will make a practice of visiting your shop regularly for a list of coming society functions, and you must be careful and thoughtful about your customers' wishes in this respect.

Do not neglect to get a notice of your banquet decorations. If time permits, write up in advance a description tallying with your plans, and if you can not get an interview with the reporter, send it to him. But usually a phone message will bring him promptly. It will pay to know the corps of reporters personally and be on good terms with each one. Always report the new or special features—your original treatment of color or your adaptation of society emblems to the table decorations, the effect of lights, the favors, special settings, etc.

Decorations That "Make Talk."

Society women read carefully the reports of functions given by other sets or clubs in the way of receptions, luncheons or dinners. We scarcely realize how large a percentage of the interest of these functions depends upon the decorations. A beautiful arrangement of good flowers in the centerpiece inspires remarks to fill in the gaps in conversation at table, while a unique decorative feature at a reception redeems many a group of guests from boredom. While the prospective hostess avoids the scheme which she knows has already been much used, she will inquire what decorator is the originator of the most significant ideas. It is of prime importance, then, that these be well reported. The floral decorations are the purely æsthetic part of a social function; good taste can comment upon them; the most pleasant and elevating thoughts can dwell upon them.

Indirect But Vast Results.

While it must be admitted that the benefits from society column reports are at best indirect, yet, on the other hand, there is no telling how far-reaching their benefits may become. Next to good window decorations, well prepared descriptions of the floral features of society affairs are the best free advertisements, and if closely followed up they can not help but be profitable.

Right here comes to mind another class of opportunities for free publicity. On the occasion of public carnivals, fairs, expositions, holidays or conventions, reporters are on the alert for catchy show windows. Therefore, with the help of a little suggestion from you, you ought to get a valuable write-up of your window decoration, with a mention of your name, too, if your work has sufficient merit.

Cultivating acquaintance with reporters, then, will gain at least the satisfaction of intelligent and accurate reports to the flower-buying public, and a clever reporter will see the advantage gained for his department of the paper.

G. B.



Stork Design by Randolph & McClements.

A THANKSGIVING DECORATION.

The accompanying illustration shows a portion of a Thanksgiving ball room decoration by the Swan Floral Co., Lima, O. The picture shows the stage only, but the auditorium was dressed in autumn leaves, sheaves, fodder and corn, in keeping with the picture on the stage, which was a cornfield with shocks of corn, pumpkins and their vines, an old rail fence with underbrush, the whole furnishing a setting for a cabin scene. In the cabin were spinning wheels and an old-fashioned fireplace, in which electric globes made the coals burn brightly. In the yard were five pairs of Golden Seabright bantams and at midnight they vied with the "orchestra" in supplying entertainment for the guests. As Swan describes it: "They are the greatest crowers you ever heard."

THE STORK DESIGN.

It certainly is a noteworthy event when a wholesale florist is presented with a pair of twin boys. This good fortune recently came to E. J. McCallum, president of the McCallum Co., Pittsburgn. Randolph & McClements, the Pittsburgh retailers, sent to Mrs. McCallum the stork design shown in the accompanying illustration.

A FUZZY STORY.

In spite of the fact that there was no flower show at Chicago this year, the following appeared in a recent edition of a daily paper in an Iowa town:

Apropos of the general fuzziness of the season—fuzzy hats, fuzzy coats and fuzzy furs—the fuzzy chrysanthemum has made its appearance in Sioux City.

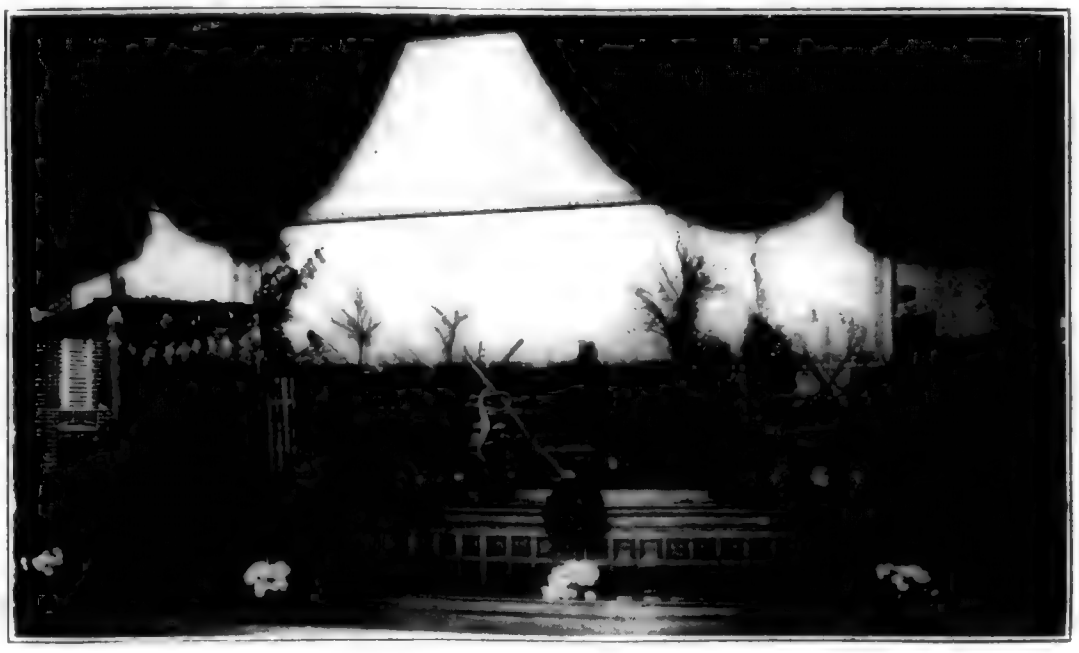
The first consignment of four dozen great fluffy yellow and white flowers was received by Rochlin & Lehman. They were purchased by an out-of-town party at the fancy price of $8 per dozen almost before local admirers had a chance to take a look at them.

The flowers were raised at the company's greenhouse in Hinsdale, Ill., and have been on exhibition at the Chicago flower show which is now in progress at the Coliseum. They were among the prize winning collections. The mums are of the Col. Appleton and Golden Wedding varieties.

The local firm also entered prize winning Hudson river violets and pink and white Killarney roses at the Chicago show.

The Review is invited to preach a little sermon with the complete untruthfulness of the above as a text, but it only serves to recall the latest Rooseveltian epigram. When asked to comment on a certain theme T. R. said he would "as soon think of discussing a pipe dream with an out patient of Bedlam as to discuss such nonsense." The wonder is that any florist will permit the use of his name in connection with any item that is not in harmony with the facts.

Provo, Utah.—Mr. Jensen, proprietor of the Provo Floral Co., reports shipping trade rapidly increasing through the state.



Thanksgiving Decoration by the Swan Floral Co., Lima, O.



Table Decoration of Single Chrysanthemums by the E. Wienboeber Co., Chicago.

BULBS FOR EASTER.

Will it be too late, the second week in December, to put in hyacinth, tulip, narcissus and Easter lily bulbs for Easter sales? How deep should the bulbs be potted? Would it be all right to put them out in a coldframe and cover with ashes and then put boards over the frame? I have no sashes. How deep should the ashes be over the top of the pots? Or could I put the pots of bulbs in a cellar, and would the treatment be the same there?

G. C. H.

It is getting late to pot up bulbs of any kind for Easter flowering and with the Dutch bulbs especially you will not get so good results as if the bulbs had been potted or boxed in October. Use a compost of three parts well decayed fibrous loam, one part old cow or horse manure and plenty of sharp sand for the tulips, hyacinths and narcissi, and less manure for the Easter lilies. Merely cover the hyacinth bulbs, but the tulips and narcissi should be potted a little deeper. Soak thoroughly with water before placing in the frame or cellar. They can be kept in a coldframe by covering with six inches of fine ashes and over these a bed of straw and matched boards in lieu of sashes, but a cellar would be far preferable if there is no furnace heat near them, as they can be more readily examined and watered when necessary. Cover with ashes three inches thick in the cellar. They must not be housed until the pots are full of roots and the tips are two to three inches long.

In potting the Easter lilies use single bulbs to 5-inch or 6-inch pots, according to size. Barely cover the bulb and leave ample space for filling in with loam above it. After potting, presuming that you have longiflorums or multiflorums, stand in a shed or under a greenhouse bench in a temperature of 55 degrees at night. Water moderately until the pots are full of roots; then place in a night temperature of 65 degrees in order to get them for Easter, which comes April 7 next year.

C. W.



WORMS DESTROYING VIOLETS.

I am growing violets and this year have lost a great many plants through white, red-headed worms. Could you inform me of any means of destroying them?

J. H.

I am not acquainted with the worm referred to. This and all other worms, grubs, etc., infesting the soil, are most easily destroyed by the use of carbon bisulphide. This will not harm the plants. Make holes twelve to eighteen inches apart each way and pour a small teaspoonful of the carbon in each hole, immediately covering it. Go all over your beds this way and you are sure to clean out anything in the worm line in the soil. This is best done when the soil is quite damp. Do not use any naked lights while using the carbon, as it is of an explosive nature. For worms eating the foliage a poison spray is necessary. Arsenate of lead is effective and safe, but would whiten the leaves and render them unfit to use. Paris green, at the rate of one ounce to fifteen gallons of water, will not hurt the leaves. Use a little lime with it, to help prevent burning.

C. W.

GAS ON VIOLETS.

I have a house 20 x 66 feet, with an average height of six feet, covered with hotbed sashes, which was planted to single violets in August. During the hot weather following they became infested with red spider. The sashes were not put on the house until the first part of November, after one hard freeze, thinking this would eradicate the red spider, but it has not entirely done so. The violets are in ground beds; all heating pipes overhead. Can I get rid of the red spider by the use of cyanide gas and what proportion can I use with safety to the violets?

W. D. H.

I have not dared to use gas on violets, but the Rhinebeck growers use it almost entirely. I would prefer R. E. Shuphelt or some other specialist should answer this. Our local specialists here never use gas.

C. W.

CHRYSANTHEMUMS

CHRYSANTHEMUMS IN ENGLAND.

In Market and Exhibition.

In the market, in the greenhouses, in the shows, and whenever and wherever growers meet, chrysanthemums are the leading topic. In the markets the season opened with good prices, as blooms were scarce, owing to the drought. Then came heavy supplies and a big drop in prices. Now prices rule pretty much the same as in former years, but only good quality is of any use; second-rate stock will not sell at any price. In the greenhouses, plants are doing well and little coal is required, as we have not had any frosts to disturb the stoker's piece of mind or the grower's pocket.

The quality at the shows has been fully up to the status of recent years. Nothing has been seen of an exceptionally novel character, but a few of the certificated varieties will, no doubt, make their mark.

Popularity of the Singles.

Single-flowered varieties maintain their popularity for decorative purposes and there is a marked improvement in the newer introductions as regards stoutness of petal. Successful marketing has been a trouble with singles, owing to their propensity to wilt, but this is being surmounted by introducing varieties with more substance in the flowers. For dinner table and home decorations they are admirably adapted and are popular favorites.

Growers generally are not overenthusiastic about singles, as they do not yield so much hard cash per square yard as decorative Japanese kinds. Cragg, Harrison & Cragg, of Heston, Middlesex, grow and market them in perfection and they have raised some good things; so, also, have W. J. Godfrey & Sons, of Exmouth. These and a few others have exhibited singles extensively at shows this season. A few that have already proved really good are Edith Pagram, Bronze Pagram, Mensa, Celia, Merstham Jewel, Ronpell Beauty, Mrs. W. G. Patching, Miss Mary Pope, Mary Richardson, J. B. Howe, Heston Bronze and White Pagram.

Among the cleverest things in chrysanthemum cultivation to be recorded are the plants grown and marketed by Butler Bros. They are simply marvelous—plants eighteen to twenty-four inches high, in 5-inch pots, with foliage from the rim of the pots upward and eight to a dozen large blooms. Butler Bros. have studied this method of culture for years and, although they have many competitors, they stand unrivaled. A few of the best for the purpose are Caprice du Printemps, Tapis d'Or, La Pactole, Felton's Favorite, October Bronze, October Yellow and Mrs. Roots.

At the National Show.

At the National Chrysanthemum Society's show, held at the Crystal Palace, London, the prize of honor was awarded to Norman Davis, Framfield, for a large group, including all types, arranged with fine harmony and effect. Others who made their mark with groups and flowers, all leaders in the chrysanthemum world, were H. J. Jones, Lewisham; W. Wells & Co., Merstham; W. J. Godfrey & Sons, Exmouth, and H. Cannell & Sons, Swanley.

Varieties honored with first-class certificates were:

Mrs. Andrew Walker, Japanese, rich chestnut red, from W. Wells & Co.
Mrs. Percy E. Wiseman, incurved, primrose yellow, from P. E. Wiseman.
Heston Bronze, a nice decorative flower, from Cragg, Harrison & Cragg.

All the others that received the coveted F. C. C. were singles, namely:



Chrysanthemum Mrs. B. E. Hayward.

Celia, yellow, from Cragg, Harrison & Cragg.
Mrs. John Peed, bright yellow, from Peed & Sons.
Caterham Bronze, a fine bronze with a yellow zone, from F. Brazier.
R. P. Burge, white, from P. Ladds.
Miss Margaret Walker, a large, bold golden bronze, from W. Wells & Co.
Charles Dickens, rich yellow, from Norman Davis.

I must go back in my notes to the point where I said that nothing highly sensational had been shown. The one sensational variety of the season I have seen is Mrs. Gilbert Drabble, introduced last year by W. Wells & Co. They exhibited it in London and Birmingham, and the flowers, as I measured them, were nine and one-eighth inches wide, eight and three-fourths inches deep and twenty-seven and three-fourths inches in circumference. It is a massive white Japanese flower, with petals full of substance, broad and curling. I have also seen it on the stands of a few competitors at various shows. Next year everybody will grow it. Bee.

MUM MRS. HAYWARD.

G. A. Lotze, Glen Burnie, Md., has tried his hand at raising chrysanthemum seedlings and has had a number certificated by the Chrysanthemum Society of America in the last few years. During the last season he received a certificate for the variety here illustrated, Mrs. Bartlett E. Hayward, an early, incurved pink. It was exhibited before the Philadelphia committee October 21, when it scored eighty-five points.

LATE WHITE AND YELLOW.

Will you tell me which are the best white and yellow mums for late flowering—varieties that will come in nice for Thanksgiving or later? Please state, also, how to handle them. J. A. F.

The white and yellow mums that seem to do best generally are the White and Yellow Chadwick. Nagoya in some cases is a good yellow, but the Yellow Chadwick, providing you get the E. G. Hill strain, is, I think, considerably better.

To get them in for Thanksgiving and later, they should be propagated late, say in June or even July, and then kept growing in the fall as long as possible before they make a bud. After the bud is formed, the plants must be kept in a temperature of from 40 to 45 degrees. Grown in this manner, they will give good flowers from Thanksgiving until Christmas. Any varieties, to produce late flowers, must be planted late and the late bud taken.

Chas. H. Totty.

PROPAGATING.

When are cuttings generally taken of late and early mums for greenhouse planting? When do growers generally plant them on greenhouse benches? Does an early cutting with two or three blooms equal the quality of single bloom from later cuttings? My location is Virginia and I never have grown mums under glass. R. G.

Answering R. G., cuttings are taken from January to July, depending somewhat on the season of planting and when it is wished to cut the flowers.

The exhibition grower, who wants to get the stock in the best possible condi-

tion, propagates as early as January with many slow growing varieties, but the commercial grower who is looking for flowers for Thanksgiving probably would not strike his cuttings until the middle of July.

For an early crop for average cut flower work, which is what I presume R. G. wishes to grow, early varieties may be rooted in March and set out on the benches just as soon in May as the house is ready. Plants intended for midseason flowering should be planted in June and for the later work either the first week in August or even the end of July.

Many growers are propagating at the present time, particularly on varieties that are scarce. These are topped and cuttings taken from them at intervals during the spring months. If the plants are properly taken care of, an early cutting with two or three blooms will come pretty close to equaling the quality of single blooms of later cuttings. They must of course be planted wider apart in the benches and not allowed to suffer for lack of either food or water. C. H. T.

A SOFT GROWER.

We are sending you herewith a few mums. You will note that the first few rows of petals have turned brown. The trouble develops just as the buds are expanding and they have the appearance of being soft and rotten. As the flowers open they dry up, as you now see them. They have had the same treatment as the other varieties growing in the same house and in the same bench; the care and the soil have been identical. The same trouble developed last year. Liquid manure and nitrate of soda have been applied at proper intervals. Can you tell us what the trouble is? The variety, I think, is White Cloud. Is this correct? L. F.

When the flowers reached me they were pressed perfectly flat and the foliage was dried up, so I can not tell whether the variety is White Cloud or not.

It is not at all unusual for the lower petals to turn brown if the plants have been fed too much with nitrate of soda, but I assume from the letter that the other varieties growing in the same house and on the same bench are all right. If this is so, the variety sent me is evidently a soft grower and I would advise discarding it. White Cloud was never a particularly soft grower with me, though I have my doubts about this particular variety being White Cloud, as it seems too rounded in shape. There are lots of good varieties today, without bothering with kinds that are too soft or otherwise unfit for commercial cultivation. There are so many fine commercial sorts today that no grower ought to bother with poor ones.

Chas. H. Totty.

CHRYSANTHEMUM SOCIETY.

The examining committees have reported as follows:

Exhibited by Peter Schilt, Evanston, Ill.—Grace Muller, single yellow, scored 88 points at Chicago, November 18; Mrs. Kenneth Barnhart, single, pink, scored 90 points at Chicago, November 18.

Exhibited by Fred Pautke, Grosse Pointe Farms, Mich.—Helen Newberry, white pompon, scored 90 points at Chicago, November 25; 91 points at Cincinnati, November 25; 88 points at New York, November 28.

Exhibited by Tong & Weeks, Ashtabula, O.—H. Tong, reflexed, Japanese, yellow, scored 77 points at Chicago, November 25; 82 points at Cincinnati, November 25.

Exhibited by Baur & Steinkamp, Indianapolis, Ind.—No. 25-06, lemon yellow, Japanese, scored 85 points at Chicago, November 25.

Chas. W. Johnson, Sec'y.



Chrysanthemums of Charleston Cut Flower and Plant Co.

MUMS IN SOUTH CAROLINA.

The accompanying illustration is interesting because one does not usually see large houses of chrysanthemums in full bloom in the south. This is reproduced from a photograph made November 10 at the establishment of the Charleston Cut Flower & Plant Co., Charleston, S. C.

CANNAS AT SPENCER, IND.

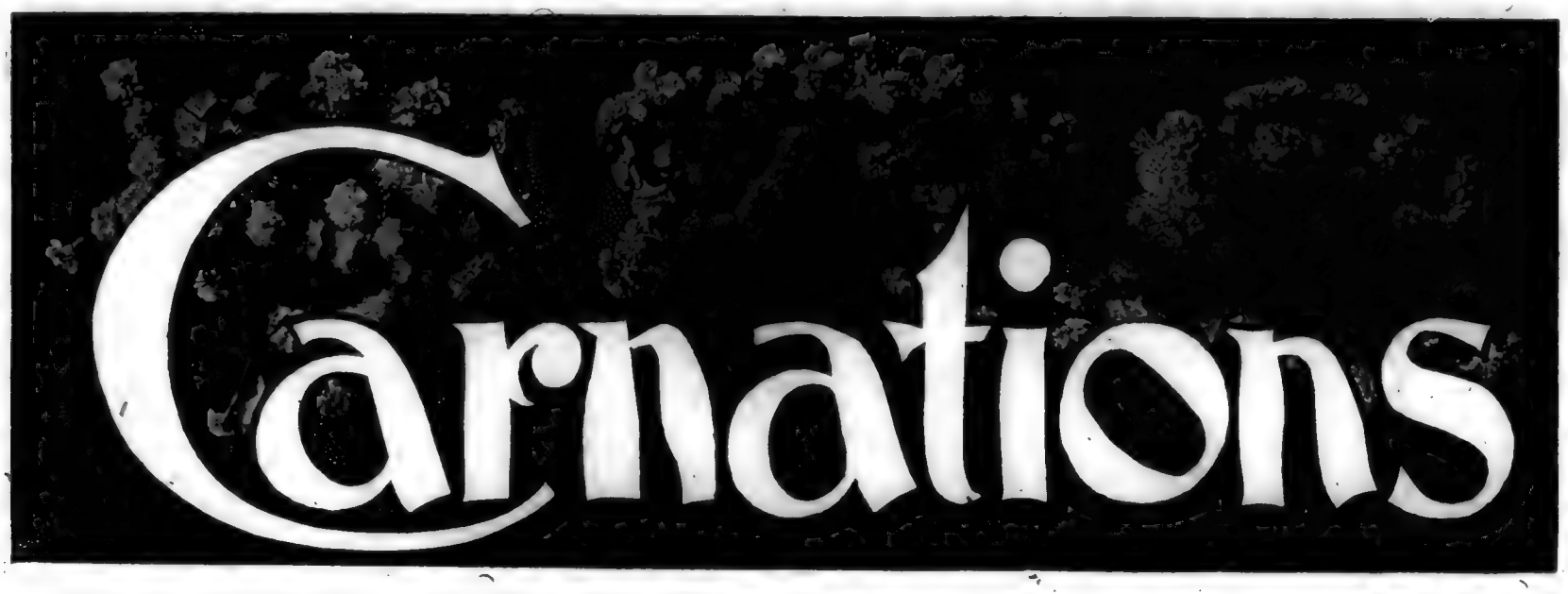
I saw in my Review for October 26 some views of the cannas at the nursery of Conard & Jones Co., and the thought came to me that the readers of The Review might like to see some cannas grown in the middle west, where things really grow.

Last spring I wrote Conard & Jones Co., asking them to send us a number of cannas suitable for our display garden. These were planted along with a lot we already had from them, and such cannas we have never before seen in any land. The stock was planted in the open ground—dry roots, not started plants—and you see the result. Although the season was extremely dry in the early part, they grew amazingly, some of the clumps reaching a diameter of two and one-half feet and the plants reaching, as you will see, far above the head of the man who had them in charge. At the end of the season, early October, some of the plants reached a height of more than twelve feet. The accompanying picture was made a month before frost, at which time many florists told us they had never seen such a sight in cannas, and it really was a sight worth going a trip to see a month later, when they were a great deal larger and finer.

E. T. Barnes.



Cannas at Spencer, Indiana.



PROPAGATING.

Curtaining the Bench.

Having selected your bench for propagating carnations, you will next begin getting it ready to receive the cuttings. Before doing this, however, there is one thing you must provide. You will need some curtains, to keep off not only the strong sunlight, but also strong air currents. A strong current of air blowing over the cuttings, on a bright, warm day, will destroy them as quickly as strong sunlight.

So, if your propagating bed is a side bench in a wide house, you will need two curtains, one just under the glass, to keep off the sun, and the other one to hang down in front of the bench, to ward off air currents. These are so much more satisfactory than the old method of laying on newspapers, that, in installing a propagating bench, they should be considered as essential as the bottom boards.

Selecting the Sand.

Now you are ready for the sand, and good propagating sand is a necessity. We have used both river and bank sand, and while some growers prefer the one or the other, we have no preference for either one. Bank sand is more apt to vary in coarseness, but, if you can select your sand, no trouble should be experienced along that line. Use a good, sharp sand, that will allow the water to drain off readily, but it should not be too coarse, either. There is really more danger of getting poor sand from the river beds than from the pits. Not only is river sand apt to run too fine, but it is also apt to come from near the mouth of sewers, etc. In such instances it is, of course, unfit to use for propagating. So be careful where your sand comes from.

Leveling the Sand.

When putting sand in your propagating bench, make it about three and one-half to four inches deep before it is watered and packed down. Three inches is deep enough after it has been firmed. See that it is leveled off nicely, so that the water will soak in uniformly when you water the cuttings. Speaking of firming sand reminds one of the many crude methods for doing this work that one sees in going around. A handy packing tool is made out of a piece of cypress plate, 2 x 6 x 10. On the middle of this is nailed a V-shaped handle, with the two ends against the large piece. This is sawed out of a 2 x 4 scantling and is made just large enough to fit the hand nicely.

We have used two inches of clean cinders and three inches of sand, instead of all sand, with excellent results, and when the sand is rather fine this is a good plan, as it helps the drainage. A. F. J. Baur.

WATERING CARNATIONS.

We should like to get some information in regard to watering our carnations during the cold weather. Our plants are in good condition now. They have not been watered at any time as heavily as some growers water, but we feel that we need advice in regard to watering during the cold weather. We are also planting a house with winter-blooming daisies and snapdragons. What would be the right temperature for these and the distance apart in the benches? L. B.

Without knowing anything about the texture of your soil, it would hardly be policy for me to try to tell you how to water it. There is a vast difference between the water required by a heavy, clay soil and a light, sandy soil. In fact, it is not safe to try to lay down hard and fast rules for watering any kind of soil. You must be governed by the condition of your plants and the weather.

As a general thing, however, if your plants are in good growing condition and your soil drains readily, there is not much danger of overwatering the plants. We aim to keep our soil in a fairly moist condition all the time. We never allow it to become really dry, as we think this causes more splitting than anything else, with the possible exception of extreme variations in temperature. Neither should the soil be kept in a soggy condition for any length of time. After each watering we allow it to get just a little on the dry side, when another good watering is given. Our soil is a medium loam and drains well. As already stated, a heavy soil will not bear watering as we water ours. Some soils need close watching. To flood them at any time will cause them to run together, and if allowed to dry out they will cake into a hard mass, in which no carnations will thrive. The only way to water such soil is to administer the water in small doses and in such a way as to avoid both extremes at all times.

Plant your snapdragons about fifteen inches each way and your daisies will stand about two feet each way. They will thrive in a carnation temperature. A. F. J. B.

USE OF CHICKEN MANURE.

I can get any quantity of chicken manure. Will you kindly tell me how best to use it for carnations? How much should be put in fifty gallons of water to make liquid manure? How much should be used as a mulch? My beds are 5 x 135 feet, with six inches of soil in them. D. E. P.

Chicken manure is not considered a good fertilizer to give your carnations as a steady diet. It is all right to give as a change two or three times in a season, as a dressing on the benches, but can be given oftener as a liquid. In using it as a top-dressing, it should be pulverized and mixed with soil in the proportion of about one part to three parts soil. Put two good handfuls between each row, halfway across a 5-foot bench.

To make a liquid, put a peck of the manure in a burlap bag and hang it in a 50-gallon barrel of water. In about three days you can use the water on your benches. The first lot should

The Editor is pleased when a Reader presents his ideas on any subject treated in

THE WEEKLY FLORISTS' REVIEW

As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU

be diluted with water half and half, but after that it can be used without diluting. The same manure will be good for four barrels of water. Give such a dose not oftener than once in each month, using cattle manure between. A. F. J. B.

SPRAYING IN AFTERNOON.

Please state what is your opinion of watering carnations in the afternoon between 4 and 5 o'clock. Is it proper to sprinkle them every afternoon between 4 and 5, when not watering the roots? Our grower insists upon this method, which I do not agree with. A word from a competent man would be greatly appreciated. J. A. & S.

The idea of spraying carnations overhead between 4 and 5 o'clock in the afternoon is certainly not in accord with the most modern methods of growing these flowers. Nowadays we spray overhead perhaps on an average of once each week, and then it is done in the morning of a bright day, so that the plants will be sure to dry off before evening. Your grower is constantly inviting trouble and it would be wise to get him headed off as quickly as possible. Spray only to keep spider in check or to keep it away, and water only the soil between the plants. A. F. J. B.

STRONG PLANTS, BUT FEW BUDS.

My carnations were planted from the field in July and the early part of August. The soil was prepared in about the same way as in other years, when the plants did well. This season, however, they do not make roots well and they make no headway in growth. They look healthy and strong, but make few buds. I shall be pleased to hear from someone who has had experience of this kind. H. B.

Without seeing the plants, it would be difficult for anyone to form any idea of the cause of your trouble. We have seen individual plants act in this manner, and in at least one instance have seen fully seventy-five per cent of a house behave in a like manner. In these instances it was simply a case of wild growth, such as you have no doubt seen in your Lawson plants occasionally. Such plants will produce a rank growth without throwing any buds. I know of no remedy for this, but have heard it suggested that to cut the plants back hard would cause them to return to a normal growth.

Is it not just possible that your crop of buds is merely late, a condition produced, perhaps, by late topping on account of the smallness of the plants, which was general all over the country this year? Make sure of this point before you adopt any drastic measures. If the plants appear strong and healthy, it is not likely that there is anything wrong with your soil. A. F. J. B.

STEM-ROT.

Having read much of the stem-rot in The Review, I would like those who have the rot in their plants to examine the root of the plants, as I think it is caused by sour soil or manure too fresh. I have only had a few carnation plants affected, so that I have been unable to test it thoroughly, but I found when the plant was quite dead with the rot the root was dead, but when the plant was partly affected the root was only partly affected, so that I think the trouble is below the soil and not above. Would like others who find it so to give an answer in The Review. E. S.



Carnation Rainbow.

CARNATION RAINBOW.

Variegated carnations were much to the fore at the National Flower Show at Boston last spring and one of the features noted of them was that the originators had chosen, departing from the practice of giving names of persons, titles more in keeping with the character of the flowers. For instance, the Wanoka Greenhouses, Barneveld, N. Y., gave to its medal winner the name of Rainbow. The variety is the result of crossing a seedling with Lawson, the seedling having originated from a cross of Morning Glory with Lawson. The color is a delicate shading from deep to light pink, on the order of Prosperity. The character of bloom is shown in the accompanying illustration.

THAT CALYX SUPPORT.

In my trip south last month I came via Cincinnati, and as I had a short time to wait at that point I thought I would take a look at some of the flower stores, having never been there before. In conversation with several different persons I found to my astonishment that they are all still relying on what we consider a much out-of-date method, and that is sewing up or in some similar way fixing burst carnations. I voiced my astonishment and only met with incredulity in most cases when I told them that there is a neat little invention on the market that obviates having split blooms. This little invention we have used for several years to our great satisfaction and profit, as it is made of brass and lasts as long as you take care of it, making it really the cheapest as well as best way of overcoming the split flower difficulty. It makes a perfect natural bloom, without defect, and so salable at the top price. The statement was made that one could sew them quicker. This is supremely ridiculous, as the calyx, as it is called, is clasped about the stem and shoved up over the bud before it is fully developed, all in one motion, and they should be placed by the person disbudding a bench, in this way really taking no extra time to place. Anyone familiar with carnation growing knows how readily he can tell a bud that is going to burst, so that you know just which ones to place it on. At the same time they can mostly be removed from those that they are no longer needed on, as after the petals of the flower have stretched out of the calyx there is no further danger of splitting.

This little invention came from Rhode Island, I believe, at first, but as the inventor died, it now is owned by Morton F. Tank, of Chatham, N. Y. I have written at length about this, as I believe that when one runs across a really good device or labor saving invention it is but right to call our friends' attention to the same.

R. E. Shuphelt.

New Philadelphia, O.—T. B. Stroup reports Thanksgiving trade quite an advance over last year. Business has been active ever since autumn arrived, with many quite large wedding decorations.

Enid, Okla.—About five o'clock Thanksgiving morning, fire attacked the greenhouse establishment of J. R. Detwiler, consuming the boiler room and nearly one-quarter of the houses. The loss was about $1,500. Tarpaulins were used to protect the openings and oil stoves were set up, thus saving the remainder of the plant.



ERADICATING MILDEW.

I notice in the last issue of The Review, that for November 23, a reply by W. H. T. to W. G., in regard to "Sulphur on Pipes," in which W. H. T. states that this is an old-fashioned remedy for mildew. Now, I have a stubborn case of mildew on a good house of roses and I find it hard to handle it this "old-fashioned" way, so please have W. H. T. give us some up-to-date remedy or method for killing or getting rid of this mildew and I shall greatly appreciate it. J. E. M.

If the mildew does not seem to be overcome by the ordirary treatment with sulphur, I would suggest spraying with a solution of sulphide of potassium, commonly called liver of sulphur, the solution to consist of half an ounce of the sulphide to one gallon of water. The sulphide of potassium should not be exposed to the air for any length of time, as it is liable to deteriorate from exposure, and the solution should be used as soon as the chemical is thoroughly dissolved. Sulphur on the pipes will usually conquer the mildew, but is liable to spoil the color of the roses to a greater or less extent. W. H. T.

TROUBLE WITH BRIDE ROSES.

Enclosed please find a rosebud, Bride. Kindly state trouble and remedy.

W. A. L.

The short, thick buds, not unlike the bull head flowers which were characteristic of the old Perle, are becoming more common on this good old variety, and your best remedy would be to drop this sort and grow White Killarney, which is a better rose in every way and succeeds in the same temperature and under the same conditions as Bride. Even under the best conditions, Bride will throw a proportion of these flowers. If growing the variety again, use care and do not propagate from plants which have this failing. Careful selection of cuttings will do much toward remedying the trouble. C. W.

RICHMOND AND RHEA REID.

I should like to ask the successful rose grower what he thinks of Rhea Reid as a money-getter alongside of Richmond. Does it compare favorably as to quantity, etc.? F. P. B.

Rhea Reid is not grown to anything like the same extent as Richmond. In the market quotations from the big cities Richmond is always mentioned, while only in Boston and Chicago do we find Rhea Reid named. Bassett & Washburn, Hinsdale, Ill., grow this rose well; so does William H. Elliott, of Brighton, Mass., at his Madbury, N. H., establishment. Mr. Elliott finds it pays him better than Richmond, perhaps because it succeeds better than Richmond in his particular soil. The color, while good, is less brilliant than that of Richmond. Still, there are many who like it. As a money-maker it is fully equal to Richmond, always provided that the flowers can be sold at the same prices as Richmond. Under good culture it produces some fancy flowers, which are worth more money than the best Richmonds. The color is the only drawback to its more extended culture.

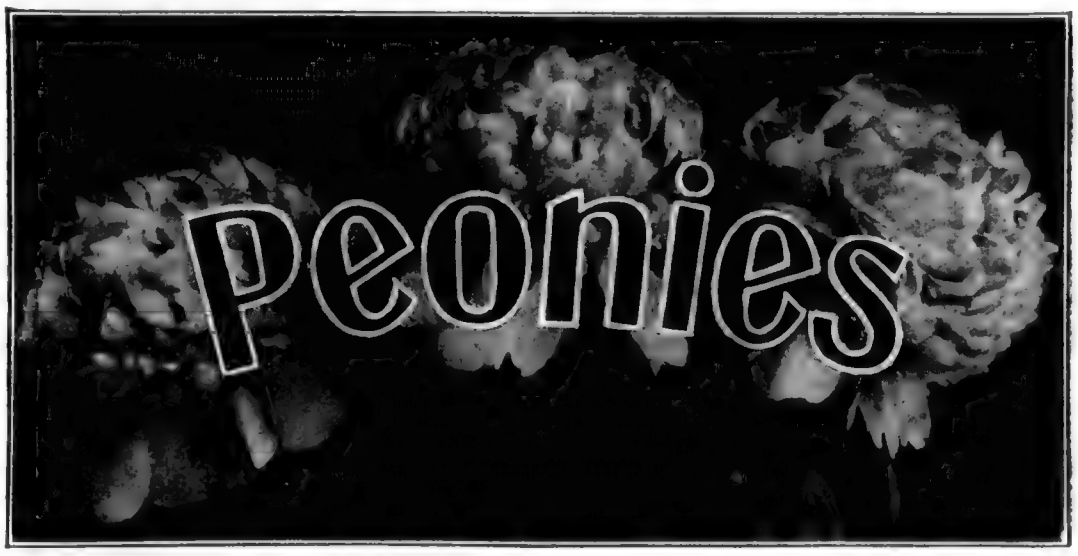
HARDY ROSES.

Hardy roses should be protected before the ground freezes solidly. The simplest and best plan is to throw or draw earth up about the stems, and, provided the plants are annually cut back quite hard, there is sure to be some live wood left to prune back to in the spring. Mother Earth is a far better protecting material than manure, straw or leaves. This protection applies to the hybrid perpetual class. Hybrid teas are more delicate. They can sometimes be wintered successfully by laying them down and earthing them over, placing a mulch of straw over this. However, there are many places where this covering will not suffice, in which case it is much safer to lift the plants and store them close together in coldframes, being sure to wet the roots well when planting them. If frames are not at disposal, dig a trench on ground with a good slope and bury the plants, afterward covering with some mulching material.

HOT WATER HEAT FOR ROSES.

I should like to ask some of the principal rose growers whether any of them depend entirely on hot water for heat and have success in keeping clear of mildew. I should like to know how to do so. I should also like to ask whether those who have hot water do not have steam to help them out in this battle. F. P. B.

I am not acquainted with any rose growers who now use hot water for heating purposes, although there probably are many among the smaller growers. It is difficult, if not impossible, for the small growers now to compete with the big growers of roses. Those having steam have, of course, a great advantage over the hot water users in keeping mildew in check. I have seen tolerably clean roses grown with hot water heat, but it needs much care and forethought to do so. I would certainly say that you have a much harder road to hoe in controlling mildew with hot water than with steam. C. W.



THE PEONY "BOOM."

Bertrand H. Farr, of Reading, Pa., who is president of the American Peony Society, commenting on a recent item in The Review to the effect that "the peony boom is not 'busted,'" says:

"I certainly do not think that the 'peony boom' is 'busted' by any means. The best evidence of it from my standpoint is that I do not advertise in The Review, simply because so far I have had enough inquiries from my retail advertising, together with unsolicited inquiries from dealers, to keep my stock at a point where I have no worries about the surplus, especially since what little surplus I have has every year given me good returns in cut flowers alone. I believe it is true that the tendency of a large number of people to rush into the business has received a check to some extent, but the country is large and of the finer varieties there is nothing like an adequate supply for the demand, which at the present time has only slightly been aroused. The great mass of people do not know peonies. Comparatively few people have seen any but the varieties most commonly grown. Everywhere large country estates are being developed. The wealth of the country is rapidly increasing, and as people acquire the means and opportunity the appreciation of the garden develops with it, and in my opinion the demand, not only for peonies but for hardy plants of all kinds, is in its infancy in this country."

SEASONABLE SUGGESTIONS

Genistas.

While genistas sell particularly well at Easter, it is a good idea to start a few plants from time to time. They will make a welcome addition to the list of flowering plants in midwinter. Do not attempt to force them. A night temperature of 48 to 50 degrees will bring them along nicely. In order to get a good stock of young plants for another season, place a good batch of cuttings, rubbed off with a heel, in a propagating bench. If carnations will root in it the genistas will do equally well. In addition to genistas, also put in some cuttings of such ericas as melanthera, caffra densa, gracilis and hyemalis. Rub these off with a heel. It takes them much longer to root than genistas, but if not allowed to get dry at the root or exposed to sunshine, a small percentage only should fail to root. They propagate more easily during the coldest months of the year.

Christmas Azaleas.

Coming, as they do, so close together this season, any unsold azaleas from Thanksgiving can easily be held until Christmas in a cool house. The call for the bright-colored dwarf varieties, Hexe and Mme. Petrick, is strong for the holidays, and even if these only have a few flowers open they will sell. Give these and any other Christmas azaleas a brisk heat and frequent syringings. While Deutsche Perle is always in some demand and can be flowered with little forcing, it is the colored varieties that take the lead at Christmas.

Lilies.

Harrisii lilies intended for Christmas should have a night temperature of 65 degrees and the plants are benefited by being sprayed over frequently in clear weather. The use of tepid water is generally advised for all plants being forced hard, but the writer's personal experience has been that it makes little difference whether the water has a temperature of 40 degrees or 80 degrees. The same holds good with regard to cutting benches. Some assert that for tropical plants warm water is necessary, but I have always had just as good results from the use of water direct from the faucet as when it has been stored in a barrel and warmed. Cold storage longiflorums are in fair demand at Christmas. This holiday runs largely on colored flowers, but there is always some call for lilies. Plenty of water, heat and atmospheric moisture are requisite for these winter flowering lilies.

Lilies for Easter all should have been potted before this time. If any longiflorums are still out of the soil, lose no time in getting them under way. This lily likes heat all the time. As it is now late for potting, any of these laggards should go into a shed or house with a temperature of 55 degrees or 60 degrees from the start. Remember that Easter comes early in 1912, and to have plants on time it should be possible to see and count the buds on or about February 25, which would be six weeks before Easter. This is none too much time to allow in an average night temperature of 60 degrees. Stand any of the longiflorums on the bench when they are first through the soil and grow them warm. It is much better to have the plants a little on the early side than to subject them to hard forcing near Easter.

Lilium speciosum and auratum are now to hand and should be potted at once. These do best in fair sized pots, the speciosums three to four bulbs in an 8-inch pot and the auratums in 10-inch pots. Cover the bulbs well and store in a cool cellar rather than under a greenhouse bench until they are well rooted, with the shoots pushing through. Any wanted for outside planting, which frost in the ground may prevent the setting out of now, can go singly in 5-inch or 6-inch pots, according to the size of the bulb, and be set out quite deeply when the ground has thawed out in spring. L. speciosum from cold storage bulbs are acceptable Christmas flowers, especially the varieties rubrum and Melpomene. These, if potted in July, will now be flowering. They are better grown fairly cool, at 50 degrees night temperature. The flowers are much firmer than when hard forced and come also of a better color.

Dutch Bulbous Stock.

The earliest lot of Golden Spurs and Trumpet Majors should now be in heat. Some of these may flower for Christmas, but it does not pay to force these hard in an effort to flower them. A temperature of 55 degrees at night is better than one 5 degrees to 10 degrees higher, as in it the flowers will be longer and of greater substance. The French bulbs of Golden Spur, Emperor and Trumpet Major are earlier than the Dutch and, while somewhat shorter stemmed, can be bloomed without trouble for Christmas. A batch of that excellent forcing tulip, La Reine, and a few of Yellow Prince, should be taken in at once. Keep them in a warm but dark place until the shoots are well drawn up. Treated similarly to lily of the valley they do well, only they are better without bottom heat.

Amaryllis.

As the amaryllises will now have lost most of their foliage, they can be laid on their sides in a temperature of 45 degrees to 50 degrees. A few will probably be already showing spikes. These should be repotted when necessary, using a compost of fibrous loam and dried cow manure, with a little sand and fine bone added. Many plants will not need an annual repotting, but if the drainage is seen to be all right and a good top-dressing is given they can, with the aid of liquid manures, be kept in good growing condition. In starting plants a little bottom heat is an advantage and water should be applied a little sparingly until spikes and leaves show. A temperature of 55 degrees to 60 degrees at night is suitable.

FORCING THE BEST LILACS

DIRECTIONS OF A SPECIALIST.

Preparing the Plants.

Before a lilac can be forced into bloom it wants a period of rest. The plants, when grown in pots, go into a dormant state about the latter part of October. A well grown lilac differs from a poorly grown one not always by its larger number or the thickness of its branches. Both plants may look almost alike. Sometimes the shape and appearance are in favor of the badly grown one. The chief value lies in the way they are treated during the summer. They should be grown in such a way that they go into the dormant state early and yet have stored sufficient nourishment to feed a full sized flower. It is easy to grow a nice looking lilac, but hard to grow an easy flowering one. If the roots are allowed to grow over the pots they make a strong growth and a field of lilacs grown in this way looks healthy and fine as a rule, but their value for forcing is doubtful.

When the lilac plant goes into a dormant state in October nature has not yet fulfilled its task. Although the superficial observer sees nothing uncommon on the buds, inside of them there goes on a number of chemical processes that make them ready for the coming spring. Not before the buds are fully prepared can a full sized flower be produced. Before the plants should be forced into flower it is necessary that the period of rest is sufficiently advanced. That is why a plant forced in January or February forces easier and gives better results than when forced in December.

Shortening the Rest Period.

To shorten this period of rest, freezing, hot water treatment or etherizing are applied with good results. Plants that have been exposed to frost have their period of rest shortened. For this reason it is advisable to heel the plants

in outside so they are exposed to frost. Hot water treatment is best applied in a basin of water of 85 to 95 degrees Fahr. Only the buds and shoots need to be treated; the root balls are left out. This treatment takes about six to ten hours. If the temperature of the water is lower (70 to 80 degrees Fahr.) ten to twelve hours will be necessary. Plants that have been exposed to frost need shorter treatment. Etherizing is done in an airtight box in which ether is placed and vaporized. This treatment takes about twenty-four hours.

Although it is rather difficult to give definite rules for forcing lilacs, I shall try to explain in the following lines the most essential. It must, for the greatest part, be left to the forcer to understand the exact needs of the plant and his requirements as to watering, airing and heating. I shall also explain how to insure Charles X its delicate lilac color, which is something unknown to the majority of lilac forcers.

Lilacs can be had in bloom at Christmas, but the success with them is not sure when they are not previously exposed in one of the three ways to shorten the rest period. I would therefore advise not to bring more plants inside than is necessary, for the results are uncertain. The later the plants are brought inside, the better. They force easier and make better flowers and trusses.

High Temperature Needed.

Lilacs want a high temperature and the idea of letting them come slow, or as florists sometimes say, "almost natural," is entirely wrong. They should be forced. The meaning of that word clearly expresses itself.

When the lilacs are taken into the greenhouse they should at once be given at least 80 to 90 degrees Fahr. If it is not possible to give them so much heat from the greenhouse pipes, and if there are other plants in the same house that do not require so much heat, I would advise placing the lilacs in one end of the house and have this part separated from the other part with boards, glass or canvas. Then bring the division to the necessary temperature. The heat of a stove is favorable to lilac forcing. It makes the air dry, where the boilers make it damp.

One has to take care to spray abundantly three or four times a day, through the branches and buds, and also to have the root balls in the pots sufficiently wet. On account of this spraying the surface of the soil will look rather wet, but this is deceitful, for the lower parts of the balls are sometimes too dry. On the other hand, the balls should not be too wet. The plants do not consume much water in the first eight days and if too wet, the roots will rot. Here it is where the forcer should use his own judgment. The buds have to be constantly kept moist. Within ten to twelve days the buds break open and are about of a finger length. This is the time to lessen the heat until the trusses have attained their full size, which takes about two and one-half weeks. Also the spraying should methodically be lessened. When the flowers begin to expand, a thin spray once or twice a day will be sufficient. If the flowers are open, the spraying should be stopped. Spraying on the open trusses is ruinous to the blooms.

The last eight to ten days the lilacs can get sufficient heat from the greenhouse pipes and it is only with dark, wet weather that the stove needs to be used. During forcing it is well to give them once in a while a little airing.

The Best Varieties.

The variety Charles X has a fine lavender color, but if forced wrong turns into a dirty white. To insure this variety its beautiful color it is necessary to place the plants cooler after the second week of forcing and in a place where it is possible to give them fresh air from the outside through the ventilation. This should not be done when it freezes. Charles X, when flowering outdoors, always is blue. Even those plants which do not show good color in forcing get the right color outside. This gave us the conclusion that forced plants that were exposed to outside air the last week of forcing also should regain their natural color, and by doing so we were successful.

Marie Legraye, single white, is the easiest to force, consequently the earliest. After this variety comes Charles X, single lavender, and Souvenir de Louis Späth, single purple, Mme. Lemoine, double white, and President Grevy, double lavender. These are the varieties that give best satisfaction.

B. B. C. Felix.



H. R. Fisher.

H. R. FISHER.

Before starting in business for himself at Marysville, Kan., a little less than a year ago, H. R. Fisher had worked in flower stores all over the country. He put in twenty years at the trade before starting for himself, but since getting the backing of a banker that permitted him to make his start he has made splendid progress, the trade at his place having increased over 150 per cent since he took it over—which shows the good judgment of the banker who staked him.

PUBLICATIONS RECEIVED.

["What England Can Teach Us About Gardening," by Wilhelm Miller, Ph. D. Doubleday, Page & Co., New York. Size, 7½x10¼ inches, 360 text pages, illustrated with 112 full-page photographic plates and eight plates in color. Price, net, $4; postage, 35 cents.]

"What England Can Teach Us About Gardening," by Wilhelm Miller, is the sort of book that may easily be praised, freely and emphatically praised, without danger of doing violence to the truth, anl the most maliciously disposed reviewer would have difficulty in finding fault with it.

In the first place, to begin with its mechanical make-up, it is a handsome volume, really a sumptuous one. In paper, type and illustrations, it would well bear comparison with many of the so-called editions de luxe. The 112 full-page halftones, as well as the eight colored plates, are real works of art.

In the second place, to pass from its mechanical style to its literary style, the author's manner of expression is as clear and attractive as could well be wished. Though affixed to Mr. Miller's name is the formidable degree of Ph. D., yet he prefers, he says, to write "like one business man to another, instead of following the classical models studied at college." He even confesses that he has used slang when it best suited his purpose. At any rate, his phraseology is terse, vigorous and graphic, with an occasional sparkle of humor. It is a pleasure, not a task, to read the book.

His knowledge of the subject, too, will be readily admitted, in view of what he has accomplished as associate editor of Bailey's Cyclopedia of Horticulture, editor of the Garden Magazine and horticultural editor of Country Life in America. And he completed his equipment for the writing of this book by visiting England and carefully studying its gardens.

But, after all, the most important fact about the book is the wisdom of its purpose. The best aid to an appreciation of the book is a thorough understanding of its aim. Though the author states unhesitatingly that this country is three centuries behind England in gardening, and that Americans must "get busy" if they would make their country "one great garden, as England is," yet he strongly condemns the close, undiscriminative following of English example. In writing the book his effort has been to gather from English gardens and landscapes such ideas as are really applicable, with more or less modification, to American conditions. The principles of his book have been partly imported, as it were, from England, but have been sufficiently Americanized before being introduced to the reader. He insists that the ambition of American gardeners should be, not to copy or reproduce English gardens, but to establish a distinctively American style of gardening, with English gardens as an inspiration, a guide, and sometimes a warning.

And, as this main idea of the book is elaborated throughout its pages, almost every possible form of gardening—wild, formal, rock, water gardening and all the rest—is fully described and discussed in the author's own entertaining way.

For sale by The Review at the publishers' price.

CINCINNATI.

The Gateway to the South.

Immediately after Thanksgiving the market began to tighten, until now there is scarcely enough stock to fill early orders, much less take care of everything properly. The chrysanthemums are rapidly nearing the close of their season and their gradual exit, combined with the small supply in other lines, has made the quantity of stock available much less than could be easily used. Accompanying this movement on the part of the supply and the strong demand came an increase in prices.

The supply for Thanksgiving was large. The growers held everything until the last minute and sent it all in at one time. The inevitable in such a case followed; in order to move the accumulation prices had to be cut quite considerably. More or less of the mums plainly showed the effects of the holding over. The really good stock brought its usual good price. Friday was spent in disposing of the stock held over from Wednesday and Thursday. Since then not a large quantity of anything has been apparent.

From now on the roses will undoubtedly be the leaders in the market. Reports from the growers indicate that there will be a steady increase in the cut until the Christmas holidays. The quality of all is good. American Beauties of all sizes are again available and the quantity of them arriving each day seems adequate to take care of all normal demands. Killarney, White Killarney and Richmond are fine, while Bride and Maid are not far behind.

Right now the supply of carnations seems somewhat limited. The growers all say there are plenty of buds, with many of them showing color, but they are slow to open. Those that are offered, however, are good. The colored varieties seem scarcer than the white.

Bulbous stock is fast becoming a factor in the market. Narcissi have been finding little trouble in getting buyers and this week Roman hyacinths are added to the list. The same general shortage is apparent in most other lines. Lilies sell quickly. Violets, both doubles and singles, are running short of the call for them. Valley is good property. Poinsettias are coming in stronger, while the quality is of the best. Orchids and stevia are also included in the list of offerings. The demand for all kinds of green goods is excellent.

Various Notes.

Florists' Club meeting Monday, December 11, at the club rooms.

Albert McCullough has returned from the south the picture of health.

C. E. Critchell is the first local wholesaler to offer Roman hyacinths this fall.

Joe Beran, of the cut flower department of the J. M. McCullough's Sons Co., has been handing out cigars. A baby daughter arrived at his home December 2.

E. G. Gillett has been receiving some elegant Beauties from Heller Bros., of New Castle.

P. J. Olinger says that from the appearance of his stock at his greenhouses, he will have a banner month.

Visitor: W. I. Knoff, of the Weller Pottery, Zanesville, O.

Wm. Murphy's first cars of holly and laurel arrived on schedule time. If the early demand is any criterion for the sale of the whole, Mr. Murphy is bound to clean out in a hurry. C. H. H.

DAYTON, OHIO.

The Market.

When the first day of November put in an appearance it found the cut flower market dead and flowers of all varieties in abundant supply, many of which were consigned to the ash barrel on account of no business. Stock of all kinds, and especially roses, crowded the market. This condition lasted until the month was about twenty days old, and from then on business commenced to pick up and stock began to get scarcer. When November took its departure conditions were entirely reversed, and at the present time the demand for stock far exceeds the supply. Not only are carnations a scarce article, but roses likewise. Chrysanthemums have had their day. Lilies are in good supply, also narcissi, but owing to the scarcity of roses and carnations the florists find it easy to dispose of them. In fact, nothing in the cut flower line, at the present time, goes begging for a buyer.

Various Notes.

At the establishment of the Miami Floral Co., George Bartholomew says business is most satisfactory and the outlook is good. The only drawback at the present time is the scarcity, which makes it difficult to meet all demands. Thanksgiving trade was the best they had in years, this being all the more appreciated after the previous prolonged lull in trade.

Mrs. E. Young, who has been on the sick list for the last week or so, is able to be at the store again.

The Heiss Co. reports having every reason to be thankful, for the Thanksgiving business was all that could be wished for. The company also realized a big thing on chrysanthemums this year; practically none of them went to waste.

M. Anderson was in Cleveland last week on business.

On the evening of November 29 the home of Mr. and Mrs. George Bartholomew was the scene of a pretty home wedding, when their daughter, Miss Ruby A., became the bride of Claude W. Leslie. The house was profusely decorated with palms and lilies. The bride carried a shower bouquet of lily of the valley. Mrs. R. G. Bartholomew, matron of honor, carried a large bunch of Bride roses, while Miss Amy Ewing, the bridesmaid, carried a shower bouquet of pink roses and sweet peas. The groom was attended by his brother, Howard Leslie, as best man. After the ceremony a dainty supper was served.

Mrs. T. M. Waters, of Eaton, O., tells us that she had a big Thanksgiving trade and that her chrysanthemums this year were fine and brought good prices.

A. F. Longren, from E. H. Hunt's, Chicago, was in the city several days last week. His display of florists' supplies at the Phillips House was elaborate.

Miss Katheryne Young had a big wedding decoration at Franklin, O., last week.

Mrs. L. D. Johnson was as busy as a bee last week, getting out funeral orders.

Samuel Kurtz, Dayton's latest addition to the craft, tells us that everything looks very encouraging. R. L.

BOSTON.

The Market.

Thanksgiving business was excellent and growers, wholesalers and retailers were well satisfied. The clean-up was better than we have had for several years. Chrysanthemums, especially colored ones, sold well, in some cases making $3 to $4 per dozen, a few specials going to $6, but the heaviest sales were on flowers of medium size at $10 to $16 per hundred. Bonnaffon, Nonin, Maud Dean and Chadwick were leading varieties, with some of the Jerome Jones. Roses sold out extremely well; top grade Beauties made $6 per dozen. There was a good supply of Richmond and Rhea Reid and these were eagerly snapped up. Killarney sold well, but the white variety went more slowly. The yellows, such as Mrs. Ward, Lady Hillingdon and Mrs. Waddell, were in good demand.

Carnations made a sharp advance in price, selling at $3 to $5 per hundred, with some fancies at $6. Fenn, Beacon, Scarlet Glow, Sangamo, Dorothy Gordon and Pink Delight were leaders.

Violets cleaned up in fine shape at $1 to $1.50 per hundred, some extra singles going as high as $2. Valley was abundant, with no change in price and moderate sales. Some good snapdragon came in, the pinks being in great demand. Some nice mignonette sold well. Marguerites were not plentiful and made $1.50 to $2 per hundred. Paper Whites and Romans were in good supply at $1.50 to $2 per hundred. Sweet peas, chiefly pink and pure white, made 75 cents and $1 and were abundant. There were some fine pansies, which were in demand. Cattleyas were in short supply at $6 to $8 per dozen. Gardenias were plentiful, with only moderate sales. There was an excellent sale for both Asparagus Sprengeri and plumosus.

Plant trade was quite good. Azaleas were favorites, especially Hexe and Mme. Petrick, also Lorraines, cyclamens, primulas, ericas and nephrolepis.

Since Thanksgiving there has been an excellent market. December 2 everything was cleaned up, with Thanksgiving prices well maintained, and in the case of carnations even improved on, sales being at from $3 to $6 per hundred and some with specials as high as $8. Violets and roses were also still selling well. Chrysanthemums are much less abundant and the demand for them has fallen off considerably.

Various Notes.

A. A. Pembroke, of North Beverly, is shipping splendid consignments of Pink Delight, White Wonder, White Enchantress, Beacon and other carnations to the Flower Growers' Sales Co. Mr. Pembroke grows sweet peas heavily, and his daily pick is over 3,000. He will largely increase his planting of carnations next season.

Geo. E. Buxton, of Nashua, is now sending large daily shipments of his high grade carnations to Thomas Pegler at the Boston Flower Exchange. Some of Mr. Buxton's leaders are Winsor, Fenn, Bon Ami, Sara Nicholson, Pink Delight, Enchantress and White Enchantress.

Beacon, White Enchantress, Enchantress and other leaders.

Frank Putnam, of Lowell, from his North Tewksbury establishment, in addition to his carnations, which have gained an enviable reputation for quality, has an excellent lot of antirrhinums, with extra long flowering stems for the season, which are in active demand at the stalls of the Flower Growers' Sales Co.

Welch Bros. are more than satisfied with their Thanksgiving business, which was away ahead of 1910. They had a heavy shipping trade and their growers sent them a grand lot of sweet peas, valley, carnations, Beauties, Killarneys and other seasonable flowers.

The Gardeners' and Florists' Club will hold a field day at Framingham on Saturday, December 16, leaving Park Square on special Boston and Worcester electrics at 12 o'clock. The establishments of W. R. Nicholson, S. J. Goddard and J. T. Butterworth will be visited. The Framingham outings always attract a large attendance.

Richard D. Kimball, of Waban, is this season having extra success with carnations, White Wonder, Gloriosa, Pink Delight and Beacon.

William Sim lectured before a large meeting of the North Shore Horticultural Society on sweet peas, December 1. Accompanied by Messrs. F. J. Dolansky, Geo. Gordon and A. A. Pembroke, he visited many of the private estates before the meeting.

J. Newman & Son had an exceptionally heavy November and their Thanksgiving trade was the best ever. Their Tremont street store windows are always tastefully arranged.

Waban Conservatories had a superb lot of roses for Thanksgiving. Pink and White Killarney, Lady Hillingdon and Richmond are their specialties. Mr. Montgomery's new seedling, Mme. Charles Russell, is a wonder and should be a star feature of the rose meeting in Detroit in January.

Thomas Roland is cutting bunches of the pretty yellow chrysanthemum, Golden Thread. This is an excellent late sort for sprays and makes a light and graceful centerpiece. It also makes an excellent pot plant.

R. & J. Farquhar & Co. have at their store a fine assortment of azaleas, Lorraines, cyclamens and other holiday plants. They are practically sold out of bulbs, only a few tulips being left over.

The W. W. Edgar Co. had an excellent Thanksgiving trade in azaleas, Lorraines and other flowering plants, and have the houses full of high grade Christmas plants.

S. J. Goddard is still cutting excellent yellow and white Jerome Jones and Nonin chrysanthemums.

A Leuthy & Co. have an unusually fine stock of Christmas plants, including azaleas, Lorraines, ardisias, cyclamens, gardenias and primulas in addition to their line of palms, ferns and other foliage plants.

December 19 is the date of the next club meeting, when officers are to be elected. There will be short practical talks while ballots are being counted. Many exhibits are promised.

The Arlington Gardens, of Arlington, Mass., and S. J. Reuter are shippers of extra grade valley to the Boston Flower Exchange.

James Wheeler, of Natick, is having wonderful success with his antirrhinums and is selling rooted cuttings as fast as he can propagate them. His carnations are among the finest coming to the Boston Coöperative Market.

Wm. H. Elliott can grow Rose Rhea Reid as few other growers can and he had a superb cut of them for Thanksgiving. Mrs. Aaron Ward is now in grand shape with him. He still finds a call for the old favorites, Bon Silene and Safrano.

Mann Bros. will have Golden Spur narcissi in flower in a few days. They have an abundance of French bulbous flowers, Lilium speciosum and longiflorum, late mums and stevia now.

W. N. Craig.

SCRANTON, PA.

Greeting a Florist-Mayor.

B. E. Cokely, senior member of the Scranton Florists' Supply Co., called on me the other day, and accompanying him was Frank Baker, a well known florist of Utica, N. Y. Mr. Baker was returning from a trip to New York city and stopped off to pay the Scranton people a visit. He and Mr. Cokely are close friends, having known each other for many years, on account of Mr. Cokely's frequent visits to Utica while traveling throughout the country. We were delighted to shake the hand of a fellow florist who has not only made good in the trade, but has made good in politics as well. It is a signal honor to be elected mayor of one's city, as Mr. Baker has been, after having doled out flowers for a number of years to its inhabitants. His political success proves that the flowers he handled must have been of excellent quality, and his manner of doing business must have been such as to command the respect of the people, since they saw fit to nominate and elect him to the highest office in the city government. We understand that Mr. Baker has held other offices in his city, taking a step higher each succeeding time.

A Trip to Moosic.

My two visitors asked me to take a trip with them down to Moosic, a little town six miles below Scranton, to visit William MacDonald, the florist of that town. The journey was made by railroad and occupied only about ten minutes. We found Mr. MacDonald in work right up to his neck, as he had begun in September the building of an office and designing room, and also a large cellar for the hardening of cut flowers. He has the reputation of sending out some of the best carnations and chrysanthemums in this section of the state. We also found in process of construction a house connecting the entire range with the new office. A new greenhouse, about 30x70, was nearing completion. Mr. MacDonald's men were just then in the agony of putting in the glass, which means cold fingers.

Mr. MacDonald has a fine place, and after the new buildings are finished his plant will be quite complete in its equipment. His four King Construction houses are each 30x120, and completely filled with carnations. It looks as though he could cut thousands of carnations from now until Christmas. His stock has that hardiness and thrift which bespeak the greatest success. We found also about 40,000 geraniums in 2½-inch pots, and the plants gave great promise for spring trade. In the other houses were cyclamens, azaleas and poinsettias for Christmas trade, and they were in a decidedly thrifty condition. Mr. MacDonald is one of the quiet sort of men, apparently never in a flurry or bustle, though his work moves steadily along and everything he touches seems to respond perfectly to his direction. In order to make his heating plant more complete and have a reserve in case of emergency, he is just now putting in an eighty horse-power return tubular boiler, which will give sufficient heat in a time of accident or in the most severe storm.

After spending a pleasant afternoon with Mr. MacDonald, we took the train back to Scranton, where an automobile was in waiting to take Mr. and Mrs. Baker to Mr. Cokely's home, to participate in a grouse dinner. Mr. Cokely had been on a hunting trip in Wayne county the day before, and either through accident or good marksmanship was enabled to bring home grouse enough for a fine spread. Mr. Baker called on our mayor and a number of our craft, and all wished him success in his new office.

G. R. Clark.

WASHINGTON.

The Market.

Business has improved considerably. Some few still complain, but generally optimism prevails. The return of Congress accounts in part for the improvement, although resolutions adopted by the house and senate a year or two ago prohibiting the display of flowers on the floors of the legislative halls on the opening day of the session does away with the continuous procession of florists' delivery wagons that formerly marched on the capitol.

Thanksgiving business was good and since that holiday things have been even better. Roses are of fine quality and plentiful, but moving as fast as received. Mums were at their best last week, but they are holding out well and the prospect is that they will be on the market for two or three weeks more. Dealers will try to clean them out before Christmas, however, as roses and other flowers have the call at the Yuletide.

Various Notes.

Poinsettias have appeared and are good. Small & Freeman are showing some fine ones and George C. Schaeffer, too, has good specimens.

Washington florists are interested in an apparently authoritative report from the Agricultural Department that a rule has been made that the department shall no longer distribute cut flowers and plants free. The department has made a practice of such distribution for twenty years, more or less, and the practice has worked harm to the local florists. The latter have protested to government officials in vain. Frequently the florists have been forced to cancel orders received for flowers and plants from members of families in official and society life for the reason, as given, that the florists' patrons have later obtained free flowers from the government. This sort of competition has made Washington florists sore, but they have heretofore accomplished nothing to prevent it. The announcement of the department's reported change of

policy is received with skepticism by many florists, who predict that the new policy will not be strictly pursued and that certain people on certain occasions will always be able to obtain all the plants and flowers they need for nothing from Uncle Sam, through congressional and official influence.

A number of decoration orders have been received by local men. Small is excuting one or two. The Washington Florists Co. has been busy on coming-out teas and other social functions. At the Hobson wedding, W. Marche spread himself and had to borrow a lot of palms for the affair.

The Washington Bulb Co., of the suburb of Congress Heights, is sending out some of the finest Jeanne Nonin mums seen this year. Many of them are specimen blooms. The Washington Florists' Exchange is handling a lot of them. Paper White narcissi are another product of the Washington Bulb Co., 10,000 having been sold recently.

W. R. Gray, of Oakton, Va., has issued a new and attractive catalogue of his specialty "Fairfax roses."

J. Louis Loose, of the Washington Florists Co., has returned from an extensive trip through the northern cities. He reports prices high and stock scarce generally, and predicts a shortage of Beauties at Christmas.

Z. D. Blackistone is absent from the city on a short pleasure trip. At Mr. Blackistone's store it is said that their combination Thanksgiving baskets of fruit and flowers sold quite well.

H. C. H.

DENVER, COLO.

The Market.

Thanksgiving business was good, everything considered. Stock was scarce anl shipping orders were of necessity cut almost in two. City trade would probably have been better had there been more stock available, but taken as a whole it was excellent. Prices were advanced only a little, carnations and Beauties being the only flowers that showed an increase. Carnations are still holding back their blooms and the daily cut in some instances amounts to only one-third of what it did at this time last year. This is discouraging and makes the growers feel badly when their returns are compared with last year.

Chrysanthemums are gone, Thanksgiving having cleaned up everything. It is somewhat of a relief to see the last of these, as they require more work for the money than anything else.

Beauties are off crop, with prospects for a good cut at Christmas. The short-stemmed stock is poor and is sold at a low figure. Tea roses are about equal to the demand, except once in a while, when there is a large funeral or wedding.

There is plenty of lily of the valley ready, but there is no special demand. Violets, too, are slow sale, although the quality is improving. Some of the California violets are arriving in excellent condition, and are entering into competition strongly with the home product.

The cold weather that prevailed last week caused some of the cut fern shipments to freeze, and for a few days there was a shortage of green in that line. Smilax is about cut out and shipments are being sent in from outside points.

Various Notes.

A flower show for the fall of 1912 is now assured. All of the required amount has been subscribed and the committee is working hard to make the show a grand success. The Auditorium has been secured for the week of November 11 to 16. This will give a floor space of about 15,000 square feet. The committee appointed at the first meeting, consisting of J. A. Valentine, N. A. Benson and A. H. Bush, has been made a permanent one, with power to select as many other committees as are necessary.

The announcement of the marriage, October 26, of Thurston H. U. Smith and Miss Eva May Thompson came as a complete surprise to Mr. Smith's many friends in the trade. Congratulations and best wishes are extended to them.

Harry J. Berry, having found his Fifteenth street location undesirable, has moved around the corner to the Orpheum Theater block, where he has a larger and better store. His address is 1519 to 1521 Welton street.

Emil Glauber has a fine lot of W. K. Harris ferns that he is placing on the market.

The Gross Floral Co. has moved from 131 Broadway to 136 Sixteenth street. This company has worked up a nice business on the south side, but no doubt most of it will follow it to its new location in the downtown business district.

Immediately after the removal of the Gross Floral Co., F. X. Goeschl concluded that the vicinity of Broadway and First avenue could not long be left without a flower store, so he rented a place at 245 Broadway and opened Wednesday, November 29.

Lena, the 6-year-old child of Milton Freeman, an employee of C. F. Maler, was killed last week by falling from a moving street car. Mrs. Freeman had put the child on the car, but before she could get on the car started, leaving her standing on the street. The little girl became frightened and jumped off the car.

Fred Hall is exhibiting some fine specimen plants of Adiantum Croweanum in 8-inch pots.

Mr. and Mrs. Geo. H. Cooper entertained The Coterie at dinner Wednesday evening, November 22, at their home, 649 Marion street. The table was beautifully decorated with oak foliage, yellow chrysanthemums, large clusters of Tokay grapes, and Farleyense fern. Those present, besides the host and hostess, were Mr. and Mrs. J. A. Valentine, Mr. and Mrs. E. P. Neiman, the Misses Gertrude Page, Lena Webb, Avery Edwards, Lenore Williams and Margaret Jennings, Messrs. B. E. Gillis, Chas. McCord and Hugo Neff.

S. R. Lundy, representing the A. L. Randall Co., Chicago, was called to this city last week on account of the serious illness of his son. The boy's condition was improved, however, on the arrival of his father.

Visitors: John Berry, Ed Johnson, Colorado Springs; N. E. De Golier, Loveland; C. A. Espelin and T. J. Warren, Fort Collins.

M. R. J.

Hartford, Mich.—L. E. Davis, who recently opened for business here, reports a good trade, although his buildings are not yet completed.

OBITUARY.

William H. Murdock.

William H. Murdock, for many years a florist in Cambridge, Mass., died November 26, at the Cambridge Relief Hospital, where he had been since the preceding Tuesday. On that day he collapsed while at work in his garden, suffering from a slight shock. He was born in Cambridge in 1837 and retired from business about ten years ago. He served in the common council in 1888 and 1889. He was also prominent in the First Universalist church in Cambridge. He leaves a son, Harris H. Murdock, of New York, and two daughters, Miss Florence Murdock, a student at Mount Holyoke College, and Miss Dorothy Murdock, of Cambridge. Mr. Murdock's home was at 165 Putnam avenue.

B. Eldredge.

In the death of Bernard Eldredge, at the Great Northern hotel, Chicago, November 28, the trade loses one of its unique characters. He was president of the National Sewing Machine Co. and made his home at Belvidere, Ill., dividing his interests between that town and Chicago. Some years ago, as an amateur, he produced so much stock in his greenhouses at Belvidere that he began the sale of his surplus, from which start he built up a considerable range of commercial houses, consigning his output to Chicago commission men. He took no part in trade affairs, but was a frequent visitor to the Chicago wholesale center. He was a man of outspoken character and at various times had shipped his stock to pretty nearly every house in the market. Death was caused by heart disease. Interment was at Belvidere, December 1.

SHAWNEE, OKLA.

The Brenner Floral Co., of this city, has been declared bankrupt and the court has set the date for the disposal of the stock and fixtures to be sold and a receiver appointed December 14. The Franke Floral Co. has the property leased and will dispose of its interest with the Brenner stock.

Anderson, Ind.—Stuart & Haugh recently held their twentieth annual flower show, which was even a greater success than any of its predecessors. Since last season the firm has remodeled the greenhouses and installed two large new boilers.

Greenville, Ill.—D. H. Zbinden has purchased the greenhouse and everything belonging to Emile Corboz on the Fanny Martin place. Now, instead of one house 14 x 50, he has four houses. Thanksgiving trade was much better than last year.

Harrisburg, Pa.—Harry Miller, the Bella Vista florist who was burned out about a year ago and who has since rebuilt his greenhouses on the mountain near Marysville, was at the Verbeke market November 29 with his first lot of chrysanthemums.

Crawfordsville, Ind.—McDonald & Steel, now at 119 West Main street, have a much larger store and also a better location. Thanksgiving trade was better than last year. A. S. Pett has just completed a new store building, with two greenhouses connected.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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SOCIETY OF AMERICAN FLORISTS.

Incorporated by Act of Congress, March 4, 1901.
Officers for 1911: President, George Asmus, Chicago; vice-president, R. Vincent, Jr., White Marsh, Md.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, W. F. Kasting, Buffalo, N. Y.
Officers for 1912: President, R. Vincent, Jr., White Marsh, Md.; vice-president, August Poehlmann, Morton Grove, Ill.; secretary, John Young, Bedford Hills, N. Y.; treasurer, W. F. Kasting, Buffalo, N. Y.
Annual convention, Chicago, Ill., August 20 to 23, 1912.

Results bring advertising.
The Review brings results.

THE country over the Thanksgiving turkey appears to have called for unusually large numbers of flowers.

WHILE some of the big cities may have, for the present, about all the cut flowers they need as a regular thing, it is not by any means true of the country at large. The use of flowers is increasing faster than ever.

IF all the growers succeed in their efforts to get a full crop of roses for Christmas, will there be the usual glutted market in the early days of the new year and a great scarcity in late January and February?

LYCOPODIUM, except in wreathing, certainly is scarce, but the demand has been considerably reduced by the high prices of the last two years and general recognition of the fact that green is not likely ever again to sell at old time low prices.

IT is worth while bearing in mind that in practically all the big wholesale cut flower centers, the great bulk of the carnations are this season either white or light pink. Dark pink and red are to be had in only a small fraction of the quantities of the light colors.

IF J. K., who dates his letter Newark, N. J., November 27, and N. Y. R., who dated his letter at New York, but posted it at Philadelphia, November 28, will send their full names and addresses, the inquiries will be answered promptly. Anonymous inquiries cannot receive attention. Full names never are published in replying to those who seek information, but must accompany the inquiry in every case.

BUSY TIME COMING.

The man who looks ahead and prepares for the future is the one who is ready for the rush when it comes:

We enclose our check for $2 for our subscription to The Review from January 1, 1912, to January 1, 1914. We are paying it now so that we will not forget it in the rush at the new year.—Poole & Purliant, Winchester, Ky., November 27, 1911.

DENVER TO HAVE SHOW IN 1912.

Denver is to have a flower show November 11 to 16, 1912, under the auspices of the Colorado Florists' Club.

A guarantee fund of $5,000 has already been subscribed by the florists alone.

I am sending you this communication so that all the growers of the country may know that the premium list will include a special open class for the largest chrysanthemum plant in the show, without restriction as to variety, and in this class the first prize will be $100; second, $75; third, $50.

So far as I know, these are the most liberal premiums of the sort ever offered in this country, and they ought to bring out a lot of entries from all over the country.

J. A. Valentine, Chairman.

THE use of boxwood for Christmas this year will be much more general than in any previous season. Boxwood and ruscus are two of the articles all the stores are ordering.

NOT a few subscribers save themselves the bother of annual renewal by sending The Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

HOW ABOUT YOUR SURPLUS?

There is hardly anything in the way of surplus stock that will not find a ready buyer if offered in the Classified department of The Review.

You may discontinue our advertisement of chrysanthemum stock plants, as we are sold out. We want to thank you for the prompt returns for our surplus stock.—Scharff Bros., Van Wert, O., December 1, 1911.

DOUBLE PAGE SPREADS.

Four double page spreads in last week's Review, four in this. Those who prefer the center position should make their reservations in advance. About half the issues for the next year still are open to those who speak early.

CHICAGO.

The Great Central Market.

Following the Thanksgiving holiday it was necessary for most of the wholesalers to do more or less cleaning up at sacrifice prices; those who did not have this work to do were the ones who had seen the early signs of what was going to happen in the carnation market and who had put the knife in prices before the holiday demand had entirely subsided. No great quantities of stock were left on hand except carnations, practically everyone being stuck on white, with many also overloaded on Enchantress. It was the old story of not being able to get enough stock for the demand two or three days in advance of the holiday and being engulfed after the shipping orders were out.

After the accumulated carnations had been cleaned up at low prices the market stiffened and the close of the week found things back at about the same point at which the week opened. The present week began with only moderate supplies and a fairly well maintained market. Bright weather is doing much for the crops, but the effect does not yet show in increased receipts. Carnations, while fairly plentiful, are bringing normal December values, and roses are not in excess of the demand. Some new crops coming on have increased the available quantity of short stems, but not enough to lower the price. A large part of the stock now being cut is the extra long grade and of exceptionally fine quality. Killarney, of course, holds the first place, but White Killarney also is selling well, the longer stems especially so in comparison with what they were doing last season. The season of demand for Richmond has arrived. Maryland is less plentiful and the novelties cut little figure, as the supply is not large enough to permit taking care of more than a few customers. Mrs. Ward is especially in demand.

Chrysanthemums have practically ended, though a few stragglers doubtless will be seen all through the month. The pompons have gone, all except the

SPLENDID STOCK FOR
Christmas

The Largest and Most Complete Supply in this Market

Killarneys, Beauties, Carnations, Violets, Orchids—these are our leaders. We have splendid crops coming just right for the holiday—far the largest supply we ever have had and quality that never was equaled for Christmas. Let your orders come. Business will be big with YOU if you use our stock. Order enough.

KILLARNEYS

Length for length of stem, our Killarneys carry the **largest** flowers we ever have seen on these roses. It is not alone on Killarney and White Killarney that we are strong; we can supply Richmond of excellent quality and in quantity.

BEAUTIES

WERE NEVER FINER THAN OURS

We never have seen a finer crop of Beauties than we now have—splendid color, large, perfect buds, fine foliage and all lengths of stem, but specially strong on long to medium. When you have tried these Beauties you will agree with us that **nothing finer could be asked.** We shall be in full crop through December. Write us today about your Christmas supply.

CARNATIONS

Buyers will find it to their advantage to order Carnations of us. Our stock is widely known as always the most uniformly high quality large lot in this market. Try a shipment from us now and we feel confident you will say you want our stock for Christmas and all the time.

DOUBLE VIOLETS SINGLE

We handle the cream of the crops of the Hudson river doubles, and they are **fine.** Also fragrant, home-grown singles that are the best the market affords.

We always have the Novelties, such as fancy Cattleyas and other Orchids, Bouvardia, Sweet Peas, Daisies, aud every other flower that's in season.

A Large Cut of Fine Smilax Now on.

Fancy Valley and Easter Lilies
always on hand; can supply in quantity every day in the year.

Current Price List

ORCHIDS	Per doz.
Cattleyas	$9.00 @ $12.00
Percivaliana	7.50 @ 9.00
Cypripediums	2.00 @ 3.00
Dendrobiums	6.00 @ 7.50

AMERICAN BEAUTY	Per doz.
Extra long stems	$6.00
Stems 36 inches	5.00
Stems 30 inches	4.00
Stems 24 inches	3.00
Stems 20 inches	2.50
Stems 16 inches	2.00
Stems 12 inches	1.50
Short.....per 100, $8.00@$10.00	

ROSES	Per 100
White Killarney, special	$10.00 @ $12.00
" " select	6.00 @ 8.00
" " seconds	4.00 @ 5.00
Killarney, special	10.00 @ 12.00
" select	6.00 @ 8.00
" seconds	4.00 @ 5.00
Richmond, special	12.00 @ 15.00
" select	8.00 @ 10.00
" seconds	4.00 @ 6.00

Extra special roses billed according to value.

CARNATIONS	Per 100
Fancy	$4.00
Common	3.00
Fancy red	5.00

MISCELLANEOUS	Per 100
Violets, double	$1.00 @ $ 1.25
" single	1.00 @ 1 25
Easter Lilies, per doz.. $1.50	12.50
Mums..... " $1.00@ 3.00	
" Pompons, bunch, .50@ .75	
Valley, select	3.00
" special	4.00
" extra special	5.00
Sweet Peas	1.00 @ 1.50
Paper Whites	3.00
Romans	4.00
Daisies	1.00 @ 1.50
Stevia	1.50
Mignonette	6.00 @ 8.00
Bouvardia	4.00 @ 8.00

DECORATIVE	
Asparagus Plumosus..per string,	.50 @ .75
Asparagus Plumosus..per bunch,	.35 @ .50
Asparagus Sprengeri.. "	.25 @ .50
Adiantum, fancy, long ...per 100,	1.00 @ 1.25
Smilax .....per doz., $1.50	12.00
Mexican Ivy .....per 1000, 6.00	.75
Ferns..... " 2.00	.25
Galax..... " 1.50	.15
Leucothoe	.75

Subject to market changes.

Store open from 7 a. m. to 6 p. m. Sundays and holidays closed at noon.

E. C. AMLING CO.

The Largest and Best Equipped Wholesale Cut Flower House in Chicago

68-70 E. Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central.

Studebaker

DELIVERY WAGONS

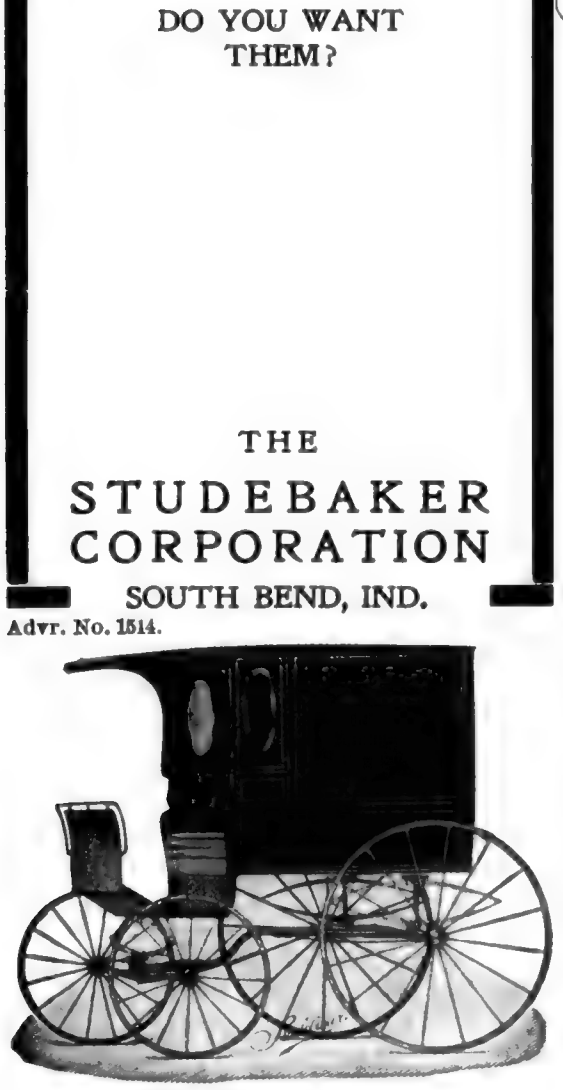
Are Made in Many Styles Particularly Adapted to Your Business.

Our catalogues and prices will interest you and help you make your selection.

DO YOU WANT THEM?

THE STUDEBAKER CORPORATION
SOUTH BEND, IND.

Advr. No. 1514.



Mention The Review when you write.

DESIGN LETTERS

Seals and Lodge Emblems

Gold, Silver and Felt Letters, also Patent Black Letters and Figures for Funeral Design Work.

Write for free sample to

IDEAL MONOGRAM CO.
812 Temple Court Bldg. CHICAGO, ILL.

Mention The Review when you write.

Illinois Self-Watering Flower Boxes

are gaining popularity every day. Send for our booklet and learn about a proposition that every live florist should understand.

American Metal Box Co.
2005 Michigan Ave., - CHICAGO
Conard & Jones Co., West Grove, Pa.
Agents for New York, New Jersey and Penn.

Mrs. Beu, of which considerable quantities were still on hand at the opening of the week. Violets are making little stir. There are those who say the quantity reaching Chicago is greater than a year ago, but others do not agree. It is the general report, however, that the buyers are less anxious to secure violets, stating that the retail demand is not what it was. Cattleyas are scarce, the bulk of the stock being Percivaliana. Some good Trianæ are coming in and already are making Christmas prices. The miscellaneous orchids are equal to the demand. Sweet peas are seen in larger quantities and most of them are of quite fair quality, but not selling any too well. Valley continues in normal supply and demand. Eastern shipments prevent lilies from going above moderate prices. Paper Whites have come in so strongly that it may be said the annual glut has begun. Romans are in much the same condition. A few tulips have arrived. Bouvardia, if good, sells well.

A large business is being done in boxwood, but other greens are quiet.

November Business.

The general report is that the November business compares favorably with last year, the increase being at least as great as the year's increase in glass. Early in the month there was an excellent market, mums doing better than usual; the glut of these in the middle of the month was less prolonged than last year. The Thanksgiving business compared well with previous records. Carnations did not average so good prices as last year, but the quantity of stock handled, on the whole, in spite of the lateness of the date, was considerably greater than ever before. There were plenty of mums for everyone, in spite of the holiday coming the last day of the month.

November Weather.

November was much colder than usual and the sunshine much below the average. Not in twenty years has the mean temperature been so low as 35 degrees. The minimum was 12 degrees, and it followed the maximum, 74 degrees, by only a little more than twenty-four hours. The average number of hours of sun per day was only four, or only forty-one per cent of the possible. It is especially noteworthy that there was the least sun at the middle of the month, when buds should have been setting for Christmas crops. In the fifteen days of November 9 to 23, inclusive, there were only 38.9 hours of sun.

Various Notes.

About January 1 the Foley Mfg. Co. will discontinue the sash and door branch of the business and devote all its energies to the production of greenhouse building material. A New York branch office will also be opened at the same time, in charge of a man who has been identified for many years with the greenhouse building trade. It is interesting to note that originally the sash and door business was the mainstay of the Foley establishment, but greenhouse building has increased so rapidly in the last few years that the original line has been superseded by the former side line.

E. C. Amling Co., which is making a specialty of orchids, has just installed

WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS
SHIPMENTS EVERYWHERE — CUT FLOWERS — IMMEDIATE DELIVERIES
154 NO. WABASH AVE CHICAGO
PHONE CENTRAL 879

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per Doz.
Extra long stems	$6.00
30-inch stems	4.50
24-inch stems	3.50
18-inch stems	2.50
15-inch stems	2.00
Short	1.25

ROSES

	Per 100
Killarney—	
Specials	$8.00 @ $10.00
Firsts	6.00 @ 8.00
Seconds	4.00 @ 5.00
White Killarney—	
Specials	8.00 @ 10.00
Firsts	6.00 @ 8.00
Seconds	4.00 @ 5.00
Richmond—	
Specials	8.00 @ 10.00
Firsts	6.00 @ 8.00
Seconds	4.00 @ 5.00
Antoine Rivoire (Mrs. Taft)—	
Specials	$12.00 @ $15.00
Firsts	10.00 @ 12.00
Seconds	6.00 @ 8.00
Melody—	
Specials	10.00 @ 12.00
Firsts	8.00 @ 10.00
Seconds	5.00 @ 6.00
My Maryland—	
Specials	8.00 @ 10.00
Firsts	6.00 @ 8.00
Seconds	4.00 @ 5.00

ROSES, Short, our selection, $4 per 100

MISCELLANEOUS

	Per Doz.
Carnations—	
Specials	$4.00
Firsts	3.00
Gardenias	$4.00 @ $6.00
Orchids—	
Cattleyas	7.50 @ 9.00
	Per 100
Easter Lilies	$12.50 @ $15.00
Valley	3.00 @ 5.00
Violets, Double	1.00 @ 1.50
Single	1.00 @ 1.25
Daisies—	
W. and Y	1.50
Sweet Peas	1.00 @ 1.50
Mignonette	4.00 @ 6.00
Stevia	2.00
Poinsettias—	Per Doz.
Fancy	$3.00 @ $4.00
Mums	1.50 @ 3.50
Pompons, Ibch.,	.50 @ .75

DECORATIVE

Smilax—
Strings, 100, $12.00; doz., $1.50
Sprengeri, large bunch, ea., 40c
Asparagus, large bunch, ea., 40c
Large string....ea., 50c @ 60c
Mexican Ivy, 1000, $6.00; 100, 75c
Adiantum, fine, 100, $0.75 @ $1.25
Galax 1000, $1.50; 100, 20c
Ferns.....1000, 2.00; 100, 25c

Quotations subject to change without notice.
Store open from 7 a. m. to 6 p. m. Sundays and holidays closed at noon.

Weiland & Risch
154 N. Wabash Avenue
CHICAGO

Plants Sell Better



when the ugly clay pots are hidden by the attractive and artistic

EVER-READY POT COVERS

Strong cardboard foundation. Best quality waterproof crepe paper, silk fiber ribbon ties at top and bottom. Firmly held with improved metal fastenings. Furnished in four colors and many sizes. Write for samples and price list today.

EVER-READY FLOWER POT COVER CO.
146 Hughes Ave., Buffalo, N. Y.

Mention The Review when you write

Superior Crimped Invisible Carnation Staple

For repairing split carnations. 1000 for 50 cents. Postpaid. Sample free. Special prices to jobbers.

WM. SCHLATTER & SON 422 Main St. Springfield, Mass.

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WIRED TOOTHPICKS

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000.....**$1.75** 50,000.....**$7.50**

Sample Free. **For sale by dealers.**

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SPLIT CARNATIONS

Quickly, easily and cheaply mended. No tools required.

Pillsbury Carnation Staple
Patented 1908.
2000 for $1.00 postpaid.

I. L. PILLSBURY
GALESBURG, ILL.

Mention The Review when you write.

Florists' Refrigerators

Write us for catalogue and prices, stating size you require and for what **kind of cut flowers** you wish to use the refrigerator; also state whether you want it for **display** or only for **storage.**

McCray Refrigerator Co 368 Lake St. Kendallville, Ind.

Mention The Review when you write.

WESTERN

Chas. W. McKellar ORCHIDS 162 N. Wabash Avenue, CHICAGO

Headquarters

CURRENT PRICES

ORCHIDS			
Cattleyas, pinkish lavender	Per doz.,	$6.00 @	$ 9.00
Cypripediums	"		2.00
Vandas, pale lavender	"		3.00
Dendrobium Formosum, white	"	5.00 @	6.00
Dendrobium Phalaenopsis, pink sprays	per 100,		15.00
Oncidium, yellow	"		5.00
Boxes assorted Orchids, $5.00 and up.			
AMERICAN BEAUTY—Specials	Per doz.,		6.00
36-inch	"		5.00
30-inch	"		4.00
24-inch	"		3.00
20-inch	"		2.50
15 to 18-inch	"		2.00
Shorter	"	1.00 @	1.50
Killarney	Per 100,	4.00 @	8.00
White Killarney	"	4.00 @	8.00
My Maryland	"	4.00 @	8.00
Richmond	"	4.00 @	8.00
Mrs. Field	"	4.00 @	8.00
ROSES, our selection	"		4.00
" extra special, select	"	10.00 @	12.00
CARNATIONS			
Select	Per 100,	2.00 @	3.00
Fancy	"		4.00
MISCELLANEOUS STOCK			
Gardenias	Per doz.,	4.00 @	6.00
Valley	Per 100,	3.00 @	4.00
Easter Lilies	"	10.00 @	12.50
Chrysanthemums	Per doz.,	1.50 @	3.00
" Pompons	Per bunch,	.50 @	1.00
Violets, double			1.00
" single		.75 @	1.00
Sweet Peas		.75 @	1.50
Paper Whites		2.00 @	3.00
Romans		2.00 @	3.00
Stevia			1.50
Mignonette		6.00 @	8.00
Bouvardia		6.00 @	8.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 @	.60
Asparagus Plumosus	Per bunch,	.35 @	.50
Asparagus Sprengeri	"	.25 @	.50
Adiantum	Per 100,	.75 @	1.00
Farleyense	"	10.00 @	12.00
Smilax	Per doz., $1.50		
Mexican Ivy	Per 1000, 6.00	"	.75
Ferns	" 2.00	"	.25
Galax, green	Per 1000,		1.25
" bronze	"		1.50
Leucothoe	Per 100,		.75
Wild Smilax	Per case,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Subject to market changes

ORCHIDS—SPECIAL

We have an unusually large and fine supply of that splendid white orchid, Dendrobium Formosum. Also a large crop of Cypripediums.

CHAS. W. McKELLAR
162 N. Wabash Avenue, CHICAGO

Mention The Review when you write.

VIOLETS

Single and Double. We are headquarters, as usual.
Let your orders come.

Growers, attention! Why not sell your own stock? We have the finest location in the Chicago market and space enough to accommodate several growers selling their own stock.

PERCY JONES

56 East Randolph Street, CHICAGO

Mention The Review when you write.

a handsome plate glass show case for these, built by Orr & Lockett. John Michelsen reports the sale of cattleyas at as much as $1 each this week.

H. C. Blewitt, at Des Plaines, is busy replanting his houses with sweet peas, following the chrysanthemums.

C. L. Washburn says buyers in the country do not understand that the Mrs. Ward rose has so taken the popular fancy that its price is fifty per cent higher than the price of the same length of Killarney.

The store of Zech & Mann is headquarters for bowling news, father and son being leaders of the bowling contingent. The bowlers had field nights December 1 and December 3, scores appearing in the bowling department on another page of this issue.

W. J. Smyth reports a heavy run of funeral work for the last several weeks.

Miss Martha C. Gunterberg was at Belvidere, Ill., December 1, to attend the funeral of B. Eldredge, who was one of her consignors. He was the great man of the town and Miss Gunterberg says stores and factories closed during the funeral. Mr. Eldredge had two ranges of greenhouses and was planning another.

The George Wittbold Co. sent the first tulips of the season to the Chicago Flower Growers' Association December 4.

E. H. Hunt has arranged to supply customers with an attractive monthly calendar during the next year, the first one going out with this month's mail.

Poehlmann Bros. Co. hopes to be able to occupy its new quarters before the Christmas rush.

C. W. McKellar says the crops of Cattleya Trianæ are coming on and that the orchid scarcity will not last long.

SUPPLY SPECIALTIES You need for

Christmas

In spite of a business that has broken all records, we still have a complete stock and can make immediate shipments on anything you need. Write or wire.

Japanese Novelty Baskets

This is a shipment that was due in September. They are just opening up this week, so late we must make **you** a bargain to move them. It is a popular priced line, but the finest we ever have seen. A variety of shapes. **To clear we offer for $7.50 an assortment intended to sell for $10.00** Returnable if they don't suit **you.**

Prepared Foliage

Oak Branches, brown and green only, per lb., 50c.

Beech Sprays, brown, short sprays, fine for wreaths —when the retail florists get on to this it will be a big seller, per lb., 35c.

Adiantum, fine, comes in assorted sizes and all colors. Send for **an assortment for $5.00.** Once used, you'll not be without it.

Magnolia Leaves, indispensable, brown, per hamper, $2.25; green, per hamper, $2.50.

Velvet Poinsettias

Extra large	$2.00 doz; $18.00 gross
Medium	1.75 doz; 16.50 gross

Red Friz in Balls

This is fine for the decorators. 50 yards in a ball. By buying in quantity we got so cheap a price we can offer you at **60c per ball; 6 balls for $3.25; 12 balls for $6.00.**

Velvet Crepe Paper

Without doubt the richest looking crepe paper now being offered; 4 ply, all colors; two toned. Per roll, 25c; 12 rolls, $2.50; 100 rolls, $20.00.

Porto Rican Mats

Latest patterns. Choice selection of colors. Can be had in white, light and dark pink, Nile green, red, yellow, purple and lavender.

	Each	Doz.	100
Fine weave mat	$0.25	$2 00	$13.00
Coarse weave mat	.25	2 50	15.00
Wide weave mat	.30	3.00	22.00
Heavy chiffon mat	**.35**	**3.50**	**27.50**

Christmas Bells, Baskets, Red Ribbons, Baskets in Endless Assortment, a Full Line of Boxes.

Our specialty is filling mail orders. Consult our latest catalogue, or simply write us a description of what you want. We **guarantee** satisfaction.

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **66 E. Randolph Street, Chicago**

Mention The Review when you write.

E. E. Pieser, of Kennicott Bros. Co., who has held a considerable interest in the Booth company, sold out December 2 at a nice profit.

Kyle & Foerster say White Bonnaffon will be available for some time yet.

Winterson's Seed Store says wholesale business in Christmas greens is good and a big retail demand is expected the week before the holiday.

John Kruchten says the mums were cut off short at Thanksgiving.

O. Johnson declares without hesitation that the Batavia Greenhouse Co. will get its Beauty crop in for Christmas.

A. L. Randall Co. is adding steadily to the factory end of the supply department, many articles now being made or dyed in the building.

Peter Reinberg has large quantities of carnation cuttings in the sand.

Wietor Bros. report Thanksgiving the most satisfactory in their experience.

Vaughan & Sperry say that the red berries situation is the opposite of last year. Then they were so scarce that shipments from California were ordered sent by express. This year the Michigan stock is abundant and good.

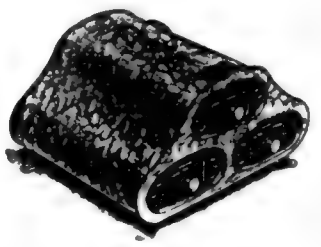
For the first time in years the Chicago Carnation Co. is disseminating no novelty this season; but it is expected that the sales on Washington will exceed the introductory sales of last year.

Club meeting tonight, December 7, with nomination of officers in order and a long list of applications for membership to be voted in.

Curtis Kindler, one of the members of the Raedlein Basket Co., leaves Chicago December 9 for Europe, where he will select the Easter stock to be made up and shipped by the company's factories at Ebersdorf and Weidhausen, Germany. Mr. Kindler will probably return about February 1.

INSURANCE OF YOUR PLANTS FROM FREEZING in cold weather may be obtained at trifling cost if you will use a

Lehman Wagon Heater



There is no danger of fire; no smoke, dirt or gases to injure the plants. They burn **Lehman Coal,** which costs less than half a cent per hour. **400,000 Lehman Heaters** are in use, which clearly shows they have merit. Florists everywhere use and recommend them **Have you one? Beware of imitations!** Write for circular telling more about them.

LEHMAN BROS., Manufacturers, **10 Bond St., NEW YORK**

J. W. ERRINGER, General Western Sales Agent, **20 E. Randolph St., CHICAGO, ILL.**

Mention The Review when you write.

Visitors: B. M. Wichers, Gretna, La.; Allison Currie, Milwaukee; J. Meikeljohn, representing H. F. Darrow, New York; A. Goldenburg, New York.

PROVIDENCE.

The Market.

Thanksgiving week exceeded all expectations in this city. Before noon on that day there was not a flower, good, bad or indifferent, to be had at any price in this city. It was a perfect clean-up and every dealer was happy.

Fancy Lilies

Now that the Mums are practically done you will want our Fancy Easter Lilies. We have arranged to supply these in very large quantity and **the cut is ready.** Can furnish in thousand lots. Stock cut to suit all buyers, some open, some half open and some tight. We are Lily headquarters—don't forget it! Callas also are ready.

FANCY STEVIA IN QUANTITY

Can supply the very best long Stevia in quantity—Can take care of every order. Are essential for boxes of cut flowers, and for work. You need a daily supply. Let us furnish it. $1.50 per 100.

CARNATIONS THAT CARRY

There won't be any doubt of your stock giving satisfaction if you order your Carnations of us. We have built up a very large shipping business on these simply because **our stock carries.** Try some.

ROSES

Our best and largest growers are on with crops of splendid Killarneys. This is stock that can't be beaten for length of bud, richness of color, or stem. Also good crops of fine Richmond.

VIOLETS

Let us add a few Violets, double or single, to your order. When you see the quality of the stock as it reaches you, you will want them regularly. Now booking orders for Christmas. Shall have a large supply.

RED BERRIES FOR CHRISTMAS

We have arranged for a large supply of Red Berries for Christmas. It is first-class stock and we are now booking orders at $1.50 to $3.00 per case, according to size of case. Will send 10 cases, assorted sizes, for $15.00. **Don't let this pass.**

Boxwood, per case, $7.50. **Wild Smilax, per case, $5.00.**

Holly, fancy Delaware, per case, $5.00; special prices on quantities.

Bouquet Green and Wreathing

Write or wire for prices when ready to buy. The market fluctuates daily.

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **66 E. Randolph Street, Chicago**

Mention The Review when you write.

The holiday, with numerous coming-out parties, weddings, family gatherings and other social affairs, caused a marked stimulus to business. Mums held out well to the last, but only a few scattering ones will now be offered until the Christmas holidays. Two unusually elaborate coming-out parties, one of which called for several hundred Beauty roses, had a decided effect upon the conditions.

Prices stiffened somewhat a couple of days before the holiday and again on Wednesday. Chrysanthemums, of which several thousands were handled, were $3 to $7.50 per dozen; roses, $1 to $5 per dozen, with American Beauties at $8 to $12; carnations, 75 cents to $1.25 dozen; orchids and gardenias, $8 to $12 per dozen.

Various Notes.

William Hay, of Oaklawn, is shipping large consignments of fine roses to the Boston market daily.

Joseph Kopelman handled the largest stock of cut flowers at wholesale and retail of any year he has been in business.

The funeral of James B. Gay, grand master of the Grand Lodge of Masons of Rhode Island, gave several of the city firms lots of work. There was an abundance of floral tributes and nearly all of the dealers got a share. Mr. Gay was assistant treasurer of the Providence Journal Co., and Johnston Bros. furnished nearly all of the pieces from the various departments of that concern. J. Kopelman, M. Macnair and T. J. Johnston & Co. also had a number of pieces.

T. R. Peterson, of Benefit street, had

PRIZE-WINNING

CARNATIONS

At the fall shows we exhibited more carnations than any other grower, and won more prizes than any other firm with the same amount of glass. It is because the stock we ship is the same high quality we exhibit that we please our customers ALL the time.

CARNATIONS	Per 100
Good	$2.00 @ $3.00
Select	4.00

All other cut flowers at lowest market prices.

Chicago Carnation Co.

Salesroom: 30 E. Randolph Street, Greenhouses, JOLIET, ILL. **CHICAGO**

Mention The Review when you write.

several large house decorations recently.

The regular monthly meeting of the Florists' and Gardeners' Club of Rhode Island will be held in the rooms of the association, at 96 Westminster street, December 11. Several special features will be presented in the program.

L. Engel, manager of the flower department of L. Dimond & Sons, Inc., has opened his new store at 305 Weybosset street, which he has called The Rosery. This will be conducted in connection with his other store.

A number of good greenhouse men are wanted in this city and vicinity, as there are a number of vacancies.

Lawrence Hay, of East Providence, is bringing in some fine dark red cyclamens in 6-inch pots, which find ready call.

Johnston Bros. added two men to their force during the holidays.

James Hockey, superintendent of Moshassock cemetery, Pawtucket, where he has a greenhouse, is making an extended trip in Europe. During his absence his son attends to the business.

Proposals for the erection of a greenhouse near the pumping station in Fall River, Mass., are solicited by the Watuppa Water Board, Daniel J. Sullivan, president.

G. D. Fenner is beginning to plant three large houses to bulbs for the early spring and Easter trade, at his range in Oaklawn.

O. S. Hughes, who recently opened a retail store at 82 Westminster street, has given up the business, his place having been taken over by Henri Patri.

T. J. Johnston & Co., Ed Brooke, manager, have the contract for the table decorations at the Crown hotel for the season. They had several large private decorations last week.

M. Macnair kept four delivery wagons busy all day Tuesday, Wednesday and Thursday morning in getting out his orders. With increased clerical and sales forces at both stores on Weybosset street, he had his hands full.

Miss Florence Willard, of the Hope Greenhouses, reports the largest cut of orchids since she has been in business, and yet her supply did not equal the demand.

E. Court Bentley has been appointed deputy tree warden by Tree Warden Frederick C. Buffum, of Westerly.

W. S. Pino and Lawrence Hay are serving on jury duty in the Superior Court of Providence county for two weeks.

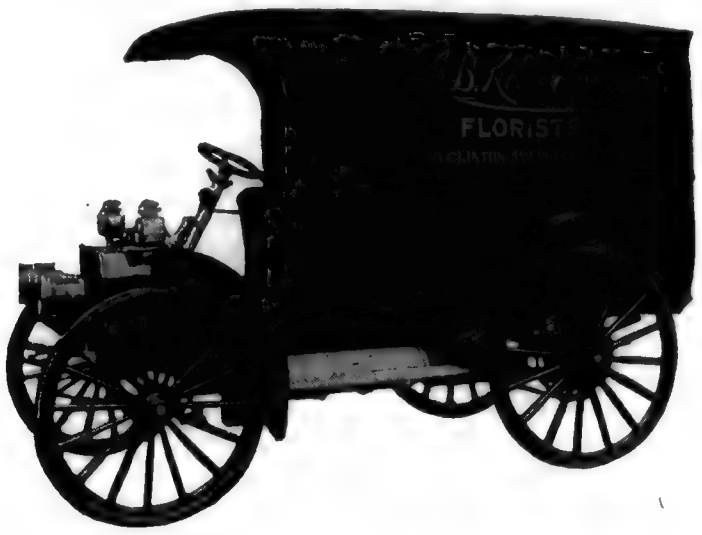
W. E. Barrett & Co. furnished turkeys and greenbacks to their employees for Thanksgiving.

Timothy O'Connor had the decorations for the Nightingale coming-out party, which was the most elaborate floral affair ever seen in this city.

Nils G. Pierson, of Norwood, gave a duck supper to a number of his acquaintances the other evening. The game was captured by Mr. Pierson while on a hunting trip.

Among the visitors in this city last week were the following: W. B. Curry, of J. Charles McCullough, Cincinnati; Mr. Woodruff, of S. D. Woodruff & Sons, Orange, Conn.; F. G. Fischer, of the National Folding Box Co., New Haven, Conn. W. H. M.

Newtonville, Mass. — H. A. Mansfield, 67 Walnut street, reports that he has retired from active business.



From Every Standpoint
The Perfect Delivery System for Florists

It means money and reputation to a Florist to get his plants and flowers delivered quickly—an hour or two of delay often means a loss of their first crisp freshness.

When decorating a house or church it is most necessary that the Florist and his plants should get there in a hurry and back in a hurry.

AN INTERNATIONAL COMMERCIAL CAR

will make deliveries in one-third the time required with a horse-drawn vehicle. It means better service—lower cost of delivery—a larger territory—and as a result, more business.

The International Commercial Car is the most practical car on the market. The motor is simple, well built, and economical in fuel consumption. The wheels have solid rubber tires—no delays due to punctures and blowouts. The International Commercial Car is sold at the lowest price consistent with high-grade materials and the best workmanship.

Write and tell us what conditions you have to meet and we will be glad to furnish you with figures showing the saving an International Commercial Car will make for you—figures based on the experience of other business men.

International Harvester Company of America
(INCORPORATED)
77 Harvester Building **CHICAGO U S A**

Mention The Review when you write.





A Good Place to Buy
Cut Flowers, Palms, Ferns, Bulbs and Florists' Supplies. Write them next time you need something.
C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write.

Plymouth, Mass. — The Kingston Gardeners have opened a flower store on Court street, near Holmes Terrace.

Hagerstown, Md.—J. H. Revell, the plant grower, formerly at Texas, Md., has removed to this city.

BULLETIN No. 12

Note Our Special Low Offer on Immortelle Bells:

2½-inch, per 100	$ 6.00
3 -inch, per 100	10.00
4 -inch, per 100	15.00
5 -inch, per 100	22.00
6 -inch, per 100	30.00

ORDER TODAY

These prices only last as long as our stock lasts. Cannot make them on order at that price.

JOS. G. NEIDINGER, MANUFACTURER and IMPORTER of FLORISTS' SUPPLIES 1513-15 GERMANTOWN AVENUE, **PHILADELPHIA, PA.**

Mention The Review when you write.

The Cleveland Florists' Exchange

606 HURON ROAD, CLEVELAND, OHIO

Wholesale Commission Florists, Importers, Jobbers and Manufacturers of Florists' Supplies and Novelties

Send us your list for prices. All seasonable flowers. Consignments of good stock solicited.

Mention The Review when you write

WHITE LILAC

Your customers will appreciate this; it is sure to give satisfaction.

Cleveland McCALLUM CO. Pittsburgh

Mention The Review when you write.

BUY YOUR FLORISTS' SUPPLIES FROM

L. BAUMANN & CO.

357-359 W. Chicago Ave., CHICAGO, ILL.

We have the largest and most complete stock, Sea Moss, or Japanese Air Plant; Natural prepared Ferns, Cycas Leaves, Magnolia Leaves, Cycas Wreaths, Magnolia Wreaths, Moss Wreaths. Metallic Designs and a big line of Novelties.

Mention The Review when you write.

STOCKS FOR EASTER, 1912

MICHELL'S FLOWER MARKET STOCK

The Best of all Winter Flowering Stocks Sown now, will be ready for cutting Easter

COLORS:

Pure White, Flesh Pink, Rose Pink, Light Blue, Dark Blue, Blood Red and Mixed.

½ Trade Packet	Trade Packet	¼ Ounce	Ounce
30c	**50c**	**$1.00**	**$3.50**

WRITE FOR CURRENT WHOLESALE CATALOGUE.

See our SPECIAL BULB OFFER, page 29, Nov. 2 issue of The Review.

HENRY F. MICHELL CO.

518 Market Street, Philadelphia, Pa.

Mention The Review when you write.

TORONTO.

The Market.

Trade all along the line has been excellent and away ahead of other years. The social season has been a particularly good one and is likely to hold out for some little time. An event that brought considerable business to the trade was the visit of the Duke and Duchess of Connaught, November 27 to 30. Quite a number of events were given in their honor and the demand for bouquets was large. November 27 the Royal Canadian Yacht Club gave a big ball in their honor. This took place in the Armories, which were profusely decorated with flowers and plants. Harry Dillemuth had charge of the work and the Robert Simpson Co. shared in some of the decorations.

Just now every one's thoughts are turning to Christmas. From present indications stock will be only fair. The weather this season has been poor for growing and stock has not come along as it should. The crop of azaleas, which flower is popular at this season of the year, is not satisfactory. There is a lot of poor stock. The bad season in Europe is given as the reason for this, the hot weather over there being responsible. In other years the plants in the greenhouses came along nicely without being forced, but this year extra heat has had to be used and the quality is not as good as usual.

Various Notes.

Ernie Graham, formerly with J. H. Dunlop, and previous to that manager of the Tretheway model farm retail store, has opened a store on Queen street, near Broadview. He reports business good.

Neal the Florist has opened a store on Bloor street near Brunswick avenue.

Roses For The Christmas Holidays

Beauties, Richmond, Killarney, Maryland.

We are offering Beauties that are as good as they can be, 36 to 48-inch stems, perfect flowers. Our supply of the other mentioned varieties will be large and of exceptionally fine quality. The "Specials" have stems 24 to 30 inches long. It will pay you to get our quotations.

BOXWOOD, = = = per 50-lb. crate, $7.50

New Bronze Galax.

The Leo Niessen Co.

WHOLESALE FLORISTS
N. W. cor. 12th and Race Sts., PHILADELPHIA, PA.
Open from 7 a. m. to 8 p. m.

Mention The Review when you write.

C. F. Bakewell has disposed of his store on Avenue road to a Mr. Hatcher.

The Albany Florist Shop, College street, the proprietor of which also managed a dry goods store next door, has taken down the partition between the two stores and made it all one, with flowers on one side and dry goods on the other. E. A. F.

PHILADELPHIA.

The Rising Eastern Market.

The cut flower market is buoyant. The week from Thursday, November 30, to December 6 was the best that the market has enjoyed this season. The opening day—Thanksgiving—was good. It has been improving ever since. Roses have advanced under an excellent demand and reduced receipts.

Chrysanthemums fairly jumped at Thanksgiving and have continued in brisk demand ever since. Buyers who formerly questioned values now take what they want on sight, if the price is anywhere near right. Nonin is the white of the day. There are probably more of this variety than all the others combined. Nagoya and Bonnaffon are the leading yellows. Rosette is the leading pink and, in fact, other yellows and pinks are rare.

Carnations have taken a jump. Much of the stock offered is exceedingly fine. Enchantress and Bassett and one or two more are bringing as much, when well grown, as the Wards and Gloriosa. Beauties are firm, with the fancies more plentiful than the medium grades. The smaller roses are in good supply, excepting the cheap grades used for design work. Anything over 5 cents is easy to obtain, but flowers at a lower figure are often difficult to find. This is particularly true of white. Richmond is not in heavy supply.

Violets seem to have reached the high water mark for the present. After a decided shortage, there are signs that the supply equals the demand. Prices are easier. There is no change in orchids except that the smaller and less expensive Cattleya Percivaliana is nearing the end of its season. Trianæ is rather scarce and in demand. Gardenias are active. Valley is the only lily that shares in the brisk business. Easters are dull and callas still unimportant. Mignonette has arrived. Paper Whites and Roman hyacinths are more abundant. The finer greens are more in favor.

The out-of-town demand has been excellent. A feature of the local business was the surprising demand for the incoming of the reform municipal administration, December 4. More flowers were used on this occasion than for many years past. Not baskets, but loose flowers chiefly.

Ontario Street.

Godfrey Aschmann was seated at his desk, busily engaged in doing the work that makes a place run smoothly. Just in front of him, in the shed beyond, his son and his assistants were packing advance Christmas orders. The houses, a new one having just been added, are full of flowering and foliage plants, with here and there a great gap where an order has lately been picked out and become a block of paper-covered plants waiting for removal to the packing shed, looking like a regiment of white coated soldiers on dress parade.

Mr. Aschmann has a large assortment of plants for Christmas that have been carefully selected and carefully grown. Azaleas are a feature of the flowering stock. Mme. Petrick has the place of honor. It has the Christmas color and is a fine early variety. Verveneana comes next, quite as good when pink is wanted. Then come Simon Mardner, a good, reliable sort, and Deutsche Perle, the best early white.

THE BEST NEW PINK ROSE
ON THE MARKET TODAY IS

Princeton

Not the kind of rose you hear about and then can't get when you want it. A rose that will please **you** when you open the box, will please **your customer** when made up and will be ready for **you** on reasonable notice.

For **your** smartest bouquets, dinners and decorations, use the **new glowing pink** rose **PRINCETON.** Its unrivaled color, fine foliage and stems place it in a class by itself.

ROSES, VIOLETS, CARNATIONS and all seasonable varieties of **CUT FLOWERS** of fine quality in large or small quantities.

BOXWOOD, by the case of 50 lbs., $7.50

BERGER BROS.

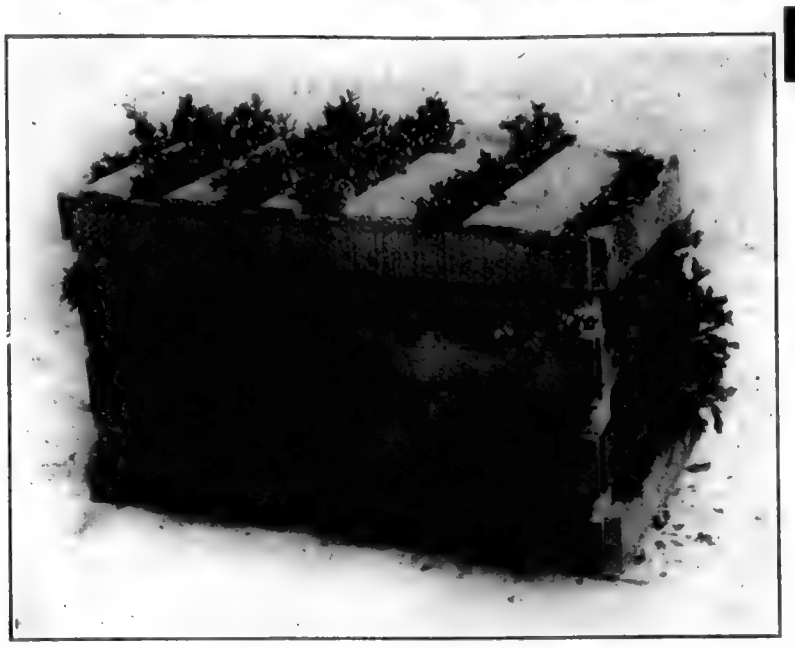
Wholesale Florists

140-142 North 13th Street, Philadelphia, Pa.

Mention The Review when you write.

FOR THE CHRISTMAS TRADE

BOXWOOD SPRAYS



Exceptionally fine stock, dark, glossy green, no surplus wood. The choicest lot we've ever received. We are the introducers of and the headquarters for this valuable green. For Christmas there is nothing that makes a choicer or more beautiful wreath than Boxwood, with a little coloring of Bronze Mahonia. Boxwood, **50-lb. crates, $7.50.** A few days' notice should be given to avoid any delays.

BRONZE MAHONIA: $1.50 per 100; $12.50 per 1000.

LYCOPODIUM: Splendid quality, full and green, not dried out on account of being gathered too long. Deliveries any time. Quotations on application.

LYCOPODIUM WREATHING: Quotations on application.

BRONZE GALAX: For immediate delivery, cold storage stock, $15.00 per case. New crop likely ready about December 10. Probable price, $7.50 per case.

LEUCOTHOE: Green and bronze. $1.00 per 100; $9.00 per 1000. Bronze ready about December 10.

CUT POINSETTIAS: Some especially well-grown stock. The large heads are beautiful specimens, deep, velvety red. Per 100, $25.00 and $30.00. A few of the very large ones, $40.00 per 100.

GREEN GALAX: New crop, $7.50 per case.

PLUMOSUS: Contracts made for the season on strings or bunches; very choice stock.

HOLLY WREATHS: Of the very best holly, made full, with plenty of berries $15.00 per 100; extra large, $20.00 and $25.00 per 100.

MAGNOLIA LEAVES: Green and bronze; per basket, $2.25.

RIBBONS AND SUPPLIES; Many new patterns in exclusive Christmas ribbons. Write us for prices on these and on supplies.

PM QUALITY

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF PHILADELPHIA

PHILADELPHIA 1608-1620 Ludlow Street
NEW YORK 109 West 28th Street
WASHINGTON 1212 New York Avenue

Mention The Review when you write.

CARNATIONS

Fancy—Ward, Beacon, Enchantress, Winsor. **Ordinary**—Joost, Boston Market, Queen, etc.

Fine Sweet Peas——Gardenias——Stevia——Daisies

What you do not see here, ASK FOR. We are sure to have it.

Philadelphia Cut Flower Co., 1517 Sansom Street, Philadelphia, Pa.

OPEN UNTIL 6 P. M.

Mention The Review when you write.

The begonias are a sheet of bloom, Lorraine, Cincinnati, Erfordii and others. Mr. Aschmann believes in Erfordii; its freedom of bloom, varying color from pink to red, and robust vigor making it a general favorite. Cyclamens, poinsettias, primroses and Jerusalem cherries are all specialties with Godfrey Aschmann. The solanums, as the cherries are called, have glossy green foliage, contrasting prettily with the profusion of berries. Araucarias, a specialty here, lead in the foliage section. Then come the palms, including nice arecas and latanias. The ferns in every size and of many types are a big feature and fill many tables. Rubbers evidently are returning to favor, as they should. Last, but by no means least, there is a big stock of Asparagus plumosus, from the useful size for ferneries and edging baskets up to the large sizes for hampers and decorative work.

Various Notes.

Charles F. Edgar spent several days here this week. Mr. Edgar, formerly well known in retail and wholesale circles in this city, has been for over two years with Miss Rebstock, of Buffalo.

THE FLORISTS' SUPPLY HOUSE OF AMERICA

CHRISTMAS WREATHS

In a variety more beautiful than any ever offered. **Statice Wreaths, Ruscus Wreaths, Holly Wreaths, Magnolia Wreaths, Immortelle Wreaths, Moss Wreaths.**

Endless variety may be secured by the use of **Loose Statice, Loose Holly, Loose Immortelles, Loose Ruscus.**

Holly Sprays, Beech Sprays, Magnolia Sprays.

Cycas Leaves and Pine Cones.

Our Silent Salesman awaits your commands; write to us and he will call on you with full description of **everything in Florists' Supplies and Novelties for Christmas.**

H. BAYERSDORFER & CO., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.

Their business there closed with Miss Rebstock's marriage.

The Robert Craig Co. has beautifully colored blocks of dracænas, terminalis and Lord Wolseley, grown under Norwood's favoring conditions.

Martin C. Ribsam, of Trenton, N. J., and A. & G. Rosbach, of Pemberton, N. J., were here recently.

David Rust delivered an interesting address on "The History of the Florists' Club" at the December meeting of that organization.

B. Eschner has returned from a four weeks' trip through the middle west. Mr. Eschner reports favorably on business conditions.

Jeanne Nonin is seen in fine form at Edward Reid's.

Pussy willows are the latest arrivals at Eugene Bernheimer's.

A big, timely crop of chrysanthemums made last week the best in Alfred M. Campbell's business history.

H. Bayersdorfer & Co. are receiving large importations of immortelles, immortelle, holly and moss wreaths, air plants and other Christmas goods on five or six steamers.

The S. S. Pennock-Meehan Co. expects a brisk demand for boxwood sprays.

Samuel F. Lilley has a crop of fine Bonnaffon that ought to be re-named Gold Mine at this time.

Henry F. Michell says that the Christmas green situation is normal. The supply is good, without being excessive. The demand is commencing well.

Berger Bros. are sending out the new rose, Princeton, as fast as it arrives.

Walter P. Stokes is experimenting with liquid sulphur as a fungicide.

The little fernery was an important factor for Thanksgiving.

The Philadelphia Cut Flower Co. finds the tide has turned. Demand exceeds supply.

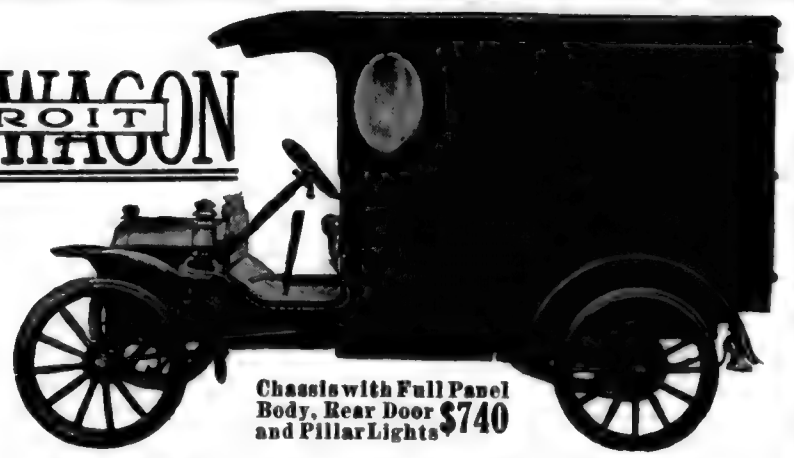
White lilac is popular, says the Leo. Niessen Co.

George F. Christie, of Clifton, Pa., is sending sweet peas to W. J. Baker that he may uphold his high reputation. They are not from the new house yet, either.

Pennock Bros. are experiencing a heavy demand for fine plants. Jos G. Neidinger reports a heavy demand for extra fine red ruscus, green ruscus wreaths and his special Christmas wreaths.

Phil.

MOTOR WAGON DETROIT



Chassis with Full Panel Body, Rear Door and Pillar Lights $740

Chassis with Magneto Equipment	$610	Bodies to Suit the Various Lines of Trade

Because of its low initial cost and its low up-keep the Motor-Wagon is in great demand by progressive merchants everywhere.

In almost every line of business it has proved reliable, efficient and economical.

The Motor-Wagon will make quick, prompt and satisfactory deliveries to your customers; and open new avenues for increased business.

It is easy to operate and to care for, and practically free from break-downs or repairs. Write at once for particulars.

The Motor-Wagon Company of Detroit

Dept. W, DETROIT, MICH.

Mention The Review when you write.



FINE EVERGREENS

Ferns and Leucothoe Sprays a specialty.

Get our price list before ordering.

F. H. STINSON, Banners Elk, N. C.



Mention The Review when you write

Attention Buyers!

Laurel Festooning made as a specialty

Just what your order calls for, and nothing else, is what you get when placing your order with us.

Florists will find it to their advantage to anticipate their wants for the coming season, by placing their orders with us early. Sample leaves cheerfully sent upon application.

RIGHT WHERE THE LAUREL GROWS. TELL US YOUR WANTS.

THOS. A. ZETO, Newfield, N. J.

Mention The Review when you write.



HEADQUARTERS FOR

Christmas Greens

Special Selected Grades for Florists

Holly **Mistletoe** **Lycopodium**

Wreaths—Laurel, Holly and Lycopodium

Roping—Laurel and Lycopodium

Moss—Green Lump and Sheet

and all other specialties for the Holidays. Special circular, with prices, mailed to all.

Henry F. Michell Co.

518 Market St., Philadelphia

Mention The Review when you write.

Boxwood Sprays

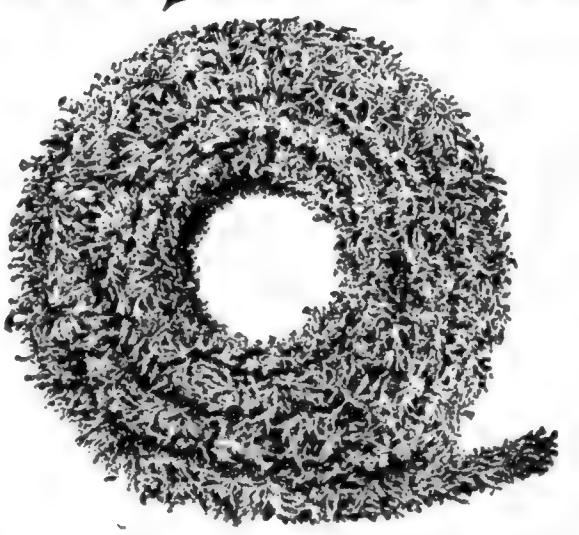
Free from excess wood. Special tree variety. Excellent material. Shipped from southern plantations.

Pittsburgh Cut Flower Co.

121 Seventh St., Pittsburgh, Pa.

Mention The Review when you write.

Bouquet Green Wreathing



Extra well made and good medium weight.

Write us before buying. We are headquarters.

C. C. Pollworth Co., Milwaukee, Wis.

Mention The Review when you write

All Ready for Christmas



FANCY

WE HAVE selected some of our best stock for Christmas orders and can ship you the best Ferns to be had in the market.

Price List on application.

P. S.—We still have a few Xmas Trees left.



DAGGER

L. B. BRAGUE & SON, {Established 1867} **Hinsdale, Mass.**

Mention The Review when you write.

NEW YORK.

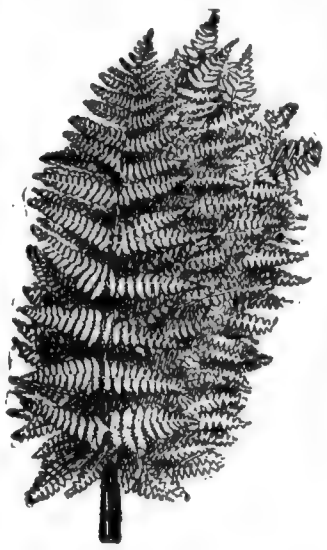
The Market.

Thanksgiving week was an agreeable surprise in the wholesale market. Values of everything improved and the outlook became brighter and more encouraging as the week came to a close. Saturday night, December 2, saw the market completely cleaned up for the first time in many moons. The new week opened with four inches of snow on the level and little stock arriving. The demand was sufficient to maintain values at last week's average quotations.

It is predicted there are enough chrysanthemums left to last until New Year's. Splendid stock of Chadwick, Nonin, Gold Mine, Eaton and Bonnaffon is still arriving in quantity and excellent prices are obtained. With the exception of a few specials or novelties, from $3 a dozen down to $1 covers the range in values. Bonnaffon led all others in abundance and popularity, but never before has the New York market been so completely dominated by the mum for so many weeks and no serious slump resulted.

Roses of every kind have advanced to nearer their rightful value. The supply at present is limited, but any increase in shipments will be met by the natural increase in demand, with a present prospect of considerable elevation in prices for the holidays. American Beauties have touched 50 cents, and even 60 cents for some selected stock. The quality being now superb, all grades of Beauties are absorbed at good prices except the No. 2. Hillingdon, Taft, Jardine, Bulgarie and all the new varieties have advanced and are quickly taken on arrival. The craze for novelties is marked. This does not lessen, however, the popularity of Richmond, Killarney, Maryland and Chatenay, and the old favorites, Maid and Bride, now arriving in such limited quantity, have shared in the general improvement.

The supply of carnations is quickly



Fancy Ferns

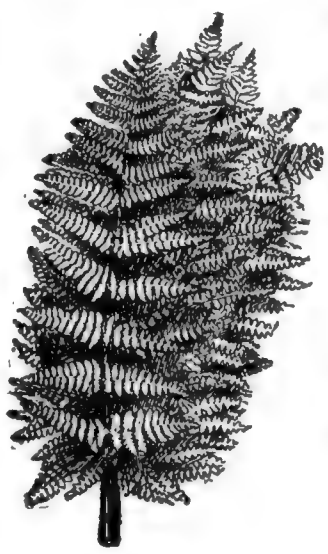
Finest stock in the country

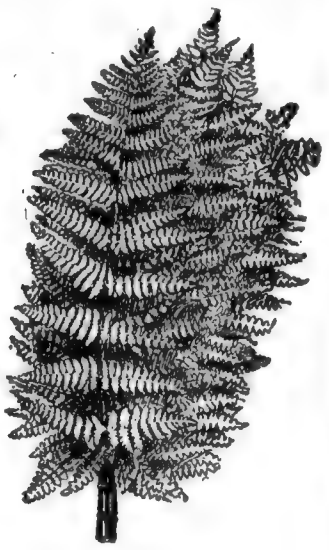
$1.50 per 1000 Discount on large orders. **$1.50 per 1000**

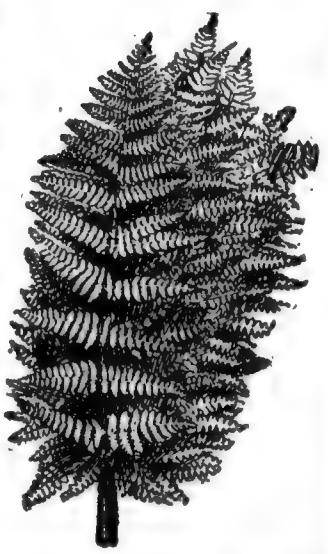
Place your standing orders with us.
Full supply all the year around.

Imported green and bronze Magnolia Baskets, $2.25; 6 baskets	each,	$2.00
Galax Leaves, green and bronze	per 1000,	1.25
Green Leucothoe Sprays, extra fine	per 1000,	7.50
Boxwood	per lb., 20c; per case, 50 lbs.,	7.50
Wild Smilax	50-lb. case,	5.00
Sphagnum Moss	large bales,	1.50

Full supply Cut Flowers at all times.







Michigan Cut Flower Exchange

38-40 Broadway, Detroit, Mich.

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absorbed at the higher rates now asked. The Wards rose last week to midwinter rates. The general quality of the carnation shipments is now perfection. Beacon, Winsor, Enchantress and White Perfection seem to be the favorites of the medium grades. The supply of the newest varieties is not yet sufficient to justify the dignity of regular quotations.

Some fine cypripediums are coming in and sell steadily at $1.50 per dozen. Cattleyas command 75 cents each and are scarce. This applies also to gardenias, much of the stock being short-stemmed and unsalable to the leading retailers. The best sell at $4 to $5 per dozen. Violet specials sold at $1 per hundred for Thanksgiving and remain steady at that figure for the best, though in large quantities 75 cents is accepted. There is a great abundance of Paper White narcissi and Roman hyacinths are now arriving heavily. The latter are quoted at $2 per hundred. Pansies, antirrhinum, mignonette, bouvardia and daisies are here in abundance. The top for valley is 4 cents and lilies have not gone above 6 cents. The latter are again coming in thousands daily. Lilac is selling at $1 a bunch.

Flowering plants sold well for the Thanksgiving holiday and since, especially Begonia Gloire de Lorraine, azaleas, cyclamens and poinsettias. The growers of these around New York evidently are depending on a plant Christmas, if one may judge by the grand display of these specimens in their greenhouses, most of them already sold, they claim, for immediate local delivery.

WHOLESALE



Galax, Ferns, Leucothoe



—Ask for Price List—

The North Carolina Evergreen Co., - Banners Elk, N. C.

Mention The Review when you write.

IN THE SWIM

I must be in the swim,
You might forget my name,
And say I was to blame,
If you do not get the best.
So write—I'll do the rest.

Christmas Trees, Spruce or Balsam from 1 foot to 30 feet, in any quantity, also **Baled Spruce, Balsam** and **Hemlock Boughs,** by bale or carload, **Laurel** and **Evergreen Festooning** and **Wreaths, Sphagnum Moss,** hardy cut fancy and dagger **Ferns.** Yearly contracts made for them.

Send for Price List. Order Christmas Trees now, so as to be served in time and not be left.

H. J. SMITH, Hinsdale, Mass.

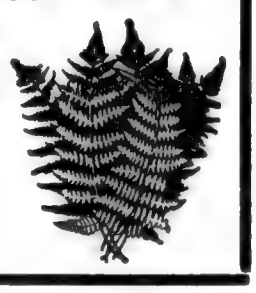
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J. H. VON CANON & COMPANY



Evergreens Fresh From The Woods

Galax, Green, 50c per 1000; $3.50 per case of 10,000
Galax, Bronze, 50c per 1000; $1.50 per case of 10,000.
Ferns, Fancy and Dagger, 80c per 1000; $3.50 per case of 5000.
Green Leucothoe, regular lengths, $1.75 per 1000.
Green Leucothoe, 10 to 16-inch, $1.00 per 1000.
Bronze Leucothoe, 10 to 16-inch, $1.75 1000; regular lengths, $2.75 1000. Cash with order.



Wire Us
Elk Park, N. C. **BANNERS ELK, N. C.**

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Christmas Decorations

Ferns—Galax—Moss

Headquarters for Southern Wild Smilax
$3.00, $4.00 and $5.00 per Case

NEW FANCY FERNS
Per 100 .....20c Per 1000.....$1.50

GREEN AND BRONZE LEUCOTHOE SPRAYS
Per 100 .....50c Per 1000.....$5.00

BOXWOOD
Per lb. .....20c Per case of 50 lbs....$7.50
Per case of 100 lbs.....$14.00

BRONZE GALAX LEAVES
Per 1000.....$1.00 Per 10,000.....$7.50

GREEN GALAX LEAVES
Per 1000.....$1.00 Per 10,000.....$7.50

MEXICAN IVY
Per 100 .....75c Per 1000.....$6.00

GREEN SHEET MOSS
Per bundle .....$1.00 10 bundles $9.00
25 bundles.....$21.00

SPHAGNUM MOSS
Large bales.....$1.50 per bale
Special prices on large quantities

IMPORTED BRONZE AND GREEN MAGNOLIA LEAVES, $2.00 PER BASKET

FLORISTS' BRIGHT ANNEALED WIRE
Sold only in stones of 12 pounds each

No. 20	$0.70	No. 24	$0.80
No. 22	.75	No. 25	.85
No. 23	.80	No. 26	.90

FLORISTS' BRIGHT ANNEALED CUT WIRE
Sold in boxes of 12 pounds each
Cut in 12 and 18 inch lengths

No. 20	$1.05	No. 23	$1.15
No. 22	1.10	No. 24	1.20

PAPER POINSETTIAS
75 cents per dozen $7.50 per gross

PAPER BELLS
All sizes from 25 cents per doz. to 75 cents per doz.

RED MATS
20 cents each $2.00 per dozen

WATERPROOF CREPE PAPER
All colors, 20 cents per roll $2.00 per dozen

IMMORTELLES
$3.50 per dozen $25.00 per hundred

RED CHRISTMAS RIBBON
75 cents, 85 cents and $1.00 per bolt

RED CAPE FLOWERS
$1.50 per pound

RED JAPANESE CHENILLE
$1.00 per roll

RED RUSCUS
$1.00 per pound 50 pounds at 90 cents per lb.

IMPORTED RED RUSCUS WREATHS
(New This Year)

14-inch 50 cents each	$5.50 per dozen
16-inch 60 cents each	$6.50 per dozen

GREEN RUSCUS WREATHS

14-inch 35 cents each	$4.00 per dozen
16-inch 50 cents each	$5.50 per dozen

GREEN FRENCH MOSS WREATHS
10-inch $1.00 per dozen 12-inch $1.25 per dozen
14-inch $1.50 per dozen

CRIMPED WIRE RINGS
For Making Holly Wreaths for Xmas

	Per 100		Per 100
10-inch	$0.70	16-inch	$1.15
12-inch	.80	18-inch	1.25
14-inch	1.00		

Special prices in 1000 lots

Everything in Florists' Supplies

Full Line of Cut Flowers and Other Greens at all Times.

C. E. CRITCHELL

Wholesale Commission Florist

34-36 E. Third Avenue, Cincinnati, Ohio

Two Long Distance Phones, Main 2162-2163.

HOLLY-HOLLY-HOLLY

I have just returned from a two weeks' trip through the Holly sections of Delaware, Maryland and Virginia, and have contracted for my supply for the season of 1911. I expect to have several cars of very fine, dark green, well-berried Swamp Holly. I will have it packed as usual in regular size cases, 2x2x4, and guaranteed as represented. My first car will arrive in Philadelphia about December 1st. I filled all orders received last year and gave entire satisfaction and I hope to do so again this season. My price this year on orders received up to December 1st is **$3.00 per case.** After that date, at market price, which I am quite sure will be higher on account of scarcity.

HOLLY WREATHS
My Holly Wreaths will be made of the very finest selected dark green Holly on 10 inch hoops, and will be well-berried $10.00, $12.50 and $15.00 per 100, according to quality.

LAUREL WREATHING
My Laurel Wreathing will be made of the brightest Swamp Laurel that it is possible to secure, in 50-yard lengths. Price, 2½c and 3c per yard.

MISTLETOE
My Mistletoe, from North Carolina, will be extra selected and full of berries. Per case, $3.50 to $5.00, according to quality.
Lycopodium, in 10-yd. rolls, 5c to 8c per yd.

I make a specialty of the above and guarantee all goods as represented or money refunded. Cash must accompany all orders.

F. B. WOOLEY, 152 Dock St., Reference: 6th National Bank, Mutual Trust Co. **Philadelphia, Pa.**

Mention The Review when you write.

Good holly is selling at $5 a box and probably will not go below that figure here. The usual amount of trash, on consignment, is inevitable, but this goes to the grocer and the butcher; the retail florists will have none of it. Pine is scarce and holds firm at 10 cents a pound.

Various Notes.

Next Monday evening, December 11, the New York Florists' Club holds its final session of the year. Prof. John Craig, of Ithaca, will deliver an address and the new officers will be elected. Messrs. Hendrickson and Manda will compete for the presidency, Messrs. Einsman and Rossback for vice-regal honors, Messrs. Rickards, Scott and Siebrecht for the money bags and Messrs. Young and Badgley for the secretary's chair.

This week closes the plant auction business in New York for the year. MacNiff disposed of the large palms, ferns and rubbers of the Bliss Estate, Oceanic, N. J., December 1.

The Kessler brothers have dissolved partnership and William Kessler has acquired the business. There is no more popular young man in the wholesale plant business in the country. The store and conservatories at 113 West Twenty-eighth street are complete in every respect.

Paul Meconi is handling some splendid orchids and gardenias grown by Thomas Young, Jr.

Badgley, Riedel & Meyer were receivers of the earliest shipments of poinsettias.

Louis Hanfling, Jr., has been appointed city agent for Russin & Hanfling.

A new door of much increased width graces the entrance to Arthur T. Boddington's and about completes the conveniences.

Walter Mott, of Newburgh, traveler for W. Elliott & Sons, was in the city December 1, having completed a successful western trip. He is in New England this week.

Messrs. Dards, at 114 West Seventy-second street, and Grunewald, of Columbus avenue, suffered considerable loss because of a dynamite explosion in that vicinity last week, all the windows of their handsome stores being shattered.

Myer, the Madison avenue florist, had charge last week of the A. J. Mayer funeral, furnishing a handsome casket cover of oak foliage, violets and valley. November 26 he furnished for the Oppenheim funeral a casket cover of

DOT THESE PRICES DOWN

BOXWOOD
25-lb. lots..... $ 3.50
50-lb. lots..... 6.50
100-lb. lots..... 12.00
500-lb. lots..... 55.00

LEUCOTHOE..$6.00 per 1000
GALAX..$6.00 per case 10,000
MT. LAUREL LEAVES
Per 1000 .....$1.50

Extra Fine ADIANTUM
$1.00 per 100
Large Cut WHITMANI
$3.00 per 100

Florists' Exchange, Albert Schnell, Manager **1214 H St., Washington, D. C.**

Mention The Review when you write.

H O L L Y

In Case Lots and Car Lots
Also **Evergreen Wreathing** and **Wreaths** of all kinds.

It is now time to get our prices. Sit down and drop us a post card.

GEO. MIDDENDORF CO.
73-75 West So. Water St., CHICAGO

Mention The Review when you write.

CHRISTMAS GREENS

We have extra fine Roping in 20-yard rolls at 4, 5 and 6 cents per yard. Green Wreaths, 10-inch, $1.00; 12-inch, $1.25; 14-inch, $1.50; 16-inch, $2.00 per dozen. Green Moss Wreaths with Cape Flowers, 10-inch, $1.50; 12-inch, $2.00; 14-inch, $2.50; 16-inch, $3.00 per dozen. The newest thing out in Green and Bronze Oak and Magnolia Leaves in wreaths, 10-inch, 50 cents each; 12-inch, 75 cents; 14-inch, $1.00; 15-inch, $1.50. These are Wreaths that will keep for Cemetery Decorations all winter. We also offer green Blankets for grave coverings, 2x5 feet, $2.00; 6 feet, $3.00; 7 feet, $4.00 each. Boxwood Wreaths, 10-inch, 50 cents; 12-inch, 75 cents; 14-inch, $1.00; 16-inch, $1.50 each. These will measure from two to four inches more when made up.

Japanese Air Plants in Baskets and Canoes, $1.50, $2.00 and $2.50 per dozen.

GEO. A. KUHL Pekin, Ill.

Southern Decorative Evergreens

50-lb., full weight, extra select case
WILD SMILAX, $1.75

Chattahoochee Floral Company,
Hatcher Station, Ga.

We are now shipping
Southern Wild Smilax
Natural and Perpetuated
SHEET MOSSES
E. A. BEAVEN, - EVERGREEN, ALA.

FANCY HOLLY

HOLLY—In cases 2x2x4 ft., $3.00 a case. This is swamp stock, and is very good this season. Well berried and green foliage. Short or mixed branches.

GREEN SHEET, or LOG MOSS—In bbls. or bags, $1.25. This moss is in large, thin pieces and will give satisfaction.

LAUREL BRANCHES—2x2x4-ft. case, $2.50. This is swamp stock and will hold its color much longer than the ordinary mountain laurel. With straight branches, for decorating.

LAUREL STEMS—For roping. Large bag, $1.00. Swamp stock, with short stems. Will make 90 to 100 yards of medium roping.

NEW STONE TOMATO SEED, 75c lb. This seed is from good stock of the best canning tomatoes. Special prices on large lots.

MISTLETOE — Large bunch in basket, $1.00.

All goods shipped direct from the swamps, and are fresh, with good color Can ship Moss and Laurel all the year. Cash or satisfactory reference must accompany first order. Express and freight rates on application.

Postal wire reaches me direct.

W. Z. PURNELL, Snow Hill, Md.

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MIDWAY EVERGREENS

10,000 acres in gulf regions of ferns; finest on the market. Wholesale prices.
Finest Holly, $2.25 50 lb. Xmas Trees, 25c up. Bouquet, 6c lb. Princess Pine, 60c lb. Laurel and Ivy, 2c lb. Cedar, Norway Spruce, Boxwood, everything at usual prices. Come this way. All orders promptly filled. Prices good 30 days. Cash, please.

GRANT PRESNELL, Del Rio, Tenn.

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Wholesale Price List of Holiday Specialties

HOLLY.
Fancy Eastern Stock; selected especially for our trade. No better holly from the woods; crates 2/2/4 feet.
Per crate $4.00
5 crates or more, per crate..... 3.50

WINTER BERRIES.
Very fine this season, used largely with boxwood for making the better grade of wreaths; crates 6/16/24 inches.
Per crate $2.00

LAUREL FESTOONING.
Good heavy strings made to our order; fine foliage.
Per 50 yds. $2.50
Per 100 yds. 4.00
500 yds. or more, per 100 yds..... 3.50

BOXWOOD SPRAYS.
Our stock is free of heavy wood, consequently there is no loss in weight; bright green foliage.
Per bunch $0.25
Per 5 bunches..... 1.00
Per 50-lb. crate..... 7.00
Per 100-lb. crate..... 13.50

GREEN SHEET MOSS.
Our ** brand.
Per bale $1.00
Per 10 bales 9.00

MAGNOLIA LEAVES.
Green and bronze.
Per hamper, domestic $1.75
Per hamper, imported 2.25

PREPARED OAK LEAVES.
Per hamper $2.25

GREEN LEUCOTHOE SPRAYS.
Per 100 ..... $0.50
Per 500 ..... 2.25
Per 1000 ..... 4.00

FANCY EASTERN FERNS.
Per 100 ..... $0.20
Per 1000 ..... 1.75

WILD SMILAX.
Per crate, 50 lbs..... $ 5.00
Per 5 crates..... 20.00

MISTLETOE.
Per lb. $0.20
Per 6 lbs. 1.00

GREEN MOSS WREATHS.
Per doz., 12-in..... $1.25
Per doz., 14-in..... 1.50

GALAX.
Green and bronze.
Per 1000 ..... $1.00

WM. MURPHY, Wholesale Commission Florist

309 Main Street, Telephone Main 980. **Cincinnati, Ohio**

Mention The Review when you write.

Long Needle Pines. Magnolia Foliage and Magnolia Leaves. Natural and Fadeless Green Sheet Moss. Southern Wild Smilax.

Give us a TRIAL order—the OTHER orders will take care of themselves. We guarantee to ship you the BEST Southern Decorative Evergreens on the market. Stock cut and shipped within twenty-four hours after your order is received. Write, wire or Phone.

CHAS. S. LEE & CO., - - Evergreen, Ala.

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Sprays - - Ferns

NEW CROP, FRESH FROM THE PATCH



Fancy and Dagger Ferns, $1.00 per 1000.
Long Green Leucothoe Sprays, $2.50 per 1000.
Short Green Leucothoe Sprays, $1.25 per 1000.



Bronze Leucothoe Sprays, assorted lengths.....$3.50 per 1000
Bronze Galax..... .50 per 1000
Green Galax..... .45 per 1000
Hemlock Sprays ..... 1.50 per 1000
Rhododendron Sprays ..... 2.00 per 1000
Mountain Laurel Sprays..... 1.50 per 1000

Discount on large orders. Eighteen years in the business. Send me your orders.

J. N. PRITCHARD, Elk Park, N. C.

Mention The Review when you write.

FERNS and GALAX

New crop, fresh from the patch.

Fancy and Dagger Ferns, 70c per 1000.
Green and Bronze Galax, 50c per 1000.
Green Leucothoe Sprays, $2.00 per 1000; short, 12 to 16-in., $1.00 per 1000.
Discount on large orders. 10 years' experience. Cash with first order.

R. L. HODGES, Banners Elk, N. C.

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Wild Smilax

$2.00 per 50-lb. case.

Special rates on orders of 6 or more cases.

F. & S. LEE, Marion, Ala.

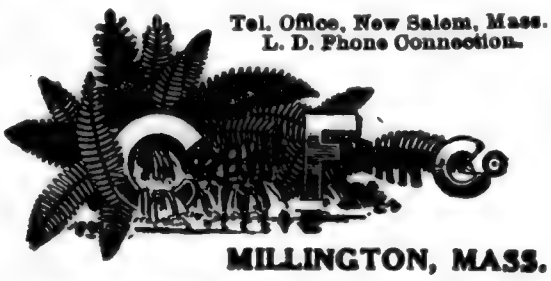
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...YOU...
Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

FANCY OR DAGGER FERNS

$1.00 per 1000. Write for prices on large orders.

Galax, 75c per 1000; $6.50 per case of 10,000. **New Bronze** now ready, write for prices.



Tel. Office, New Salem, Mass.
L. D. Phone Connection.

MILLINGTON, MASS.

Try our **Boxwood,** it's the finest that grows; no waste; 50-lb. case, $7.50.
Laurel Festooning, the best, 4c, 5c and 6c per yard.
The finest **Laurel Wreaths** made, $3.00 per dozen.
Branch Laurel, 35c for large bundle.
Sphagnum Moss, $4.00 per bale.
Bouquet Green, 8c per lb.
Southern Smilax, $5.00 per case of 50 lbs.
Green Moss, $1.25 per bbl.
Partridge Berries, 10c per bunch of 50 sprays.

A Special Lot of GROUND PINE, only $6.00 per 100 lbs. First come, first served.

CROWL FERN CO., : Millington, Mass.

Full Line of EVERGREENS

Boxwood, any quantity, 15c per lb. Finest Berried Holly, $2 50 per case of 50 lbs. Dagger Ferns, 65c per 1000. Galax, 45c per 1000. Large Leucothoe Sprays, $1.70 per 1000. Log Moss, 2c per lb. Christmas and Table Trees, 25c and up. Try us. Cash with order.

STEPHEN McMILLON & BROS., Cosby, Tenn.

Mention The Review when you write.

With stock as good, not better, and prices as low, not lower, than other jobbers, I solicit your weekly order.

G. J. Walker, Dealer in Fancy and Dagger Ferns

Savoy Centre, Mass.

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New Crop **SOUTHERN WILD SMILAX** New Ready

Louisville Floral Co., P. O. Louisville, Ala.

Telegraph Office, Clayton, Ala.

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ESTABLISHED 1898.

SMITH'S GALAX LEAVES
LEUCOTHOE SPRAYS
are Standard.

WM. C. SMITH
Marion, North Carolina

Ask for Smith's Galax and Leucothoe. Distributors in Boston, Providence, New York, Philadelphia, Baltimore, Washington, Pittsburgh, Cleveland, Detroit, Chicago, Milwaukee, St. Louis and Cincinnati.

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All Kinds of Decorative Greens At Wholesale

Dagger and Fancy Ferns, 70c per 1000.
Galax, bronze and green, 40c per 1000.
Leucothoe Sprays, $1.70 per 1000.
Green Log Moss, 3c per lb.
Rock Ferns, 70c per 1000.

I can get any kind of Greens wanted. Cash with order.

M. W. Presnell & Sons, Boomer, Tenn.

Always mention the Florists' Review when writing advertisers.

ANNOUNCEMENT

The firm of **KESSLER BROS., Plantsmen, 113 West 28th Street, New York,** has been dissolved by mutual consent. The business will be continued at the above address with

WILLIAM KESSLER

As sole proprietor.

☞The same courtesy and attention to your interests in the future as in the past, and my store and conservatories will contain the choicest **Cut Flowers, Blooming Plants, Ferns, etc.,** to be found in New York.

Wholesale Only

Mention The Review when you write

White Killarney roses, which was made solid to the floor with a large cluster of cattleyas in the center. For the funeral of Miss Flower, at South Orange, Myer made twenty-two designs.

M. A. Bowe reports an especially busy week, including several dinners and receptions and the funeral work for the president of the Boston National League Base Ball Club, which included telegraphic orders from every part of the country.

Woodrow & Marketos, 41 West Twenty-eighth street, were the purchasers of several novelties from the Bliss collection.

Julius Roehrs, Sr., has fully recovered from a severe cold, and Max Richter has mastered the attack of typhoid pneumonia and is back in charge of the orchid houses of the firm.

The N. Y. & N. J. Plant Growers' Association held its annual meeting December 5 at the office of W. H. Siebrecht, Jr., 277 Broadway.

Wertheimer Bros. report the heaviest mail order business they have ever known before the holidays.

Mr. Kervan, Jr., is back from a three months' northern trip and the quartet is again complete.

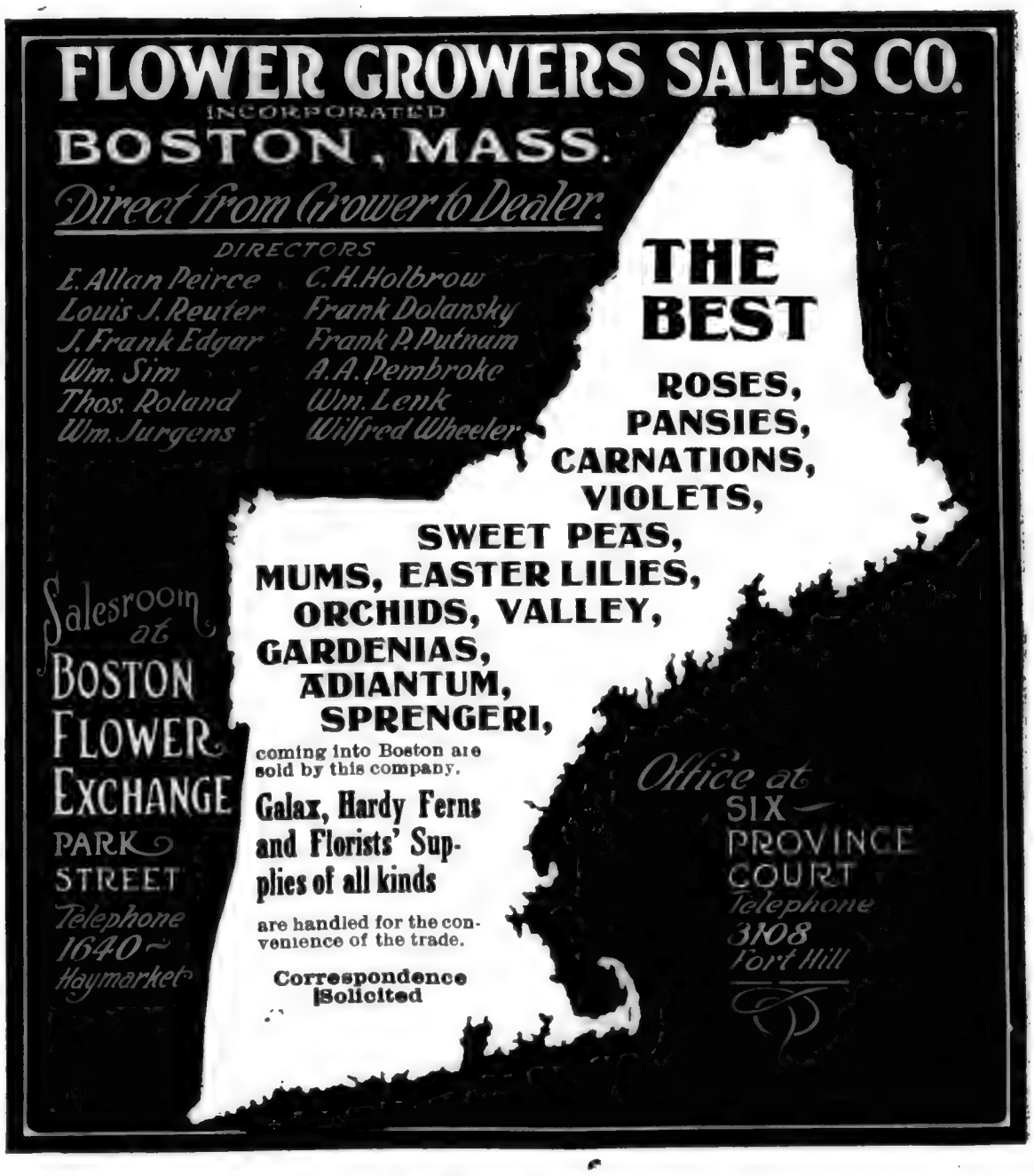
J. Austin Shaw.

ROCHESTER.

The Market.

With the passing of Thanksgiving and football, chrysanthemums are also a thing of the past and the few that still remain are poor in quality. Maud Dean seems to wilt right down as soon as it is cut, and there are few yellows that are of any use at all. Eaton is the best mum now on the market. Pompon mums, which were so popular this fall, have been cleaned up entirely; nevertheless, patrons are still clamoring for them and there is nothing to take their place.

Cold, crisp but cloudy weather made Thanksgiving trade good in general and all the florists had their share of the business. Cut flowers seemed more in demand than flowering plants this year, although there were a great many begonias, Jerusalem cherries, primroses and cyclamens sold. Beauties were scarce and fortunately there was little demand for them because the cheapest sold for $8 per dozen. Richmonds were in excellent condition and brought a good price. The favorite Thanksgiving roses were Killarney and Taft and there were great quantities of them to be had. Ward roses are in great demand now, but they are not at all plentiful and are falling off in the supply each week. Maryland is good. White Killarney is still par excellence in quality and a great favorite. Kaiserin has dropped out of the list entirely. Enchantress, Perfection and reds are



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most in demand among carnations. Stevia is on the market, but not in any great quantity, and it seems much later this year than usual. Roman hyacinths are arriving in small quantities. Paper Whites do not meet with any great demand. Harrisii lilies are few nowadays and the price is up. Violets brought a good price for Thanksgiving. Cattleyas and cypripediums are in demand and sell at fancy prices. Valley and bouvardias are in fine shape and the demand is good.

Holly, winter berries, mahonia and boxwood sprays are used for decorations of all kinds. Christmas decorations are going up in the stores and holiday orders are being placed even now.

Various Notes.

George B. Hart did a big business for Thanksgiving and had little stock left over. He is receiving his holly and Christmas greens early this year.

H. E. Wilson has a handsome new sign.

At the west side store of Salter Bros. it is reported that they did more business this Thanksgiving than last, and with additional funeral work they were completely cleaned out of stock December 1.

W. A. Stearns, of the Sefton Mfg. Co., was in town recently stocking up the florists with corrugated paper boxes.

J. B. Keller Sons say trade for Thanksgiving was good, and they were pretty well sold out.

The Rochester Floral Co. announces an increase in trade for the close of November.

E. C. Campbell's store did a fairly good business for Thanksgiving. Manager Alberts says that chrysanthemums were poor this year.

A fine latticework in white forms the background for a begonia display in George Boucher's window. The pink and white effect is most pleasing and artistic. Thanksgiving trade here was about the same as last year.

Ransford Wilson is suffering with a carbuncle on his neck.

At Salter Bros.' East Main street store, trade last month was about the same as other years, they report.

The New York State Fruit Growers' Association will hold its convention here January 3 to 5. E. C. A.

Charles City, Ia.—M. H. Wetherbee recently completed two new houses and has planted one of them with carnations and the other with roses.

Want and For Sale Department

Advertisements under this head 10 cents per line, cash with order from all who do not do other advertising. In sending remittance count seven words to the line.
Display advertisements in this department $1.30 for one inch space.
When answers are to be sent in our care, add 10 cents for forwarding.
Plant advertisements not admitted under this head.

SITUATION WANTED—By young Irishman, 11 years' experience in garden and greenhouse work; good references. Daniel O'Connell, Berlin, N. H.

SITUATION WANTED—As helper in retail store or wholesale house; first-class references; Chicago preferred. Address No. **175**, care Florists' Review, Chicago.

SITUATION WANTED—By a single, sober, up-to-date grower of all kinds of cut flowers, bedding plants and bulbs; also good designer. Address No. **187**, care Florists' Review, Chicago.

SITUATION WANTED—By all-round florist of 20 years' experience, cut flowers, general line of pot plants and bulbs; eastern states preferred. Address No. **179**, care Florists' Review, Chicago.

SITUATION WANTED—On private or commercial place; have experience in greenhouse work and also in landscape gardening; have had 30 years' experience. F. Pira, care Fred Pira, 1148 W. Madison St., Chicago.

SITUATION WANTED—By first-class grower of all-round greenhouse stuff, also good designer; married, age 33; have the best of references; 16 years' experience. Address M. G., care S. Balko, 2478 W. 7th, Cleveland, O.

SITUATION WANTED—By assistant florist, young man, German, single; private or commercial; experience in growing cut flowers, pot plants, etc., in fact, general greenhouse work; willing worker and a hustler. John Pauckner, care George Pauckner, Waverly, Iowa.

SITUATION WANTED—By A1 rose grower (teas, tea hybrids and Beauties) to take charge of large section or range; also competent in other cut flowers and choice pot plants; German, single, 27 years old; please state wages. Address No. **185**, care Florists' Review, Chicago.

SITUATION WANTED—By young man, competent designer, decorator and salesman, with greenhouse experience, accustomed to high class trade; desire to locate where ability, sobriety and honesty will prove an asset; references on request. Address No. **186**, care Florists' Review, Chicago.

SITUATION WANTED—By expert propagator and grower of cut flowers and plant stocks; can handle help and take full charge; first-class designer; American, single, age thirty; total abstainer, highly recommended; please state wages. Address R. Klag, Frederic Hotel, Minneapolis, Minn.

SITUATION WANTED—By experienced all-round florist; have produced first-class goods, can handle help and have thorough knowledge of all work connected with the business; am a young man with energy, abstainer; can furnish references; willing to go east. Address Thomas Biornstad, Ontario, Oregon.

SITUATION WANTED—By first-class florist and gardener, good grower of all kinds pot and bedding plants and cut flowers; can do designing, life experience; can take charge of any private or commercial place; reliable worker, sober, middle-aged, German. Address No. **183**, care Florists' Review, Chicago.

WANTED—Small retail place; eastern states; rent or buy; January 1st. Address No. **176**, care Florists' Review, Chicago.

WANTED—Delivery wagon for retail store; must be in A No. 1 condition. Address No. **178**, care Florists' Review, Chicago.

WANTED—A party to take a half interest in a thriving florist's business of eight or ten thousand dollars in a city of eight thousand, situated near Chicago; a rare opportunity. Address No. **180**, care Florists' Review, Chicago.

HELP WANTED—A first-class florist, especially good in growing roses; wages, $70.00 per month; references. Simanton & Pence, Falls City, Neb.

HELP WANTED—Young man who has had some experience in the handling and packing of flowers. Address No. **173**, care Florists' Review, Chicago.

HELP WANTED—Thoroughly competent florist and designer, must be able to grow all kinds of stock and to be strictly sober and honest. Address No. **181**, care Florists' Review, Chicago.

HELP WANTED—Good grower of cut flowers, pot plants and general bedding stock; in the middle west, retail place of 18,000 ft. of glass; must be temperate, honest, and a good worker; send references and state wages in first letter. Address No. **184**, care Florists' Review, Chicago.

HELP WANTED—Thoroughly all-round grower and designer; must be strictly sober and honest; roses, carnations, mums, bedding and bulbous stock; to one fully competent we have a good opening; state age, married or single, wages expected and copy of references, in first letter. Address No. **182**, care Florists' Review, Chicago.

HELP WANTED—At once, two single young men, for different stores; must be able to do design work, keep an accurate account of all sales and expenditures, grow bulbs, pot stuff; small greenhouse attached; none but reliable men wanted; salary first year, $10.00 per week, laundry and room; second year, $12.00. T. L. Metcalfe, Hopkinsville, Ky.

FOR SALE—5 greenhouses, the best money-maker in the west. Amarillo Greenhouses, Amarillo, Tex.

FOR SALE—Nicholson's Dictionary of Gardening, in good condition; price, $10.00. Ed. Raska, 17 Wallace Pl., Newark, N. J.

FOR SALE—A live established florist business; investigate this fine opportunity. Address No. **174**, care Florists' Review, Chicago.

FOR SALE—Set of McCaslin cement bench forms, good as new; price, $25; if in doubt, write. Hill City Greenhouses, Forest City, Iowa.

FOR SALE—Well stocked greenhouse, 7000 sq. ft. of glass, steam heat, city water, in town of 5000, in good condition; good local and outside trade; wish to retire. Address Louis Schellhaas, Miamisburg, Ohio.

FOR SALE—One Hitchings tubular sectional hot water heater No. 332; will heat 2000 feet 2-in. pipe or 3600 sq. ft. glass; $40.00 F. O. B. here. Edwards Floral Hall Co., 1716 Pacific Ave., Atlantic City, N. J.

FOR SALE—A Wilks boiler, 20x42-inch, used one season, $25.00; also 270 feet of 3-inch pipe (boiler flue), $15.00; a windmill (Chicago Aermotor), 10-foot wheel on a 40-foot galv. steel tower, used two seasons, $30.00. J. A. Wibe, Hillsboro, Ill.

FOR SALE—A good live business and stock in an up-to-date lively factory town of 6000; will lease modern residence, greenhouses and land for a term of years; only those who mean business need to reply; southern Michigan. Address No. **134**, care Florists' Review, Chicago.

FOR SALE—2 greenhouses, 6000 ft. glass, 12 acres land, 7-room dwelling; all inside city limits, pop. 6000; all in good repair and planted for winter trade; no competition, good retail trade; price $7500, ⅓ cash. For particulars address Willmar Greenhouse, Willmar, Minn.

FOR SALE—The long established florist business of John E. Haines, Bethlehem, Pa., recently deceased; 24,000 feet of glass; the business is now successfully and profitably conducted by his executor, but must be sold to carry out the provisions of his will. L. F. Leibfried, Executor, Estate of John E. Haines, dec., Bethlehem, Pa.

FOR SALE—One-half interest, or will sell my whole equipment of three greenhouses, one dwelling, large cellar, work rooms and barn; heated by steam; we want a manager who is experienced and can take entire charge; city about 9000 pop.; the only growers here; have been established three years; good trade built up; a good opportunity for the right one. Overland Gardens, Laramie, Wyo.

FOR SALE—Well established florist business in town of 10,000, with good resort trade; 9,000 ft. of glass in two modern King Construction Co. houses; Kroeschell hot water boiler; well stocked for winter and in good shape; we operate a store in a good location downtown, which we will rent if desired; greenhouse plant, with lease on land, $5,000; will also sell residence and land, if desired; write for details and a photo of plant, or call and investigate for yourself. The Flower Shop, Chas. S. Dutton, 24 W. 8th St., Holland, Mich.

Cash For Your Property or Business. I bring buyer and seller together, no matter where located. If you want to buy or sell, address FRANK P. CLEVELAND, 2780 Adams Express Building, Chicago, Ill.

WANTED
A GOOD GROWER
of roses, carnations and plants in general; middle-aged man preferred; must be sober, steady. Give references and wages wanted.
C. C. WONNEMAN, The Florist, Mexico, Mo.

Nursery for Sale
The old, well-established "Oak Grove Nursery," for years conducted by William B. Reed at Chambersburg, Pa. Seven greenhouses 18x130 ft. each, steam-heated, with about 20,000 2 and 3-yr.-old roses. Inquire of
JOHN M. McDOWELL, Executor
Chambersburg, Pa.

BARGAINS in Return Steam Traps, Reducing Valves, Blow-Off Valves, Water Circulators
ROBERT ROSS JONES & BRO.
HARRISBURG, PA.

FOR SALE--NURSERY--Established 20 Years
Close in to the city of Los Angeles, 4 acres, greenhouses, lath houses, etc.; well stocked with Adiantum, also the celebrated Adiantum Roeddeii. Reason for selling, death of Mr. A. Roedder. This place can be bought outright, or will sell stock and good will, with a long lease on the land. Address
MRS. A. ROEDDER, : : : : R. R. 8, LOS ANGELES, CAL.

BEST FRENCH SEED.

Radish, Scarlet Globe; Self-Blanching Celery; Lettuce, Improved Big Boston (quality extra), Black Seed Big Boston, Beaulieu's Forcing, 45 head fill up a barrel; Beaulieu's Globe White Tipped Forcing (½ pink, ½ white) new radish; White Tipped Scarlet turnip; Beet, Detroit, Crosby; long smooth parsley, large rooted, extra; Spinach, Savoy, Viroflay, Triumph, etc.; Endive, Curled and Escarolle. All this has been selected by myself and is the quality as used by the market gardeners of Paris. Send for prices.

BEAULIEU,
Woodhaven, Borough of Queens, New York.



Watch for our Trade Mark stamped on every brick of Lambert's

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

P. C.
Trade Mark.

American Spawn Co., St. Paul, Minn.

Mention The Review when you write.

Vegetable Forcing.

SLOW GROWTH OF PARSLEY.

Please note the enclosed parsley plants. The seed was sown June 20 and they were transplanted in July into flats. In September the plants in part of a house were benched out and some were potted into 2½-inch and 3-inch pots. The same soil was used for both. It was old carnation soil, which had been out in the field over two years. It produced good carnations and is producing good lettuce now, but the parsley plants do not seem to grow. Can you discover from the sample plants what the reason is?

C. O. H.

The samples arrived in good condition and I see no sign of disease or insects on them. In fact, I am unable to find anything wrong with the plants; they look like nice, healthy little plants. I have been wondering whether the plants in the pots acted differently from those planted out in the bed. If your soil was clean and fresh from the field and was growing good lettuce, it should grow parsley well, and, although parsley grows slowly, it should be larger than the samples.

I would advise keeping the soil well cultivated between the plants until they get to growing better. Water carefully, giving them plenty, but not too much. A watering with good liquid manure, or with a solution of nitrate of soda, would help them if the soil lacks sufficient plant food. In applying the nitrate, use only a teaspoonful to each gallon of water and do not wet the leaves. In using manure water, make it good and strong.

H. G.

MIDDLETOWN, N. Y.

F. X. Dienst had a record breaker for the season in an order for funeral work which called for fifty-nine pieces and taxed his force heavily, but every piece was delivered on time. Some beautiful effects were made, especially a broken wheel on a base, the whole standing over seven feet high and composed of mums, valley and roses. The sum of $75 was willingly paid for this work of art. Another creation was a standing cross composed of Richmond roses and valley. The new fireproof office is quite an addition and is much admired.

E. A. Lorentz reports a highly satisfactory season. Not a mum went to waste and all were sold at retail. Vivi- and Morel was grown to a single bud, producing blooms that averaged fifteen inches across. Foreman John Doughty believes this is a good record and it is possible that, with such material, a show will be held next season. Vallis is another leader. Roses and carnations look fine, with promise of heavy crops for Christmas.

J. P. Louch is making good at the Taylor plant. Bulbous stock is his specialty and is disposed of in New York city.

M.

NEW CASTLE, IND.

Peter Weiland has opened a wholesale store in Cincinnati.

Under the management of William Gardner, the large establishment of P. J. Olinger is in fine condition.

Beatty & Morris, confectioners and booksellers, have secured the uptown agency for F. J. Benthey & Co.

William Dittmann has a fine stock of American Beauties at present. The flowers are not only setting nicely, but the plants are free from spot.

William Berneche has taken charge of the packing and retail departments of the South Park Floral Co. He is a good salesman and an expert designer, and in his new venture he has the best wishes of his many friends.

J. McL.

Holyoke, Mass.—Mrs. A. S. Fraleigh had a heavy Thanksgiving trade and her stock of violets was not nearly sufficient to meet the demand. She is now getting them into fine condition for the Christmas holidays.

Livingston's Superior Strains of

Forcing Radishes

are developed through careful selection by the best growers of France.

Seeds are grown from **transplanted** roots which are critically sorted by men who know types required for greenhouse growing. Uniform size and shape, brilliant color of skin, small tops and quick growth are the characteristics that make our forcing strains of radishes so profitable to the grower. Test the truth of our statements by sowing **now** sorts offered below:

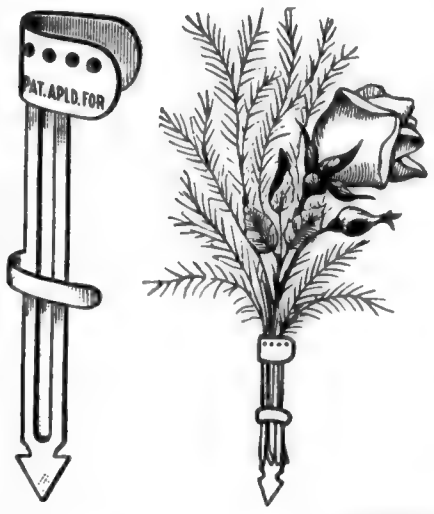
Rosy Gem produces shapely roots of typical size and attractive appearance. It grows quickly to good size, is easily bunched and sells readily at fancy prices. **Oz., 5c; ¼-lb., 15c; lb., 60c, postpaid.**

Fireball or Non Plus Ultra is the earliest, rich scarlet forcing sort in cultivation. Earlier than Scarlet Globe, with very small foliage. (See illustration). **Oz., 5c; ¼-lb., 15c; lb., 60c, postpaid.**

Write now for Wholesale Catalogue—Ready Dec. 10th.

The Livingston Seed Co., Desk R, COLUMBUS, O.





BEHRE'S IMPROVED MODEL

STEM-ER

Patent applied for.

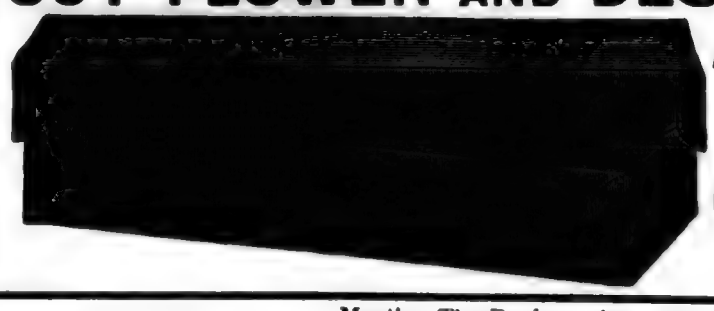
A time-saver to the extent of lessening over 50% of the labor, together with the grace in which the leaves and flowers can be set by the firm hold the Stemmer has upon them, **making them an article of perfection.** They are now being used by leading designers.

Prices: From 1000 to 5000 at 75c per 1000; 10,000 lots at 70c; 25,000 lots and over at 65c. At your dealer's or direct from the factory.

E. H. BEHRE, Madison, N. J.

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CUT FLOWER AND DESIGN BOXES



All Sizes—Lowest Prices

WRITE US

C. C. Pollworth Co.

MILWAUKEE, WIS.

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CUT FLOWER BOXES

and FIBER SHIPPING CASES

It will pay you to get our samples and prices before ordering.

THE J. E. SMITH CO.

6-8-10-12 N. Central Ave., Baltimore, Md.

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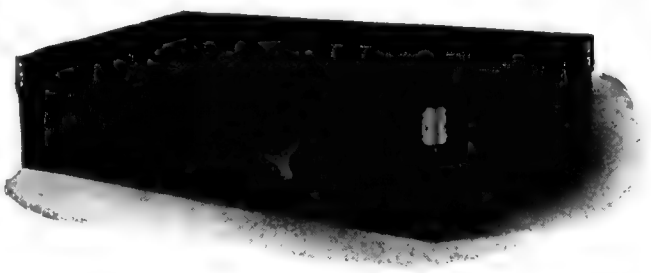


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CORRUGATED DESIGN STYLE AND FOLDING CUT FLOWER BOXES

Florists' success in shipping flowers depends to the greatest extent upon the point where their interest ceases in the sale of flowers. The progressive, prosperous florist retains his interest in a customer's order until it reaches destination, and for that reason he is careful to select the proper style and grade of box to insure safe delivery of his flowers.

Particular Florists are users of **Sefton Corrugated Fibreboard Boxes** for the shipment of Floral Designs as well as our superior line of **Folding Cut Flower Boxes.** They know from experience that Sefton Boxes combine high quality with low price and make neat, attractive packages which carry the flowers safely to destination. **Write for our Flower Box Price List.**



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FACTORIES: CHICAGO, ILL. ANDERSON, IND. BROOKLYN, N. Y.



Order Boxes Now

for your Holiday Trade. They will pay for themselves in saving of time and material, and your shipments will be delivered to your customers in perfect condition.

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are our constant aim. Made to your special order—any size, shape or design, lined or unlined. Ask for particulars today.

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CUT FLOWER BOXES

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H. & D. FLORISTS' BOX

Universally used for shipping cut flowers and designs. The dead-air cells form a perfect non-conductor of heat and cold, thus preserving contents much longer than ordinary wood box.

H. & D. Florists' Box can be used several times. Is much lighter than the ordinary box, thus saving in express charges.

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"HOW TO PACK IT"

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WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$1.90 per 100
No. 1	3x4½x16	1.75 per 100
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No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x26	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x20	6.25 per 100
No. 11	3½x5x30	8.25 per 100
No. 12	6x12x39 (telescope)	10.00 per 100
No. 13	5x10x30	5.50 per 100
No. 14	6x16x39	10.00 per 100

This list will cancel all former lists.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

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CLIMAX CLASSY CUT FLOWER BOXES

Five Grades—Oxford Gray, Mist Green, Nonpareil Green, White Carnation and our popular "Favorite Grade"—the latter a heavy, full telescope shipping box. All popular sizes in stock for immediate shipment. Before placing order, it will pay you to write for prices and samples. Address

THE CLIMAX MANUFACTURING CO.
200 Factory St., CASTORLAND, N. Y.

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EDWARD REID Choice Jeanne Nonin Mums, Beauties, Orchids, Valley and all seasonable varieties of Cut Flowers of Reid Brand.
WHOLESALE FLORIST 1619-21 Ranstead St., Philadelphia, Pa.

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Wholesale Cut Flower Prices.

Philadelphia, Dec. 6, 1911.

	Per doz.
Beauty, Specials	$5.00 @ $6.00
" Extra	4.00
" Medium	2.50 @ 3.00
" Short	1.50 @ 2.00
	Per 100
The Killarneys, Fancy	$ 8.00 @ $12.00
" Select	5.00 @ 6.00
" Ordinary	3.00 @ 4.00
My Maryland, Bride, Richmond—Fancy	8.00 @ 12.00
Select	5.00 @ 6.00
Ordinary	3.00 @ 4.00
Melody	3.00 @ 8.00
Carnations, Fancy	6.00
" Select	4.00 @ 5.00
" Ordinary	2.00 @ 3.00
Cattleyas ...per doz., $7.50 @ $9 00	
Dendrobium.....per doz., 5.00	
Oncidiums	5.00
Vandas	20.00
Cypripediums	15.00
Gardenias.. per doz., $2.00 @ $4 00	
Easter Lilies.per doz., 1.00 @ 1 20	
Callas.....per doz., 1.00	
Valley	3.00 @ 4.00
Sweet Peas	.50 @ 1.00
Chrysanthemums .....doz.	
" fancy..$2 50 @ $3.00	
" select.. 1.50 @ 2 00	
" ordinary .75 @ 1.00	
" Pompons, per bunch, 35c @ 50c	
Violets, single, fancy	1.00 @ 1 25
" ordinary	.40 @ .75
" double, fancy	1.50
" ordinary	.75 @ 1.00
Daisies	.75 @ 1 00
Bouvardia	3.00 @ 4.00
Snapdragon	2.00 @ 4.00
Pansies	.50
Lilacs.....per bunch, $1.00	
Stevia	1 00
Paper Whites	3.00
Romans	2.00 @ 3.00
Mignonette	4 00 @ 6.00

Pittsburgh, Dec. 6, 1911.

	Per doz.
Beauty, Specials	$5.00
" Fancy	4.00
" Medium	$2.00 @ 3.00
" Short	1.00 @ 1.50
	Per 100
Killarney	$ 4.00 @ $12.00
White Killarney	4.00 @ 12.00
Richmond	4.00 @ 12.00
My Maryland	4.00 @ 10.00
Carnations	2 00 @ 4.00
Cattleyas	75.00
Oncidiums	3 00 @ 4.00
Valley	8.00 @ 4.00
Lilies	10.00 @ 12 00
Violets, double	.75 @ 1.25
Daisies	1.00 @ 1.50
Romans	1.00 @ 4.00
Paper Whites	3.00 @ 4.00
Stevia	1.00 @ 2.00
Sweet Peas	1.00 @ 2.00
Lilac....per bunch, $1.00 @ $1.50	
Baby Primroses	.50

Buffalo, Dec. 6, 1911.

	Per 100
Beauty, Specials	$40.00 @ $50.00
" Fancy	30.00 @ 35.00
" Extra	20.00 @ 30.00
" Firsts	10.00 @ 12.00
" Shorts	4.00 @ 6.00
Bon Silene	3.00 @ 4.00
Bride and Maid	3.00 @ 8.00
Killarney	3.00 @ 10.00
White Killarney	3.00 @ 10.00
Richmond	4.00 @ 10.00
Maryland	4.00 @ 8.00
Carnations	2.00 @ 3.50
Lily of the Valley	3.00 @ 4.00
Longiflorums	10.00 @ 12.00
Chrysanthemums	6.00 @ 20.00
Violets	.75 @ 1.00
Mignonette	3.00 @ 4.00
Sweet Peas	.60 @ .75
Paper Whites	3.00
Romans	3.00
Stevia	1.00 @ 1.25
Callas	8.00 @ 10.00

WELCH BROS., 226 Devonshire Street, Boston
The Largest Wholesale House in America
Orchids :: American Beauties :: Gardenias :: Other Seasonable Flowers

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WILLIAM J. BAKER, Wholesale Florist... 1438 South Penn Square, PHILADELPHIA, PA.
Sweet Peas, Fine Quality Carnations
Mention The Review when you write.

SNAPDRAGONS AND SWEET PEAS
Eugene Bernheimer, 11 S. 16th St., PHILADELPHIA, PA.
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FINE BONNAFFON, POMPONS, CARNATIONS.
Samuel F. Lilley, WHOLESALE FLORIST
A good market for more Choice Flowers
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WHOLESALER OF CUT FLOWERS and FLORISTS' SUPPLIES
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J. Kopelman
Wholesale and Commission Florist
25 Washington St., Providence, R. I.
GREENHOUSES, OAKLAWN, R. I.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Boston, Dec. 6, 1911.

	Per 100
Beauty, Specials	$25.00 @ $35.00
" Extra	10.00 @ 15.00
" Short Stems	3.00 @ 8.00
Killarney	3.00 @ 12.00
White Killarney	3.00 @ 12.00
My Maryland	3.00 @ 8.00
Mrs. Aaron Ward	2.00 @ 10.00
Lady Hillingdon	2.00 @ 10.00
Richmond, Rhea Reid	3.00 @ 12.00
Carnations	2.00 @ 5.00
Cattleyas	40.00 @ 50.00
Cypripediums	8.00 @ 10.00
Pansies	.50 @ 1.00
Lily of the Valley	1.50 @ 3.00
Lilium Longiflorum	10.00 @ 12.00
Gardenias	4.00 @ 12.00
Chrysanthemums	4.00 @ 20.00
Violets, single	1.00 @ 1.50
" double	1.00 @ 1.25
Sweet Peas	.50 @ 1.00
Antirrhinums	3.00 @ 6.00
Marguerites	1.00 @ 2.00
Paper White Narcissi	1 00 @ 2.00
Roman Hyacinths	1.00 @ 2.00

The Munk Floral Co.
Wholesale Growers of
CUT FLOWERS
and Jobbers of
FLORISTS' SUPPLIES
Columbus, : Ohio
Mention The Review when you write

Wm. C. Smith
Wholesale Floral Co.
Wholesale Florists
1316 Pine St., Both L. D. Phones, ST. LOUIS
Supplies and Everything in Season always on hand.

H. G. BERNING
WHOLESALE FLORIST
1402 Pine Street
ST. LOUIS, MO.
Mention The Review when you write.

C. A. KUEHN, Wholesale Florist
Cut Flowers and Florists' Supplies
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of SUPPLIES always on hand. Write for catalogue and prices.
1122 Pine Street, ST. LOUIS, MO.
Mention The Review when you write.

Velvet Poinsettias
Perfect color and flower 8-in. across, finest quality, green foliage and stem 16 in. to 18-in. long. (Sample prepaid, 20c each). 4 doz. and over, $1.75 per doz.; 6 doz. and over, $1.65 per doz.; 12 doz. and over, $1.50 per doz. Special prices on larger quantities.
GEO. H. ANGERMUELLER, Wholesale Florist,
1324 Pine St., ST. LOUIS, MO.
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Roses .·. Beauties .·. Mums .·. Pompons .·. Orchids .·. Valley .·. Violets
Carnations .·. Lilies .·. Daisies .·. Boxwood .·. Sheet Moss
PITTSBURGH CUT FLOWER COMPANY
Wholesale Growers 121 Seventh St., Pittsburgh, Pa.

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Wholesale Cut Flower Prices.

Chicago, Dec. 6, 1911.

	Per doz.
Beauty, long stems	$6.00
" 36-in. "	5.00
" 30-in. "	4.00
" 24-in. "	3.00
" 20-in. "	2.50
" 15-in. "	2.00
" 12-in. "	1.50
" short "	1.00

	Per 100
Killarney	$4.00 @ $12.00
White Killarney	4.00 @ 12.00
Richmond	4.00 @ 12.00
My Maryland	4.00 @ 12.00
Mrs. Jardine	4.00 @ 8.00
Rhea Reid	4.00 @ 10.00
Mrs. Aaron Ward	4.00 @ 15.00
Prince de Bulgarie	4.00 @ 15.00
Melody	4.00 @ 10.00
Carnations	2.00 @ 4.00
Valley	3.00 @ 5.00
Easter Lilies	12.50
Cattleyas...per doz., $6.00 @ $12.00	
Violets	.75 @ 1.25
Sweet Peas	.75 @ 1.50
Paper Whites	2.00 @ 3.00
Romans	3.00
Mignonette	6.00 @ 8.00
Bouvardia	6.00 @ 8.00
Stevia	1.50

St. Louis, Dec. 6, 1911.

	Per doz.
Beauty, Specials	$5.00 @ $6.00
" Extra	3.00 @ 4.00
" Shorts	.75 @ 2.00

	Per 100
Bride, Maid and Cochet	$ 4.00 @ $ 8.00
Richmond	4.00 @ 8.00
Maryland	4.00 @ 8.00
White Killarney	4.00 @ 8.00
Killarney	4.00 @ 8.00
Carnations	2.00 @ 4.00
Lily of the Valley	3.00 @ 4.00
Harrisii	10.00 @ 12.50
Chrysanthemums..doz., $1.50-$3.00	
Orchids.....doz., $5.00 @ 6.00	
Violets	.25 @ .75
Paper Whites	3.00 @ 4.00

Cincinnati, Dec. 6, 1911.

	Per doz.
Beauty, Extra	$3.00 @ $6.00
" No. 1	3.00
" No. 2	1.00 @ 1.50

	Per 100
Killarney	$ 4.00 @ $ 6.00
Richmond	4.00 @ 6.00
Bride	4.00 @ 6.00
Carnations	2.00 @ 3.00
Lilium Harrisii	10.00 @ 15.00
Lily of the Valley	3.00 @ 4.00
Cattleyas	60.00
Mums.....per doz., $1.50 @ $2.00	
Violets	.50 @ 1.00
Narcissi	3.00

Milwaukee, Dec. 6, 1911.

	Per doz.
Beauty, Long	$5.00 @ $6.00
" Medium	3.00 @ 4.00
" Short	1.50 @ 3.00

	Per 100
Richmond	$ 3.00 @ $10.00
Killarney	3.00 @ 12.00
White Killarney	3.00 @ 10.00
Carnations	1.50 @ 4.00
Valley	3.00 @ 4.00
Lilies	10.00 @ 12.50
Chrysanthemums, doz., $0.75-$3.00	
Violets	1.00 @ 1.50
Snapdragon .....bunch, 35c @ 75c	
Paper Whites	3.00
Stevia	1.50 @ 2.00

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J. A. BUDLONG
82-86 E. Randolph Street, CHICAGO.
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Store, 162 N. Wabash Avenue, Chicago
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55-57 W. 26th St., NEW YORK CITY
Telephone 756 Madison Square

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Plants and Cut Fowers of every variety.
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Ready for delivery **now.** Price, 2½-in. pots, $25.00 per 100; $200.00 per 1000.
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Write for our special Catalogue.
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All colors. Wired ready for use, waterproof, more advantageous than natural Capes. Samples on request. Also a full line of Crepe Roses, Chrysanthemums, Callas, Easter Lilies, Orchids, Acacias, Violets, Sweet Peas, Valley, Carnations, etc., natural prepared Adiantum, Sea Moss, Metal Wreaths, Crosses, etc., and everything in the Florists' Supply Line.
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Telephone Lenox 5644
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We manufacture all our Metal Designs, Baskets, Wire Work and Novelties.

We Are 'Way Ahead
of last year in the volume of our **collection business;** but we can do still more. Do not wait, but send us all your back accounts now. Rates and methods on application.
NATIONAL FLORISTS' BOARD OF TRADE
56 Pine St., NEW YORK
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Wholesale Cut Flower Prices.

New York, Dec. 4, 1911.

	Per 100
Beauty, Specials	$40.00 @ $60.00
" Fancy	35.00 @ 40.00
" Extra	15.00 @ 25.00
" No. 1	5.00 @ 10.00
" No. 2	2.00 @ 4.00
Bride and Maid	1.00 @ 6.00
Killarney	2.00 @ 8.00
My Maryland	2.00 @ 8.00
Richmond	2.00 @ 10.00
Chatenay	2.00 @ 12.00
Orchids	50.00 @ 75.00
Cypripediums	10.00 @ 12.00
Carnations	2.00 @ 5.00
Easter Lilies	5.00 @ 6.00
Lily of the Valley	2.00 @ 8.00
Gardenias...per doz., $1.00 @ $4.00	
Violets	.50 @ 1.00
Daisies	.50 @ 2.00
Chrysanthemums	3.00 @ 35.00
Sweet Peas, doz. bches.,	$0.75-$1.00
Narcissi .....bunch,	.20- .25
Callas.....per doz.,	1.00- 1.25
Lilac .....per bunch,	1.00- 1.25
Mignonette...per doz.,	.25- .75
Stevia .....per bunch,	.15- .25

RICE BROTHERS
Wholesalers of Cut Flowers and Florists' Supplies
MINNEAPOLIS, - MINN.
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55 and 57 W. 26th St., NEW YORK CITY
Phones 4620, 4621 Madison Square
VIOLETS Roses and Carnations
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55 and 57 W. 26th Street, Cut Flower Exchange, NEW YORK
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An Unexcelled Outlet for CONSIGNED FLOWERS
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270 Pearl St., BROOKLYN, N. Y.
Wild Smilax, Galax, Ferns, Palm Leaves, etc.
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Poinsettias for the Holidays

Get your order in early for Extra fine plants and Superb Cut Poinsettias. We have also a fine assortment of All Cut Flowers, Roses, Carnations, Orchids, Valley, Violets, Narcissus, Hyacinths, etc. Established 1887. Oldest Reliable Cut Flower Business in New York. Open every morning at 6 o'clock.

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Most convenient store for customers in the city. Tel. 7062 Madison.

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Fancy and Dagger Ferns, Galax, Brown and Green

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All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Greens. Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

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Green and Bronze Galax Leaves.

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Dealers in Florists' Supplies

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Room for the products of growers of first-class stock. We have what you want when you want it.

28 Willoughby St., Brooklyn, N. Y.

TEL. 4591 MAIN

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Detroit Cut Flower Supply House

Wholesale Commission Florist H. V. PEARCE, Pres.

6 Adams Ave. W., Detroit, Mich.

Consignments solicited

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George Saltford

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129 West 28th Street, New York City

Tel. No. [illegible] Madison Sq.

We have room for a few more good growers. Prompt payments and top prices.

Mention The Review when you write.

HERE IS WHERE WE GROW

In the foreground is "Plant B," devoted entirely to po on the left, coming just right for Christmas. House after hou

AZALEAS

Hexe, bright red, at 75 cents. This is the only color in this size. At $1.00 we can supply bright red or deep pink. In larger sizes, at $1.25, $1.75, $2.25 and $3.50, we can supply bright red, deep pink, white and variegated (pink and white).

Primula Obconica

This is a strain that we think can not be excelled, as we have for several years been working to get rid of the magenta shades.

We recently advertised that many of these individual flowers were as large as a silver dollar and our grower got indignant over it, saying that many of them were much larger. It is hard to please everyone.

4-in., 15c; 5-in., 25c; 6-in., 50c.



Retailers in all the section west of the Missouri River can be better served rate $4.25; Fort Worth in 33 hours, rate $3.00; El Paso in 31 hours, rate $3.00; K these rates and our low prices for the best stock obtainable and do some figuring. do send us an order, we have both made a permanent business connection.

As for Utah, Idaho and New Mexico, there is no comparison with any other

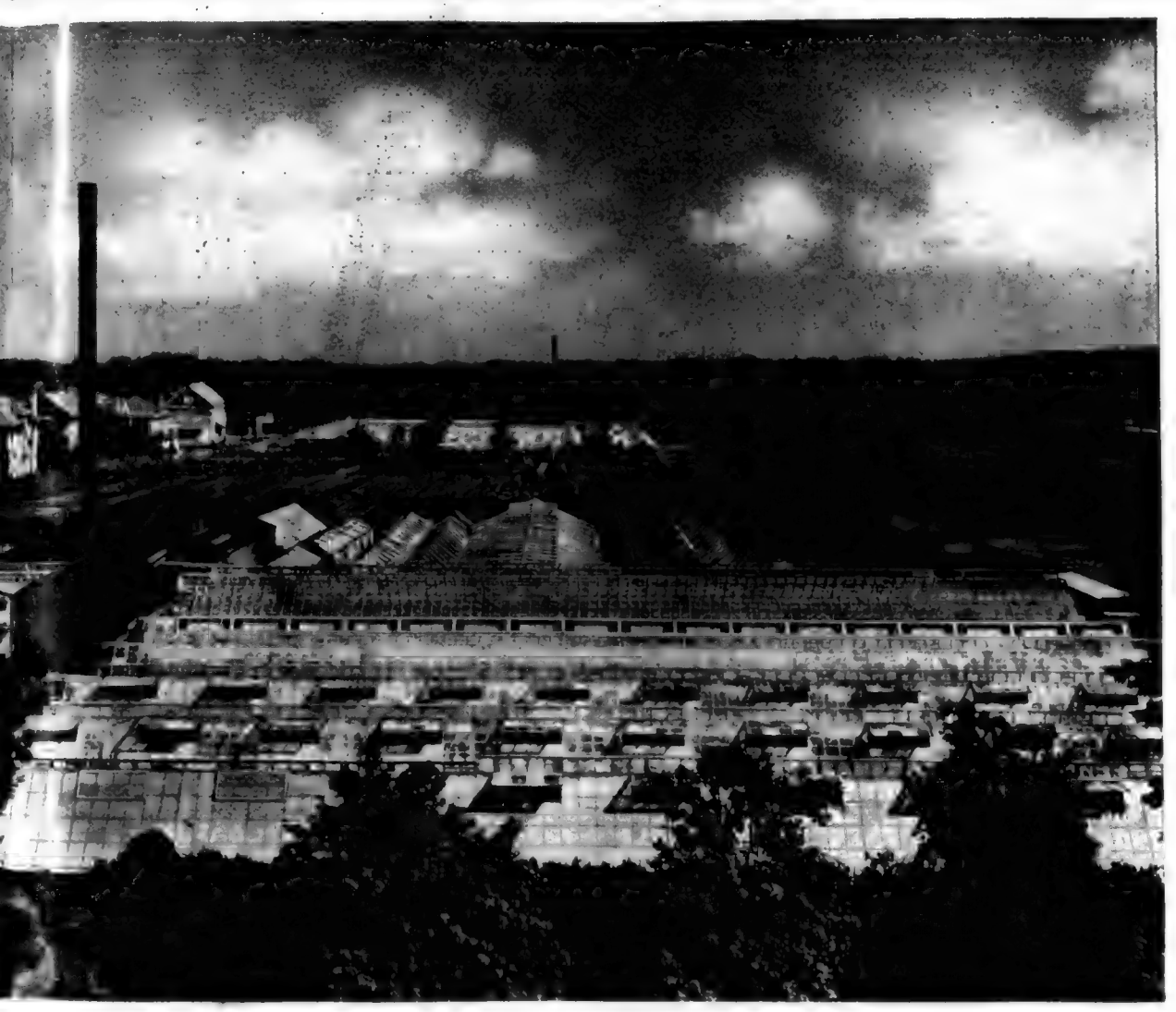
Do not overlook the fact that you can not sell what you haven't got. Sale plants will boost your sales immensely.

Order at once, please—for we have already booked about twice as many orde a favorable rating in Dun or Bradstreet.

THE PARK FLORAL

THOSE MILE HIGH PLANTS!

t plants. Fifteen hundred Azaleas are now in the first house use is filled with Cyclamen and Begonias in prime condition.



BEGONIAS

Gloire de Lorraine—5-in., 50c; 6-in., 75c.

Glory of Cincinnati—4-in., 35c; 5-in., 60c.

CYCLAMEN

"Mile High Strain"—Nothing better to be found in America—4-in., 35c; 5-in., 50c, and 6-in., 75c. You will find the 5-inch size the most satisfactory. The 4-inch are as well done as so small a plant can be, but it takes a 5-inch to produce a really good lot of blooms, and the express on the 5-inch is much less than on the 6, though you can hardly get along without a good proportion of the latter. They are certainly dandies.

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s will be small if your stock is small, but you will find that a good supply of our

ers as at this time last year. Cash with order, unless we know you, or you have

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Spokane, Wash., 817 Riverside Ave.....Hoyt Bros. Co.
Springfield, Mass., 378 Main St.....Aitken, Mark
St. Louis, Mo., 7041 Florissant Ave.....Meinhardt, Fred A.
St. Paul, Minn., 24 W. 5th St.....Holm & Olson
Terre Haute, Ind., 139 S. 7th St.....Heinl, John G. & Son
Toledo, O., 336 Superior.....Freeman, Mrs. J. B.
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Washington, D. C., 14th and G Sts.....Small, J. H. & Sons
Wichita, Kan., 145 N. Main St.....Mueller, Chas. P.

GRAND RAPIDS, MICH.

The Market.

Last month was the worst November in twenty years. There was rain almost every day till November 15, when it froze up tightly, and ever since we have had alternate rain, hard frost and snow flurries. There was a total, for the month, of three sunshiny days, which inspired hope that, after all, we might be blessed with Indian summer, but it did not arrive and last night the temperature dropped to 8 degrees above zero.

Considering the weather, business has been good, Thanksgiving especially so. All report a good trade, especially in chrysanthemums. This has been the best mum season in some years; particularly is this true of the wholesale market, which was never better. This condition can, in a measure, be explained as far as Grand Rapids is concerned, in this way: Last season almost every lettuce grower and truck gardener, with a bit of glass at his disposal, filled his houses with mums for an early fall crop, to be followed with lettuce and vegetables. In this manner hundreds of thousands of mums were dumped on the Chicago market, and while but few were really first-class, the bulk was of average quality and the rest what might be called "bum." This season the huge output is entirely lacking and this certainly lent its share towards producing a better condition of the market. What stock was grown was of a quality above the average and brought good prices. It is altogether likely that there will be much heavier plantings next year, simply because there was good money in mums this season. Pompons and single mums are becoming more plentiful, and, on account of their cheapness and their adaptability for pretty and inexpensive table centerpieces, are yearly growing in favor.

Potted plants sold well, while the queen of autumn, in plentiful supply, led the cut flower sales. Carnations and roses were scarce and everything was cleaned up well. It seems that many varieties of mums were a couple of weeks early this year. As a whole, the sales were about the same as last year and everybody is satisfied.

Various Notes.

Henry Smith states that he got his best money out of Jerome Jones. He has the three varieties, yellow, white and pink.

Eli Cross is enthusiastic over the way his crop paid him—better, he says, than anything he ever grew before.

Freyling & Mendels sent out a postal card to their patrons, in the form of a mum special, winding up with "None better in the city at twice the price." This unique ad brought them many sales.

The mums of the Crabb & Hunter Floral Co. were mostly disposed of before Thanksgiving, and they had to buy to help out. G. F. C.

Channing, Mich.—It is reported that Edward J. Gardner will open a store here before Christmas.



WHAT!
No More Split Carnations?

Not if you use Tank's Artificial Calyx. A sure preventive. Prevention is better than cure! So simple that a boy can put them on and when the bud has reached a certain stage it is taken off and put on another. Does not retard the growth of flower at all. Nothing to wear out. Last forever. A trial will convince.

$20.00 per 1000.

Cash or C. O. D. from unknown parties.

Send $1 for sample of 50 by mail postpaid.

MORTON R. TANK
Chatham, New York

Mention The Review when you write.

Seven Pages of Retailers' Cards

This department for the cards of Leading Retail Florists—those florists who have the facilities for filling the orders sent them by other florists—has made possible the recent rapid development of this branch of the business, a branch of the trade now established for all time and so helpful that its volume will keep on increasing for many years.

Are you sending and receiving your share of these orders? You can send your share (and make 20 per cent profit without effort) if you let your customers know you can perform this service for them. To receive your share—well, The Review's department for Retailers' cards remains the one way of getting prompt action on the order in hand.

To be represented costs only 70 cents per week on a yearly order. This is for one-inch space. Other spaces in proportion.

Why not send your order today—**now**—before you forget it?

LOUISVILLE, KENTUCKY

JACOB SCHULZ, Flower Shop, 550 South Fourth Avenue, Greenhouses, 831 Cherokee Road.

Personal attention given to out-of-town orders for Louisville and surrounding territory. Member Florists' Telegraph Delivery

E. R. FRY, Florist

Rochester, N. Y.

I have constantly on hand a seasonable variety of fresh cut flowers, which I will deliver promptly in Rochester and adjoining towns.

KENOSHA, WIS.

and all points between

CHICAGO AND MILWAUKEE

Mail, wire or phone your orders to

P. N. OBERTIN, 567 Chicago St., KENOSHA, WIS.

Indianapolis, Ind.

241 Massachusetts Ave.

Bertermann Bros. Co.

LEADING FLORISTS

Members Florists' Telegraph Delivery Ass'n.

Lexington, Ky.

JOHN A. KELLER, Florist

High Grade Cut Flowers and Designing : : : :

All orders entrusted to us for Central Kentucky will have careful attention.

Lang Floral & Nursery Co., DALLAS, TEXAS

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

Prompt and personal attention given all orders.

MRS. J. T. HINCHLIFFE

FLORIST

504-506 Wisconsin St., Racine, Wis.

Special care taken with telegraph orders for

DETROIT AND VICINITY

L. Bemb Floral Co., Albert Pochelon, Prop., 153 Bates St.

Chas. W. Crouch, KNOXVILLE, TENN.

The Leading Florist of the South

All Orders Given Special Attention

GEO. C. BAKER, Florist

206 E. Park Ave., San Antonio, Texas

CLARK, FLORIST, SCRANTON, PA. 124 Washington Ave.

Member Florists' Telegraph Delivery. Orders for Northeastern Pennsylvania filled promptly. Usual discount. Both Phones No. 2454.

MILWAUKEE.

The Market.

Last week, which included an extra flower day (Thanksgiving), was good. The amount of business done was fully equal to that of a year previous, but as there was more available stock in nearly all lines, prices were not so stiff. This was especially true of carnations; there also seemed to be more mums, which helped to reduce the sales of other cut flowers. In fact, there were too many white cut flowers for the Thanksgiving trade. Local violets, which are of fine quality, sold well and the same could be said for Beauties, as there was only a sufficient supply.

The supply of green goods is equal to the demand.

Various Notes.

While everyone was enjoying a hearty meal and making the best of the Thanksgiving holiday, Fred W. Bliese, of Waukesha, stole a march on his friends and took unto himself Miss Ella Busse, of Brookfield, Wis., as his better half. Mr. Bliese now is sole proprietor of the former establishment of Schneck & Bliese, Waukesha, Wis.

Another one of our younger generation became a benedict December 3. Hans Schultz, secretary and treasurer of the Fox Point Floral Co., and Miss Grade are the happy couple. The bride is the sister of Otto Grade, who is also a member of the Fox Point Co.

In addition to a most satisfactory Thanksgiving trade, Walter M. Maas & Co. were kept busy the fore part of last week with reception work.

The C. C. Pollworth Co. reports the Thanksgiving trade better than last year. Fancy mums sold well right along with them.

The Gust. Rusch Co. experienced a strong demand for violets and fancy roses all last week.

The John Arnold family is now nicely domiciled in their new home, which has

BUTZ BROS.

Established 1851

New Castle, Pa.

Orders executed between Pittsburg and Erie and all western Pennsylvania points.

Canada's Florist

Dunlop's

96 Yonge St., TORONTO

"WE NEVER SLEEP"

IDLEWILD GREENHOUSES, **Memphis, Tenn.**

89 South Main Street

"Up-to-the-minute" Service and Execution. Every Flower in Season.

WILSON **BROOKLYN** New York

Telephone, 6800 Prospect

Louisville, Ky.

F. WALKER & CO., 634 Fourth Ave.

Pontiac, Ill. W. J. Miller & Son 412 E. Payson St.

All orders receive prompt and personal attention.

LOU HELEN DUNDORE, THE ROSERY

110 W. King St., LANCASTER, PA.

CORNELL and WELLS COLLEGES and

CENTRAL NEW YORK ORDERS

Dobbs & Son, Wholesale and Retail Florists, Auburn, N.Y.

MINNESOTA NORTH DAKOTA MONTANA

SMEDLEY & CO.

Fargo, North Dakota and Miles City, Montana

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Bell Main 2809
Cuy. Central 1866

The Smith & Fetters Co.

LEADING FLORISTS

735 Euclid Ave., CLEVELAND

Samuel Murray

KANSAS CITY, MO.

913 Grand Ave.

All Orders given Prompt and Careful Attention

Member of the Florists' Telegraph Delivery.

Cable and Telegraph, Franzen. Phone Rav. 2876

CHICAGO

FRANZEN

1476-78 SUMMERDALE AVE.

TRENTON, N. J.

MARTIN C. RIBSAM

THE FLORIST

Messenger delivery to Princeton, New Brunswick, Bordentown, Hightstown, Lawrenceville and Lambertville, N. J.

Send Your **PHILADELPHIA** Orders to...

CHARLES HENRY FOX

BROAD AND WALNUT STREETS

Always on time

Rockford, Ill., H. W. Buckbee

S. B. STEWART

119 No. 16th St., OMAHA, NEB.

Wholesale and retail orders for CUT FLOWERS, FUNERAL DESIGNS, etc. by telegraph will receive prompt attention at

IRA G. MARVIN'S, Wilkes-Barre, Pa.

Benson's Flowers

Indianapolis, Ind. DELIVERED ANYWHERE

R. Strohmeier, Aberdeen, S. D.

Prompt Attention Given to Out-of-town Orders

Orders for **Charleston, W. Va.** are given prompt and careful attention by the

CHARLESTON CUT FLOWER AND PLANT CO.

Brockman's Flower Shop **Fort Smith, Ark.**

Leading florists in fastest growing city in the southwest.

ADVANCE FLORAL CO., Five Phones

C. M. Schaefer, Mgr.
Leading Florists
44 TO 52 ARCADE, - - **DAYTON, O.**

J. F. WILCOX & SONS, 521 Broadway, Council Bluffs, Iowa.

Wholesale and Retail

Largest Greenhouse Establishment West of Chicago.

Orders delivered anywhere, including Iowa, Nebraska, North Dakota and South Dakota. Free deliveries to Omaha.

MILLS THE FLORIST, Inc.

36 W. Forsyth Street

Jacksonville, Fla.

We reach all Florida and South Georgia points.

Send flower orders for delivery in

BOSTON AND ALL NEW ENGLAND POINTS

To THOS. F. GALVIN, Inc.

124 TREMONT ST. BOSTON

North Dakota IOWA All Orders Promptly and Properly Executed.



South Dakota MINN. 40,000 feet of Commercial Cut Flowers.

The Newburys, Mitchell, S. D.

Archias Floral Co. SEDALIA, MISSOURI

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

---

been erected directly north of the greenhouses. Mr. Arnold, who was on the sick list with stomach trouble, is again able to be about.

The Holton & Hunkel Co. could not supply the demand for large yellow mums and American Beauties for their Thanksgiving trade. They report an exceptionally brisk call for Pink Killarney all last week.

Everybody was busy when the writer called at the Wm. Zimmermann store Sunday morning. When asked how business kept up they replied: "Very satisfactory indeed."

Charles Burmeister, of the south side, is supplying the local market with sweet peas which are of good quality.

Visitors last week were: Mr. McHutchison, of New York City; A. Hans, of Kuyk, Belgium. E. O.

ST. LOUIS.

The Market.

All through last week the business was reported good from all sections of the city and Thanksgiving day especially, according to the majority of the leading store men, was equal to last year and some say it was even better. All of the west end florists made elegant window displays of fancy mums, violets and carnations. The wholesalers say that they cleaned up pretty well, particularly on fancy stock in all lines. Monday, December 4, the market was

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Established 1859.

A. Wiegand & Sons

Florists and Decorators

1610 to 1620 N. Illinois St., Indianapolis, Ind.

Indiana's oldest, largest and most complete retail establishment.

Oklahoma City, Okla.

THE STILES CO.

Best able to fill orders for delivery in Oklahoma

MEMBERS FLORISTS' TELEGRAPH DELIVERY

Tonseth Floral Co.

325 Morrison Street

GROWERS AND RETAILERS

Portland, Ore.

The Fernery **SCHULTHEIS, FLORIST**

Write, Phone or Wire 612 Linden St., **SCRANTON, PA.**

Orders for southern MINNESOTA and northern IOWA will be properly cared for by

A. N. KINSMAN, Austin, Minn.

INDIANA and ILLINOIS

Promptness and very Freshest Flowers.

H. B. & C. E. STOVER, 118 So. 6th St., TERRE HAUTE, IND.

Frey & Frey, 1338 O St. **Lincoln, Neb.**

Wholesale and Retail

100,000 sq. ft. of glass at your service. Trade discount

Minneapolis, Minn. LEADING FLORISTS

SWANSON'S, 618 Nicollet Ave.

DRUMM SEED and FLORAL CO.

507 Houston St., FORT WORTH, TEX.

Headquarters for Cut Flowers and Funeral Designs

J. J. BENEKE

1216 Olive St. ST. LOUIS, MO.

Baltimore, Md.

ALBERT G. FIEDLER & CO., 902 South Charles St.

I. N. KRAMER & SON

CEDAR RAPIDS, IA.

Colorado Springs, Colo.

Frank F. Crump Wholesale and Retail Florist

Member Florists' Telegraph Delivery.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

LOUISVILLE, KENTUCKY — M. D. REIMERS

New Location, "THE SEELBACK," and 223 S. FOURTH AVENUE

CHOICEST CUT FLOWERS

PERSONAL ATTENTION GIVEN TO OUT-OF-TOWN ORDERS

Orders for
BIRMINGHAM, ALA.
Well taken care of by
AMZI GODDEN SEED CO.
Established 1857.
Facilities for supplying everything in the line of CUT FLOWERS AND DESIGNS

BUFFALO
S. A. ANDERSON
440 MAIN STREET

Special Deliveries Niagara Falls and Lockport

Your orders for ATLANTIC CITY, N. J., will be carefully filled by
George H. Berke
1505 Pacific Ave.
Member Florists' Telegraph Delivery.

Write, Wire or Phone your orders to
YOUNG'S
1406 Olive St., ST. LOUIS, MO.
Regular discount allowed on all orders, either Plants or Cut Flowers.
Phones: Bell, Main 2306; Kinloch, Central 4981

SAN FRANCISCO
Podesta & Baldocchi
224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

The Cleveland Cut Flower Co.
CLEVELAND, OHIO

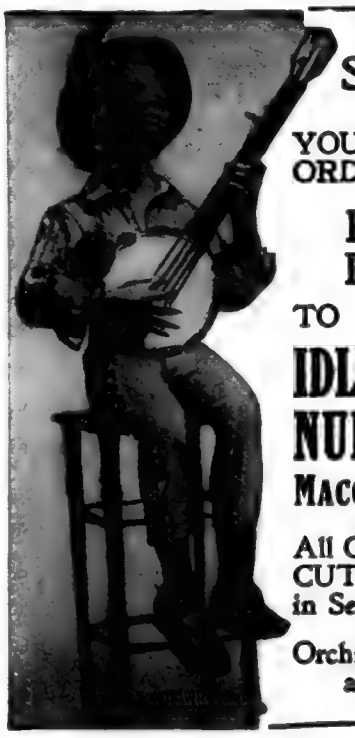
Will fill your orders for Designs or Cut Flowers in Northern Ohio.

MARION FLORAL CO., Marion, Ind.
Central Northern Points. Store: 406 South Adams

MRS. J. B. FREEMAN, LEADING FLORIST,
Successor to Geo. A. Heini **Toledo, Ohio**
All Orders Promptly Executed.

PROVIDENCE, R. I.
and all New England Points
T. J. JOHNSTON & CO.
171 Weybosset Street, Providence

BEYER FLORAL CO. SOUTH BEND, IND.
Daily deliveries to Notre Dame University and St. Mary's Academy.



SEND
YOUR ORDERS FOR
DIXIE LAND
TO
IDLE HOUR NURSERIES
MACON, GEORGIA
All Choice CUT FLOWERS in Season
Orchids and Valley a specialty

MYER
L. D. Phone 5297 Plaza
609-11 Madison Ave., New York

John Bauscher, Jr., FREEPORT, ILL.
100,000 SQUARE FEET OF GLASS.
At Your Service.

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quite dull, without much coming in at any of the wholesale houses, and it is plain to see that mums have seen their best days.

Violets were surprisingly many for Thanksgiving day sales and were held up to $1 per hundred for fancy stock. Beauties are not so plentiful, but other roses, such as Killarney, Maryland and Richmond, are in good supply and selling well.

Carnations in all varieties and grades had a big call all last week, as also did valley, lilies and Paper Whites. There is plenty of good smilax and other greens on the market.

C. A. Kuehn to Move.

C. A. Kuehn will remove his wholesale store from the present location, 1122 Pine street, to 1312 Pine street this week. The local trade will be agreeably surprised to learn that the handsome new building in course of erection for the last two months was being built by Mr. Kuehn at an outlay of nearly $50,000. The building is of three stories and basement, each floor being 25 x 106, giving a total of 10,600 square feet of floor space.

The basement is of concrete and a

We Guarantee Satisfaction
A. J. Bunyard FLORAL CO.
413 Madison Ave., Cor. 48th St., NEW YORK
Bellevue Avenue, Newport, R. I.

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand.
McKenna
MONTREAL

JOHN BREITMEYER'S SONS
Corner Broadway and Gratiot Ave.,
DETROIT, MICH.

FRED EHRET
WHOLESALE AND RETAIL Fflorist
1407 Fairmount Ave. and 702 N. Broad St.,
PHILADELPHIA
Orders for Philadelphia and surrounding country carefully filled on short notice.

Telephone 334 Main
S. Masur
236 Fulton St., Brooklyn, N. Y.

VASSAR COLLEGE
The Saltford Flower Shop, Poughkeepsie, N. Y.

WELLESLEY COLLEGE
Dana Hall, Walnut Hill, Rockridge Hall Schools
TAILBY, Wellesley, Mass.
Long Distance Tel., Wellesley 44-1, 44-2, 44 3.

TEXAS Dallas Floral Co.
DALLAS, TEX.
H. F. GREVE, Prop.

Rosemont Gardens
W. B. Paterson, Prop. 116 Dexter Ave., MONTGOMERY, ALA.

HESS & SWOBODA, FLORISTS
Telephones 1501 and L 1582
1415 Farnum Street OMAHA, NEB.

U. J. VIRGIN
838 Canal St. NEW ORLEANS, LA.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

DARDS, N. E. Cor. 44th Street and Madison Avenue, Telephones 4025-4026, 38th Street, NEW YORK

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union — Member Florists' Telegraph Delivery. — Established 1874

WILSON DELIVERS EVERYWHERE
New York New Jersey Long Island
BROOKLYN
3 AND 5 GREENE AVENUE
Tel. No. 6800 Prospect

The Livingston Seed Co.
FLORISTS
COVER ALL OHIO POINTS
114 N. High Street, COLUMBUS, OHIO

PORTLAND, ORE. Clarke Bros. FLORISTS OAKLAND, CAL.

KALAMAZOO, MICH.
G. Van Bochove & Bro., The Leading Florists

LA CROSSE FLORAL CO. **La Crosse, Wis.**
will properly execute orders in Wisconsin or the northwest.

LINCOLN, NEB. CHAPIN BROS. Retail Florists
Flowers for All Occasions, from Cradle to Grave

E. O. LOVELL GRAND FORKS
Will give prompt attention to all orders for delivery in North Dakota

A. C. BROWN, SPRINGFIELD, ILLINOIS
LARGE GREENHOUSES

Boehringer Bros.
325 Park Avenue, BAY CITY, MICH.

TERRE HAUTE, IND.
JOHN G. HEINL & SON 129 South 7th Street

Mrs. M. E. Hollcraft
807 Kansas Ave., TOPEKA, KAN.

MICHIGAN Orders will be carefully cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS

Minneapolis Floral Co., WHOLESALE and RETAIL FLORISTS
MINNEAPOLIS, MINN.
Funeral designs on short notice. One of the largest establishments west of Chicago.

Send Orders for Washington, D.C. and vicinity to Blackistone's Everything First-Class
14th and H Streets

Hollywood Gardens
Artistic Florists and Decorators
Phone Main 1665
1534 Second Ave., SEATTLE, WASH.
Orders given prompt attention

Evanston and Chicago
JOHN WEILAND, EVANSTON, ILL.

Deliveries to Northwestern University and all North Shore Towns.
FISCHER BROS. 614 Dempster St. EVANSTON, ILL. L. D. Phone 2642

MONTREAL, We can fill all orders.
HALL & ROBINSON, 325 St. Catherine Street, West

Wholesale and Retail orders for Cut Flowers, Funeral Designs, etc., receive prompt attention.
CLEVELAND, OHIO
G. M. NAUMANN & SON

Colorado Springs, Colo.
Orders Carefully Executed
PIKES PEAK FLORAL CO.
Wholesale and Retail

H. W. FIELD, The College Florist
NORTHAMPTON, MASS.
Home of Smith College
Send your orders to him for prompt and careful attention.

DALLAS, TEXAS
The Texas Seed & Floral Company
Orders for cut flowers and designs solicited for delivery in any part of Texas.

Pittsburg, Kan.—Bartlesville, Ok.
THE STEINHAUSER FLORIST & NURSERY CO. (Inc.)
Growers and Shippers—Wholesale and Retail
Out-of-town orders given special and personal attention. Give us a trial.

South and Southwest Texas and sailing from Galveston.
H. H. KUHLMANN, Florist
2507 Jackson St., S. W. Phone, Hadley 1926-2230
2526 Washington St., Opp. Glenwood Cemetery, S. W. Phone, Taylor 628-1081.
Up town, 913 Main St., S.W. Phone, Preston 7141
HOUSTON, TEXAS

TRILLOW FLORIST Des Moines, Iowa
Will promptly execute all orders in this vicinity

Aurora, Ill. Jos. M. Smely
and vicinity Phones 147

Richmond, Ind.
FRED H. LEMON & CO.
Florists and Decorators. Send us your orders.

W. P. McFARLAND L. C. McFARLAND
McFARLANDS, Florists
AKRON, OHIO

cold storage plant will be installed in it. The first floor is being handsomely fitted up with a fine office and new fixtures, a large refrigerator and a fine passenger elevator to carry customers up to the other floors. The first floor will also be used for the cut flower department, the second for supplies and the third for the manufacture of wire designs. The building is heated by hot water and a large smokeless furnace is in the basement. When completed, Mr. Kuehn will have one of the largest and handsomest wholesale establishments in the country.

Various Notes.

Fred H. Weber says he enjoyed about the best Thanksgiving business he ever had.

The Retail Florists' Association will hold its regular monthly meeting Monday evening, December 11, in Knights of Columbus hall. President Sanders expects a full attendance, as important business is to be transacted.

Joe A. Mattes, on the Watson road, is using his two large houses this winter to grow asparagus. Mr. Mattes says there is a good market for this, especially when none is coming from the south, and from the looks of his houses a large crop is expected.

The W. C. Smith Wholesale Floral Co. had larger consignments of Cali-

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Alexander McConnell

611 Fifth Avenue, Windsor Arcade — **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Calls: 340 and 341 38th Street — Cable Address: ALEXCONNELL — Western Union Code

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, **Pittsburg, Pa.**

Largest Floral Establishment in America

Established 1874--Incorporated 1909

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

Winona and Rochester, Minn.

For prompt and particular attention send your orders for Southwestern Wisconsin and Southern Minnesota to

John Fuhlbruegge

Grower and Retailer

ST. PAUL, MINN.

The Largest Store in America.

Members Florists' Telegraph Delivery.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

PASADENA, CAL.

13 East Colorado St.

The Orchid

Also all Los Angeles orders promptly filled.

MRS. LORD'S FLOWER ROOM

112 W. 8th Ave., TOPEKA, KAN.

STATE NURSERY CO.

CUT FLOWERS

155,000 sq. ft. of glass at your service. HELENA, MONTANA

Freeport Floral Co.

Telegraphic orders promptly attended to. FREEPORT, ILL.

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order.

11 North Pearl St., - ALBANY, N. Y.

Rock's Flowers Kansas City

Wm. L. Rock Flower Co.

KANSAS CITY, MO.

1116 Walnut Street

Members Florists' Telegraph Delivery

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Max Schling

NEW YORK

No. 22 West 59th Street

Adjoining Plaza Hotel

W. S. Lee Florist

Hippodrome Building, 44th STREET & SIXTH AVE.

TELEPHONE 714 BRYANT — NEW YORK

STEAMER ORDERS A SPECIALTY.

CHICAGO

A. LANGE,

25 E. Madison Street

GALESBURG, ILL.

I. L. PILLSBURY

All orders receive prompt attention.

fornia violets than had been expected, and they were in excellent demand for Thanksgiving.

George Waldbart, M. M. Ayres and the Metropolitan Floral Co. were much pleased with their Thanksgiving business.

George Angermueller reports a large shipping business for Thanksgiving. Large, fancy mums sold well.

R. J. Windler, Eggeling Floral Co., Conrad Bergstermann and Charles Beyer all say they did a large Thanksgiving business and that fancy stock had the best call.

C. A. Kuehn is receiving fine valley from Henry Aue.

Fred C. Weber, H. Young & Son, Ellison Floral Co., Kalisch Bros. and the Sanders Nurseries all had a splendid Thanksgiving business in cut flowers and plants.

The St. Louis Florists' Club will hold its regular monthly meeting Thursday afternoon, December 14. President Windler and Trustee Weber are rounding up the members for this meeting and it should be a large one. A good

HUGO H. JAHN

710 Nostrand Avenue,

Tel. No. 1952 Bedford BROOKLYN, N. Y.

Will deliver to Steamships, Theaters, anywhere within 20 miles of New York.

ARTISTIC WORK. PERSONAL ATTENTION.

Special care of your telegraph orders.

W. J. Palmer & Son

304 Main St., BUFFALO, N. Y.

Members Florists' Telegraph Ass'n

Orders by wire receive prompt and careful execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

ST. LOUIS, MO.

Flowers Delivered in City or State on Short Notice

F. H. WEBER

BOYLE AND MARYLAND AVENUES

Both Long Distance Phones

M. A. Bowe

IN HEART OF NEW YORK CITY

12 W. 33d Street, N. Y.

Opposite the Waldorf-Astoria.

Phone Madison Sq. 6404. Our Motto—The Golden Rule

George G. McClunie, Florist

187 Main St., HARTFORD, CONN.

Orders solicited for Connecticut and nearby points.

Tel. Charter 5591-2. Floral Designs a Specialty.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

CHICAGO — Send Your Orders to.. William J. SMYTH

Member Florists' Telegraph Delivery Association. Michigan Ave., at 31st St.

Established 1857.

Wittbold FLORIST

737-739 Buckingham Place

L. D. Phone 1112 Graceland — CHICAGO

Send us your retail orders. We have the best facilities in the city.

Write, Wire or Phone

JOHN WALKER

11 S. PHELPS STREET

Youngstown, O.

Careful attention given to out-of-town orders. Trade discount allowed.

DENVER, COLO.

FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice.

Daniels & Fisher.

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver."

YOUNG & NUGENT

NEW YORK : 42 W. 28th St.

In the theater district. Exceptional facilities for delivering flowers on outgoing steamers. Your orders will receive prompt and careful attention. Wire, telephone or write us.

We are Prepared to Fill Orders for any Section of South Jersey at any time.

EDWARDS FLORAL HALL CO.

1700 Pacific Avenue,

Nurseries: Mediterranean and South Carolina Aves. — ATLANTIC CITY, N. J.

Baker Bros. Co. **Ft. Worth, Tex.**

Send Orders for the Southwest

Best Railroad Center in the State.

MOBILE, ALABAMA

The Minge Floral Co.

C. L. VAN METER, Florist — **MONTICELLO, IA.**

Orders solicited to be delivered anywhere.

Specialist in Cut Flowers and Designs

PEKIN ═══ PEORIA

All orders receive personal attention.

GEO. A. KUHL, Pekin, Ill.

"WE STRIVE TO PLEASE"

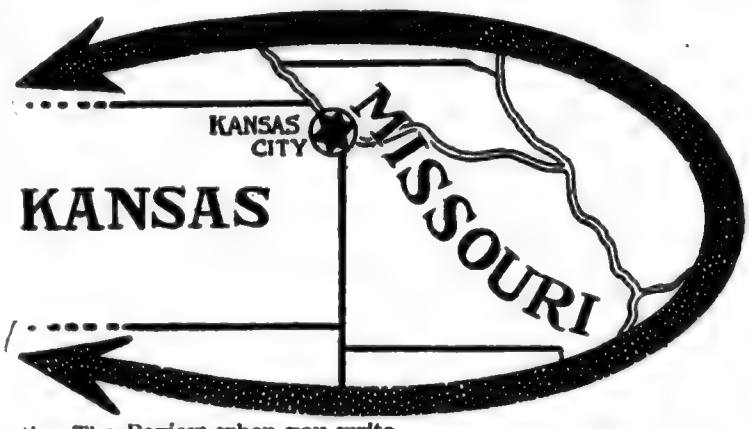
ALPHA FLORAL CO.

1105 WALNUT—PHONES ESTAB. 1806

Kansas City, Missouri

The largest Florists in the Central West

A. ELBERFIELD, Proprietor



Mention The Review when you write.

CLEVELAND

...THE...

J. M. GASSER COMPANY

EUCLID AVENUE

We ship all points in Ohio. The best of everything in Flowers.

BALTIMORE, MD. And All Southern Points.

PIERCE & CO. 509 N. Charles Street, BALTIMORE, MD.

---

supply of cigars has been laid in by the trustees.

Henry Berning had a grand lot of cut mums consigned to him for the Thanksgiving demand, also a good supply of carnations and roses. He says shipping business was good.

The poultry show last week brought a good many florist visitors who are interested in fancy chickens.

Visitors: Fred Lemke, representing W. W. Barnard Co., Chicago; "Sprinkleproof" Sam Seligman, of Wertheimer Bros., New York city.

J. J. B.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Olympic	New York	S'hampton	Dec. 9
Columbia	New York	Glasgow	Dec. 9
Friedrich Wm.	New York	Bremen	Dec. 9
Franconia	Boston	Liverpool	Dec. 9
Haverford	Philadelphia	Liverpool	Dec. 9
L. Manitoba	Montreal	Liverpool	Dec. 9
Magdalena	New York	Cuba	Dec. 9
Tagus	New York	Bermuda	Dec. 9
Berlin	New York	Genoa	Dec. 9
Carmania	New York	Liverpool	Dec. 13
Zeeland	New York	Antwerp	Dec. 13
Royal George	Halifax	Bristol	Dec. 13
Nippon Maru	San Fr'sco	Hongkong	Dec. 13
Emp. of India	Vancouver	China	Dec. 13
Baltic	New York	Liverpool	Dec. 14

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The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

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ZANESVILLE, OHIO
Imlay, John D.

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Will Take Proper Care of Your Orders in **WISCONSIN**

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Between Christmas and New Year

You have time and room — plant Cold Storage Lilies and get a cut just right for Easter. They will flower easily by April 1st.

Case of 232, 7-9, $15.00—Case of 200, 8-10, $16.00

ORDER THEM NOW

C. C. POLLWORTH CO., Milwaukee, Wis.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Leonard H. Vaughan, Chicago; First VicePres., M. H. Duryea, New York City; Sec'y and Treas., C. E. Kendel, Cleveland, O.

For the next two weeks seeds will be a secondary consideration with a good many seed stores—Christmas greens are to the fore.

Alfred Emerich, representing Vilmorin, Andrieux & Co., Paris, France, sailed from New York November 30, after a successful trip through the United States and Canada.

Henry Nungesser announces his withdrawal from the corporation of Henry Nungesser & Co., of which he has been president. The business was established in 1874 and incorporated in 1899.

Arthur B. Clark, of Everett B. Clark Seed Co., is extending the operations of his firm to the Montana pea growing district. He was reported from points in both Park and Gallatin counties as being on the ground in the last week of November.

The market for bouquet green at Chicago at the opening of this week was $7.50 to $8 bid, offered at $9; little business being done. Some owners of small lots are talking of a $12.50 market, but actions of buyers indicate little green will be needed at a higher figure than the present. There is considerable variation in the quality of the different lots.

THOSE FINE FREE SEEDS.

In his annual report as Secretary of Agriculture, made public today, James Wilson says:

"Seeds and plants were distributed upon congressional order as in former years. Between 600 and 700 tons of vegetable and flower seeds, put up in approximately 60,000,000 packets, were distributed the past season. Of this quantity about ten per cent was flower seed and ninety per cent vegetable seed. Approximately one-third of the total quantity was procured from surplus stocks, and the remainder was grown under contract for the department during the current season. In every case seed was secured on competitive bids, and no seed was accepted for distribution unless it was found after repeated tests to be of satisfactory purity and vitality. Every lot of seed is tested for germination two or more times before and after shipment, and a sample of each lot is grown on the trial grounds of the department under the direct supervision of expert horticulturists, to determine its trueness to type. Many thousand pounds of vegetable and flow-



Colored Flower and Vegetable Seed Bags

Send for Catalogue and Samples.

Herndon & Lester, Inc.

RICHMOND, VA.

Mention The Review when you write.

SPIRAEA CLUMPS for Forcing

	Doz.	100
Astilboides Floribunda	$0.85	$ 6.00
Gladstone	1.25	9 00
Superba	.90	7.00

Cash with order or satisfactory references.

Weeber & Don, Seed Merchants and Growers **New York**

114 Chamber Street

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Stokes Seeds Philadelphia

NEW CROP SEED

Salvia Splendens, 25c tr. pkt.; $1.40 oz.; $4 00 ¼ lb ; $14.00 lb. Salvia Clara Bedman or Bonfire, 40c tr. pkt.; $1.75 oz.; $5.00 ¼ lb.; $18 00 lb.

STOKES' SEED STORE

219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

F. W. O. SCHMITZ

PRINCE BAY, N. Y.

Wholesale Grower, Exporter and Importer of all plants, roots and bulbs in season.

Correspondence Solicited

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Est. 1824. RICKARDS BROS., Props.

Importers and growers of high-grade

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Telephone 4235 Gramercy

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Extra Long White Spine Cucumber
790 lbs. of seed per acre.

Largest crop per acre ever grown under irrigation by

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BEST STOCKS. ALL VARIETIES.

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Growers for wholesale trade only. Santa Ana, Cal.

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Wholesale Seed Growers **SANTA CLARA, CAL.**
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Growers of High Grade Seeds
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Lettuce, Onion, Sweet Peas
Growers for the Wholesale Trade Only
San Jose, California
Mention The Review when you write

S. D. Woodruff & Sons
SPECIALTIES:
Garden Seeds in Variety
Maine seed potatoes, onion sets, etc.
CORRESPONDENCE SOLICITED.
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New York City Store, 82-84 Dey Street
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Wholesale Seed Grower
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety.
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Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
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Mention The Review when you write.

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J. C. Robinson Seed Co.
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Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar, Flint and Field Seed Corns.
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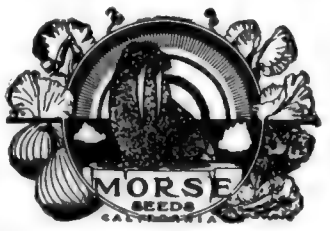
er seeds which do not meet the requirements of the department are rejected every year and returned to the seedsmen by whom they were shipped. Where seeds are contracted to be grown for the department the fields are inspected at the proper season by specialists, who see that the plants are uniformly true to type and that a proper system of roguing out variations and mixtures is followed. This system has resulted in steady improvement in the quality of seeds distributed by the department, as shown by the results obtained on the trial grounds and by hundreds of reports from all sections of the country.

J. BOLGIANO & SON —WHOLESALE— Field and Garden Seeds
ESTABLISHED 1818 Write for our low prices
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ONION SETS GROWERS FOR THE TRADE
Write for Prices
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YOU will be satisfied with the products of
Burpee's "Seeds that Grow"
Better write to Burpee, Philadelphia,—for new Complete Catalogue.

The Everett B. Clark Seed Co., MILFORD, CONN.
Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.
BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC.



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and other California Specialties
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SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn
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ARROYO GRANDE, CAL.
SWEET PEA and NASTURTIUM
SPECIALISTS
Wholesale growers of full lists of FLOWER and GARDEN SEEDS.

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SEATTLE, WASH.
Growers of
PUGET SOUND CABBAGE SEED

Henry Fish Seed Co.
BEAN GROWERS
For the Wholesale Seed Trade
CARPINTERIA, - CAL.

Peas and Beans
...Growers For The...
Wholesale Seed Trade

Alfred J. Brown Seed Co.
Grand Rapids, Michigan

Sioux City Seed & Nursery Co.
Sioux City, Iowa
Contracting growers of **Peas, Beans** and famous **Sweet Corn.** Introducers of the **White Mexican Sweet Corn.**

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JACKSON, MICH.
Contract Seed Growers
Bean, Cucumber, Tomato, Radish, Pea, Squash, Muskmelon, Watermelon, Sweet Corn.
Correspondence Solicited

ONION SEED — ONION SETS
We are extensive growers and dealers. Write for prices on the 1911 crop. We are also submitting contract figures for the 1912 crop of Onion Seed.
SCHILDER BROS., CHILLICOTHE OHIO

The C. Herbert Coy Seed Co.
VALLEY, Douglas County, NEB.
Wholesale Growers of High Grade Seeds.
Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

German Stock Seeds

A GRAND SPECIALTY

Price list on application

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Oldest Special House

Mention The Review when you write.

NEW SEEDS FROM SPAIN

Bermuda Onion Seeds, Belalcazar Melon, the longest keeping variety. "Tomato Paradise," which will not blister in the summer, and other good seeds. Inquiries solicited.

FEDERICO C. VARELA

Postage to Spain 5c. TENERIFFE (Canary Islands)

Mention The Review when you write.

"The work of packeting, assembling and mailing the vegetable and flower seeds was done under a contract at a cost of $1.10½ per thousand packets, which included delivery of the packeted seed in mail sacks direct to the Union station. A new contract has been entered into for putting up and mailing the seeds for the coming distribution at a saving over the former contract of 1 cent per thousand packets.

"Approximately 12,000 pecks of four improved varieties of upland cotton developed by the department were distributed in the cotton-growing states last season. The continued distribution of these improved cottons, with the accompanying circulars which contain detailed instructions for the home selection and improvement of seed, has resulted in widespread interest in seed selection in the south..

"The propagation of Dutch bulbs in the Puget sound region in connection with the congressional distribution is progressing favorably. Trial sets of narcissus and tulip bulbs propagated near Bellingham, Wash., were planted at Washington, D. C., with sets of bulbs of the same varieties imported from Holland, and the Bellingham bulbs produced better blossoms ten days earlier than the imported bulbs. The early blooming period of American-grown bulbs is of importance to all professional florists, because of the saving in time and fuel where bulbs are forced for market."

VALLEY PIPS.

The S. S. Pennsylvania, from Hamburg, arrived at New York November 26 with the following consignments of valley pips:

Consignee.	Cases.
Elliott, W., & Sons	16
Stein, S.	160
Marshall, W. E., & Co.	22
Pollock, T. C.	20
Weeber & Don	30
Darrow, H. F.	67
Vaughan's Seed Store	145
Meyer, Chas. F.	150
Hagemann, W., & Co.	111
McHutchison & Co.	428
Maltus & Ware	116
Total	1,265

The following consignments of valley pips were on the S. S. Patricia, from Hamburg, which reached New York December 1:

Consignee.	Cases.
Lunham & Moore	331
Roehrs, J., Co.	62
Schultheis, A.	66
Darrow, H. F.	147
McHutchison & Co.	431
Pierson, F. R., Co.	125
Siebrecht, W. H.	61
Ter Kuile, J.	60
Meyer, C. F.	206
Hagemann, W., & Co.	50
Maltus & Ware	134
To order	84
Total	1,757

TO THE TRADE

HENRY METTE, Quedlinburg, Germany

(Established in 1787)

Grower and Exporter on the very largest scale of all

CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼ oz.; 75c per 1-16 oz Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own vast grounds,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

Mention The Review when you write.

PERFECT PLANT FOODS

THOMSON'S Vine Plant and Vegetable **MANURE**

Unrivaled for vines, tomatoes, cucumbers, all flowering, foliage and fruit bearing plants; vegetables, lawns, etc. Has stood the test of 30 years. The result of many years of practical experience.

Sold by Leading American Seedsmen.

Also Thomson's Special Chrysanthemum and Topdressing Manure. An Excellent Stimulant.

Freight paid on quantities; liberal terms to retailers. Write for our special offer to the American trade, agents' circulars, pamphlets, etc., to sole makers.

Also Exporters of **Pure Scotch Soot** Write for prices, etc.

Wm. Thomson & Sons, Ltd., Tweed Vineyards, Clovenfords, Scotland

Mention The Review when you write.

VAN GRIEKEN'S BULBS, SOUND AND WELL SELECTED

High-grade Hyacinths, Tulips, Narcissus, Crocus, etc. Write for Catalogue.

LEO VAN GRIEKEN, Lisse, Holland

Mention The Review when you write

DIRECT IMPORTATIONS

Fall and Spring Shipments.

Valley Pips, Berlin and Hamburg grades.
Azaleas, Palms, Bay Trees, etc., from Belgium.
Begonia and Gloxinia Bulbs; December shipment.
Boxwood, Roses, etc., from Boskoop, Holland.
Maples, Planes, etc., from Oudenbosch, Holland.
Fruit and Ornamental Stocks, from France.
English Manetti, Jap Lilies, etc., etc.
Raffia, Red Star and 3 other brands.

McHUTCHISON & CO., The Import House
17 Murray St. New York

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DANISH SEEDS

If you take interest in Cabbage, Cauliflower, Carrot, Mangel, Swede and Turnip, of selected strains (state controlled), please apply to

CHR. OLSEN, Odense, Denmark

Wholesale Seed Grower (Established 1862), in order to have your name placed on my mailing list.

Mention The Review when you write

AUGUST RÖLKER & SONS

Import to order, spring delivery, **Palms, Araucarias, Bays, Box, Roses, Camellias, Hortensias,** Nurserymen's **Trees** and **Shrubs,** etc. For lists, address

P. O. Box 752, or 31 Barclay St, NEW YORK

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CATALOGUES RECEIVED.

Roustan, Servan & Co., St. Remy de Provence, France, wholesale list of seeds; Wm. Herb, Naples, Italy, general list of seeds; G. L. Freeman, Wellfleet, Mass., pocket list of orchid importa-

H. FRANK DARROW

P. O. Box 1250

26 Barclay Street, NEW YORK

Importer of

Azaleas, Palms, Bay Trees

and all other Belgian Plants, Lily of the Valley of the finest Berlin and Hamburg Brands.

Japanese, Holland and French Bulbs

FRENCH and ENGLISH

FRUIT and ORNAMENTAL STOCKS

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CYNOSURUS CRISTATUS

(Crested Dogstail)

Purity and germination guaranteed.

WM. POWER & CO.

Seed Exporters

Waterford, Ireland.

Cables "Seedmerchants" Code A.B.C. 5th Edition

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FOR

SEEDS

of all kinds apply to

W. W. JOHNSON & SON, Ltd.

BOSTON, ENGLAND

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LILIUM HARRISII

(THE BERMUDA EASTER LILY)

LET US SUPPLY YOUR WANTS IN LILIES THIS SEASON

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers whose stocks have been worked up from the true, original stock. In order to insure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used; this prevents disease and insures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock and when this is disposed of we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

6- 7 inch bulbs, 335 to the case,	$15.00 per case;	full thousand lots, $ 40.00 per 1000
7- 9 inch bulbs, 200 to the case,	16.00 per case;	full thousand lots, 75.00 per 1000
9-11 inch bulbs, 100 to the case,	18.00 per case;	full thousand lots, 175.00 per 1000

FERNS

We have an exceptionally nice lot of ferns in the following varieties—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6-inch pots	$0.50 each
Nephrolepis Elegantissima, Piersoni, Bostoniensis and Harrisii, heavy 8-inch plants	$1.00 to 1.50 each
Nephrolepis Elegantissima, Bostoniensis and Harrisii, heavy 10-inch plants	2.50 each

F. R. PIERSON CO., TARRYTOWN-ON-HUDSON, N. Y.

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Our New Gladiolus "PRINCEPINE"

Is now being offered to the trade.
Write for literature and prices.

W. E. Kirchhoff Co.

Gladiolus Specialists, Pembroke, N. Y.

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Cold Storage Valley

FOR CHRISTMAS FORCING

Per 100, $1.75. Per 1000, $15.00.

GLADIOLUS

	Per 100	Per 1000
Blushing Bride	$0.65	$5.00
The Bride	.75	6.00

A. HENDERSON & CO.

Phone Randolph 2571

30 E. Randolph St., CHICAGO

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PRIMULA

Chinensis Obconica

Unrivaled for size of flower, purity of color and highest development. They represent the best specialists have so far produced. Seeds and plants

J. L. SCHILLER, Toledo, O.

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Clearance Sale Dutch Bulbs

Choice Named Hyacinths—Single and Double Tulips—Narcissi Mammoth Freesias—Crocus—Lilium Harrisii—Etc.

Paper White Grandiflora Narcissus, 13 centimeters and up (1250 to case), 80c per 100; $7.00 per 1000.

WRITE AT ONCE—This is your chance to buy Bulbs.

Johnson Seed Company

217 Market Street, Philadelphia, Pa.

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For Fall Planting

Lilium Henryi, Hansoni, tenuifolium, Davuricum, Wallacei, elegans and tiger; Daphne cneorum, Delphinium formosum, Japan Tree Lilac Japan and German Iris.

Fall list ready now.

E. S. MILLER, Wading River, N. Y.

Mention The Review when you write.

Asparagus Plumosus Nanus

New Crop—Greenhouse-grown

100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $3.50; 10,000 seeds, $30.00.

Sprengeri, 25c per 250 seeds; 75c per 1000 seeds; $2.75 per 5000 seeds.

Our Flower Seed Catalogue free on application.

THE MOORE SEED CO., 125 Market St., Philadelphia

BURNETT BROS.

SEEDS :: BULBS :: PLANTS

72 Cortlandt St., NEW YORK CITY

Bulb Bargains

French Romans, 12-15, 100, $2 00.

Tulips, Pottebakker, yellow, 100, 80c.
- " Rose Grisdelin, 100, 55c.
- " Single Superfine, mixed, 100, 45c; 1000, $4.00.
- " Double Superfine, mixed, 100, 50c; 1000, $4 50.
- " Parrots, finest mixed, 100, 50c; 1000, $4.50
- " Macrospelia, 100, 60c.
- " Picotee, 100, 60c.
- " Late, single, mixed, 100, 50c; 1000, $4.50.

Narcissus, Double Incomparable, 100, 60c.

Freesias, Mammoth, 100, 50c.

Ornithogalum Arabicum, 100, 75c.

Chionodoxa, 100, 50c.

Oxalis, Mixed, 100, 25c.

Scilla Sibirica, 100, 60c.

Single Snowdrops, 100, 35c.

Double Snowdrops, 100, 65c.

Cash with Order.

G. H. HUNKEL CO., Seedsmen

Milwaukee, Wis.

Mention The Review when you write.

GLADIOLI

Try GOLDEN QUEEN and PRESIDENT TAFT for forcing.

One customer writes under date of May 25th: —

"The Golden Queen that I ordered from you were planted in a carnation house on February 7th, and we are now getting fine spikes and handsome flowers. I find your variety to be one week earlier than Mrs. Francis King, ten days earlier than Augusta and two weeks ahead of America. They have been perfectly satisfactory in every way."

I have also a fine stock of Mrs. King, Klondyke, Taconic, Independence, Brenchleyensis, Geo. Paul and other kinds. Write for trade list.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

tions; Winterson's Seed Store, Chicago, Ill., wholesale list of Christmas decorative materials.

JAPANESE BULB EXPORTS.

During the fortnight from October 11 to 26 the exports of lily bulbs from Yokohama, Japan, made a total of 14,622 cases, as follows:

Shipper.	Cases.
YOKOHAMA NURSERY CO.	5,374
To Sydney	17
To Rotterdam	658
To Liverpool	44
To Havre	18
To London	1,766
To Marseilles	8
To Wellington	26
To Antwerp	7
To San Francisco	348
To New York	1,575
To Chicago	388
To Portland	35
To Seattle	14
To Trieste	24
To Vancouver	27
To Liverpool	132
To Hamburg	241
To Melbourne	46
ARAI SHOTEN	3,902
To London	872
To Hamburg	1,410
To New York	1,620
L. BOEHMER & CO.	2,071
To Rotterdam	15
To Philadelphia	533
To New York	1,240
To Marseilles	15
To Copenhagen	8
To Hamburg	27
To Chicago	233
TANOI SHOTEN	1,435
To London	519
To Amsterdam	266
To Spokane	56
To Chicago	111
To New York	256
To Hamburg	167
To Liverpool	40
To Antwerp	20
ISAAC BUNTING & CO.	1,517
To New York	190
To Hamburg	1,327
KOTARO TANAKA	391
To Hamburg	107
To Rotterdam	284
KAMITAKI SHOTEN	69
To Hamburg	69
TAKAGI SHOKAI	46
To Marseilles	46
SHOKEI SATO	7
To London	7

IMPORTS.

The imports of seeds through the port of New York for the week ending November 25 were as follows:

Kind.	Pkgs.	Val.	Kind.	Pkgs.	Val.
Annatto	1	$ 39	Lycopodium	30	$ 2,964
Canary	2,071	10,206	Millet	548	15,890
Caraway	1,125	6,170	Mustard	3,471	22,124
Clover	950	35,363	Poppy	450	3,961
Fenugreek	270	1,177	Rape	125	1,007
Grass	440	4,692	Other		12,261
Hemp	200	1,181			

LILY OF THE VALLEY

COLD STORAGE

$1.75 per 100; $15.00 per 1000.

CHICAGO MARKET BRAND

New stock—now ready. Best stock for early forcing, if strictly fancy Valley is wanted. My grower writes: "The finest shipment that is going to the U. S. this season," and he knows. Order now—This grade is scarce.

$2.00 per 100; $16.00 per 1000.

H. N. BRUNS, 3038-40-42 W. Madison St., Chicago

Mention The Review when you write.

SURPLUS BULBS

		Per 100	Per 1000			Per 100	Per 1000
Lilium Longiflorum	7x 9	$4.50	$40.00	Lilium Album	9x11	$11.00	$100.00
Lilium Longiflorum	9x10	8.00	75.00	Lilium Rubrum and Melpomene	8x 9	4.50	40.00
Lilium Formosum	9x10	8.50	80.00	Lilium Rubrum and Melpomene	9x11	8.00	75.00
Lilium Auratum	8x 9	5.00	45.00				
Lilium Auratum	9x10	8.00	75.00				
Lilium Album	8x 9	7.50	70.00				

Tulips, Narcissus, Dutch and Roman Hyacinths and miscellaneous Bulbs below cost to clean up. Write for prices.

Select assortment of Azaleas still on hand. See prices in Nov. 30 issue, page 89.

CURRIE BROS. CO., 108 WISCONSIN ST., 312 BROADWAY, **MILWAUKEE, WIS.**

Mention The Review when you write.

LILIUM GIGANTEUM (Dark Stem)

LILIUM ALBUM, AURATUM AND RUBRUM

All sizes and as fine as Japan produces. Write us.

S. S. Skidelsky & Co., 1215 Betz Bldg., **Philadelphia, Pa.**

Mention The Review when you write

Our **Gladioli** are noted the world over for **Superior Merit**

WRITE FOR PRICES.

JOHN LEWIS CHILDS FLOWERFIELD, Long Island, N.Y.

Let Ayres' Superior Orchid-Flowering Sweet Peas

Follow Your Mums

The Fine Unsurpassed varieties

Asta Ohn Spencer, lavender, lb , $2.00. America Spencer, great novelty, red and white striped, lb., $4.00. Florence Morse Spencer, a beautiful light pink, lb., $2.50. Large White Spencer, the unrivaled white, lb., $2.50. Apple Blossom, pink shaded rose, lb., $1.75. Any of the above, oz., 35c. We also have all the winter flowering varieties. Write for our Sweet Pea Catalogue.

Ayres' Re-selected Grand Rapids Lettuce Seed

Is universally used by florists. Oz., 15c; lb., $1.25.

S. B. AYRES CO. Sunnyslope, Independence, Mo.

Florists—Nurserymen—Seedsmen

——10 miles east of Kansas City, Mo.——

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Thorburn's Bulbs

We offer high grade stock of the following while unsold:

LILIUM HARRISII, 7-9 inches in circumference at $17.00 per case of 250 bulbs.

WHITE ROMAN HYACINTHS, 12-15 ctms. at $18.00 per 1000.

Paper White Grandiflora Narcissus, at $8.00 per 1000.

CASH WITH ORDER.

Only a limited supply left, so speak quickly.

J. M. Thorburn & Co. 33 Barclay St. NEW YORK

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FOTTLER-FISKE-RAWSON CO. FANEUIL HALL SQUARE

WIZARD BRAND

Sheep Manure, Shredded or Pulverized Cattle Manure

See Our Trade List

BOSTON

Mention The Review when you write

SOW NOW!

Get Ready for Early Spring Sales

	6 Tr. Pkts.	Tr. Pkt.
BEGONIA Gracilis Luminosa, true stock, with large scarlet flowers	$2.50	$0.50
Erfordii, fine pink variety	2.50	.50
Bedding Queen, most beautiful pink Wax Begonia	2.50	.50
Vernon, fine red	1.25	.25
CYCLAMEN Persicum Splendens Giganteum, finest colors, assorted, 1000 seeds	5.00	.75

O. V. ZANGEN, Hoboken, N. J.

Mention The Review when you write.

XXX SEEDS

ALYSSUM SNOWDRIFT, most dwarf and compact, very fine, pkt. 20c.
ANTIRRHINUM, New Giant, white, rose and yellow. **Separate or Mixed,** pkt. 20c.
PETUNIA STAR, improved, finest marked flowers, very fine, pkt. 20c.
PETUNIA, Giant, single fringed, large and fine, pkt. 20c.
PETUNIA, Giant Double Fringed, very fine, trade pkt. 50c.
SALVIA, Bonfire, finest grown, brilliant scarlet and compact. Large pkt. 20c.
PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt. 20c.
CHINESE PRIMROSE, finest grown, single and double mixed, 600 seeds, $1.00; ½ pkt. 50c.; 1000 seeds, $1.50.
PRIMULA KEWENSIS, the grand new sweet-scented yellow Primrose, pkt. 20c.
CINERARIA, large-flowering dwarf, mixed, 1000 seeds, 50c.; ½ pkt. 25c.
CYCLAMEN GIGANTEUM, finest giants, mixed, 250 seeds, $1.00; ⅛ pkt. 50c.; 1000 seeds, $3.50.
GIANT PANSY, finest grown, critically selected, 6000 seeds, $1.00; ½ pkt. 50c.
COLEUS, New Hybrids, fine colors. Best New Giants, pkt. 20c.
LOBELIA, Blue Ball, dwarf, dark blue, finest of all Lobelias, pkt. 20c.
TORENIA FOURNIERI, New Giant, extra fine, pot plant, pkt. 20c. Showy.
CANDYTUFT, New Giant Hyacinth-flowered, a great cutter, pkt. 20c.
SWEET WILLIAM; new colors of large white-centered, fine, pkt. 20c.
COLUMBINE. New blue with yellow spurs, extra, pkt. 20c. Grand Novelty.
SHAMROCK, Irish Green, pkt. 20c.
VERBENA, Improved Mammoth, finest giants grown, mixed or separate of purple, white, scarlet, pink, striped and auricula-eyed. Large trade pkt. 20c.
HELIOTROPE, finest mixed, pkt. 20c.
BROWALLIA, New Giant Blue, pkt. 20c.
CUPHEA. Giant Cigar, fine, pkt. 20c.
GAILLARDIA GRAND, New Giant, pkt. 20c.
ORIENTAL POPPY COLOSSUS, 10 inches diameter, grand and gorgeous, pkt. 20c.
CASH. Liberal extra count.

JOHN F. RUPP

SHIREMANSTOWN :: PA.

Mention The Review when you write.

Seeds Plants Bulbs

All Seasonable kinds of Best quality.

Special prices on large lots.

JAMES VICK'S SONS, Seedsmen

ROCHESTER, N. Y.

Mention The Review when you write.

Paper White Narcissus Lilium Giganteum

DUTCH BULBS

Full Line of Stock. Write for Prices.

D. RUSCONI

198 W. 6th St., CINCINNATI, O.

Mention The Review when you write.

SURPLUS OF

L. Multiflorums 7-9

Write for prices.

The Yokohama Nursery Co., Ltd.

No. 31 Barclay Street, NEW YORK

Mention The Review when you write.

Ant. C. Zvolanek

Originators

Winter-Flowering Sweet Pea Seed

Bound Brook, New Jersey

Mention The Review when you write.

Competition bothers us about as much as a fly does a rhinoceros—we don't even say shoo-fly. We are too busy attending to our own business. We don't care what competitors' prices are; we know what our prices should be and what our goods are worth. If we can't make a profit we don't do business, because we are not philanthropists yet; and the sooner you follow the same rule the better for you. Americans have an inward dislike for the cut-priced fellow, because 90% of the time he is a business degenerate, who must cut prices to get business and then scale the goods to make a profit. If the other fellow tries to shave himself with a bed-slat, let him do it, for he can't cut himself, that's sure; whereas, if he had a razor, no telling what would happen. The world has use for all kinds, for someone must handle the slop and make a living some way in the process.

For the very best in bulbs, buy Horseshoe Brand—there are none better. Write us.

Not How Cheap But How Good

RALPH M. WARD & CO.

12 West Broadway

NEW YORK

Horseshoe Brand Bulbs for immediate shipment.

FORMOSUM

6/7	$10.00 per case 350 bulbs
6/8	15.00 per case 370 bulbs
7/9	18.00 per case 300 bulbs

GIGANTEUM

6/ 8	$20.00 per case 400 bulbs
7/ 8	21.00 per case 350 bulbs
7/ 9	22.50 per case 300 bulbs
8/10	25.00 per case 250 bulbs
9/10	24.00 per case 200 bulbs
10/11	22.50 per case 150 bulbs
11/12	22.00 per case 130 bulbs

All F. O. B. New York.

Terms 3 months, or 5% for cash with order. Cold Storage deliveries at any time during the season.

Fall deliveries of advance orders of Japan Lily Bulbs can be made f. o. b. New York, Pittsburgh, Chicago, Cincinnati, Memphis and Toronto, or any other city, in lots of 250 cases upwards.

PACIFIC COAST.

The Toppenish Nursery Co., of Yakima, Wash., has received an order from Milo Russell, manager of the Okanagen Fruit & Land Co., at Kelowna, B. C., for $8,000 worth of nursery stock, to be delivered next spring.

It is reported that D. R. and C. S. Shafer have purchased all of the interest of Cesar Hogin in the Shafer-Hogin Orchard & Nursery Co., at Denair, Cal., and will continue the business, with sales-yards at Denair and Turlock.

Los Angeles, Cal.—Speakman Bros., the owners of large greenhouses near Lawndale, have been so successful that they will erect another house, to cost $7,500, to be devoted exclusively to American Beauty roses.

White Bluffs, Wash.—H. E. Harrison says that business is not as brisk as he might wish, on account of difficulties that must be encountered in most newly irrigated regions. Mrs. Harrison was recently in North Yakima, where she was being treated for a serious ear trouble, with good hopes of a cure.

VICTORIA, B. C.

The Market.

Trade is progressing favorably. Flowers of all kinds are sufficient for the demand, but there does not seem to be any surplus. Roses are showing the effects of the dull days and long nights. Carnations are more than usually plentiful. Chrysanthemums are sufficient for all demands and the range of quality and color is all that can be desired. Nothing new in this line is apparent. There are no violets grown locally, the market relying wholly on the Californian product. Plants, especially flowering plants, seem to be scarce. There are one or two nice lots around, but they seem to be held back for the holidays.

As to the outlook for Christmas, roses will be scarce. Carnations will be plentiful, red excepted. Chrysanthemums will be fine and in full supply. Paper Whites will also be in full supply. The valley will all be imported. In holly, the locally grown English, the finest known, will be extremely scarce. It is quoted at 50 to 65 cents per pound on the trees; retail, $1 per pound. Little of it, indeed, will be exported in bulk. The usual run of plants will be enough for the demand.

The weather at present is good. A severe cold spell, with heavy winds, visited us at the same time as the rest of the country suffered, but no damage was done locally.

Various Notes.

The Fairview Esquimault Greenhouses, one of the largest commercial plants here, changed hands last week. Brown Bros., Ltd., of Vancouver, have bought the whole establishment as a running concern, taking over the store as well as the greenhouses. It is said that the present store will only be kept until a fine new location, already secured by the new owners, is ready. We are all glad to welcome Brown Bros. among us. Mr. Bornhoft, the new manager of the Fairview, is to be congratulated on having such practical employ-

Direct Importations---Tree Fern Stems

Due to arrive in the early spring of 1912.
The grandest and most graceful of all decorative plants.

Alsophila robusta, Dicksonia Antarctica, Dicksonia squarrosa, Cyathea medullaris, Cyathea dealbata, Cyathea Smithii Cyathea Cunninghami.

All sizes from three feet up.

We will also receive specimen plants of Platyceriums and Todeas,

Prices and particulars on application.

MacRORIE-McLAREN COMPANY

711-714 Westbank Bldg., SAN FRANCISCO, CAL. Nurseries, SAN MATEO, CAL.

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS SEED

Season 1911—1912.
Ready Soon for Delivery.

Our crop of Plumosus Seed has now set, and we are booking orders for delivery in January and February.

In Lots of 1,000	per 1000, $2.50
In Lots of 10,000	per 1000, 2.00
In Lots of 20,000	per 1000, 1.75
In Lots of 50,000	per 1000, 1.50

Write for quotations on larger lots.

Los Angeles Flower Market, 414½ South Broadway LOS ANGELES, CAL.

Mention The Review when you write.

LYNCH NURSERY COMPANY

Wholesale growers and shippers of Cut Flowers
CHRYSANTHEMUMS, ROSES, CARNATIONS, SMILAX, ASPARAGUS
We cover all Pacific Coast points

MENLO PARK, CALIFORNIA

Mention The Review when you write.

CYCLAMEN

7-inch pots, very heavy ..... per 10, $7.50
For Thanksgiving and Christmas delivery, plants to be exceptionally well flowered.

ASPARAGUS PLUMOSUS NANUS

2½-inch pots, from flats, ready for 3-inch pots ..... per 100, $2.50; per 1000, $20.00

Carnation Rooted Cuttings for January, February and March Delivery. Beacon, Dorothy Gordon, Enchantress, Rose-pink Enchantress, Victory, Winsor, White Perfection. Healthiest, cleanest plants you can find on Pacific coast. No cuttings taken from outdoor stock. Send for Price List.

H. HAYASHI & CO., 73rd and Thomas Streets, Elmhurst, Cal.

Mention The Review when you write.

CYCLAMEN

7-in. pots, per doz	$ 9.00
6-in. pots, per 100	65.00
5-in. pots, per 100	$45.00 to 50.00
4-in. pots, per 100	25.00
Cyclamen, 25,000 August seedling plants, all separate colors ..... per 100, $2.00; per 1000,	18.00
Asparagus Plumosus, 3-in. pots, per 100	7.00
" " 2-in. pots, per 100	3.00
" **Sprengeri**, 3-in. pots, per 100	5.00
" " 2-in. pots, ready for shift, per 100	2.50
Boston Ferns, per 100 ..... $25.00, $40.00 and	50.00
Elegantissima Ferns, 100, 25.00 40.00 and	50.00
Whitmani Ferns, per 100, 25.00, 40.00 and	50.00

F. O. B. Portland.

R. KEIL, - Lents, Oregon

SHASTA DAISIES

Alaska, California and **Westralia,** extra strong field divisions, $24.00 per 1000; $2.50 per 100.

Cyclamen Persicum Giganteum, 3, 4 and 5-in. pots, $7.00, $12.00 and $20.00 per 100. Fine bushy plants, well budded.

Asparagus Plumosus, 3-in., $5.00 per 100.

Asparagus Sprengeri, 3, 4 and 5-in. pots, $5.00, $8.00 and $15.00 per 100.

Also **Shasta Daisy, Pentstemon Hybridum Grandiflorum, Delphinium Hybridum** and other choice seeds. Send for list.

Cash, please.

FRED GROHE, Santa Rosa, Cal.
R. D. 4.

Always mention the Florists' Review when writing advertisers.

To FLORISTS and DECORATORS:

Beautiful English Holly

for CHRISTMAS

profusely berried, grown at Portland, Ore., on the famous Crystal Springs Farm belonging to the Ladd estate, carefully and freshly cut for shipment, at the following prices, crated, f. o. b. Portland.

25 lbs.....75c per lb.
50 lbs.....60c per lb.
100 lbs.....50c per lb.

Orders filled strictly in rotation while stock lasts. Cash with orders, or references.

THE SIBSON ROSE NURSERIES
1180 Milwaukee Ave., Portland, Ore.

Mention The Review when you write.

ers as the Brown Bros., and we hope he will continue with us and continue the popularity he has achieved.

Messrs. Peacock have opened a store on Yates street. F. B.

PORTLAND, ORE.

Thanksgiving business was beyond expectations. There was plenty of stock, which moved well at good prices. Mums were the best selling commodity, on account of the annual football game. Only the lesser grades were left. Carnations sold out clean early in the day. Violets also moved well, but the market was deluged with California stock, which is unsatisfactory to the public. Begonias, cyclamens and mum plants moved well, the prices being within reach of all. Greens are scarce, especially asparagus. Huckleberry and grape are used extensively for decorative purposes. The supply of mistletoe exceeded the demand. It is considered a nuisance, as the sales are usually small and the salesman's time is valuable.

E. R. C.

SAN FRANCISCO.

The Market.

Although the Thanksgiving business has not been entirely canvassed in this city among all the growers, we have a fair knowledge of conditions in general. As compared with last season, the storekeepers seemed quite as busy, but the sales were for smaller amounts. This shows that the public was content to purchase cheaper articles in most instances. Red berries and violets represented a large part of the sales. Carnations were in large supply and sold at low prices, but they moved well under these conditions. Fancy roses were scarce and were held at good figures, but second quality stock was overplentiful and cheap. Mums were in better quality and in larger quantity than one year ago; the prices throughout, except in the case of the white sorts, were also about twenty-five per cent lower. Valley was plentiful and moved only fairly well. Poinsettias from the south were in good shape, but the public took to them only tolerably. Small plants in flower, such as cyclamens and primulas, were bought out. Larger ferns and palms did not do so

Rooted Carnation Cuttings

NOW READY

White	100	1000
White Enchantress	$2.50	$20.00
White Perfection	2.50	20.00
Alma Ward	2.50	22.50
White Wonder	6.00	50.00
Pink	**100**	**1000**
Enchantress	$2.50	$20.00
Rose-pink Enchantress	2.00	18.00
Dorothy Gordon	3.00	25.00
Pink Delight	3.00	25.00
Washington	6.00	50.00
Princess Charming	6.00	50.00
Admiration	2.00	18.00

Red	100	1000
Beacon	$2.00	$17.50
Victory	2.00	17.50
Crimson	**100**	**1000**
Harlowarden	$1.75	$15.00
Yellow	**100**	**1000**
Eldorado	$1.75	$15.00

We quote unrooted cuttings in the issue of Nov. 16.

Express charges on rooted cuttings amounting to $10.00 or more prepaid.
25 at 100 rate; 250 at 1000 rate.
Asparagus Plumosus Nanus, 3½-inch, $5.00 per 100.

Loomis Carnation Co.

D. F. RODDAN & SON, Props. LOOMIS, Placer Co., CAL.

Mention The Review when you write.

Rooted Carnation Cuttings

DECEMBER DELIVERY

WHITE	100	1000
Pure White Enchantress	$2.25	$20.00
White Perfection	2.25	20.00
Alma Ward	3.00	25.00
PINK		
Dorothy Gordon	3.00	25.00
Pink Delight	3.00	25.00
Mrs. C. W. Ward	3.00	25.00
Enchantress	2.00	18.00
Rose-pink Enchantress	2.00	18.00
Winsor	2.00	18.00

PINK	100	1000
Winona	$2.00	$18.00
RED		
Beacon	2.00	18.00
Victory	2.00	18.00
O. P. Bassett	2.00	18.00
YELLOW		
Eldorado	2.00	18.00
VARIEGATED		
Prosperity	2.00	18.00

We prepay express charges on orders amounting to $10.00 or more.
25 at 100 rate; 250 at 1000 rate.
Cash, or satisfactory references.
For prices on unrooted cuttings see The Review of October 19.

BASSETT'S FLORAL GARDENS, B. S. BASSETT, Proprietor **LOOMIS, CAL.**

Los Angeles Flower Market

CHAS. E. MORTON, Mgr. **414½ S. Broadway, Los Angeles, Cal.**

The best equipped wholesale house on the Pacific Coast. Handling the entire cut from eighteen large growers. Chrysanthemums, Roses, Carnations, Violets, Plumosus, Ferns, Smilax, in fact everything in season.

FLORISTS' SUPPLIES

Write, telegraph or telephone your orders. Prompt attention given.

GREENS

We make a specialty of Decorative Greens: Smilax and A. Plumosus Strings, A. Plumosus and A. Sprengeri Sprays. Also cut flowers. Write for prices.

Walter Armacost

OCEAN PARK :: :: CAL.

CARNATION CUTTINGS

Rooted or unrooted.

California Carnation Co., Loomis, Cal.

NOTICE

To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the continent of Europe: Your best means of doing this is to take in the

Horticultural Advertiser

Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade.

A. & C. Pearson, Lowdham, Nottingham, Eng.

well. All sorts of green stuff had heavy sale, even heavier than last season.

Owing to the continued warm weather, the supply of flowers was the greatest ever seen here. Funeral trade, however, continues brisk and uses up almost all the light colored stock, so that, even with only the suitable flowers in great demand, the excess of showy colored stock is not noticed.

Various Notes.

J. Alfred Johnson, representing the Turlock Nursery Co., of Turlock, Cal., is in town interviewing the local dealers.

John Vallance, of C. C. Morse & Co., has returned from a trip to Los Angeles and vicinity.

Charles Hoag is with the Hollowell Seed Co., at the Market street store.

G.

ROSES IN CALIFORNIA.

[A paper by John Gill, of West Berkeley, Cal., read at the convention of the California Association of Nurserymen, at Los Angeles, Cal., November 23, 1911.]

The cultivation of field-grown roses in California has assumed large proportions within the last few years. This refers not only to plants grown on their own roots, but to budded stock as well, and it is only within a comparatively short time that the latter sort has become so popular that many hundreds of acres are devoted to it. Many roses are of highly satisfactory growth when raised on their own roots. By this statement is meant that they root easily, grow strongly and transplant readily. These are ideal conditions when they exist and are the only things to be considered if we would make a success in handling stock after this method. Unfortunately, a majority of our best sorts only possess one or two of these essentials, and, unless all these qualities are present, the effort with that particular variety can not be deemed a good risk.

Some roses root readily, but the quality of the roots is not such that they are to be recommended for transplanting purposes. This is a serious point and one that has caused great annoyance, but it might be well to state here that this characteristic is controlled largely by the quality of the soil, the plan of irrigation pursued and the amount of cultivation given. Each contention mentioned here has a direct bearing on all the others, and even under the best possible conditions many kinds will not make sufficient growth of either top or root to make salable plants in a reasonable time. Many pages might be written on any of the phases mentioned here, and as one thought leads to another we will now turn our attention to budded stock.

Planting the Wild Stocks.

First of all, let us consider the proper time for planting the wild stocks. This is so dependent on climatic conditions for the ripening, heeling in when necessary, and lining out, that every location is a law unto itself, and local conditions can not be handled in a general way. Presuming, then, that the stock is made into cuttings of usual length and caliber, of well ripened wood and free from borers or other pests, we will next note the soil. Roses, as we all know, prefer stiff, heavy loam, with good drainage. An excess of sand means

Kentia Belmoreana	Each	Doz.
6-in. pots, 22 to 26-in. high	$1.50	$17.00
6-in. pots, 26 to 30 in. high	2.00	23.00
7-in. pots, 32 to 36-in. high	3.00	35.00
8-in. pots, 38 to 44-in. high	5.00	
9-in. pots, 46 to 52-in. high	7.50	
Phoenix Roebelenii		
5-in. pots	1.00	11.00
6-in. pots	1.75	20 00
Araucaria Excelsa		
6-in. pots, 14 to 16-in. high	1.25	14.00
6-in. pots, 16 to 18-in. high	1.50	17.00
8-in. pots	5.00	
Aspidistra		
7-in. pots	1.50	

Asparagus Plumosus Nanus
3-in. pots.....per doz., $1.00; per 100, $8.00

Ferns, Elegantissima Improved
4-in. pots....each, 25c; per doz., $2 50; per 100. $20.00
8-in. pans.....each, $1.00 and 1.50

Cyperus
6-in. pots.....each, 50c; per doz., $5.00

Anthericum Vittatum Variegatum
5-in. pots.....each, 30c; per doz., $3.00
This makes a better plant in a 5-in. pot than a Pandanus Veitchii; fine for filling Xmas baskets.

Cyclamen Giganteum, in bloom
4-in. pots.....each, 30c; per doz., $3.00
6-in. pots.....each, 60c; per doz., 7.00

Poinsettias	Each	Doz.
5-in. pots, 1 plant in pot	$0.40	$4.50
6-in. pots, 1 plant in pot	.60	7.00
7-in. pans, 4 plants in pan	1.00	
8-in. pans, 4 plants in pan	1.50	

—Cash, please.—

SEATTLE FLORAL CO.
Fourth Ave. and Denny Way, Seattle, Wash.
Mention The Review when you write.

STOCK PLANTS OF
Chrysanthemums
of the following varieties: Golden Glow, Major Bonnaffon, Colonel Appleton, October Frost, White Chadwick, Pink Maud Dean, Pacific Supreme and Amateur Conseil, at 60c per dozen; $4.00 per 100.
MEDFORD GREENHOUSE, Medford, Ore.
Mention The Review when you write.

CHRYSANTHEMUM STOCK
Smith's Advance, Polyphome, Sisiwath, Donatello, Pres. Taft, Mrs. Chas H. Totty, Chadwick Improved, all standard varieties, $4.00 per 100.
Carnation Cuttings, good, healthy stock of Beacon, Enchantress, White Enchantress, White Perfection, Sangamo, Shasta, Craig, C. W. Ward, Alma Ward, $25.00 per 1000.
Violets, Geraniums, Bedding Plants.
Write for price list.
Van Slyke & Seamons, R. F. D. No. 2, Box 18, Tacoma, Wash.
Mention The Review when you write.

Sweet Pea Seed
"The Three Incomparable Reds"
Thos. Stevenson, orange-scarlet Spencer.
Maud Holmes, crimson (sun-proof) Spencer.
Kelway's Black, grandiflora.
Write for prices.
LEONARD COATES NURSERY CO.
Morganhill, Santa Clara Co., Cal.
Mention The Review when you write.

RAHN & HERBERT
110 E. 49th St., PORTLAND, ORE.
Marguerite Mrs. F. Sander, 2½-in. pots, fine plants, $15.00 per 100.
Heliotrope Centifleur, 2½-in. pots, $10.00 per 100.
Hall Caine Geranium, largest and best bloomer of all, single, red, 2-in. pots, $5.00 per 100.
Palms, Ferns and Araucarias. Write for prices.
Mention The Review when you write.

SELAGINELLA EMMELIANA
Beautiful 3-in. stock for Jardinieres,
$8.00 per 100
SWISS FLORAL CO., Portland, Ore.
Mention The Review when you write.

PALMS PALMS PALMS PALMS PALMS
Washingtonia, Seaforthia, Phoenix, etc.
Write for our wholesale palm list.
EXOTIC NURSERIES, Santa Barbara, Cal.
PALMS PALMS
Mention The Review when you write.

Chrysanthemum Stock Plants

	Per doz.	Per 100
WHITE		Per plant
Mrs. David Syme		$1.00
Other Varieties		
W. Oct. Frost	$0.60	$4.00
Kalb	.60	4.00
White Cloud	.60	4.00
Ivory	.60	4.00
Virginia Poehlmann	.60	4.00
Touset	.60	4.00
Alice Byron	.60	4.00
W. Eaton	.60	4.00
W. Jones	.60	4.00
W. Chadwick	.60	4.00
Jeanne Nonin	.60	4.00
YELLOW		
Yellow Oct. Frost	.75	5.00
Monrovia	.60	4.00
Oct. Sunshine	.60	4.00
Halliday	.60	4.00
Yellow Ivory	.75	5.00
Major Bonnaffon	.60	4.00
Y. Eaton	.60	4.00
Golden Chadwick	.60	4.00
Yellow Jones	.60	4.00
PINK		
Pink Ivory	.60	4.00
Balfour	.60	4.00
Dr. Enguehard	.60	4.00
Maud Dean	.60	4.00
RED		
Intensity	.60	4.00
Shrimpton	.60	4.00
BRONZE		
Fancy Bronze	.75	5.00

ROOTED CARNATION CUTTINGS

	R. C.		2½-in. pots	
	100	1000	100	1000
Enchantress	$2.50	$20.00	$3.50	$30.00
White Enchantress	2.50	20.00	3.50	30.00
Winsor	2.50	20.00	3.50	30.00
Harlowarden	2.50	20.00	3.50	30.00
Beacon	3.00	25.00	4.00	35.00

Woodland Park Floral Co.
S. Poolman, Mgr. SUMNER, WASH.
P. O. Lock Box 86. Phone Farmers 84.
Mention The Review when you write.

A TUB THAT LASTS



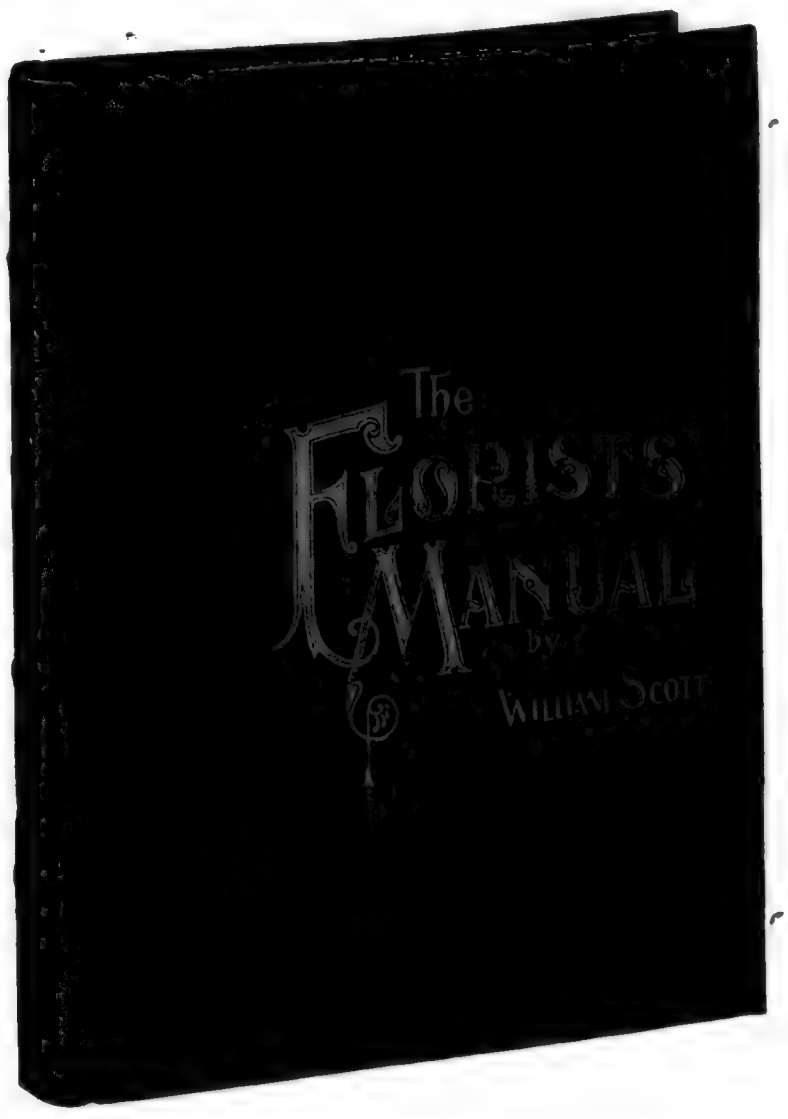
Other Tubs will disgust them.
Patton Cedar Plant Tubs
last for years and the plants thrive in them. Special sizes to order. Write for prices.

PATTON WOODEN WARE CO.
SEATTLE, WASH.

BARGAIN PRICES
Selling out all nursery stock except Kentias
Phoenix Canariensis, from 12-inch tubs, of fine appearance, 3½ feet, $1.25 each.
Phoenix Canariensis, balled and ready for shipment, 2, 2½, 3, 3½, 4, 4½, 5, 5½ feet, at 40c, 50c, 60c, 80c, $1.00, $1.20, $1.45, $1.75 each.
Phoenix Can., from 2½-inch, $5.00 per 100.
Washingtonia Rob., from 2-inch, $4.50 per 100.
Cocos Plumosa, balled, 3, 4, 5, 6, 7 feet, at $1.50, $2.00, $3.00, $4.50, $6.00 each.
Write for special prices on carload orders.
Kentia Nurseries, - Santa Barbara, Cal.
Mention The Review when you write.

Asparagus Plumosus and **Sprengeri**
Out of 2-inch pots, $3.00 per 100.
Phoenix Canariensis, out of 2½-inch pots, $5 00 per 100.
Washingtonia Sonorae, out of 2-inch pots, $5.00 per 100.
H. KEMPF, Pacific Nursery
3041 Baker St., SAN FRANCISCO, CAL.
Mention The Review when you write.

MARGUERITE MRS. F. SANDER
The new double white. Try it. You will like it.
R. C., $2.50 per 100
CALLAHAN FLORAL CO., Ventura, Cal.
Mention The Review when you write.



THE IDEAL

CHRISTMAS GIFT

The Florists' Manual

A Business Book for Business Men

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Thoroughly Revised and Brought Up to Date

No dry-as-dust botanical classifications, but tells you just how to produce marketable plants and cut flowers in the best and cheapest way.

Just the thing for a gift for your employees or friends in the trade. Give us the name of the person you wish to remember. We will ship the book in time for delivery **CHRISTMAS MORNING, with a letter telling that the book is sent with your best wishes.**

Treats of over 200 subjects, and is freely illustrated with fine half-tone engravings.

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Florists' Publishing Co.

Caxton Building, 508 So. Dearborn St., CHICAGO

that an excess of water must be used, followed always by an excess of young growth which is not prone to ripen, and an excess of dead roses after transplanting. This is the reason why so many growers have not been successful in the warm, dry parts of California, where good stock can not be grown without lots of water, always followed by the train of unavoidable disasters just mentioned.

Cultivation first, last and all the time, during the spring and summer, is the key to successful rose growing in this state, and by no other method has any grower achieved anything except pecuniary loss. When the cuttings, climate and soil are right, we may next devote our attention to the planting. Always place the stocks deeply in the ground and see that the soil is packed around them firmly. Commence cultivating thoroughly as soon as the weather permits.

As to the choice of stocks, there is quite a diversity of opinion as to what should be used for the various sorts to be worked on them. Many varieties absolutely refuse to make a union with certain wild roses. Others make a half-hearted connection, and wait patiently for a good wind storm, when they may sever their irksome bonds. Some are quite discriminating in one locality and not in another. Others work well on several sorts and some, apparently, will not grow on anything. So on down the line—a constant study, with the end always in view of finding out what is best for your particular purpose. From this it will be seen that, to make a success in this division of rose growing, many particulars must be kept constantly in mind and eternal vigilance must be your watchword.

Council Bluffs, Ia.—Fires, resulting from heating pipes, called the department twice on the night of November 28 to the Wilcox greenhouses on East Pierce street. The first call came at 6:20 and the blaze was soon extinguished by the firemen. Three hours later, another blaze was discovered in the same place and was again subdued with little trouble. The damage to the building was nominal.

WE ARE HEADQUARTERS FOR

True English Holly

Green and heavily berried.

Largest stock of Cut Flowers, Native Greens, etc., in the northwest.

Wire, phone or write.

Seattle Cut Flower Exchange, 909 Pest Street, SEATTLE, WASH.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS December Delivery

	100	1000		100	1000
Rose-pink Enchantress	$2.00	$18.00	Victory	$1.80	$17.00
Enchantress	1 80	17.00	Winona	1.70	16.00
W. Enchantress	2.00	18.00	W. Perfection	2.50	24.00
Beacon	1.80	17 00	G. P. Bassett	2.50	20.00
Harlowarden	1.70	16.00	Winsor	2.00	18.00

All heel cuttings and well rooted. Place your order NOW.

FALLEN LEAF GREENHOUSES, Roseville, Cal.

Watsonia Ardernei Alba

Good, strong, flowering bulbs, doz., $1.00; 100, $7.00.

Dracaena indivisa, good, hardy plants, for 2-3-in. pots, hundred, $1.00.

By free delivery.

HENRY MELDE, EUREKA, CALIF.

Mention The Review when you write.

50,000 PANSY PLANTS

of the best mixtures known, stocky plants, ready to transplant now.....50c 100; $3.00 1000. Cash, please.

F. G. EHLE, 224 Sanborn Ave. SAN JOSE, CAL.

Mention The Review when you write.

Nursery Stock For Florists' Trade

Large General Assortment for Spring Planting

WRITE FOR TRADE LIST

W. & T. SMITH COMPANY, Geneva, N. Y.

800 ACRES — 65 YEARS

Mention The Review when you write

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Officers for 1911-12: Pres., J. H. Dayton, Painesville, O.; Vice-pres., W. H. Wyman, North Abington, Mass.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-seventh annual meeting, Boston June 1912.

THE shipping season with the firms at the Illinois nursery center at Bloomington has been a prosperous one in spite of the early arrival of winter weather. The prospects for spring are said to be excellent.

THE eighth annual meeting of the American Breeders' Association will be held at the Masonic Temple, Washington, D. C., December 28 to 30. Dr. H. J. Webber, Ithaca, N. Y., is secretary of the plant section.

THE ninth annual meeting of the Alabama State Horticultural Society will be held in Jasper, Ala., January 25 to 27, 1912. This meeting will be of great interest to the fruit and vegetable growers of the state, as several new features have been arranged. Several large spray pump machinery companies have signified their intention of demonstrating their outfits. There will be demonstrations in pruning and setting of fruit trees. Jasper is in the center of a rapidly growing fruit section and a large attendance is expected from that vicinity. F. P. Williams, Audubon, is secretary.

WHEN the will of the late John Siebenthaler, the nurseryman of Dayton, O., was probated, it was found that he had made unusually careful arrangements for the preservation of the home life of the family till 1919, when the youngest child shall reach his majority. In the will the nurseryman asks that the home life of his family be continued unbroken for ten years from the date of the instrument; that his 18-acre farm be cultivated and held in trust for his children by his sister Margaret, who is named guardian, and that the nursery business be continued in the interest of the children for that length of time. The estate is valued at something over $15,000.

THE PRIVET SOLD.

Great are the classified advertisements:

I have had excellent results from my classified advertisement of privet in The Review.—Charles L. Smith, Penn's Grove, N. J., November 27, 1911.

PITTSBURGH, PA.

The Market.

The closing week of November was a satisfactory one and ended a month which, taken as a whole, was highly successful. The retailers have all had their busy days, as well as times when there was little to do, but the result has been as good as in other years, and in a few cases some better. The wholesalers report a satisfactory month, with more chrysanthemums handled than ever before, and although there were no fancy prices, the general average was fair.

Thanksgiving business was all that was expected of it. There was no scarcity of flowers of any kind and everything cleaned up nicely. Stock never was better for Thanksgiving; in fact, there was practically no rubbish of any kind. Beauties were rather on the scarce side, but fine Killarney, both pink and white, and Richmond were plentiful enough to supply all demands. Prices were quite reasonable and by Thursday morning everything was cleaned up.

Various Notes.

The retail shops all had their usual fine window displays last week. The A. W. Smith Co. had one large window devoted to a display of orchids in great variety and as used in various corsage bouquets. The arrangement of the window was deserving of credit.

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City. Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS, Nurserymen and Florists RUTHERFORD, N. J.

Mention The Review when you write.

Clematis Paniculata

Strong, Field-grown Stock.

2-year, No. 1, $7.00 per 100; $60.00 per 1000.

Extra selected, $8.00 per 100; $70.00 per 1000.

VICK & HILL CO.

P. O. Box 613 ROCHESTER, N. Y.

LEEDLE SPRINGFIELD ROSES

2½-in. Shipping — Booking — 4-in. Growing

FIELD GROWN SHRUBS IRIS PÆONIES ROSES — THE USN CO

The United States Nursery Co.

Roseacres, Coahoma Co., MISS.

Mention The Review when you write

SOMETHING NEW

Climbing Crimson Baby Rambler Rose Bushes

Very branchy, over 3½ feet tall, just right for spring forcing. For immediate or later shipments, 65c each; $6.00 per dozen.

Pure Greenhouse Fertilizer will make your plants and carnations grow and bloom. $2.50 per bag.

ALONZO J. BRYAN

WHOLESALE FLORIST

Washington, New Jersey

Mention The Review when you write.

FINEST CANNAS

IN THE WORLD

See our 2-page ad. in issue of Nov. 16th.

The Conard & Jones Co.

WEST GROVE, PA.

FRUIT TREES Prices Reasonable — APPLE and PEACH. Large stock Fine Trees, commercial varieties. **Mitchell Nursery,** Beverly, Ohio

ROSES FOR FORCING

"THE J. & P. PREFERRED STOCK"

We consider the deliveries we are now making to be the best plants we have ever grown. We have a few left for late buyers.

CRIMSON RAMBLER, HIAWATHA, VEILCHENBLAU (Blue Rambler), WHITE DOROTHY, PHILADELPHIA RAMBLER, at $15.00 per hundred.

TAUSENDSCHON .....$18.00 DOROTHY PERKINS.....$12.00

BABY ROSES

Crimson, Baby Rambler, $15.00 per 100.
White, Katherine Zeimeth, $15.00 per 100.
Pink, Mrs. Cutbush, $15.00 per 100.
Scarlet, Jessie, $3.00 per dozen.
(The BEST Baby Rose for pot culture.)

The following bush roses at $15.00 per hundred:

American Beauty, La France, Killarney, Hermosa, Leonie Lamesch, Hugh Dickson, Mme. Caroline Testout, Kaiserin, Duchess of Albany, Etoile de France, Clothilde Soupert, White Cochet, Gruss an Teplitz, Anny Muller, Maman Cochet, Magna Charta.

All fine forcing grade, the very best plants selected out of immense blocks.

HALF-STANDARDS, Baby Ramblers, imported, at $3.00 per dozen.

JACKSON & PERKINS CO., Rose Growers for the Trade. Wholesale Only. **Newark, New York.**

Mention The Review when you write.

Mrs. E. A. Williams, as usual, made her display of but one thing last week. It consisted of begonias arranged in a most attractive manner.

H. L. Blind & Bros. reported a splendid trade in their city store, where they had an attractive showing of plants and flowers.

Randolph & McClements made most elaborate decorations in both their stores, using some choice plants and flowers, arranged chiefly for general effect for the whole store instead of as a window display.

The Ziegler Co. was not behind in any way. Some fine bunches of mums in large vases found ready purchasers.

G. P. Weaklen & Co. were well pleased with their Thanksgiving trade.

There is one thing that our retailers are "wise to," and that is that their goods must be displayed so as to attract purchasers and that there must be at least a few arrangements of some kind always in sight, so that new people may be able to make selections without having to describe things with which they are not familiar.

One of our largest retailers says that he thinks the street men are a means of educating people who could not be coaxed into the larger stores, but will buy a few flowers from time to time until they finally regard them as necessities.

The Pittsburgh Cut Flower Co. has been making some large shipments of boxwood sprays since Thanksgiving and reports an unusual demand for this attractive evergreen.

The Pittsburgh Florists' Club, through President Jones, is making an effort to boost Pittsburgh as a city of flowers and plants, by having it written up for the Sunday papers.

E. D. Smith, Adrian, Mich., was a visitor Tuesday, December 5, and gave a talk at the Florists' Club meeting.

Ray Dashbach has his new store open and had a better Thanksgiving business than he expected. He has Wm. Murray as assistant. Hoo-Hoo.

Erie, Ill.—Clarence Peckham, who has been in business here only a short time, finds trade so good that he is planning to build another greenhouse.

California Privet

Grown as a Specialty

You go to a specialist in other lines of business because you know you will get the best service. This applies to growers of nursery stock as well. Give me a trial and be convinced.

I have a large block to move this fall and will quote you prices that will enable you to get California Privet business. The stock will be as fine as can be grown. Send your list at once.

I AM GROWING CALIFORNIA PRIVET TO SELL, AND I SELL IT. THERE MUST BE A REASON.

C. A. BENNETT, Robbinsville, N. J.

Mention The Review when you write

PEONIES

We have one of the finest stocks anywhere in the country and should be very glad to figure with you on your list of wants.

PETERSON NURSERY,
Stock Exchange Building, CHICAGO

Mention The Review when you write.

Peonies

ROSE GARDENS, NORTH EMPORIA, VA.

Mention The Review when you write.

LARGE TREES
OAKS AND MAPLES, PINES AND HEMLOCKS
ANDORRA NURSERIES
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Mention The Review when you write.

California Privet

A full supply for all who need well grown, well graded, well rooted and well packed 2-year-old

California Privet

Only strong branches counted. Satisfaction guaranteed.

	Per 100	Per 1000
12 to 15 in., branches	$1.00	$ 7.00
15 to 20 in., 3 or more branches	1.50	10.00
20 to 30 in., fine, 4 or more branches	2.00	15.00
2½ to 3 ft., strong, 6 or more branches	3.00	25.00
3 to 4 ft., extra h'v'y, 8 or more branches	4.00	30.00

10 per cent off on 5000 lots of the first four grades. Special low rates on car lots. Correspond before purchasing.

Chas. Black, Hightstown, N. J.

Mention The Review when you write.

HARDY CHOICE
ORNAMENTALS
Ask for Prices
Hiram T. Jones
Union County Nurseries, Elizabeth, N. J.

Always mention the Florists' Review when writing advertisers.

YOU WHO WANT

Early Cuttings

Place your orders and get

IMMEDIATE DELIVERY

	Per 100	Per 1000		Per 100	Per 1000
Enchantress, White Enchantress, Beacon,	$3.00	$25.00	White Wonder, Gloriosa, Norwood,	$6.00	$50.00

Dorothy Gordon, $4.00 per 100; $35.00 per 1000
Perfection, - 3.50 per 100; 30.00 per 1000
Winsor, - $2.50 per 100; $20.00 per 1000
Rose-pink Enchant., 2.50 per 100; 20.00 per 1000

J. D. Thompson Carnation Co., Joliet, Ill.

Mention The Review when you write

BRANDYWINE SUMMIT, PA.

Edmond A. Harvey extended a cordial invitation to visit him at his place in Delaware county, where those famous carnations, sweet peas and mignonette are grown for the Leo Niessen Co. It was a splendid November day, not dull and dreary, as the melodramatic story writers love to say, but one of those days when the crisp air and bright sunshine make the two-mile walk end all too soon. It was just before the close of the popular lunch hour, giving a few minutes to enjoy the landscape and a new tile house that Mr. Harvey is building; silent testimony to the success of his business enterprise. While Mr. Harvey's father and brother take a deep and active interest in the greenhouses, this enterprise is more particularly his own. The large farm is the special pride of his brother, Evans Harvey. Alban Harvey lends the weight of his name and council to both enterprises, giving each of the young men the advantages of a father's help.

The place is devoted to carnations, sweet peas and mignonette. The carnations occupy all but one house; there are 40,000 plants on the benches, divided among a few of the best varieties. Winsor, planted in the tables in May, may be described as the standard pink. Enchantress still has a limited space at its command. Mrs. C. W. Ward appears to be the coming pink; foliage, flower and stem were all fine. White Perfection stands almost alone among the whites; Alma Ward is its sole competitor. Mr. Harvey doubts whether Alma Ward is free flowering with them. The scarlets and reds are an important class; Beacon, Victory and an undisseminated seedling of C. W. Ward occupy considerable space, especially the first two. The plan followed with these reds is interesting, for here tomatoes will be grown early next year. Mr. Harvey says that the price of tomatoes, though higher now than in the spring, does not warrant a fall or a winter crop.

The new house built last summer and fall is planted with sweet peas. Florence Denzer, a standard white for winter blooming, constitutes about twenty-five per cent of the stock; Christmas Pink, about sixty per cent, and Wallacea, the catchy name given to that sterling lavender, Mrs. Alexander Wallace, about fifteen per cent. Some idea can be formed of the sweet peas from the size of the house, 64 x 250, a vast affair, seemingly none too high for the vigorous, long-legged peas that are climbing skyward so rapidly.

Mignonette is given space in two of

[Concluded on page 80.]

ROOTED CUTTINGS

CARNATIONS

Strong, clean, healthy stock; well rooted when shipped. Ready January 1.

	100	1000		100	1000
Beacon	$2.50	$20.00	White Perfection	$2.00	$17.50
White Enchantress	2.50	20.00	Rose-pink Enchantress	2.00	17.50
Enchantress	2.00	17.50			

PETER REINBERG

30 East Randolph Street CHICAGO

Mention The Review when you write.

KILLARNEY

Double Killarney is the best pink rose for warm weather. Contracts made for cuttings, eyes or own root plants.

JOHN WELSH YOUNG, Upsal Sta. P. R. R., Philadelphia, Pa.

Mention The Review when you write.

Christmas Cheer

CARNATION

In bud and bloom, in 5 in. pots, $ 5.00 per doz.
In bud and bloom, in 8-in. pots, 10.00 per doz.
Just the thing for Xmas. Cash with order, please.

HENRY EICHHOLZ, Waynesboro, Pa.

Always mention the Florists' Review when writing advertisers.

New Carnations

Wodenethe, the perfect white. This variety is delightfully fragrant and will average in size larger than any other Carnation in cultivation. Stem stiff and the calyx positively will not split. Every bloom is a high grade flower. Look over your whites and notice the percentage of splits during the month of December and then figure that **WODENETHE** in the same bench would not split at all. Immediate delivery.

Step in and see it growing and judge for yourself.

Brooklyn, Weber's new pink seedling. Freer than any other Carnation I have ever handled. You will buy this flower eventually; why not buy it now?

Prices on these two Carnations, **$12.00** per hundred; **$100.00** per thousand.

CHARLES H. TOTTY, Madison, New Jersey

ROOTED
CARNATION
CUTTINGS

	Per 100	Per 1000
Alma Ward, white	$4.00	$35.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
Winsor, pink	3.00	25 00
Pink Enchantress	3 00	25 00
C. W. Ward, deep pink	4 00	35.00
Beacon, red	3 00	25.00

We have the cleanest stock in the West. If you want the best, then send us your early orders. We grow **only** the best commercial varieties, and save you that big freight and express charge from the East. Come any time and see us—and the flowers we grow.

W. H. Sawvel Floral Co.
115 Clinton Place, Kansas City, Mo.

Mention The Review when you write.

YOU Will find all the best offers all the time in the Review's Classified Advs.

ST. NICHOLAS

We want to show our new scarlet carnation before every florists' club within reasonable shipping distance. If you want to see it, just let us know the date of your meeting and give shipping directions. We want you to see it, because to see it is to want it. On December 11th we will show it before the **Philadelphia Florists' Club.** If you cannot go to see it there, watch the "Review" for reports.

We will book your order any time for early delivery.

$12.00 per 100. $100.00 per 1000

BAUR & STEINKAMP
Carnation Breeders Indianapolis, Ind.

Don't Delay Ordering
BENORA
NOW, for seasonable delivery.

Write for descriptive circular. Cultural directions with each shipment.

$12.00 per 100; $100.00 per 1000.

PETER FISHER, Ellis, Mass.

THE NEW YELLOW FORCING ROSE SUNBURST



This magnificent, giant yellow rose has been tested for three years in our benches; it stands head and shoulders above all other sorts of its color and will rank with American Beauty and the Killarneys in value and grandeur—because

It has a long, pointed bud, which can be cut tight for market. It is pre-eminently a long-stemmed rose. The stem is always stiff. It is free in bottom breaks. Is extraordinarily vigorous and healthy. Belongs in the class of **Big Roses.** Its keeping qualities rank with the best. Buds shipped from Richmond last December opened up perfectly in both Philadelphia and New York, where it scored 90 before the Florists' Club.

The color is orange-copper or golden orange and golden yellow, all intense shades, extremely brilliant in effect.

Come and see it growing; we have 8,000 of it benched.

Does splendidly out of doors; will rank high as a bedder. At the Chicago show, 1910, it was awarded the silver cup for the best new rose never before exhibited, and the judges unanimously gave it honorable mention additional. Has created a sensation wherever shown.

Raised by M. Pernet-Ducher, from whom we bought the American rights.

We have divided our stock with Mr. C. H. Totty, of Madison, N. J., to give eastern growers a chance to see it growing. Will be distributed March 1 in America by C. H. Totty and The E. G. Hill Co. Mr. Pernet will distribute same date in Europe.

The American price is $30.00 per 100; $250.00 per 1000 (own roots); $5.00 per 100 additional for grafts

THE E. G. HILL CO., Wholesale Florists, RICHMOND, IND.

the older houses. Mr. Harvey thought that the strain grown by Ernst F. Hoehl was superior to his own; he has therefore sown Mr. Hoehl's seed throughout, reserving only a few of his own for comparison. The mignonette is grown for a winter crop, from Thanksgiving until January, when it is replaced by young stock from the carnation propagating house.

The entire place looked well. The two modern houses form an interesting comparison with the older houses; the stock in the newer houses did not appear to be any better than in the old-style houses adjoining, but the newer houses are undoubtedly more easily heated and more economically operated. It is probable that a comparison made in the end of February would not be so favorable for the old-timers as today.

Phil.

DANVILLE, ILL.

Frank B. Smith & Sons report increased sales for Thanksgiving. Pot plants sold well. They had a fine lot of cyclamens, poinsettias and Begonia Glory of Cincinnati. Chrysanthemums were all cleaned up. American Beauties were short. Violets and valley sold well. They have a seedling carnation of Lawson color that is decidedly promising. They are raising a number of seedlings with a view to getting a strain especially adapted to their soil.

S. H.

LOUISVILLE, KY.

A man about 40 or 45 years old, weighing about 180 pounds, and well dressed, who was identified by letters as E. A. Presley, of Baltimore, Md., was killed by L. & N. passenger train No. 39, near Robinson, Harrison county The body was found a few minutes after by the crew of a local freight train. It was badly mangled and the clothes torn. One of the letters on the unfortunate man was a letter of recommendation from E. G. Hill Co., which recommended Presley highly and indicated that he was a florist.

ROOTED ROSE CUTTINGS NOW READY

Kaiserin, per 100	$3.50	Per 1000	$25.00
Perles, per 100	3.50	Per 1000	25.00
My Maryland, per 100	2.00	Per 1000	15.00

All first-class stock, well rooted.

BASSETT & WASHBURN

Office and Store
131 N. WABASH AVE., CHICAGO

Greenhouses
HINSDALE, ILL.

Mention The Review when you write

The Best White Rose Ever Offered

WE SHALL DISSEMINATE

Double White Killarney

We Are Now Booking Orders For March Delivery.

It made a great record at the shows this fall. See it growing at The Budlong Rose Co., in Auburn, R. I., or with us at Cromwell.

Order now to be sure of early delivery.

A. N. PIERSON, Inc., Cromwell, Conn.

Mention The Review when you write.

Double Improved



WHITE KILLARNEY

You will want to grow this rose. **It is good.** It is making new friends every day and is sure to win its place at the head. Excellent for Summer and Winter. **Remember,** it is pure **white.**

We are booking orders now at the following prices:

	Own-root	Grafted
12 plants,	$ 6 00	$ 7.50
25 plants,	10.00	12.50
50 plants,	16.00	18.00
100 plants,	25.00	30.00
250 plants,	60.00	70 00
1000 plants,	200 00	250.00

For larger quantities, write for prices.

We have a large stock already started and can make early delivery.

S. J. REUTER & SON, Inc., Westerly, R. I.

Two Splendid New Climbing Roses

Climbing Baby Rambler

(MISS MESSMAN)

This is a climbing form of the well known Baby Rambler, and embraces all its good qualities. A true ever-blooming Crimson Rambler.

Climbing Mme. Welche

A new ever-blooming climbing tea rose of the most promising type. Has all the valuable characteristics of Mme. Welche, from which it is an offspring. A most desirable rose for the Southland.

We have a fine stock of these two excellent roses and invite correspondence for prices, etc.

The Geo. H. Mellen Co.
Innisfallen Greenhouses, SPRINGFIELD, OHIO

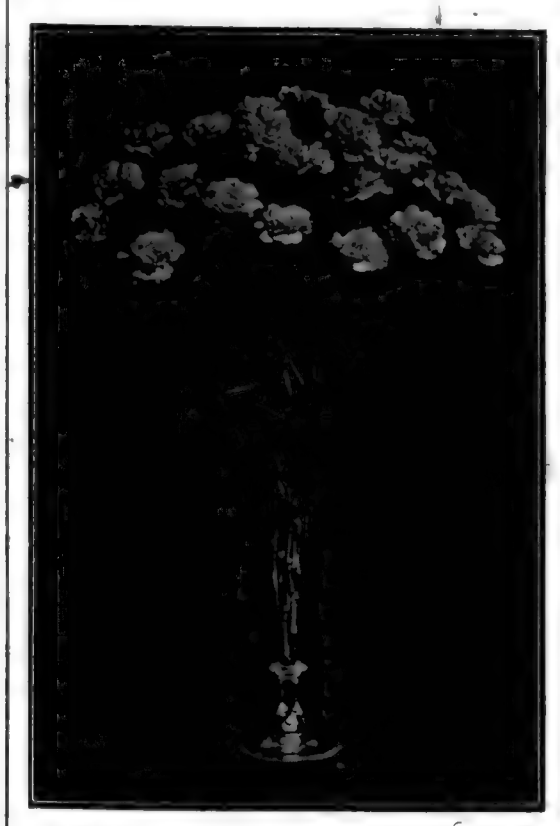
Mention The Review when you write.

MELODY, own root, from 2½-in. pots, $6.00 per dozen; $30.00 per 100; $70.00 per 250; $250.00 per 1000.

DOUBLE PINK KILLARNEY, own root, $4.00 per dozen; $20.00 per 100. $40.00 per 250 $150.00 per 1000. Grafted plants on Dickson's Manetti stock, $10.00 extra per 100.

ROBERT SCOTT & SON,
SHARON HILL, Delaware Co., PA.

Mention The Review when you write.



WHITE WONDER
Average length of stems, September, 21 inches.

ROOTED
Carnation Cuttings

QUALITY the first consideration. Only strong, well rooted cuttings from absolutely healthy plants will be shipped. An order now insures your receiving stock when wished for.

	Per 100	1000
White Wonder Early, free, large pure white, on long, stiff stems	$6.00	$50.00
Gloriosa Delicate light pink	6.00	50.00
Pink Delight Light pink	4.00	35.00
Mrs. C. W. Ward Deep pink	3.00	25.00
Sangamo Deep pink	3.00	25.00
May Day Daybreak color	3.00	25.00
Winona Medium pink	3.00	25.00
Winsor Clear pink	3.00	25.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00

Orders will be filled strictly in rotation. Remittances or acceptable references should accompany the order One-third the amount to be prepaid for cuttings ordered sent C. O. D.

Frank P. Putnam
Pleasant View Gardens, NO. TEWKSBURY, MASS.
P. O. Address, Box No. 12, Lowell, Mass.

Carnation Growers Everywhere



RAINBOW

—IS—

Profitable—Prolific



QUALITY. MERIT.

See adv. Review November 30, for full description.

This Carnation will be a money maker for all who grow it. A trial will convince. It will be your leader and will bring you more money than any other variety, command the best trade in your locality and increase your business. It is a glorified Prosperity with a wealth of bloom, rivaling both Lawson and Enchantress. Orders booked now for January delivery. $12.00 per 100; $100.00 per 1000. 250 at 1000 rate. Liberal discount on large orders.

WANOKA GREENHOUSES, BARNEVELD, NEW YORK

Mention The Review when you write.

THE WESTERN ASSOCIATION.

Growers of the dahlia and gladiolus in the middle west, specially in the states of Ohio, Indiana, Illinois, Iowa, Minnesota, Wisconsin and Michigan and contiguous territory, do not want to miss the bulb show to be held under the auspices of the Western Dahlia and Gladiolus Association, in Chicago, December 15 and 16. Through the courtesy of the A. L. Randall Co., 66 Randolph street, the association has been given free of charge all the room needed for the display of stock. So come, everyone interested, and see what kind of stocks are and can be raised in the west. Everybody invited, all members of the trade and the amateur. Florists would do well to take a few hours off and come to the show for general information as to varieties, etc. Those who grow but a few dahlias or gladioli for their own trade are cordially invited to come. A few hours spent in getting acquainted with the newer varieties may be of value when you come to select from the seedsmen's catalogues what you may need.

Exhibits should be sent, all express charges prepaid, to the A. L. Randall Co., 66 Randolph street, owner's care, if you intend to come personally and look after the unpacking and placing. Or they may be placed in care of the secretary, who will be on the ground the forenoon of December 14 to look after any that may be so ordered. Proper tags will be placed on every exhibit, with the owner's description, etc. Come and bring the best you have if you are growing, and attend the evening meeting at the Sherman House if possible.

The evening meeting will be held at the Sherman House at 7:30. The program will be as follows:

"The Dahlia and Its Future," by W. K. Fletcher, Des Moines, Ia.
"The Gladiolus and Its Future," by A. E. Kunderd, Goshen, Ind.
"Hybridizing and Culture," by H. W. Koerner, Milwaukee, Wis.
"The Association and Its Membership," by E. T. Barnes, Spencer, Ind.
"American Bulbs," by E. S. Thompson, Benton Harbor, Mich.

Short discussions will follow each paper and all are invited to take part.

E. S. Thompson, Sec'y.

MONTGOMERY on Grafted Roses, sent by The Review for 25 cents.

SOME GOOD STOCK

CHINESE PRIMROSES, large 3½-in., double and single, fancy mixed colors, $8.00 per 100.
PRIMULA Obconica, 4-in., fancy mixed in bud and bloom, $5.00 per 100.
ASPARAGUS Sprengeri, large 4-inch plants, $6.00 per 100; good 2½-in., $2.50 per 100.
ASPARAGUS Plumosus, large 2½-in. plants, $3.00 per 100.
ARAUCARIA Excelsa, extra fine plants, 75c. each.
AZALEAS, large plants for Christmas forcing, 75c. each.
RUBBER PLANTS, extra fine, large and healthy, for want of room, $1.00 each.
SMILAX, fine 2½-in stock, $2.00 per 100.
JERUSALEM CHERRIES, 2½-in., $2.50 per 100.
CYCLAMEN, extra fine 3-in. plants, in 6 colors, $7.50 per 100.
GERANIUMS, 2½-in., **Beaute Poitevine, Ricard, Grant, S. A. Nutt, Buchner,** etc., fine stock, $2.50 per 100; $22.50 per 1000; **100,000 on hand.**
BEGONIAS, Flowering, 10 varieties, from 3-in. pots, $4.00 per 100.
FERNS, Boston, Scottii and **Elegantissima,** from pots, fine plants, 10c., 15c. and 20c. each. A bargain; try some.
SNAPDRAGON, white, pink, and yellow; fine stocky 3-in. plants, $5.00 per 100, $45.00 per 1000.
PANSY PLANTS, in abundance; a fine mixed strain, $3.00 per 1000.
CINERARIAS, Fancy Colors, 2½-in., $3.00 per 100; 3½-in., $5.00 per 100.
Marguerites, White and **Yellow,** from 2½-in. pots, $2.25 per 100, $20.00 per 1000.
HELIOTROPE, Light Blue, Dark Blue, White, all large, 2½-in., $2.50 per 100.

Send your order early. Correspondence solicited.

ALONZO J. BRYAN

WHOLESALE FLORIST

Washington, New Jersey

Mention The Review when you write.

Rooted Cuttings

Begonias, flowering kinds, $1.75 per 100.
Verbenas, 70c per 100; $6.00 per 1000.
Pelargoniums, $2.50 per 100.
Ageratums, 60c per 100; $5 00 per 1000.
Daisies and **Salvias,** $1 per 100; $8 per 1000.
Petunias, $1 25 per 100; $10.00 per 1000.
Coleus, 70c per 100; $6.00 per 1000.
All good varieties and named.
Express paid on all rooted cuttings.
Cash with order.

S. D. BRANT, Clay Center, Kan.

Mention The Review when you write.

Rooted Carnation Cuttings

of up-to-date varieties
List on application

LITTLEFIELD & WYMAN
NORTH ABINGTON, MASS.

Mention The Review when you write.



MILLER'S GIANT OBCONICAS

are the best selling plants on the market when in bloom. The engraving shows a few of our seed plants last January. Flowers average larger than silver dollars, with long stems, on a well-grown plant They are a sure money-maker for you. Extra strong, 3-in stock, $5.00 per 100.

Cyclamen Giganteum, in bud, 4 in., $10.00 per 100; 3-in., $5.00 per 100.

Cinerarias, the largest flowering grown, strong 3-in., $3.50 per 100.

Asparagus Plumosus, large 3-in., $4.00 per 100; 2-in., $2.50 per 100. **Asparagus Sprengeri,** 2-in., $2.00 per 100.

Chinese Primrose, extra fine large flowering, 3-in., $4.00 per 100. **Rewensis Primrose,** sweet-scented, for cut flowers and pot plants, 3-in., $4 00 per 100.

Dracaena Indivisa, extra strong, field-grown, 18 to 24 in. high, 3-in., $8.00 per 100; 4-in., $4.00 per 100. Packed light.

These are all well-grown plants and will please you. Cash please.

J. W. MILLER, Shiremanstown, Pa.

Mention The Review when you write.

CARNATIONS

A. JABLONSKY,

OLIVETTE, St. Louis Co., MISSOURI

Mention The Review when you write.

XMAS PLANTS

READY NOW AND LATER

GLORY OF CINCINNATI
3-inch, 25c to 35c each; 4-inch, 40c to 50c each; 5-inch, 65c to $1.00 each.

CYCLAMEN
4-inch, 20c each; 5-inch, 35c to 50c each; 6-inch, 60c to $1.00 each.

OBCONICA GIGANTEA
4-inch, 15c each; 5-inch, 25c each.

PRIMULA, Chinese, Giant Crimson King
4-inch, 15c each; 5-inch, 25c each.

PRIMULA Kewensis, showing buds
4-inch, 15c each; 5-inch, 25c each; 6-inch, 40c each.

AZALEAS, assorted colors
$1.00 to $1.50 each.

POINSETTIAS, all short and stocky
2-inch, 5c each; 3-inch, 10c each; 4-inch, 15c to 20c each; 5-inch pans, three plants in each, 35c each; 6-inch pans, three plants in each, 50c each; 7-inch pans, three plants in each, 75c to $1.00 each.

STEVIA, Dwarf
5-inch, 25c each.

BOSTONS, PIERSONI and WHITMANI, stocky, fine color
3-inch, 8c each; 4-inch, 15c each; 5-inch, 40c to 50c each; 6-inch, 60c to 75c each.

FERNS, good assortment for pans
2¼-inch, $5.00 per 100.

ASPARAGUS PLUMOSUS
2-inch, $3.00 per 100; 3-inch, $6.00 per 100; 4-inch, $15.00 per 100.

CINERARIAS
5-inch, 25c to 35c each; 6-inch, 40c to 50c each.

CARNATIONS
4-inch, 15c each.

BEGONIA BERNA, in bloom, bright colors
4-inch, 15c each; 5-inch, 35c each; 6-inch, 50c each.

GERANIUMS, assorted colors, double
4-inch, 15c each; 5-inch, 25c each.

ROMAN HYACINTHS
4-inch, 20c each; 5¼-inch pans, 50c each; 6-inch pans, 75c each.

LILIES, Giganteums
15c per flower.

ARAUCARIA EXCELSA, fine plants
4-inch, 75c each; 5-inch, $1.00 each; 7-inch, $2.00 to $3.00 each.

KENTIA BELMOREANA
3-inch, 20c each; 4-inch, 35c each; 5-inch, 75c each; 6-inch, $1.00 each.

C. H. FREY, Lincoln, Neb.

Christmas Plants

AZALEAS.

We have a large stock of early varieties that will be in full bloom at Christmas.

Mme. Petrick — the bright, cheerful color of this variety sells it on sight	$0.75	$1.00	$1.50	$2.00	$2.50
Vervaeneana, var.	1.00	1.50			
Pharalide Mathilde, variegated	.75	1.00	1.50		
Simon Mardner, rose	2.00	2.50	3.00		
Deutsche Perle, white	2.00	2.50	3.00		

BEGONIA GLOIRE DE LORRAINE
In prime condition

2¼-inch	$0.10
4 -inch	.35
5 -inch	.50
6 -inch	.75

GLORY OF CINCINNATI

4-inch	$0.50
5-inch	.75
6-inch	1.00

LONSDALE

4-inch, extra fine	$0.50

CYCLAMEN

4-inch	$0.25 and $0.35
5-inch	.50 and .75
6-inch	1.00 and 1.50

POINSETTIAS

3½-inch	$0.20
4 -inch	.25
6 -inch, very fine, 3 ft.	.60
5 -inch, made up with fern	.50
6 -inch, made up with fern	75c and 1.00
7 -inch, made up with fern	1.25

PROSERPINE TULIP

6-inch pan, made up with fern $0.50
This is the best Christmas seller we have. Sells on sight.

CHINESE PRIMROSES

4-inch	$0.10
5-inch	.20

PRIMULA OBCONICA

4-inch	$0.10
5-inch	.25

CHRISTMAS CHERRIES

5-inch $0.30

POT GROWN CHRISTMAS TREES

Nice, small, well shaped trees for table use $0.50

BOXWOOD

Each 25c, 35c, 50c, 75c, $1.00

ASPARAGUS SPRENGERI

2¼-inch ..... $3.00 per 100

ASPARAGUS PLUMOSUS

2¼-inch	$0.04
3 -inch	.08

CROTONS

4-inch	$0.35
5-inch	50c and .75
6-inch	1.00

COMBINATION PLANTS

Combination plants ..... $1.50 to $3.50 each

DRACAENA MASSANGEANA

5-inch	$1.00
6-inch	1.50
7-inch	2.50
8-inch	3.00

DRACAENA TERMINALIS

4-inch	$0.35
5-inch	.50

DRACAENA LORD WOLSELEY

4-inch	$0.35
5-inch	.75

PANDANUS VEITCHII

4-inch	$0.50
5-inch	.75
6-inch	1.00
7-inch	1.50
8-inch	2.00

PANDANUS UTILIS

2½-inch $0.06

ASPIDISTRAS

Variegated, 5-inch, strong	$1.25
Green, 6-inch, strong	1.00

ARAUCARIAS

Compacta, 5-inch	$1.25
Compacta, 6-inch	1.75
Excelsa, 5-inch	.50
Excelsa, 6-inch	75c and 1.00

FICUS PANDURATA

5-inch	$0.75
6-inch	1.50
8-inch	3.00

FICUS ELASTICA

4-inch	$0.25
5-inch	.35
6-inch	50c and .75
7-inch	75c and 1.00

NEPHROLEPIS

Scottii, Whitmani, Bostoniensis, Piersoni
4-inch, 15c each; 5-inch, 25c each; 6-inch, 50c each; 7-inch, 75c each; 8-inch, $1.00 each.

Large plants	$1.50 to $3.00 each
Small ferns for dishes, 2¼-inch	$3.00 per 100
Small ferns for dishes, 3-inch	6.00 per 100

ASPLENIUM NIDUS AVIS
(Bird's nest fern)

5-inch $0.75

CIBOTIUM SCHIEDEI

7-inch	$2.00
9-inch	5.00
10-inch tub	7.50

FERN PANS FOR TABLES

5-inch pans	$0.30
6-inch pans	.35
7-inch pans	.50

PALMS

Areca Lutescens, 3-inch, 15c; 4-inch, 25c; 6-inch, $1.00; 9-inch, $5.00; 10-inch tub, $6.00.
Latania Borbonica, 4-inch, 20c; 5-inch, 30c.

Kentia Forsteriana—	
4-inch pots	$25.00 and $35.00 per 100
5-inch pots	50.00 and 75.00 per 100
6-inch pots	1.00 each
7-inch pots	2.50 each. Fine plants.
Kentia Forsteriana— Combination	$3.00 to $15.00 each
Kentia Belmoreana—	
3-inch pots	$18.00 per 100
4-inch pots	$25.00 and 35.00 per 100
5-inch pots	50.00 and 75.00 per 100
Kentia Belmoreana— Larger plants,	from $2.50 to $10.00 each
Cocos Weddelliana, 2½-inch pots	$15.00 per 100

JOHN BADER CO., 1826 Rialto Street, N. S., Pittsburgh, Pa.

Mention The Review when you write.

BALTIMORE.

The Market.

Thanksgiving business is reported good by all dealers and growers. Chrysanthemums were in great demand and had a good lead on all other stock; carnations were second. Violets and roses sold well. Chrysanthemums have been rather scarce the last few days. All good stock was sold, however, at an advance in price over last week. There is a demand for a good medium grade, something that would sell for $6 to $8 per hundred, there being a good demand for such stock in the stores. Additions to the whites last week were Jeanne Nonin and Helen Frick, which always are in demand.

Carnations are not at all plentiful and all good flowers appear to move off at good prices. Good crops are now looked for, with prospects of an exceptionally heavy crop for the holidays. Violets are good and prices quite satisfactory to the growers, a great many more being grown than usual. Never has the preference for single violets been more prominent than it has been this fall.

Various Notes.

The Maryland State Horticultural Society will hold its annual show in the Fifth Regiment armory December 5 to 8. Although the armory is commodious, its capacity will be taxed to the utmost to take care of the exhibits.

Q.

Chelsea, Mass.—B. B. Smalley has removed to his new store, at 416 Broadway.

Verbenas—Verbenas

Large variety of 2¼-inch stock now ready for shipping.

Fine for use in the south.

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BLOOMSBURG, PA.

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Cattleyas, Laelias, Vandas

Clearance sale for 1912 of **established plants, ready to flower.** Send for catalogue. We are taking advance orders for spring delivery.

G. L. FREEMAN, Wellfleet, Mass.

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ORCHIDS

Greatest quantity and variety in the country, and for all purposes. We are now booking orders for **freshly** imported stock for next year. Write for prices.

LAGER & HURRELL, Summit, N.J.

Mention The Review when you write.

Plants that will bloom for Christmas

AZALEAS, 12/13, $1.00; 13/14, $1.25; 14/15, $1.50; 16/18, $2.50; 18/24, $3.50 each.

CINERARIAS, 2-inch, $5.00; 3-inch, $8.00; 4-inch, $12.50 per 100.

CELESTIAL PEPPERS, 4-inch pots, $12.50 per 100.

POINSETTIAS, just beginning to show color, 2-inch, $5.00; 3-inch, $10.00; 3½-inch, $12.50; 4-inch, $20.00; 5-inch, $40.00; 6-inch pans, 75 cents.

CYCLAMEN, 2½-inch, $5.00; 3½-inch, $10.00; 4-inch, $20.00.

PRIMROSES in variety, Chinese, Obconica and Forbesi, 2½-inch, $5.00; 3-inch, $8.00; 4-inch, $12.50.

GLOIRE DE LORRAINE BEGONIAS, 3-inch, 20 cents; 4-inch, 30 cents; 5-inch, 60 cents. Luminosa, 2½-inch, $5.00; 3-inch, $10.00; 4-inch, $20.00; 5-inch, $40.00. Rex, 2½-inch, $5.00; 3-inch, $10.00; 4-inch, $25.00. Spiral Rex, 2½-inch, $7.50; 3-inch, $12.50; 4-inch, $25.00.

Other flowering Begonias, 2½-inch, $5.00; 3-inch, $8.00; 4-inch, $12.50. If you want Hydrangeas, Crimson Ramblers, Baby Ramblers, Climbing Baby Ramblers for Easter forcing, send for our list.

GEO. A KUHL Pekin, Ill.

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Asparagus Plumosus, 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Asparagus Sprengeri, 2-in. pots, $2.00 per 100; 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Smilax, 3-in. $4.00 per 100.

Ferns. Boston, Whitmani, Scottii and **Scholzeli**, 4-in. pots, $2.00 per doz.; 5 in., $3.00 per doz.

Dracaena Indivisa, 3-in. pots, $4.00 per 100.

Daisies, white, Paris, Giant, 2½-in. pots, $3.00 per 100.

Clematis Paniculata, strong plants, 2-yr.-old, $10.00 per 100; 1-yr.-old plants, $5.00 per 100.

Hardy English Ivy, 4-in. pots, $10 00 per 100; 3-in. pots, $5.00 per 100.

C. EISELE
11th & Westmoreland Sts., Philadelphia, Pa.

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Palms, Ferns, etc., for CHRISTMAS



A FULL LINE OF PLANTS that are JUST THE THING for STORE, CHURCH and HOME DECORATIONS.

ARAUCARIA EXCELSA.
6-in. pots.....each, $1.25

ASPARAGUS BASKETS.
$1.00, $1.50 and $2.00 each.

Pots.	ASPARAGUS PLUMOSUS.	Doz.	100
2-in.	.....	...	$3.00
3-in.	.....	$1.00	8.00

ASPARAGUS SPRENGERI.

Pots.	Doz.	100	1000
3-in.	$0.75	$ 6.00	$50.00
4-in.	1.50	10.00	80.00

500 at 1000 rate.

BOSTON FERNS.

Pots.	Each.	Doz.	100	1000
2-in.	...	....	$ 3.00	$25.00
6-in.	...	$ 6.00	45.00	....
7-in.	$0.75	9.00	....	....
8-in.	1.00	12.00	....	....
9-in.	1.50	18.00	....	....

FERN BASKETS.
$1.00 each.

ASSORTED FERNS FOR DISHES.
2-in., $3.00 per 100; $25.00 per 1000.

CIBOTIUM.
7-in. .....each, $2.50

CROTONS.

Pots.	Each.	Doz.
2¼-in.	...	$1.00
3-in.	...	1.50
4-in.	$0.25	3.00
7-in., 4 in a pot	75c to 1.00	...

CYPERUS ALTERNIFOLIUS.
4-in.....$1.25 doz.; $8.00 100

DRACAENA FRAGRANS.

Pots.	Doz.
2½-in.	$1.50
3-in.	2.00
4-in.	3.00
5-in.	5.00

DRACAENA INDIVISA.
2-in. pots....per 100, $3.00; per 1000, $25.00
3-in.....doz., 75c; per 100, 6.00
7-in. pots.....each, $1.25; doz., 15.00

DRACAENA MASSANGEANA.
6-in. pots .....each, $1.25
7-in. pots .....each, 1.50

DRACAENA TERMINALIS.
3-in. pots .....doz., $1.75
4-in. pots, strong.....each, 35c; doz., 4.00

EUONYMUS VARIEGATUS.
Golden and silver leaved.
2½-in. pots .....doz., $0.50

FICUS ELASTICA.
6-in. pots.....each, 50c; doz., $6.00

FICUS REPENS (vine).
2½-in. pots.....each, $0.50

ENGLISH IVY.
3-in. pots .....doz., $0.75
4-in. pots .....doz., 1.50

GERMAN IVY.
2-in. pots .....$2.00 per 100

PRIMULA OBCONICA.
3-in. pots.....per doz., 75c; per 100, $6.00

PRIMULA SINENSIS.
4-in. pots....per doz., $1.50; per 100, $10.00

RHODODENDRONS.
Not in bloom, but in fine shape for Christmas forcing.
Christmas Cheer.....75c, $1.00, $1.25 each

SOLANUM ACULEATISSIMUM.
6-in. pots, strong plants, ea., 50c; doz., $5.00

TRADESCANTIA VARIEGATA.
(Wandering Jew.)
2-in. pots.....doz., 40c; per 100, $3.00

VINCAS.
4-in. pots.....per doz., $2.00; per 100, $15.00

ARECA LUTESCENS.
3-in. pots, 3 in pot...doz., $2.00; 100, $15.00

COCOS WEDDELLIANA
2-in. pots .....doz., $1.75; 100, $14.00
3-in. pots .....doz., 2.50; 100, 20.00

GET YOUR ORDERS IN EARLY and AVOID THE ELEVENTH HOUR RUSH AND SCRAMBLE.

KENTIA BELMOREANA.

Pots.	Height.	Leaves.	Each.	Doz.	100
2½-in.	8-in.	4	....	$ 1.50	$12.00
3-in.	8 to 10-in.	4 to 5	....	2.00	15.00
4-in.	12 to 15-in.	4 to 5	....	3.60	30.00
5-in.	18 to 20-in.	5 to 6	$ 0.75	9.00	....
7-in.	28 to 30-in.	6 to 7	2.50	30.00	....
7-in.	40 to 44-in.	6 to 7	4.50	....	....
8-in.	44 to 45-in.	7 to 8	5.50	....	....
9-in.	48 to 50-in.	7 to 8	8.00	....	....
9-in.	50 to 54-in.	7 to 8	10.00	....	....

KENTIA FORSTERIANA.

Pots.	Height.	Leaves.	Each.	Doz.
2½-in.			....	$ 1.50
3-in.			....	2.00
4-in.			....	3.60
5-in.			....	5.00
5-in.	20 to 24-in.	4 to 6	$0.75	9.00
6-in.	30 to 35-in.	4 to 6	1.00	12.00
7-in.	36 to 38-in.	5 to 6	2.50	....
8-in.	40 to 42-in.	5 to 6	4.50	....
9-in.	46 to 50-in.	6 to 7	7.00	....

Made-up Plants.

Pots.	Height.	Plants in pot.	Each.
7-in.	24 to 30-in.	3 to 4	$ 2.50
9-in.	50 to 54-in.	3 to 5	8.00
10-in.	58 to 60-in.	4 to 5	10.00
12-in.	62 to 70-in.	4 to 5	15.00

LATANIA BORBONICA.
2-in., 1 to 2 leaves...100, $3.00; 1000, $25.00
4-in. pots .....doz., 3.00; 100, 20.00
5-in. pots .....doz., 5.00; 100, 40.00

PANDANUS UTILIS.
3-in. pots .....per doz., $2.00

PANDANUS VEITCHII.
4-in. pots .....each, $0.50; per doz., $ 5.50
5-in. pots .....each, .75; per doz., 9.00
6-in. pots .....each, 1.00; per doz., 12.00

PHOENIX CANARIENSIS.
7-in. pots, 36 to 40-in. high.....each, $ 2.50
10-in. pots, 50 to 54-in. high.....each, 8.00
10-in. pots, 60 to 64-in. high.....each, 10.00

PHOENIX RECLINATA.
4-in. pots..ea., $0.25; doz., $3.00; 100, $20.00
5-in. pots..ea., .50; doz., 5.00
6-in. pots..ea., .75; doz., 9.00

PHOENIX ROEBELENII.

Pots.	Each.	Doz.	100
2½-in.	...	$2.00	$15.00
3-in.	...	3.00	22.50
5-in.	...	9.00	70.00
6-in.	$2.00	...	....
7-in.	2.50	...	....

The Edgebrook Greenhouses and Nurseries of the Geo. Wittbold Co., EDGEBROOK, CHICAGO, ILL.

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SMITH'S ADVANCE

The Earliest Large-flowered

WHITE CHRYSANTHEMUM

We offer young stock from one of the most celebrated growers, 2-in. pots, $1.25 per dozen, $10.00 per 100.
Stock grown to your order.

A. L. RANDALL CO.
66 E. Randolph St., CHICAGO, ILL.

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Elegant FERNS for the Holiday Trade

such as will please you and your customers.

A Large Supply of ELEGANTISSIMA, also BOSTON and PIERSONI
5-inch, 25c; 6-inch, 50c; 7-inch, $1.00. Order now.

The H. Weber & Sons Co., Oakland, Md.

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Ferns, Cyclamen, Hydrangeas

Remember us for Ferns in variety. We have an excellent lot of **Boston Ferns, Plumosus** and the new **Roosevelt.**
We are now ready to ship excellent **Cyclamen Seedlings** in 6 varieties, separately labeled, at $1.50 per 100; $12.50 per 1000. Very good imported strain.
We also solicit your orders for **Hydrangeas** for forcing, at 15c and 25c.

Yours for fairness.

D. U. Augspurger & Sons Co.
PEORIA, ILL.

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Chrysanthemums and Asters

ELMER D. SMITH & CO., ADRIAN, MICH.

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FERNS---ROSES ....BEGONIAS....

Amerpohlii, Barrowsii, Scottii, Elegantissima, Boston, Jacksoni, Piersoni, Sword, Whitmani, 2½-in. pots, $4.00 per 100; 4-in., $15.00 per 100.
Rex Begonias, assorted varieties, 8-in. pot plants, $5.00 per 100; $45.00 per 1000.
Roses our specialty. Ask for quotations.

The Dingee & Conard Co., West Grove, Penna.

Mention The Review when you write.

FERNS FERNS

Bargain in Scholzeli and Whitmani.
Very fine, 4-inch, at.....$12.50 per 100

CYCLAMEN

Fine, in bud and bloom
4-in., at 25c; 5-in., at 50c; 6-in., at 75c

Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Mention The Review when you write.

SOCIETY OF AMERICAN FLORISTS.

Department of Registration.

Public notice is hereby given that F. H. De Witt, of Wooster, O., offers for registration the geraniums described below. Any person objecting to the registration, or to the use of the proposed names, is requested to communicate with the secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

General Wayne—Seedling of S. A. Nutt crossed with Jean Oberle; large, semi-double flowers, borne in large trusses; color, rich carmine; foliage small; habit and foliage like Jean Oberle.

Aviator Rodgers—Seedling of Mme. L. Bisquit; large clusters of semi-double flowers; color, bright salmon; bushy habit.

Daybreak—Seedling of L'Aube crossed with Jean Oberle; double florets; small foliage; color, darker pink than Oberle.

Aviator Atwood—Seedling of S. A. Nutt crossed with Jean Viaud; semi-double florets; large trusses; medium sized foliage; growth like Jean Viaud.

Public notice is hereby given that the Conard & Jones Co., of West Grove, Pa., offers for registration the cannas described below. Any person objecting to the registration, or to the use of the proposed names, is requested to communicate with the secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

Conowingo—The color of this flower is an intense, fiery scarlet. Its foliage is an unusually beautiful plum color at the base, shading to rich olive green at the tip. The stately flowers are freely produced and stand well above the foliage, thus showing themselves off to good advantage. Height, four to five feet.

Splendour—The most impressive quality in this canna is the firm, well spread out formation of the flowers, which are an intense scarlet color and very large. It makes two or three bloom heads on each stalk, insuring flowers practically all the time, as new blooms are constantly appearing before the older flowers fade. Splendour is a fitting name for such a magnificent canna. Green foliage. Height, three to three and one-half feet.

Wabash—The bronze-leaved Rosea gigantea. Flower is unusually large, petals broad and borne in great abundance, well above the magnificent foliage of deep purple brown, striped bronze green. Height, four feet.

Beacon—Because of its abundance of bloom, this canna is notably effective. The moderate-sized flowers are borne in great, impressive heads of rich cardinal red. When seen in a row or bed the flowers show a mass of bloom that for color effect we think is unparalleled.

Kate F. Deemer—The grand flowers open a rich, oriole yellow, which gradually gives place to turkey red in the center and throat of the flower, in striking contrast with the rest of the blossom, which turns almost white. The rich yellow buds on reddish brown stems combine with the yellow and white flowers, surmounting rich green foliage, to make a fascinating combination that always looks fresh and attractive. Height, three to four feet.

H. B. Dorner, Sec'y.

November 30, 1911.

Birdsboro, Pa.—Allen J. Grubb, the Main street florist, has been improving and remodeling his greenhouses.

Wheeler's Light Pink Snapdragon

Very early and free, beautiful color.

R. Cameron writes:
(Page 986 the Florists' Exchange)
"James Wheeler exhibited three fine vases of Snapdragon, a pink variety which originated with him: it is most pleasing and more floriferous than any other variety."

Orders booked in rotation.
From 1¾-inch pots $4.00 per 100
CARNATION ENCHANTRESS
Rooted cuttings.. $2.00 per 100; $18.00 per 1000

JAMES WHEELER, Florist, Natick, Mass.
Mention The Review when you write.

The Meredith Flower & Vegetable Co.

Libertyville, Illinois



Meredith

We will save you money, if you will watch this space.

Mention The Review when you write.

Godfrey Callas

100 4-inch.....per 100, $6.00
500 2½-inch.....per 100, 4.00
Young plants out of flats, write for prices.
Cash with order, or good references.

F. S. SMITH
330 W. 38th St., Indianapolis, Ind.
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CARNATIONS

F. Dorner & Sons Co.
LA FAYETTE, IND.

Mention The Review when you write

DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

DAVID HERBERT & SON
ATCO, N. J.
Mention The Review when you write.

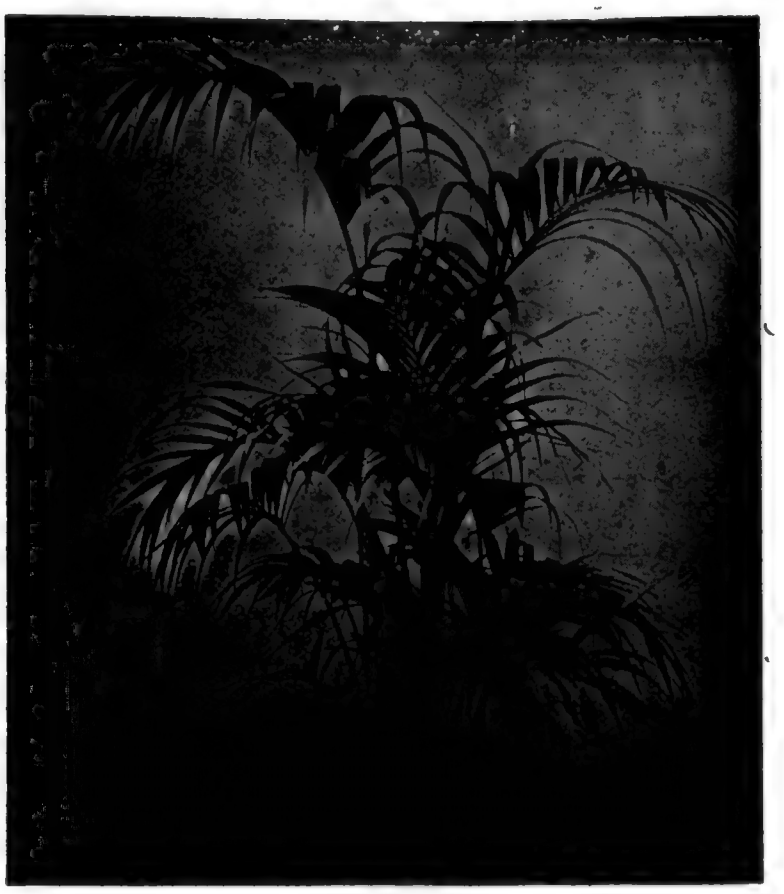
Mum Stock Plants

Monrovia, Halliday, Pacific Supreme, Balfour, Ivory, Winter Cheer, Charles Razer, Bonnaffon, Nagoya, Pompons, Quinola, Alma, Clarinda, $1.00 per dozen; $5.00 per 100.

COLLINGDALE GREENHOUSES
COLLINGDALE, PENNSYLVANIA

Always mention the Florists' Review when writing advertisers.

Special Holiday Values in Palms



KENTIA.

KENTIA FORSTERIANA—Made-up Plants

7-in. tubs, 3 plants in a tub, 38 inches high	$ 3.00 each
8-in. tubs, 3 plants in a tub, 40 to 42 inches high	4.00 each
8-in. tubs, 3 plants in a tub, 42 to 45 inches high	5.00 each
8-in. tubs, 3 plants in a tub, 4 feet high	6.00 each
9-in. tubs, 3 plants in a tub, 4½ feet high	8.00 each
10-in. tubs, 3 plants in a tub, 5 feet high	10.00 each
12-in. tubs, 3 plants in a tub, 5½ feet high	15.00 each
14-in. tubs, 3 plants in a tub, 6 feet high, heavy	20.00 each

PHOENIX ROEBELENII

Specimens, 6-in. pots, 1½ feet high, 2 feet spread	$ 2.00 each
Specimens, 8-in. tubs, 2 feet high, 2 feet spread	3.00 each
Specimens, 8-in. tubs, 2 feet high, 2½ feet spread	5.00 each
Specimens, 14-in. tubs, 3 feet high, 4½ feet spread	35.00 each
Specimens, 15-in. tubs, 3 feet high, 6 feet spread	50.00 each

PHOENIX CANARIENSIS

9-in. tubs, 42 to 46 inches high	$3.00 each
10-in. tubs, 46 to 48 inches high	4.00 each
11-in. tubs, 48 to 52 inches high	5.00 each

For a full and complete line of Decorative Holiday Plants, see our current Wholesale List.

ARECA LUTESCENS

4-in. pots, 3 plants in a pot, 15 inches nigh	$3.50 per doz.; $25.00 per 100
6-in. pots, 3 plants in a pot, 24 inches high	$1.00 each
9-in. pots, very bushy, splendid plants, 4 feet high	5.00 each

COCOS WEDDELIANA

The only large Cocos offered in the country; this is splendid holiday stock.

5-in. pots, 18 to 24 inches high	$0.75 each
7-in. pots, 30 to 36 inches high, splendid specimens	2.50 each
9-in. pots, 36 inches high, splendid specimens	5.00 each

KENTIA BELMOREANA

6-in. pots, 6 leaves, 24 inches high	$1.00 each
6-in. pots, 6 to 7 leaves, 28 to 30 inches high	1.50 each
7-in. tubs, 6 to 7 leaves, 42 to 45 inches high	4.00 each
10-in. tubs, 6 to 7 leaves, 48 inches high	8.00 each

A splendid lot of shapely specimens in 11-inch tubs, with 8 leaves, about 4 feet high, $10.00 each; this is an exceptional lot.

KENTIA FORSTERIANA

6-in. pots, 6 leaves, 28 to 30 inches high	$ 1.00 each
6-in. pots, 6 leaves, 34 to 36 inches high	1.50 each
7-in. pots, 6 to 7 leaves, 38 to 40 inches high	2.50 each
8-in. tubs, 6 to 7 leaves, 45 to 48 inches high	4.00 each
8-in. tubs, 6 to 7 leaves, 48 inches high	5 00 each
10-in. tubs, 6 to 7 leaves, 4½ to 5 feet high	6.00 each
11-in. tubs, 6 to 7 leaves, 5 to 5½ feet high	8.00 each
10-in. tubs, 6 to 7 leaves, 5½ to 6 feet high	10.00 each
11-in. tubs, 6 to 7 leaves, 6 feet high	15.00 each



COCOS WEDDELIANA.

HENRY A. DREER, 714 CHESTNUT ST., PHILADELPHIA, PA.

THE ABOVE PRICES ARE INTENDED FOR THE TRADE ONLY.

Mention The Review when you write.

JOHN SCOTT

Rutland Road and E. 45th St.,

BROOKLYN, N. Y.

Palms, Ferns and Decorative Plants

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Julius Roehrs Co.

RUTHERFORD, N. J.

Palms, Plants, Orchids, Etc.

Send for Price List.

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GROWER OF

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HOLMESBURG, - - - PHILADELPHIA, PA.

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Tel. 228 Newtown

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DECORATIVE PLANTS

SPECIALTIES: Palms, Ferns, Araucarias, Cycas, Pandanus, Lilies.

DREYERII FERN. $25 per 100; $200 per 1000.

Mention The Review when you write.

PLANTS AND ROOTED CUTTINGS

Daisies, Giant Marg., white and yellow, R. C., 1c; 2-in., 2c; 3-in., 3c. Bellis or Hardy Double English Daisies, white and pink, $2.00 per 1000.

Dracaena, Indivisa, 2-in., strong, 1½c.

Asparagus Plum. Nanus, 2-in., 2c; 3-in., 4c.

Heliotropes, blue, R. C., ¾c; 2-in., 1½c; 3-in., 3c.

Primulas, Chinese Fringed mixed, and Obc. Grandif. mixed, fine strains, 2-in. need 3's, 1¾c.

Fuchsias, 5 kinds, R. C. 1¼c; 3-in., 3c.

Alternanthera, red and yellow, fall rooted, ½c.

Hollyhocks, double pink, yellow and red also single mixed, will bloom next season, ¾c.

Canterbury Bells, single mixed. **Gaillardia Grandif.**, ½c. Cash. This stock will surely please you; also the prices.

E. W. BYER, Prop. S. Floral Co.

SHIPPENSBURG, PA.

Mention The Review when you write.

ANTON SCHULTHEIS, College Point, L. I.

Headquarters for

DECORATIVE and FLOWERING PLANTS

Mention The Review when you write.

NEW BEDFORD, MASS.

The Market.

Business was good last week and the supply of flowers has shortened somewhat, and mums will soon be gone. All the florists report a good Thanksgiving trade. Cut flowers sold well and evergreen wreaths for the cemeteries were in fair demand. Carnations retailed at from 60 to 75 cents per dozen; roses, $1.50 to $2; violets, $1.50 per hundred; Paper Whites, 50 to 60 cents per dozen. Plants are selling well, ferns being in most demand. Stevia is in full crop and there is some candytuft to help out.

Funeral work is good. We are having excellent weather now, with the nights just below freezing and plenty of sunshine during the days.

Various Notes.

E. Y. Peirce is cutting nice Killarneys, both white and pink, and his carnations are looking good.

R. H. Woodhouse had some nice mums for Thanksgiving.

A. B. Hathaway is cutting some fine Paper Whites.

S. S. Peckham, of Fairhaven, is sending in nice carnations. W. L.

POUGHKEEPSIE, N. Y.

The Saltford Flower Shop reports excellent business. Mums went well. My Maryland is proving a most satisfactory rose, grown in solid beds at the warmer end of the house. Stock planted in August is yielding a heavy crop. The seedling fancy carnation, Vassar, is giving an excellent account of itself and is popular with the best trade. A house of poinsettias in solid beds, for cutting, is a picture; they have stems of extraordinary length, with immense heads of bloom. The double variety is also grown; while stronger, it is later than the single. These are grown for special customers. The house of orchids is one of the best investments made. A big crop of lælias is in sight; the flowers are used as fast as they appear.

Murphy & Schaumburg report the biggest bulb season on record. They force possibly the largest number used by any retailer in the Hudson valley.

Conrad C. Gindra notes an increasing call for plants and will devote more space to this branch. He reports the best season in mums ever experienced and has a batch of Jeanne Nonin that is as fine as one could wish to see.

M.

Lincoln, Neb.—The city council has appropriated $1,500 for the erection of a greenhouse in Antelope park.

Hydrangea Otaksa

For Easter and Decoration Day

6-inch, pot-grown, well branched and set with flower buds.

Otaksa, with 5 and 6 branches, at $20 00 per 100; 4 branches at $15 00 per 100. **Souvenir de Claire,** fine pink, same color as Gloire de Lorraine Begonia, same price; also 7-10 branches latter variety, $25.00 per 100.

Jackson & Perkins Company

Wholesale Florists and Nurserymen

Newark, Wayne Co., New York State

Mention The Review when you write.

Heacock's Palms and Ferns

HOME-GROWN—STRONG AND HEALTHY

While our sales have been much heavier than ever before, we are still strong on the following sizes:

Areca Lutescens	Plants	Height	Each
7-in. pot	3 in pot	36 in.	$2.00
8-in. pot	3 in pot	42 in.	3.00
9-in. cedar tub	Several in tub	48 to 54 in.	5.00
9-in. cedar tub	Several in tub	5 ft.	7.50

Kentia Belmoreana	Leaves	Height	Each	Doz
2½-in. pot	4	8 to 10 in.		$ 1.50
3-in. pot	5	12 in.		2.00
5-in. pot	6 to 7	18 in.	$0.50	6.00
6-in. pot	6 to 7	24 in.	1.00	12.00
7-in cedar tub	6 to 7	34 to 36 in.	2.50	30.00
7 in. cedar tub	6 to 7	36 to 38 in.	3.00	36.00
9-in. cedar tub	6 to 7	40 to 45 in.	4.00	48.00
9 in. cedar tub	6 to 7	42 to 48 in.	5.00	
9-in. cedar tub	6 to 7	48 to 54 in.	6.00	

Cocos Weddelliana	Per 100
2½-in. pot, 8 to 10 in. high	$10.00

Made-up Kentia Forsteriana	Height	Each	Doz.
7-in. cedar tub, 4 plants	36 in	$2.50	$30.00
7-in. cedar tub, 4 plants	36 to 40 in.	3.00	36.00
9-in. cedar tub, 4 plants	40 to 42 in.	4.00	48.00
9-in. cedar tub, 4 plants	42 to 48 in.	5.00	60.00

Phoenix Roebelenii	Each
5-in. pot, nicely characterized	$1.00
6-in. pot, 18 to 20-in. spread	1.50
7-in. cedar tub, 18 in. high, 24-in. spread	2.00

Cibotium Schiedei	
9-in. cedar tub, 4-ft. spread	4.00
9-in. cedar tub, 5-ft. spread	5.00
9-in. cedar tub, 5 to 6-ft. spread	6.00

Joseph Heacock Co., Wyncote, Pa.

Railway Station, JENKINTOWN



ROOSEVELT.

Roosevelt Ferns

This fern will undoubtedly take the place of Boston in the near future. It is a faster grower, makes twice the runners and finishes up into a large plant in shorter time. 2¼-inch, $2.50 per dozen; $17.50 per 100; $150.00 per 1000.

	2½-in. 100	4-in. 100	5-in. 100	6-in. 100
Boston	$3.50	$12.00	$25.00	$40.00
Whitmani	3.50	12.00	25.00	40.00
Todeaoides	3.50	12.00	25.00	40.00
Scottii			25.00	40.00

Asparagus Plumosus, 2-in., $2.00 per 100; $18.00 per 1000; 2½-in., $3.50 per 100; $30.00 per 1000; 3-in., $5.00 per 100; $45.00 per 1000.

	Per 100
Coleus Christmas Gem	$2.50
Violets, Wales	$2.50
German Iris, Florentina Alba, earliest large-flowering Iris	2.50
Iris Pallida Dalmatica, lavender, shaded blue	8.00

Clematis Paniculata, 2-in., $2.50 per 100; $20.00 per 1000; field, 1-year, $4.00 per 100; 2-year, $8.00 per 100.

Phlox Miss Lingard, field clumps, $4.00 per 100; $35.00 per 1000.

THE REESER PLANT CO., Exclusively Wholesale Plantsmen **SPRINGFIELD, OHIO**

PRIMULAS, FERNS, Etc.

Ferns for Dishes. Assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.

Asparagus Plumosus. 2¼-in. pots, $3.50 per 100; $30.00 per 1000; 3-in. pots, $6.00 per 100.

Primulas. Obconicas, best large flowering strain, strong, 2½-in. pot plants, $3.00 per 100; $25.00 per 1000.

Crotons. 5-in. pots, 75c-$1.00 each; 6-in. pots, $1.00-$1.25 each.

Araucaria Excelsa. 5-in. pots, 50c to 75c each; 6-in. pots, $1.00 to $1.25 each.

Cash with order. 500 at 1000 rate.

FRANK OECHSLIN, 4911 West Quincy Street, CHICAGO, ILL.

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PREPARE FOR THE HOLIDAYS!



A house full of Godfrey Aschmann's Begonia Gloire de Lorraine in bloom and bud for Christmas, ready for shipment.

Leader in Azalea Indica, Begonia Gloire de Lorraine, Palms, Etc. Lead you into wealth.

Cheap, Good, Reliable. Don't be deceived—be on the lookout! Buy only from the man who is well known to be in a position to give you **Good Bargains and Good Stock. Can handle largest order on short notice.**

AZALEA INDICA.

In bloom for Christmas.
One of our specialties.

Already forced for Christmas, showing color, with pretty open flowers, stored away in cold houses, ready for shipment. **Deutsche Perle**, double white; only large sizes of this variety are offered at $1.00, $1.25, $1.50 to $2.00. **Vervaeneana**, double rose variegated; only large sizes can be offered at $1.00, $1.25, $1.50 to $2.00. **Simon Mardner**, double pink, 75c, $1.00, $1.25, $1.50 to $2.00. **Mme. Petrick**, pink, double, one of the earliest, 75c, $1.00, $1.25 to $1.50.



Pharailde Mathilde, white striped Vervaeneana, some people call it White Vervaeneana, new variety, very handsome, very rare, $1.00, $1.25 to $1.50. Remember that only the best, healthy plants must be selected for Xmas; poor, small, weak azaleas won't force successfully for Xmas.

Azaleas for Easter, all the leading varieties, 75c, $1.00, $1.25, $1.50 to $2.00.

Leader in Ferns—Scottii, Scholzeli, Whitmani and Boston. 6 houses stocked with them; 10,000 in all sizes and varieties now ready, never before better than this year; 5, 5½ in., 25c, 35c; 6 in., only 50c, 75c to $1.00. **Scottii, Whitmani, Scholzeli**, 4-in., 15c to 20c; fine to grow on. **Giatrasii**, 4-in., 20c; 5-in., 25c and 30c. **Boston, Whitmani, and Scholzeli**, 7-in. pots, as large as a bushel basket, 75c to $1.00. Our ferns are all pot-grown—not lifted from benches.

Ferns. Cordata Compacta, 4-in., 15c to 20c.

Ferns for dishes, big assortment, 2½-in. pots, $4.00 per 100; 3-in., $5.00 per 100.

Wilsoni Ferns, 3 plants in a 6-inch pan, very bushy, 25c to 35c per pan.

Asparagus Plumosus, 2½-in., 3c; 3-in., 5c; 4-in., 10c and 15c.

Asparagus Sprengeri, large, 4-in. pots, 15c; medium, 4-in., 10c; 2½-in., $3.00 per 100.

Adiantum Hybridum, the new improved beautiful maidenhair fern. Large 4-in., 15c; medium 4-in., 10c, large 3-in., 8c.

Ficus Elastica (Rubber Plant), 5¼-in., 25c; 5½ to 6-in., 20, 25 to 30-in. high, 35c, 40c, 50c; 7-in., all staked up, 35 to 40 in. high, 75c to $1.00. We have the finest rubbers in the country.

Cyclamen Grandiflorum, 4-in. pots, 25c; 5¼-in., 35c.

Cineraria Hybrida, Aschmann's well-known strain, 2½-in. pots, $3.00 per 100; 3-in., $5.00.

BEGONIA GLOIRE DE LORRAINE.

This is one of our specialties. We have a secret in growing them to perfection, only known to us, giving them a rich, deep color; stand shipping well, traveling 2,000 to 3,000 miles without the least bit of injury if properly handled. We have a big house full in No. 1 condition, 6 to 7-in. sizes, in bud and partly in bloom, ready for immediate sale or for the holidays. Everybody knows that last Christmas we had the best Begonia Gloire de Lorraine in the market. They were crackerjacks, indeed! We have the deep pink and the light pink (Lonsdale) varieties, 6-in. pots, 50c, 75c, $1.00; 3-in., 12c to 15c. If you have room order now, because they are always scarce at Xmas.

Begonia Gloire de Lorraine Betty Anderson, a new, fine begonia. Have only large plants in 7-in. pots at $1.50 per plant.

Begonia Erfordii, our newest improved strain, pink and brigha red flowers. This variety is always in bloom during the whole winter, Xmas and Easter, 4-in. pots, in bud or bloom, 20c; 5¼-in., 25c to 30c.

Begonia Glory of Cincinnati, 4-in. pots, 35c and 40c; 5½ to 6 and 7-in. pots, 50c, 75c, $1.00 to $1.50.

Just Arrived with the azaleas a fine consignment of **Latania Borbonica**, in first-class condition. **Perfect foliage**, 8 good leaves—height given in consular invoice, 35 to 40 inches, fit for 7 and 8-in. pots, $1.50 to $2.00. **Combination Latania Borbonica** (3 plants), 6-in. pots, 25 to 30 in. high, forming a bush of about 14 leaves, which give them an attractive appearance, $1.00 to $1.25.

Kentia Forsteriana, in fine shape, 5½ to 6-in. pots, 4. 5 and 6-year-old, 30, 35, 40 and 45 inches high, 75c, $1.00, $1.25, $1.50, $2.00 to $2.50; 4-in., 30c.

Kentia Belmoreana, 5, 6 to 7-year-old, 5, 5½, 6 to 7-in. pots, 50c, 75c, $1.00, $1.25, $1.50 to $2.00 each; 4-in., 25c.

Kentia Belmoreana, which came on the same steamer as azaleas, are potted off combination plants (made up with 3 plants), 22 to 25 inches high, having 12, 13 to 15 leaves to a pot (in 6-in. pots), 50c, 60c, 75c to $1.00, according to height; still larger sizes, $1.00, $1.25 to $1.50; single plants, 5 leaves, 22 to 25 in. high, stocky 5¼ to 5½-in. pots, only 50c, worth 75c.

Cocos Weddelliana, made up of 3 plants, 4 to 5-in. pots, 30c, 40c to 50c; 3-in., single, 15c; 4-in., single, 25c.

Areca Lutescens, 4-in., made up of 3 plants, suitable for fern dishes, 16, 18, 20 to 25 in. high, 20c to 25c; 5¼-in. pots, 24-in., 35c.

Sago palms, 5-in. pots, small leaves, 2, 3, 4, 5 leaves to a plant, 20c, 25c, 30c and 35c per plant.

Hydrangea Otaksa, pot-grown, 6-in., 25c, 35c to 40c; 7-in., 50c. Only pot-grown, will force successfully for Easter.

Solanum or Jerusalem Cherries, our well-known prize strain, the multiflorum, 6-in., 25c, 35c, 40c to 50c. Never were so fine as this year, just right for Xmas; big plants, full of ripe red berries and with green berries ripening on.

Primula Obconica, 5½-in., in bloom, 25c.

Primula Chinensis, John Rupp's best strain, 4-in., 10c; 5-in., 20c.

Shasta Daisies, pure white, 2½-in. pots, $3.00 per 100; seedlings, $1.00 100.

Poinsettias in prime condition for Xmas, in bloom; 3-in., short, stocky, suitable for filling pans, 15c; 4-in., also suitable for filling pans, 25c; 5½ to 6-in. pots, all pot grown, single or branched plants, medium height, 35c, 40c and 50c per plant; 8-in. pans, 3 plants in center and border of Asparagus plumosus around, only 75c per pan —suitable for basket work or to cut.

ARAUCARIA EXCELSA

With Xmas approaching there is always a big demand for **Araucaria Excelsa.** What looks nicer at Xmas time than an Araucaria properly dressed up with a nice pink, red or lavender ribbon, tied around the plant about half way up? It is a good keeper and keeps its beautiful evergreen foliage (tiers) green and perfect for years; when all other plants are withered, the Araucaria is in full glory, admired by all in the family. We are well prepared for the Araucaria orders and are the leaders, as we have always been for the last 25 years. 6000 can be seen in our greenhouses, all sizes and prices. 5½-in., 3-year-old, 15 to 20 in. high, 3 to 4 tiers, only 50c; 6-in., 4-year-old, 20, 22, 25 to 30 in. and over in height, 4, 5 and



Araucarias Our Specialty

No Arguments Needed

6 tiers, 60c, 75c, $1.00 to $1.25; specimen plants, 7-in., 30, 35 to 40 in. high, 5 to 6-year-old, 6, 7 to 8 tiers, green from bottom up, at a bargain price seldom offered; just look, only $1.50 to $2.00. Worth double. Will you let such a bargain pass unnoticed?

We also have the stock—the best obtainable in Belgium—of **Araucaria Robusta Compacta** and **Excelsa Glauca**; short, bushy jewels—none better in the world. 6-in. pots, $1.00, $1.25 and $1.50.

All plants 25 at 100 rate. Cash with order, please. All plants must travel at risk of purchaser only.

GODFREY ASCHMANN, 1012 W. Ontario St., PHILADELPHIA, PA.

WHOLESALE GROWER, IMPORTER AND SHIPPER OF POT PLANTS

EVANSVILLE, IND.

The Market.

Thanksgiving trade was a decided improvement over other years. Roses, carnations and mums were in demand, mums especially, and these were plentiful. Roses were off crop, but carnations were more plentiful. Business for November in general was greater than last year and the weather has been favorable for growing. The month was unusually cold, but the sun was much in evidence. Chrysanthemums are about gone, but there will be a few coming in for a week or two.

Various Notes.

Julius Niednagel & Sons enjoyed a large November trade. The funeral work was not so heavy, but they had about forty decorations during the month and this, with their other work, kept them on the go. The mums are about gone, but the carnations are full of buds and look fine for Christmas. Not many flowers were seen, but the fact that they are cut so closely to supply the demand explains this. The roses also look good for a Christmas crop, the two Killarneys especially being full of buds, but Emil Niednagel says he doesn't care much whether the crop is on for Christmas or not, as they will have enough to do anyhow and the roses are always in demand at other times.

The Blackman Floral Co. looks for a heavy crop of carnations for Christmas. They will have an abundance of seasonable plants also, but the crop of roses will not be so heavy. More mums will be planted next year, as they did not have nearly enough of their own this season and had to buy large quantities. This firm will build two new houses soon; the material is being gathered together now. George Blackman says he had a chance to get a lot of glass at a bargain and took advantage of it and bought. Frank Woelz has taken charge of the roses in place of Harry Wallis, who left a few weeks ago.

J. C. Elsperman reports a fine trade for Thanksgiving, it being much better than last year. He had lots of mums and about cleaned them out, but will have a few for a week or more.

Mrs. Seymour has so far regained her strength as to be up and about the house. She is improving steadily.

Miss Nellie Goodge is gaining and is looking much better.

T. L. Metcalfe, of Hopkinsville, Ky., who opened a store at 210 West Fifth street, didn't last long and gave up the store the day after Thanksgiving.

E. L. F.



Ageratums—Stella Gurney, Little Blue Star and Imperial White, 60c 100, $5.00 1000 prepaid.

Alternantheras—Red and yellow, 60c 100, $5 00 1000, prepaid.

Coleus—All of the best n med varieties, 70c 100, $6 00 1000, prepaid.

Feverfew—Little Gem, $1 25 100, $10.00 1000, prepaid.

Fuchsias—All named varieties, $1.50 100, $12.00 1000, prepaid.

Verbenas—The best select varieties, 70c 100, $6.00 1000.

C. HUMFELD, Clay Center, Kan.

Mention The Review when you write.

Geraniums

SPECIAL OFFER

We will send 1000, 50 each of 20 varieties, our selection, from 2-inch pots, for $18.50; from 3-inch pots, for $25.00.

	2-inch Per 100	3-inch Per 100
Standard Varieties	$2.00	$3.00
Ivy-leaved and Scented	2.00	3 00
Silver Leaf Nutt, Mt. of Snow, Mrs. Pollock	3.00	4.00
Novelties (all the best, listed in our catalogue)		
Lobelia Kathleen Mallard	2.00	
Hardy English Ivy	2.00	3.00
Petunias, double, mixed	2.00	3.00
Verbenas, red, white, blue, variegated	2.00	3.00
Lemon Verbena, Aloysia Citriodora	2.00	3.00
Swainsona Alba	2.00	3.00

Cash with order, please.

R. Vincent, Jr., & Sons Co., White Marsh, Md.

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Seasonable Stock

Fern Dish Ferns, heavy 2¼-in pot plants, $3 00 per 100; $25.00 per 1000.
Asparagus Plumosus, 2¼-in. pots .... 3 00 per 100; 25.00 per 1000.
Asparagus Sprengeri, 2-in. pots.....$2.00 per 100.
Boston Ferns ..... 5-in pots, $25.00 per 100; 6-in. pots, $40 00.
Cocos Weddelliana, grand 2½-in. stock .....$10.00 per 100.
Kentia Forsteriana, for decorating 8 in. tubs, 40 to 44-in. high, $4.00 each; 8-in tubs, 44 to 48 in. high, $5 00 each.
Hydrangea Otaksa, fine pot grown stock, 4 in., 2 and 3 shoots, $15.00 per 100; 5 in , 2 and 3 shoots, $20.00 per 100; 6-in., 3 to 5 shoots $35 00 per 100.
Hydrangea Otaksa, field grown. Extra specimens, for large tubs, 12 to 15 shoots, $1 00 each.
Genista Racemosa..... ..... 6-in pot plants, $25.00 per 100.
Gladioli, Blushing Bride and The Bride, 60c per 100; $5.00 per 1000.
Tulips, single. Superfine mixture. 70c per 100; $6.00 per 1000. Named colors, red, white, rose and yellow 80c per 100; $7.00 per 1000.
Tulips, single. Darwin, special mixture, 90c per 100; $8.00 per 1000. Gesneriana, Macrophila (scarlet), 80c per 100; $7.50 per 1000.

The Storrs & Harrison Co., - Painesville, Ohio

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Aschmann Bros., The Hustlers

NEPHROLEPIS Bostoniensis, 7-in. pots, 75c., 5½-in. pots, 40c each.
NEPHROLEPIS Scottii, 7-in. pots, 75c., 5½-in. pots, 35c. each.
NEPHROLEPIS Whitmani, 7-in. pots, 75c., 5½-in. pots, 35c. each.
NEPHROLEPIS Scholzeli, 5½-in. pots, 35c. each.
ADIANTUM Hybridum, 4-in. pots, 15c., 3-in. pots, 7c. each.
DISH FERNS, 2½-in. pots, $4.00 per 100. Good assortment.
Our Ferns are all pot-grown, not lifted, and will keep good in store.
PRIMULA Obconica, 4-in., $1.50 doz., 5-in., $2.00 doz. In bloom.

BEGONIA LORRAINE and Lonsdale, in bud and bloom, 6-in. pots, 50c. and 75c. each.
COCOS Weddelliana, 3-in. pots, $2.00 per doz.
ARAUCARIA Excelsa, fine specimen plants in 7-in. pots, 5 to 6 tiers, 30 to 42 inches high, $1.25 and $1.50 each. 5½-in. pots, 3 to 4 tiers, 40-50-75c.-$1.00 each.
ASPARAGUS Plumosus, 4-in. pots, $8.00 per 100; 3-in. pots, $5.00 per 100.
RUBBER PLANTS, 5½-in. pots, 18 to 24-inches high, 40c. each.
PRIMULA Chinensis, 4-in. pots, $8.00 per 100.
CYCLAMEN, 4-in. pots, fine stock, 25c. each; 6-in. pots, 75c., very fine.

Cash with Order.

ASCHMANN BROS., Second and Bristol Streets and Rising Sun Avenue, Philadelphia, Pa.

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Manufacturers of CHERRY RED STANDARD POTS of all sizes

Our clay is mined from the old Morrow County Beaver Swamp, which enables us to furnish florists with pots noted for strength, porosity, beauty in color, lightness in weight and smoothness in surface, making them especially adapted to the successful growth of plants.

Our factory is equipped with new and up-to-date machinery. Our capacity is greater and our warehouse full of stock. We are ready to give all orders prompt attention. Give us your order and we will satisfy you.

OUR PRICES WILL INTEREST YOU. PRICE LIST ON APPLICATION

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JACK FROST

MATS

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RYE STRAW . .	$1 50	$17.00
BURLAP	1.20	14.00

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For Holiday Sales

Fill some medium and large sized PANS and POTS with Ferns; the Fern still retains its popularity as a Christmas gift.

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IONIA POTS ARE STRONG

Always burned to the same degree of hardness. Our kilns are equipped with heat-measuring pyrometers and other up-to-the-minute improvements. Every detail of manufacture, from the clay bank to the strong crates in which Ionia pots are carried to you, marks an advancement over old-time methods. Let us have your order now. We will ship when you are ready.

REMEMBER, that we solved the breakage problem years ago. **IONIA POTTERY CO., IONIA, MICH.**

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For Sale by Wholesale Seedsmen, Florists and Supply Dealers.

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I. N. KRAMER & SON, Cedar Rapids, Iowa



All the Clay For Our Florists' Red Pots

Is prepared by passing through a screen 1600 meshes to the square inch. If in a hurry for pots order from us. We can ship over five lines of railroad, by river or interurban. Write for catalogue showing all the articles we make for florists' use.

THE PETERS & REED POTTERY CO., - Zanesville, Ohio

RED STANDARD POTS Prices per 1000, F. O. B. Harrison

2-in., $2 50; 2¼-in., $2.95; 2½-in., $3.50; 3 in., $4 50; 3½-in., $5.85. 4-in., $7.20; 5-in., $11.70; 6-in., $19.80.

Cash must accompany order.

HARRISON POTTERY, Harrison, Ohio

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is the state to get the nice Red Standard Pots, Pans, Azalea Pots, etc., and **NORRISTOWN** is the town where they manufacture them and burn them a nice red color. **Try us** and see if they are not just as cheap, too.

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Panache de Bailey..... 2.50 per 100
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Of The Geo. Wittbold Co.,
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Achyranthes Lindenii and Emersonii. Rooted cuttings, $1.00 per 100; 2½-in., 2½c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

500 2-in. achyranthes, $2.00.
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Adiantum cuneatum, 2½-in., $3.50 per 100; 4-in., $8.00 per 100.
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Adiantum Farleyense, strong plants, 4-in., $4.00 to $5.00 per doz. Cash, please.
Rober & Radke, Maywood, Ill.

100 Adiantum Croweanum, fine stock in 5-in., 20c. Cash. F. E. Cremer, Hanover, Pa.

Adiantum Croweanum, 3-in., $15.00 per 100.
Johnson Floral Co., Kendallville, Ind.

AGERATUMS.

AGERATUMS.

Stella Gurney, 2-in.....$2.00 per 100
Princess Pauline, 2-in..... 2.00 per 100

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Ageratum Little Blue Star, rooted cuttings, 50c 100, $4.00 1000; 2-in., in bloom, 2c. Cash. Mail, 10c per 100.
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ALTERNANTHERAS.

ALTERNANTHERA JEWEL.

Stock plants, 2½-in., $20.00 per 1000; rooted cuttings, $10.00 per 1000. This is by far the finest alternanthera in sight, and you should stock up now for spring sales.
Chas. H. Totty, Madison, N. J.

Alternantheras, red, green and yellow. Strong R. C., 50c 100; $4.00 1000; 2¼-in., 2c. Ready now.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Alternantheras, red and yellow. Rooted cuttings, $5.00 per 1000. By mail, 10c per 100 extra. Cash with order.
R. S. McMurray, Bellefontaine, O.

The CHEAPEST, the EASIEST, and the BEST WAY to get rid of your surplus stock is to use the REVIEW'S classified advs.

Alternantheras, yellow. Rooted cuttings, $5.00 per 1000. Cash.
West Side Greenhouses, Barberton, O.

Alternantheras, red and yellow. Rooted cuttings, 50c per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Alternantheras, red and yellow, R. C., 50c per 100. M. E. Wyatt, Watseka, Ill.

ALYSSUM.

Alyssum, double giant, 2¼-in., 2c. Rooted cuttings, 50c per 100, $4.00 per 1000; if by mail 10c per 100 extra. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

AMPELOPSIS.

AMPELOPSIS VEITCHII.
Boston Ivy.

Extra strong 3-yr. transplanted, heavy 2½ to 4 ft. tops and roots, $2.00 per doz., $12.00 per 100. 2-yr. transplanted, 18 to 24-in. tops, well rooted, $1.00 per doz., $5.00 per 100. Strong 1-yr., 18 to 24-in. tops, $1.50 per 25; $2.00 per 50, by mail; $3.00 per 100, $25.00 per 1,000 by express. Chas. Black, Hightstown, N. J.

Ampelopsis Veitchii, transplanted and extra fine, 2½ to 4 ft. tops, $1.50 per doz.; $9.00 per 100. Southside Nurseries, Chester, Va.

ANTHERICUM.

Anthericum variegatum, strong plants, 3-in., 3c; 5-in., 10c. H. G. Norton, Perry, O.

ARAUCARIAS.

ARAUCARIA EXCELSA.

6-in. pots.....each, $1.25

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Of the Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Araucaria excelsa, 5-in. pots, 50c to 75c each; 6-in. pots, $1.00 to $1.25 each. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

Araucarias, 5-in., $6.00 per doz.; $45.00 per 100. Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS BASKETS.
$1.00, $1.50 and $2.00 each.

Pots.	ASPARAGUS PLUMOSUS.	Doz.	100
2-in.	.....	...	$3.00
3-in.	.....	$1.00	8.00

ASPARAGUS SPRENGERI.

Pots.	Doz.	100	1000
3-in.	$0.75	$ 6.00	$50.00
4-in.	1.50	10.00	80.00

500 at 1000 rate.

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

"FULL OF LIFE," STRONG, HEALTHY STOCK

			Select 100	1000
Asparagus	plumosus	nanus. 2½-in.	$2.75	$25.00
Asparagus	plumosus	nanus...3-in.	6.00	....
Asparagus	plumosus	nanus...4-in.	15.00	....
Asparagus	Sprengeri	.....2½-in.	2.50	22.50
Asparagus	Sprengeri	.....3-in.	5.00	....
Asparagus	Sprengeri	.....4-in.	8.00	....

Cash. Prompt express shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses. Rockford, Ill.

Asparagus plumosus, extra strong healthy stock ready for shift, 2¼-in., $2.50 per 100, $22.00 per 1000; 3-in., $5.00 per 100.
Asparagus Sprengeri, strong plants ready for shift, 2¼-in., $2.00 per 100, $17.00 per 1000; 3-in., $3.00 per 100. Strong seedlings, $1.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Asparagus plumosus, big, strong plants, 2½-in., $4.00 per 100, $35.00 per 1000; 3-in., $6.00 per 100, $50.00 per 1000. A. plumosus seedlings, fine stock, $1.00 per 100. A. Sprengeri, 2½-in., $4.00 per 100; $35.00 per 1000.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Asparagus plumosus from 3-inch pots, express prepaid, $4.50 per 100; extra large plants from the field, good for 8 to 10-inch pots, $22.50 per 100. Cash with order.
Diamond Hill Nursery,
763 S. Boyle Ave., Los Angeles, Calif.

Asparagus plumosus. We offer extra strong, bushy plants from 2½-in. pots at $3.00 per 100; $27.50 per 1000. Many 4-in. plants sold are not as strong. A. Sprengeri of same quality, $2.50 per 100; $22.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Asparagus plumosus, to close out, 3-in., ready for 4 and 5-in., $5.50 per 100; $50.00 per 1000. Asparagus Sprengeri, 3-in., ready for 5-in., $5.00 per 100; $45.00 per 1000.
Swan Peterson Floral Co., Gibson City, Ill.

Asparagus plumosus nanus, 2½-in., $2.50 per 100, $22.50 per 1000; 3-in., $6.00 per 100; 4-in., $8.00 per 100. A. Sprengeri, 2½-in., $2.50 per 100; $20.00 per 1000; 4-in., $7.00 per 100.
Geo. H. Mellen Co., Springfield, Ohio.

Aparagus plumosus nanus, from 2¼-in. pots, $2.50 per 100, $22.50 per 1000; 3-in. pots, $5.00 per 100, $45.00 per 1000. Cash with order, please.
FLORAL HILL GARDENS,
G. F. Neipp, Prop., Chatham, N. J.

10,000 Asparagus plumosus, extra strong 2½-in., $2.50 per 100; $22.00 per 1000. 6000 A. Sprengeri, strong, bushy, $2.00 per 100; $18.00 per 1000. Cash.
Daut Bros., 825 N. Water St., Decatur, Ill.

Asparagus plumosus. Extra strong seedlings, $1.50 100; extra strong 4-in. plants, 12c to 15c each. Asparagus Sprengeri, extra strong seedlings, $1.50 100. Cash, please.
Rober & Radke, Maywood, Ill.

Asparagus plumosus, extra strong, from 2-in. pots, $2.50 per 100, $22.00 per 1000; 2½-in., $3.00 per 100, $26.00 per 1000. A. Sprengeri, 2½-in., $3.00 per 100.
Wettlin Floral Co., Hornell, N. Y.

Asparagus Hatcheri, from 2½-in. pots, ready for 3½-in., the asparagus fern that's talked about, $10.00 per 100. Cash.
Ehmann's, Corfu, N. Y.

Asparagus plumosus, 2¼-in. pots, $3.00; Asparagus Sprengeri, 4-in., bushy, grown outside, $8.00 per 100.
Luther Maynard, R. D. 13, Knoxville, Tenn.

6000 Asparagus plumosus, 2¼-in., $3.00 per 100; $25.00 per 1000. 5000 Asparagus Sprengeri, 2½-in., $2.50 per 100; $22.50 per 1000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Asparagus plumosus. Fine plants in 3-in. pots, ready for shift, $5.00 per 100. A. Sprengeri, in 2½-in., $2.50 per 100. Cash.
P. N. Obertin, Kenosha, Wis.

Asparagus plumosus. 2¼-in. pots, $3.50 per 100, $30.00 per 1000; 3-in. pots, $6.00 per 100. Cash with order. 500 at 1000 rate.
Frank Oechslin, 4911 W. Quincy St., Chicago.

ASPARAGUS PLUMOSUS NANUS.
CUT STRINGS, 8 FT. LONG,
50c EACH.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, strong 2¼-in., ready for 4-in. pots, we need the room, $1.75 per 100; $15.00 per 1,000. Cash, please.
John Eitel & Son, Greencastle, Ind.

Asparagus plumosus, 2¼-in. pots, $3.00 per 100; $25.00 per 1000. Asparagus Sprengeri, 2-in. pots, $2.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

725 strong Asparagus plumosus, $25.00 for the lot; 4c apiece. 1000 A. Sprengeri, 3-in., $20.00 for the lot; 2½c apiece. Cash.
C. W. Harrold, Decatur, Ill.

Asparagus Sprengeri. Good, strong plants from 3-in. pots, $3.00 per 100 plants.
B. H. Haverland, Mt. Healthy, O.

Asparagus plumosus nanus, extra strong, 2-in., $2.00 per 100. Cash.
N. E. Beck Floral Co., Massillon, O.

Asparagus Sprengeri, 3-in., $3.00 per 100; 200 for $5.00.
Whitton & Sons, City & Green, Utica, N. Y.

Asparagus plumosus and Sprengeri. Extra strong 2-in. stock, $2.00 per 100, to close out to make room. Addems, Morgan & Co., Paxton, Ill.

Asparagus plumosus, $2.00 per 100; $17.50 per 1,000. Sprengeri, $1.50 per 100; $15.00 per 1,000. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus, fine large plants, ready for 5-in. or bench, 10c each.
Stuhldreher Bros., Mansfield, Ohio.

Asparagus plumosus, strong, bushy 2½-in. plants, $3.00 per 100. Cash, please.
J. B. Dinser, R. 1, Box 35, Highland Park, Mich.

Asparagus Sprengeri, extra fine 3-in., ready to shift, $3.50 per 100; 2½-in., $2.00 per 100. Cash.
J. P. Siebold, Lancaster, Pa.

Asparagus plumosus, 2¼-in., 3c; 3-in., 6c. A. Sprengeri, 2¼-in., 2c; 3-in., 4c; 4-in., 8c.
Mosbæk Greenhouse Co., Onarga, Ill.

Asparagus Sprengeri, 2½-in., $2.00; 3-in., $3.00; 4-in., $4.00 per 100. Cash.
Freeport Floral Co., Freeport, Ill.

Asparagus Sprengeri, 2¼-in., extra strong, $2.00 per 100; 3-in., $5.00 per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Asparagus plumosus nanus, 2-in., 2c. Asparagus Sprengeri, 2-in., 2c.
U. G. Harglerode, Shippensburg, Pa.

Asparagus plumosus, 3-in., 6c. A. Sprengeri, 3-in., 4c; 4-in., 6c; 5-in., 12c.
Schneider, Florist, Springfield, Ohio.

Asparagus plumosus, fine 2½-in., $2.00 per 100. A. Sprengeri, fine 2½-in., $1.50 per 100.
J. C. Schmidt, Bristol, Pa.

Asparagus Sprengeri, 4-in., $10.00 per 100; 3-in., $5.00 per 100. Orange County Ornamental Nursery, Fullerton, Calif.

Asparagus plumosus, 2½-in., $3.00 per 100; 2-in., $2.50 per 100. Cash, please.
L. Rush, 135 34th St., Detroit, Mich.

Asparagus plumosus, strong plants, 2½-in., $3.00 per 100; $25.00 per 1000. Cash.
W. B. Girvin, Leola, Pa.

Asparagus plumosus, good stock, $25.00 per 1000. Albert M. Herr, Lancaster, Pa.

600 Asparagus plumosus, surplus stock, 3-in., ready for 4-in., $5.00 per 100.
S. T. Hitz & Son, Indianapolis, Ind.

NICE PLUMOSUS.
4-in., 12c.
Gullet & Sons, Lincoln, Ill.

Asparagus plumosus nanus, extra strong 2-in., 2½c. J. L. Schiller, Toledo, Ohio.

Asparagus plumosus, 3-in., 5c.
Hammerschmidt & Clark, Medina, Ohio.

Asparagus Sprengeri, strong 2½-in. 2c.
S. Wilson & Son, Marion, O.

Asparagus plumosus nanus, 4-in., $10.00 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

Asparagus plumosus, 3-in., $4.00 per 100. Cash.
F. E. Cremer, Hanover, Pa.

Asparagus, fine. See display adv.
J. W. Miller, Shiremanstown, Pa.

Asparagus Sprengeri, strong 3-in., $3.50 per 100. J. H. Dann & Son, Westfield, N. Y.

ASPIDISTRAS.

Aspidistras, green leaved, 10 to 14 leaves, 50c, 60c and 75c. Cash.
N. A. Corlin, Elberon, N. J.

AZALEAS.

AZALEA INDICA.
Not in bloom, but in fine shape for Christmas forcing.

Mme. Petrick, 14 to 16-in.	$1.50 each
Simon Mardner, 14 to 16-in.	1.00 each
Vervaeneana, 14 to 16-in.	1.00 each
Mme. Petrick, 12 to 14-in.	1.00 each
Niobe, 14 to 16-in.	1.00 each
Simon Mardner, 12 to 14-in.	9.00 doz.
Vervaeneana, 12 to 14-in.	9.00 doz.
Mme. Petrick, 10 to 12-in.	9.00 doz.
Niobe, 12 to 14-in.	9.00 doz.

DWARF AZALEAS ON OWN ROOT.

Hex	$50.00 per 100
Hex	30.00 per 100

THE EDGEBROOK GREENHOUSES AND NURSERIES
Of the Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

AZALEAS IN BLOOM.
SPLENDID SELLERS FOR CHRISTMAS.
Fine, shapely plants. Mardner, Vervaeneana, Mme. Petrick, D. Perle, etc., four sizes, $1.00, $1.50, $2.00 and $2.50 each. The medium sizes are sure to find a ready sale.
Gullett & Sons, Lincoln, Ill.

Azaleas. A fine trio for Christmas. Deutsche Perle, Vervaneana, Mme. Petrick, very handsome plants, full buds, 16 to 18-in., $1.00, $1.25. Cash.
N. A. Corlin, Elberon, N. J.

AZALEAS FOR CHRISTMAS. Mme. Petrick, 12 to 14-in., 75c each.
Whitton & Sons, City & Green, Utica, N. Y.

BAY TREES.

Bay trees (standards), fine assortment, sizes 12 to 48 in. crowns. Price, $2.50 to $25.00 each. Let us know your wants.
Wagner Park Conservatories, Sidney, Ohio.

Bay trees and box trees, all sizes.
Write for special list.
Julius Roehrs Co., Rutherford, N. J.

Bay trees. Fine selection. Write for prices.
Holton & Hunkel Co., Milwaukee, Wis.

BEGONIAS.

Blooming begonias in assortment, $2.50 per 100. Rex begonias in assortment, $4.00 per 100; 2½-in., large, $6.00 per 100; 4-in., fine plants, $2.50 per doz. Some fine stock of my new special Rex begonias, Emerald Queen and Bronze King, 2-in., $6.00 per 100; 2½-in., $8.00; 4-in., fine plants, 35c each, $4.00 per doz.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, 2½-in., 15c; 3-in., 25c; 3½ and 4-in., 35c. Glory of Cincinnati, 2½-in., 25c; 3-in., 35c; 4-in., 50c; 5-in., 75c. All in bud or bloom. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Begonia Lorraine, exceptionally well developed plants, ready for immediate retail sales, 6-in., 60c each; 7-in., 75c each.
Baur Floral Co., Erie, Pa.

GLORY OF CINCINNATI.
Cincinnati and Lorraine begonias, in full flower, 75c and $1.00 each. Fine for Christmas.
Gullett & Sons, Lincoln, Ill.

Begonias. Gloire de Lorraine, strong plants in full bloom, 5-in., $6.00 per doz.; 6-in., $9.00 to $12.00 per doz. Cash, please.
Rober & Radke, Maywood, Ill.

Begonia Vernon, pink and white, large, for Christmas, 5-in., 20c; 4-in., 10c. Louise Erdody, Rex or Ram's Horn, large 5-in., 25c. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

Red begonias for Xmas. Red Vernon, the best Xmas begonia, 100 5-in. at 17c; 100 4-in., fine stock, at 14c. I need the room. Cash, please.
E. A. Johannes, Rockford, Ill.

Begonia Lorraine, fine 4-in., 25c; 5-in., 35c and 50c. In bloom and out.
Erie Floral Co., Erie, Pa.

Rex Begonias, strong 2-in., fine varieties, 4c; $35.00 per 1000.
Williams & Clark Floral Co., Muncie, Ind.

REX BEGONIAS my specialty. Largest collection, $5.00 per 100.
B. C. BLAKE, Springfield, O.

Rex begonias in variety, 2¼-in., 75c per doz.; $5.00 per 100. G. E. Fink, Kenilworth, N. J.

Rex begonias, assorted 3, 4, 5-in., 8c, 12c, 20c. Bargains. W. J. Olds, Union City, Pa.

BERRIED PLANTS.

Jerusalem Cherries. Bushy, well berried plants, 4-in., $10.00; 5-in., $15.00 per 100.
H. B. Snow, Camden, New York.

JERUSALEM CHERRIES, pot grown, strong and well berried plants, 4-in., $10.00 per 100. Cash, please. F. Sokol, Worcester, Mass.

Nice field-grown Jerusalem cherry plants, 4-in., $8.00 per 100; $75.00 per 1000.
C. W. Espy & Son, Brookville, Pa.

Xmas peppers, 2¼-in., $2.00 100, $18.00 1000; 3-in., well branched, $4.00 per 100. Cash, please.
P. Rieth & Co., Downers Grove, Ill.

Christmas peppers, large plants, well fruited, 5-in., $2.50 per doz.; 6-in., $4.00 per doz.
Gullett & Sons, Lincoln, Ill.

Christmas peppers, 5-in., 20c.
Mosbæk Greenhouse Co., Onarga, Ill.

BOUVARDIAS.

Bouvardia stock plants. B. Humboldtii and rosea grandiflora, $3.00 per doz.; $20.00 per 100. Cash with order. Blondeel, Oak Park, Ill.

BULBS.

SINGLE HYACINTHS. Mammoth bulbs for forcing, all colors, named, $4.50 per 100.
SINGLE TULIPS. Artus, 75c per 100; Cottage Maid, 80c per 100; La Reine, 60c per 100; Keizerskroon, mammoth, $1.20 per 100; Yellow Prince, 85c per 100; Gesneriana, 95c per 100.
NARCISSUS. Golden Spur, double nosed, $1.75 per 100.
Sluis Seed Store, 544 W. 63rd St., Chicago.

Bulbs of all descriptions. Write for catalogue and prices.
C. Keur & Sons, Hillegom, Holland.
New York Branch, 25 W. Broadway.

American grown bulbs, none better, none cheaper. Send for surplus list at special prices.
Hubert Bulb Co., Portsmouth, Va.

CALLAS.

Godfrey callas. Outbloom, the common sort 5 to 3 or better. From 4-in., strong, ready for 6s, blooming now, 20c each (75 plants to spare); from 6-in., need shifting to 8-in., 35c each. Either size will return double their cost in blooms this season. We have more than we need. Got original stock from E. G. Hill about seven years ago. Green's Greenhouses, Fremont, Neb.

Some fine stock of Godfrey callas from stock of the first distributor; the one to grow for paying results. 2½-in. plants, will soon make blooming plants, at $5.00 per 100, $45.00 per 1000. Also a lot of started plants in flats, for prices of which write. N. O. Caswell, Delavan, Ill.

Godfrey callas, bring 3 flowers to 1 of the common, 2½-in., $5.00 per 100; $45.00 per 1000. They will bloom this season. See my A. plumosus and cyclamen advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

GODFREY CALLAS.
Good stock.

2½-in. plants	$4.00 per 100
3-in. plants	5.00 per 100

For quick results order from
Conard & Jones Co., West Grove, Pa.

Godfrey callas, true to name; 3-in. plants, $5.00 per 100. Cash.
The Newburys, Mitchell, S. D.

CANNAS.

We have an immense stock of a fine crop of canna roots for next season's delivery at $1.00 per 100; $7.00 per 1000 and up. Can furnish you 50,000 of some kinds. Get our list before ordering. The largest canna grower in the world.
Imperial Seed & Plant Co., Grange, Balto., Md.

THE IMPROVED CANNA.
64 varieties, including Mrs. A. F. Conard and the finest new ones. Send for price list.
Conard & Jones Co., West Grove, Pa.

CAMELLIAS.

Camellia japonica in assortment, 2 to 3 ft., $1.00 ea.; $10.00 doz.
Geo. H. Mellen Co., Springfield, Ohio.

CARNATIONS.

CARNATION ROOTED CUTTINGS.

	Per 100	Per 1000
Wodenethe	$15.00	$135.00
Afterglow	3.00	25.00
Beacon	4.00	30.00
Lonfire	6.00	50.00
Conquest	3.00	25.00
Enchantress	3.00	25.00
Gloriosa	6.00	50.00
May Day	3.00	25.00
Pink Delight	5.00	40.00
Princess Charming	6.00	50.00
Rosette	12.00	100.00
Rose-pink Enchantress	3.00	25.00
Ruby	3.00	25.00
Mrs. Ward	3.50	30.00
Washington	6.00	50.00
White Enchantress	4.00	30.00
White Perfection	3.00	25.00
White Wonder	6.00	50.00
Winsor	3.00	25.00

S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

FIELD-GROWN CARNATION PLANTS
DIRECT FROM GROWER.

	100	1000
Lawson-Enchantress	$4.00	$35.00
Sangamo, 10 in. in diameter	4.00	35.00
Alvina	4.00	35.00
May Day	4.00	35.00
Winsor	4.00	35.00
Victory	7.00	60.00
Queen	5.00	45.00

We never shipped a nicer lot of plants than we are now offering; large, bushy plants with many shoots. At the above prices it would pay you to buy this stock to plant in your houses after the early mums are gone. Every plant guaranteed or you can return them. Cash with order.
HOWARD P. KLEINHANS,
66 Centre Square. Easton, Pa.

CARNATION ROOTED CUTTINGS.
If you have cool house in which to keep them you can make your carnations pay you ⅓ more by getting your stock early. The following are the best paying varieties for the grower on the market today. Our stock is strictly first-class in every respect. Instructions to care for plants with every order.

	100	1000
Light Pink Enchantress	$3.00	$25.00
Dark Pink Enchantress	3.00	25.00
Pure White Enchantress	3.50	30.00
Dorothy Gordon, pink	3.00	25.00
Mrs. C. W. Ward, pink	3.00	25.00
White Wonder	6.00	50.00

250 at 1000 rate. Cash or reference.
Smith & Gannett, Geneva, N. Y.

CARNATION ROOTED CUTTINGS.
Immediate Delivery.

	100	1000
White Wonder	$6.00	$50.00
Gloriosa	6.00	50.00
Norwood	6.00	50.00
Dorothy Gordon	4.00	35.00
White Perfection	3.50	30.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
Beacon	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Winsor	2.50	20.00

Thompson Carnation Co., Joliet, Ill.

CARNATIONS.
ROOTED CUTTINGS.
IMMEDIATE DELIVERIES.
Wodenethe, the greatest white, and Brooklyn, an absolutely reliable cerise pink, $12.00 per 100; $100.00 per 1000.
Princess Charming, White House, White Wonder and Gloriosa, $6.00 per 100; $50.00 per 1000.
Winsor, Harlowarden, Sangamo, Mrs. Patten and White Perfection, $3.00 per 100; $25.00 per 1000. Chas. H. Totty, Madison, N. J.

Carnation rooted cuttings. White Wonder and Princess Charming, $6.00 per 100. White and Pink Enchantress, White Perfection, May Day, Victory, Beacon and others, $3.00 per 100.
Riverside Floral Co., Muncie, Ind.

Carnation plants. 1400 Enchantress, 75 Winsor, 200 Lady Bountiful and 100 Sangamo, $5.00 per 100.
Hollywood Gardens, 1534 Second, Seattle, Wash.

Carnation rooted cuttings. Enchantress, White Enchantress, Winsor, Beacon, $3.00 per 100.
Marine City Floral House, Marine City, Mich.

Strong field-grown carnation plants. Mrs. Thos. W. Lawson, stood inside, $3.00 per 100 for cash. M. J. Schaaf, Dansville, N. Y.

500 Winsor carnation plants, from pots, $5.00 per 100. Erie Floral Co., Erie, Pa.

CHRISTMAS STOCK.

Christmas peppers, 5 and 6-in., fine stock, 10c. Jerusalem cherries, 4-in., 5c; 5-in., 10c; 6-in., 12c; loaded with berries, finest ever grown. Fancy table ferns, 2½-in., 2c. Cyclamen, 4-in., bud and bloom, 10c. Chinese primroses, in bloom, 4-in., 5c. Primulas, in bloom, 4-in., 5c. Fine rubber plants, 4-in., 30c. Asparagus plumosus, 3 and 4-in., 5c. Boston and Sword ferns, fine stock, 4 and 5-in., 10c and 15c; 6-in. Sword, 25c. Cash, please.
Riverview Greenhouses, Lewisburg, Pa.

LOOK under headings of azaleas, begonias, berried plants, cyclamen, poinsettias and primulas and see what we offer in Christmas plants.
Gullett & Sons, Lincoln, Ill.

Christmas trees, 5 to 8 ft., 10c each. Cash.
Z. K. Jewett & Co., Sparta, Wis.

CHRYSANTHEMUMS.

ALL PRIZE WINNING STOCK.

WHITE—	PINK—
W. Frick.	Mayor Weaver.
E. Snow.	Maud Dean.
A. Byron.	Helen Frick.
Lynnwood Hall.	YELLOW—
Chadwick Imp.	G. Glow.
Venetta.	Col. Appleton.
W. Jones.	Yellow Eaton.
Pres. Taft.	Maj. Bonnaffon.
White Eaton.	G. Eagle.
PINK—	G. Wedding.
Pacific Supreme.	G. Chadwick.
Rosiere.	Y. Jones.
Gloria.	Nagoya.
A. J. Balfour.	

60c per doz.; $4.00 per 100.
Fine Ivory plants, $2.00 per 100.
C. C. Pollworth Co., Milwaukee, Wis.

Orders booked for young plants of Smith's Advance, earliest white; Unaka, earliest pink; January and February delivery, $1.00 per 10; $8.00 per 100. Please order early. Stock plants all sold. Max B. Schreiber, McDonald, Pa.

CHRYSANTHEMUMS—Continued.

FINE MUM STOCK PLANTS.
READY FOR SHIPMENT.
$4.00 per 100.
Cash with order.

Oct. Frost	Mrs. O. H. Kahn
A. J. Balfour	Pockett's Crimson
Beatrice May	Yellow Miller
Col. Appleton	T. Eaton
Dolly Dimple	Miss C. Frick
Glory Pacific	Polly Rose
Pacific Supreme	Pink Globe
Monrovia	Major Bonnaffon

White Bonnaffon
Hayman Greenhouse Co., Clarksburg, W. Va.

POMPONS—Zenobia, Baby, Diana, Lulu, Bessie Flight.
SINGLES—Adelaide, Katie Covell, Mary Richardson, Kitty Bourne, Ladysmith, Helen Totty, Harold Bishop, M. J. Carlisle, Garza, Estelle Burnes.
Both pompons and singles, 75c per doz.; $4.00 per 100.
CHRYSANTHEMUMS—October Frost, Monrovia, Golden Glow, Jeanne Nonin, Major Bonnaffon, Dr. Enguehard, Clementine Touset, 50c doz., $3.00 per 100; $25.00 per 1000. Will trade—what have you?
W. R. Miller, The Florist, Covington, Ky.

CHRYSANTHEMUMS.
Several thousand fine stock plants ready for shipment.
$3.00 per 100.

Golden Glow	Col. Appleton
Polly Rose	Golden Wedding
Halliday	White Chadwick
Touset	Adelia
Monrovia	Mrs. Robinson

Major Bonnaffon.
J. F. WILCOX & SONS,
COUNCIL BLUFFS, IOWA.

Chrysanthemums. PINK—Enguehard, Chamberlain, Glory of Pacific, Pacific Supreme, Minnie Bailey. YELLOW—Major Bonnaffon, Golden Glow. WHITE—Polly Rose, Touset, Robinson, Mrs. Wm. Buckbee, $3.00 per 100. Number 10 seedling, white, midseason; and Number 9 seedling, creamy white; late Golden Glow sport, white, $10.00 per 100. Yellow Ivory, $5.00 per 100. The two seedlings are good commercial varieties of large size.
Henry A Bester & Sons, Hagerstown, Md.

STOCK CHRYSANTHEMUMS.
Ivory, Adelia, Golden Glow, C. Touset, Virginia Poehlmann, Polly Rose, October Frost, Queen, Pacific Supreme, Glory of Pacific, Pink Ivory, Bonnaffon, Mayor Weaver, Golden Eagle, Yellow and White Jones, Silver Wedding, Chadwick, Philadelphia, White Eaton, M. Dean, Dr. Enguehard, Viviand Morel, Robt. Halliday; singles, Canary and Ladysmith. Strong stock at $4.00 per 100. John Walker, Youngstown, Ohio.

CHRYSANTHEMUM STOCK PLANTS
50c per doz.; $3.00 per 100.

Mrs. Weeks	Golden Glow
Pacific Supreme	Bonnaffon
White Ivory	Merry Jane
Pink Ivory	Col. Appleton
Touset	Mayor Weaver

Patty, 6c.
Erie Floral Co., Erie, Pa.

CHRYSANTHEMUM STOCK PLANTS.

Crocus	Alice Byron
Dr. Enguehard	Pacific Supreme
Winter Cheer	Edmond Albe
Major Bonnaffon	C. Touset

Halliday
$3.00 per 100. Cash.
Holton & Hunkel Co., Milwaukee, Wis.

$3.50 per 100; 60c per doz., cash with order, for the following stock plants: Golden Glow, October Frost, Opah, Estelle, Gloria, Holliday, Robinson, Mrs. Weeks, Alice Byron, Wm. Duckham, Pres. Taft, Honesty, Philadelphia, White and Yellow Bonnaffon, Trainor Park, Golden Wedding, Dr. Enguehard, John Burton, Jeanne Nonin, Yanoma. The Newburys, Mitchell, S. D.

CHRYSANTHEMUM STOCK PLANTS.
Golden Glow, October Frost, Gloria, Donatello, White Ivory, Yellow Ivory, White and Yellow Bonnaffon, White and Pink Shaw; pompons, Golden, Mlle. Martha, Yellow Baby, best yellow, and all other good varieties, $5.00 per 100.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

We have the following in chrysanthemums: YELLOW—Halliday, Golden Glow, Appleton, Bonnaffon and Jones. PINK—Shaw and Enguehard. WHITE—Robinson, Bonnaffon and Adelia. We will make special price on these at $3.00 per 100; 50c per doz.
Geo. A. Kuhl, Pekin, Ill.

Chrysanthemum stock plants, $4.00 per 100. Will exchange for other sorts needed. Sunshine, Touset, Robt. Halliday, Glory Pacific, Monrovia, Col. Appleton, Pacific Supreme, Robinson, Duckham, October Frost, Balfour, Black Hawk, Virginia Poehlmann, Dr. Enguehard and Jeanne Nonin. Truitt's Greenhouses, Chanute, Kan.

Why not buy for immediate delivery and double your stock by the 1st of January, thereby saving money. Extra strong 2-in. plants of the finest and earliest white chrysanthemum, Smith's Advance, ready now, $1. 25 per doz.; $10.00 per 100. Cash.
Jos. F. Klimmer Estate, Forest Park, Ill.

Chrysanthemum stock plants. Yellow and White Bonnaffon, Dr. Enguehard, Lavender Queen, Adelia, Alice Byron, Jeanne Nonin, $3.00 per 100.
Wm. Nakel, 5812 Clinton, Philadelphia, Pa.

Chrysanthemum stock plants. Strong stools. Golden Glow, Polly Rose, Glory of Pacific, October Frost, Lavender Queen, White Chadwick, Ivory, H. W. Buckbee, Yellow Bonnaffon, Clementine Touset, Col. Appleton, Pres. Taft, Alice Byron, $3.00 per 100. Yellow Chadwick, 4c. Cash. Freeport Floral Co., Freeport, Ill.

To Exchange—Chrysanthemum stock plants, Oct. Frost, Monrovia, Roosevelt, Major Bonnaffon. Enguehard, C. Touset, $3.00 per 100, for carnation rooted cuttings, White, Rose-pink and Pink Enchantress and White Perfection.
J. H. Milnor & Son, Ada, O.

"CHRYSANTHEMUMS FOR THE MILLION."
A record of notes on the culture of the chrysanthemum, by growers situated in every section of the United States, with an introduction by the author, O. H. Totty. Price, 25c.
Chas. H. Totty, Madison, N. J.

Chrysanthemum stock plants. Chas. Razer, the best commercial white, Ivory type, easy grower, $4.00 per doz.; rooted cuttings, booked for $3.00 per 100. Mayor Weaver and Gloria, both new pinks, stock plants, $2.00 per doz.
J. Van der Wal, 10421 Michigan Ave., Chicago.

Chrysanthemum stock plants. Golden Glow, Oct. Frost, W. Bonnaffon, Y. Bonnaffon, Pres. Roosevelt, W. Chadwick, Y. Chadwick, Col. Appleton, Halliday, Lady Hopetown, Honesty, cash or exchange, 50c per doz.; $2.50 per 100.
R. E. Rathbun, Sioux City, Iowa.

Chrysanthemum stock plants. Y. and W. Eaton, Y. Bonnaffon, A. Byron, Yonoma, Mlle. M. Desjouis, $3.00 100. Will trade for W. Bonnaffon, Y. or W. Chadwick, Oct. Frost or some good early white.
West View Floral Co., Knightstown, Ind.

Chrysanthemum stock plants. Polly Rose, Estelle, Adelia, Halliday, Enguehard, Mrs. Robinson, Duckham, Nonin, Bonnaffon, 3c. Orders for R. C. booked, $1.00 100. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

Chrysanthemums. Smith's Advance, the peerless early white chrysanthemum. Rooted cuttings, tips only, $5.00 per 100. 500 stock plants of Nagoya, one of the best late yellows, $5.00 per 100. Maurice J. Brinton, Christiana, Pa.

Chrysanthemum stock plants. Chas. Razer (best white), $3.00 per doz. Yellow Bonnaffon, Dr. Enguehard, $3.00 per 100; 50c per doz. Cash with order.
J. H. Miller, 5558 N. Lincoln St., Chicago.

Smith's Advance chrysanthemum plants, 2-in. stock. Good, strong plants, well rooted; this stock will give many cuttings for planting time, $1.25 per doz. Cash with order.
The Newburys, Mitchell, S. D.

Bonnaffon, White and Pink Shaw, Pacific Supreme, Ivory, Nonin at $3.00 per 100. Will exchange for plants we can use or rooted cuttings of S. A. Nutt geranium.
Baker Floral Co., Syracuse, N. Y.

Chrysanthemum stock plants. G. Glow, Crocus, Gloria, Enguehard, Oct. Frost, Polly Rose, 50c per doz.; $3.00 per 100, or will exchange for any stock I can use.
H. S. McClenahan, Oklahoma City, Okla.

Chrysanthemum stock plants. Bayer's Yellow Bonnaffon, Helen Frick, $3.00 per 100. A limited amount of White Frick, $6.00 per 100. Cash.
G. Bayer & Son, 2558 Fulton, Toledo, O.

Chrysanthemum stock plants. October Frost, Dr. Enguehard, Golden Glow, Major Bonnaffon, $3.00 per 100, or will exchange for other stock.
Wm. Eschrich Co., North Milwaukee, Wis.

Chrysanthemum Smith's Advance stock plants, $3.00 per doz.; 2¼-in. pots, strong plants, $1.25 per doz., $10.00 per 100.
A. C. Canfield, Springfield, Ill.

Fine bushy stock plants. Ivory, Pacific Supreme and Bonnaffon, 75c doz.; $4.00 per 100. Cash.
G. W. Renard, Avondale, Chester Co., Pa.

Stock plants of Oct. Frost, Polly Rose, Edmond Albe, Black Hawk and Jeanne Rosette, $3.00 per 100.
M. D. Schmidt & Son, 234 Park, Dayton, O.

Chrysanthemum stock plants. Beatrice May, Yellow Bonnaffon, Dr. Enguehard, Glory of Pacific, Golden Glow and Estelle, $3.00 per 100.
Mosbæk Greenhouse Co., Onarga, Ill.

Chrysanthemum stock plants or cuttings, fine lot of pompons. Will exchange for ferns or anything I can use. Write what you have.
Richard F. Gloede, Evanston, Ill.

3000 Smith's Advance rooted cuttings, now ready, $5.00 per 100. Mrs. B. E. Hayward, a much improved Amorita, 50c; $4.00 per 10.
G. A. Lotze, Glen Burnie, Md.

Chrysanthemum stock plants, Major Bonnaffon and Dr. Enguehard, $3.00 per 100; 50c per doz.
John W. Scott, Box 345, Lisbon, O.

Chrysanthemum stock plants, White or Yellow Chadwick, nice stock, $3.00 per 100.
Wellworth Farm Greenhouses, Downers Grove, Ill.

Chrysanthemum stock plants, Glory of Pacific and Polly Rose, 2c. Cash.
Hammerschmidt & Clark, Medina, O.

Chrysanthemum stock plants, strong. Mrs. Parr, Pres. Roosevelt, Helen Frick, $3.00 per 100.
Mercer Floral Co., Bowling Green, O.

Chrysanthemum stock plants. 500 Eaton, 500 Bonnaffon, 2½c each.
S. Wilson & Son, Marion, O.

Stock plants of yellow Garza, new, at 50c each., $5.00 per doz.
Jacob Russler, 114th and Avon, Morgan Park, Ill.

Chrysanthemum stock plants. Smith's Advance, 25c each; Golden Glow, 10c each.
Eli Cross, 25 Monroe, Grand Rapids, Mich.

CINERARIAS.

Cinerarias. Vaughan's Columbian, James' Prize, Boddington's Perfection, Matchless Dwarf, azure blue, white, blood red and old rose, 3-in., ready for 4-in., $4.00; 4-in., ready for 5-in., $6.00 per 100. Fine, clean stock. Cash only, please. J. Sylvester, Florist, Oconto, Wis.

The FLORISTS' MANUAL, by Wm. Scott. It tells you just what you want to know in just the way you want to be told. Price, $5.00. Prepaid.
Florists' Pub. Co., Caxton Bldg., Chicago.

Cinerarias, London Prize Winners, a brilliant and showy strain, many light colors, dwarf and large flowering, 2¼-in., $2.00 per 100; 300 for $5.00.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Cinerarias, dwarf varieties. Large plants, ready to shift, 2¼-in. $1.50 per 100; 3-in., $2.50 per 100; 4-in., $5.00 per 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

Cinerarias, Vaughan's Columbian, 3½-in., ready for 5-in., $5.00 per 100. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Cinerarias, dwarf prize, out of 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Cinerarias, fine mixed, 2¼-in., ready for 3-in. pots, 2½c.
J. W. Golden, 340 Ohio, Johnstown, Pa.

Cinerarias, finest large flowering dwarf hybrids, in mixture, established in 3-in. pots, $4.00 per 100. Cash. Russell Bros., R. 4, Syracuse, N. Y.

Cinerarias, choice mixed, 2¼-in., 2c; 3-in., ready for 4-in., 4c.
Hammerschmidt & Clark, Medina, O.

Cinerarias, a grand assortment, 2-in., $2.00 per 100. John Irvine & Sons, Bay City, Mich.

Cinerarias, large, dwarf flowering, 2¼-in., 2c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Cineraria stellata, 3-in., 5c; 5-in., 10c each.
Mosbæk Greenhouse Co., Onarga, Ill.

Strong dwarf cinerarias, 2-in., $2.00 per 100.
M. S. Wiecking Co., Bluffton, Ind.

CLEMATIS.

Clematis paniculata. 2 and 3-yr.-old; also Henryi, Jackmani, Andre Rpmona, Red Jack. Special price for fall delivery.
Parks & Schaufelberger, Penfield, N. Y.

Clematis paniculata. Large field-grown plants, $6.00 per 100; medium size plants, $4.00 per 100.
Geo. H. Mellen Co., Springfield, O.

Clematis paniculata, 2-yr., $7.00 per 100; $60.00 per 1000. H. G. Norton, Perry, O.

COLEUS.

COLEUS, 2-IN. POTS.

Pfister, red, yellow	$2.00 per 100
Beckwith's Gem	2.00 per 100
Golden Bedder	2.00 per 100
Verschaffeltii	2.00 per 100

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Coleus, 47 varieties, R. C., 60c per 100, $5.00 per 1000; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Coleus, strong, clean 2-in., $2.00 per 100; Verschaffeltii rooted cuttings, $6.00 per 1000. Cash, please. Rudolf Nagel, Lancaster, Pa.

Coleus, best collection in the U. S.
Albert M. Herr, Lancaster, Pa.

Coleus rooted cuttings, 8 best kinds, 50c 100.
C. L. Reese, 1840 S. Limestone, Springfield, O.

Coleus, all standard varieties. R. C., 60c per 100. M. E. Wyatt, Watseka, Ill.

Coleus, 6 good vars. R. C., 60c 100; $5.00 1000.
McRae-Jenkinson Co., Cheswick, Pa.

Coleus Golden Bedder, 3-in., 2½c.
J. H. Dann & Son, Westfield, N. Y.

COREOPSIS.

Coreopsis lanceolata, fine clumps for forcing, $5.00 per 100. G. A. Lotze, Glen Burnie, Md.

CROTONS.

CROTONS.

Pots	Each	Doz.
2¼-in.	.....	$1.00
3-in.	.....	1.50
4-in.	$0.25	3.00
7-in., 4 in a pot	75c to 1.00	....

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Crotons, 5-in. pots, 75c to $1.00 each; 6-in. pots, $1.00 to $1.25 each. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

CUT FLOWERS.

Fresh cut Bulgarie, Pink and White Killarney daily.
H. P. Neun, 941 South Ave., Rochester, N. Y.

Calla lily, daffodil and iris blooms.
H. A. Hyde, Watsonville, Calif.

CYCLAMEN.

Giant cyclamen, our own grown strain, selected from the very best and well built plants and flowers. Seed, $1.00 per 100, $6.00 per 1000; nearly all sold out. August seedlings, $2.00 per 100; $18.00 per 1000. Plants, well set with buds, 4-in., $18.00 and $25.00 per 100. Orders amounting to $25.00, 10% off. Here is one of the many letters we received from satisfied customers: E. A. Butler & Son, Niagara Falls, N. Y., say, "The plants are excellent, the finest we have ever had and, if the seed this year is of the same quality, we will be perfectly satisfied." Our aim has been to, and we have, improved our strain every season. Cultural directions with every order. See my calla and A. plumosus advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

FOR CHRISTMAS SALE.
FINE LARGE CYCLAMEN.
EXCEPTIONALLY WELL FLOWERED.

4½-in.	40c and 50c each
5-in.	50c and 75c each
6-in.	$1.00 and $1.50 each
7 and 8-in.	$1.50, $2.00 and $2.50 each

The 4½-in. plants average 10 to 12 in. across, the 5-in. are 10 to 15 in., the 6-in. run from 12 to 18 in., and the larger specimens from 18 to 24 in. Plants that will please the best trade and command a ready sale. Shipped in the pots.
Gullett & Sons, Lincoln, Ill.

Received first prize at Milwaukee Flower Show. All well grown, strong stock, in full bud and bloom.

5-in.	$ 6.00 per doz.
6-in.	9.00 per doz.
7-in.	12.00 per doz.
8-in.	15.00 per doz.

We are booking orders now for Christmas shipping. Carl Meier & Co., Green Bay, Wis.

Cyclamen giganteum superbum, the new English strain, including picturatum, Duke of Fife, Rosy Morn, also Glory (or Wonder) of Wandsbeck, Victoria, and 4 of the best German specialists' strains, 3-in., $6.00; 4 in., $12.00; 5-in., $25.00 per 100. All fine plants, well budded, mostly showing color or in bloom. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen Giganteum, best strains. Strong plants in bud and bloom.

4-in.	$10.00 per 100
5-in.	20.00 per 100
6-in.	4.50 per doz.

Prompt shipment. Cash.
C. H. Woolsey, Florist, Rockford, Ill.

CYCLAMEN.

5-in.	$20.00 per 100
4-in.	10.00 per 100
3-in.	7.00 per 100

This is the noted Winterich strain; plants in good shape, we must reduce our stock.
Swan Peterson Floral Co., Gibson City, Ill.

"FULL OF LIFE"
GIANT CYCLAMEN GIGANTEUM BLENDS

2¼-inch	$5.00 per 100
3-inch	7.50 per 100

Terms cash. Prompt shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses. Rockford, Ill.

Cyclamen giganteum from 6 separate colors, mixed by myself. 2½-in., in bud and bloom, ready for 4-in., will be in good salable condition for Xmas, $5.00 per 100. Also August sown, transplanted, good for spring sales, $2.50 per 100. Cash. N. P. Colberg, Princeton, Ill.

Cyclamen persicum giganteum, mixed colors, in bloom, ready for Christmas.

4-in.	each $ 0.25
5-in.	doz. 9.00
6-in.	doz. 12.00

R. J. Southerton, Highland Park, Ill.

Cyclamen giganteum in full bud, best strains of assorted colors and largest blooms. 2¼-in., $4.00 per 100; 3-in., $6.00 per 100; 4-in., $9.50 per 100; 5-in., $19.00 per 100. Prompt shipment. Cash, please. John Bauscher, Jr., Freeport, Ill.

Cyclamen, best giant commercial strain, 6 separate colors or mixed; 3-in., 5c, to close out; 4-in., heavy, healthy plants, in bud and bloom, 20c to 35c. J. L. Schiller, Toledo, O.

Cyclamen, best strain, strong plants, in bud. 3-in., $8.00 100; 4-in., 15c to 25c each; 4½-in., 35c each. Cash, please.
Rober & Radke, Maywood, Ill.

Cyclamen in bud and bloom. 200 good 5-in., 3 to 4 colors, at 26c. Cash, please.
E. A. Johannes, Rockford, Ill.

Cyclamen, in bud and bloom, 5-in., 15c; 4-in., 10c. Special for this one week only as I need the room. E. A. Muchow, Clarence, N. Y.

Giant cyclamen, in bud and bloom, 5-in., $6.00 per doz.; 6-in., $9.00 per doz. Cash.
Riverside Floral Co., Muncie, Ind.

Cyclamen giganteum, large flowering, 3-in., 5c; 4-in., $10.00 per 100; 5-in., $15.00 per 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

Cyclamen giganteum, 4-in., 15c.
Mosbæk Greenhouse Co., Onarga, Ill.

Cyclamen giganteum. See display adv.
J. W. Miller, Shiremanstown, Pa.

DAHLIAS.

WHOLESALE LIST FOR 1912
NOW READY
Separated stock and clumps. We use no slips or sprouts for propagation; stock all grown from tubers, insuring strong roots.
J. L. MOORE
Northboro Dahlia & Gladiolus Gardens
NORTHBORO, MASSACHUSETTS

Dahlias, extra heavy undivided field clumps. Black Beauty, $3.00 per 100. Earl of Pembroke, $4.00 per 100. Countess of Lonsdale, finest for cut flowers, $8.00 per 100.
Wagner Park Conservatories, Sidney, Ohio.

EAST BRIDGEWATER DAHLIA GARDENS.
If you are looking for dahlia stock for your 1912 catalogue, send for trade list to THE DAHLIA KING.
J. K. Alexander, East Bridgewater, Mass.

Dahlias. Large list. Any quantity desired.
Nat'l Cooperative Show Gardens, Spencer, Ind.

DAISIES.

MARGUERITES.
WHITE AND YELLOW.
Rooted cuttings.....$6.00 per 100
YELLOW.
2-in.....$2.00 per 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Marguerites. Queen Alexandra, 2½-in., $3.00; 3½-in., $5.00; 4½-in., $10.00 per 100. Queen of Belgians, Soleil d'Or and Nicholson's White, 2½-in., $3.50; 3½-in., $6.00; 4-in., $10.00 per 100. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Yellow daisies, Etoile d'Or, for winter flowering. 6-in., $50.00 per 100; 4-in., $20.00 per 100; 2½-in., $10.00 per 100.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Yellow marguerites, winter flowering. Guaranteed healthy stock out of 2½-in. pots, $5.00 per 100; 4-in. pots, 10c, $10.00 per 100. Sample by mail, 10c.
James Crawshaw, Depot Ave., Barrington, R. I.

Daisies, Paris. Rooted cuttings, giant yellow and white, $1.00 per 100. Bellis, Snowball, Longfellow, $2.50 per 1000; 5000 for $10.00.
Byer Bros., Chambersburg, Pa.

Daisies (Chrysanthemum maximum), fine for cutting. Strong divisions, right from 5-in. pots, $2.00 per 100; $15.00 per 1000. Cash with order.
W. A. Finger, Hicksville, L. I., N. Y.

Yellow daisies, 2½-in., $2.50 100; 4-in., $8.00 100; 5-in., $15.00 100.
Willis W. Kinyon, South Bend, Ind.

White marguerites, winter flowering, 75c per 100; fine 2½-in., $2.50 per 100. Cash, please.
W. G. Thomas & Son, Sheffield, Ill.

Daisies (bellis), double, large flowering, Longfellow and Snowball, fine plants, $2.00 per 1000; 5000 for $7.50. J. C. Schmidt, Bristol, Pa.

Marguerite daisies, the new one, Mrs. F. Sander, 2-in. pots, $5.00 per 100.
Johnson Floral Co., Kendallville, Ind.

Marguerite daisies, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, Ohio.

DRACAENAS.

DRACAENA FRAGRANS.

Pots	Doz.
2½-in.	$1.50
3-in.	2.00
4-in.	3.00
5-in.	5.00

DRACAENA INDIVISA.

2-in. pots	per 100, $3.00. per 1000, $25.00
3-in.	doz., $0.75; per 100, 6.00
7-in. pots	ea., $1.25; doz., 15.00

DRACAENA MASSANGEANA.

6-in. pots	each, $1.25
7-in pots	each, 1.50

DRACAENA TERMINALIS.

3-in. pots	doz., $1.75
4-in pots, strong, each, 35c	doz., 4.00

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

BUCKBEE'S "FULL OF LIFE" DRACAENAS.

	Select.	Doz.	100
Indivisa	4-in.	$1.50	$10.00
Indivisa	6-in.	3.50	25.00
Terminalis	2½-in.	1.50	10.00
Terminalis	3-in.	2.00	15.00
Terminalis	4-in.	3.00	20.00

Cash. Prompt express shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses, Rockford, Ill.

DRACAENA INDIVISA.

4½-in.	$15.00 per 100
5-in.	20.00 per 100
6-in.	35.00 per 100

Crown Point Floral Co., Crown Point, Ind.

Dracaena indivisa, 2¼-in., $2.00 per 100; $18.00 per 1000; 3-in., $6.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Dracaena indivisa. Strong 5-in. pot plants, 10c; 3-in., $3.00 per 100. Buy now.
Wm. Eschrich Co., North Milwaukee, Wis.

Dracaena indivisa, pot-grown. From 5-in. pots, $15.00 per 100; from 4-in. pots, $10.00 per 100. Cash. Queen City Floral Co., Manchester, N. H.

Dracaena indivisa, strong field-grown, 16 to 20 in., 5c; 20 to 24 in., 8c. Bargains.
W. J. Olds, Union City, Pa.

Dracaena terminalis, fine young 2½-in. stock, $10.00 per 100.
Julius Roehrs Co., Rutherford, N. J.

Dracaena indivisa, fine, 4-in. pots, $6.00 per 100. I need room. Cash, please.
Geo. A. Relyea, Poughkeepsie, N. Y.

3000 Dracaena indivisa. Good strong 2¼-in., 2½c., 3-in., 5c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dracaena indivisa, 4-in., ready for 5-in., $6.00 per 100. To make room. Cash, please.
F. A. Bennett & Son, Watertown, N. Y.

Dracaena indivisa, 2½-in., $2.50 per 100; 3-in., $4.00 per 100. Cash.
Haentze Co., Fond du Lac, Wis.

Dracaena indivisa, 3-in., 5c each.
Willis W. Kinyon, South Bend, Ind.

Dracaena indivisa, 2-in., $2.50 per 100.
Johnson Floral Co., Kendallville, Ind.

Dracaenas, strong. See display adv.
J. W. Miller, Shiremanstown, Pa.

Dracaena indivisa, 3-in., $5.00 per 100; $40.00 per 1000. L. Potter & Sons, Waukegan, Ill.

EUONYMUS.

EUONYMUS VARIEGATA.
Golden and silver leaved.
2½-in. pots .....doz., $0.50
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

FERNS.

FERNS.
FERNS MY SPECIALTY.
COCOS WEDDELINA and KENTIA BELMOREANA. Fine center plants, $1.30 per doz.; $10.00 per 100.
CIBOTIUM SCHIEDEI. Grandest stock ever offered of this most magnificent fern, 3-in., $3.50 per doz., $25.00 per 100; 4-in., $5.00 per doz., $40.00 per 100; 8-in., $2.25; 9-in., $3.50; 10-in., $4.50; 12-in., $6.50 each.
ADIANTUM CROWEANUM, 4-in., $2.00 per doz.; $15.00 per 100.
ADIANTUM CUNEATUM, 2¼-in., $3.50 per 100, $30.00 per 1000; 4-in., nice full plants, $12.00 per 100.
ADIANTUM FARLEYENSE, 4-in., $5.00 per doz.; $40.00 per 100.
ADIANTUM REGINAE and RHODOPHYLLUM, splendid 4-in. stock, $4.50 per doz., $35.00 per 100.
ASPARAGUS PLUMOSUS NANUS, 2¼-in., $3.00 per 100; $25.00 per 1000.
ALSOPHILA AUSTRALIS, a very pretty tree fern, 7-in., $1.50; 10-in., $4.00 each.
J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

Ferns, assorted varieties. Strong, healthy plants from 2¼-in. pots, $3.00 per 100, $25.00 per 1000; 3-in., $6.00 per 100, $55.00 per 1000; 4-in., $12.00 per 100.
Boston ferns, 8-in., $1.25 ea., 7-in., $1.00 ea., $10.00 per doz.; 6-in., 50c each.
Whitmani, 8-in., $1.50 ea.; 7-in., $1.00.; 6-in., 50c and 75c ea.
Scottii, 7-in., $1.00 ea.; 6-in., 50c ea.
Kentia Belmoreana, 2¼-in., $10.00 per 100; 3-in., $15.00 per 100; 4-in., $30.00 per 100; 5-in., $8.00 per doz.
Cocos Weddeliana, 2¼-in., $10.00 per 100.
Asparagus plumosus nanus, 2¼-in., $3.00 per 100; 3-in., $5.00 per 100.
Asparagus Sprengeri, 2¼-in., $2.50 per 100.
Frank N. Eskesen, Madison, N. J.

BOSTON FERNS.

Pots	Each	Doz.	100	1000
2-in.	.....	.....	$ 3.00	$25.00
6-in.	.....	6.00	45.00	.....
7-in.	$0.75	9.00	.....	.....
8-in.	1.00	12.00	.....	.....
9-in.	1.50	18.00	.....	.....

FERN BASKETS.
$1.00 each.
ASSORTED FERNS FOR DISHES.
2-in., $3.00 per 100; $25.00 per 1000.
CIBOTIUM.
7-in. .....each $2.50
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

FERNS FOR IMMEDIATE DELIVERY.
EXTRA GOOD QUALITY STOCK.
BOSTON.

	100		100
4-inch	$10.00	8-inch	$80.00
5-inch	25.00	9-inch	each, 1.25
6-inch	40.00	10-inch	each, 1.50
7-inch	60.00	12-inch	each, 2.00

WHITMANI.

	100		100
6-inch	$45.00	8-inch	$80.00

ASPARAGUS.
3-in., $6.00 per 100.
R. R. DAVIS CO., MORRISON, ILL.

FERNS FOR JARDINIERES for immediate use. Bushy, well grown plants, 6 to 8 best varieties. From 2¼-in. pots, $3.00 per 100, $25.00 per 1000; from 3-in. pots, $6.00 per 100, $55.00 per 1000; from 4-in. pots, $12.00 per 100.
ADIANTUM CUNEATUM, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.
ASPARAGUS PLUMOSUS NANUS, 2¼-in. pots, $3.00 per 100; $25.00 per 1000.
COCOS WEDDELIANA AND KENTIA BELMOREANA, 2¼-in. pots, just right for centers, $10.00 per 100.
CIBOTIUM SCHIEDII, 7-in. pots, $1.50 each.
Thomas P. Christensen, Short Hills, N. J.

Ferns. Handsome stock. Boston, Whitmani, Elegantissima compacta, Sprinfieldii, Amerpohlii, Scholzeli. Rooted runners, $1.80 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c. Sample sent for 25c. Satisfaction guaranteed. Ferns are grown at Cleveland, Ohio, plant. 60,000 feet of modern glass devoted to ferns and asparagus. Special prices on large quantities for cash only.
Schneider, Florist, Springfield, Ohio.

FERNS—Continued.

NEPHROLEPIS BOSTONIENSIS.

4-inch.....$1.50 doz.; $12.00 100
5-inch..... 3.00 doz.; 20.00 100
6-inch..... 5.00 doz.; 35.00 100

NEPHROLEPIS TODEAOIDES.

This we consider the finest of the crested varieties.

4-inch.....$2.00 doz.; $15.00 100
5-inch..... 3.50 doz.; 25.00 100
6-inch..... 5.50 doz.; 40.00 100

The above ferns are all good, strong, stocky plants, ready for immediate sales. Cash.
Jno. F. Sabransky, Kenton, Ohio.

EXTRA HEAVY GUARANTEED STOCK.

Boston, 6-in., 40c each.
Scottii, 6-in., 40c each; 5-in., 30c; 4-in., 20c.
Superbissima, 6-in., 40c each; 5-in., 30c; 4-in., 20c.
Fernery ferns, 5 varieties, 2½-in., $3.00 per 100; $25.00 per 1000.
Evenden Bros., Williamsport, Pa.

FERN BARGAINS.

Boston runners, strong.....$15.00 1000
Boston, 2¼-in. 30.00 1000
Amerpohlii, 4-in. 10.00 100
Cash with order.
The above stock is strictly clean and strong.
J. T. Cherry, Athens, Ill.

TABLE FERNS in best mixed varieties, from 2¼-in. pots, $30.00 per 1000; 250 at same rate. I have a large stock to select from. Sure to please. All out of town orders are cash with order, please.

B. SOLTAU FERNERY,
2199 Grant Ave., Jersey City, N. J.

BARGAINS IN BOSTONS.

My Whitmani stock and bench Bostons are sold out. I still have a good supply of 6-in. Bostons, in fine shape for Christmas sales. These I quote, to close out quickly, at the extremely low price, 20c each. Guaranteed to please.
A. A. Gannett, Geneva, N. Y.

Ferns. Good, strong, pot-grown Amerpohlii. Elegantissima, Piersoni, Boston and Superbissima, 3-in., $7.00 per 100; 4-in., $12.00 per 100, $110.00 per 1000; 5-in., $18.00 per 100. This is all excellent stock and worth more money but I must have room.
Andrew Peterson, Hoopeston, Ill.

Boston ferns, 6-in. pots, 45c ea., $40.00 per 100. Whitmani ferns, 4-in., 20c ea., $15.00 per 100; 5-in., 30c ea., $25.00 per 100; 6-in., 45c ea., $40.00 per 100; 7-in., 60c ea., $55.00 per 100; 8-in., 75c ea., $70.00 per 100. Ficus elastica, 35c, 50c and 75c ea. Cash, please.
Queen City Floral Co., Manchester, N. H.

BOSTON FERNS.
Fine stock.

8-inch .....$ 7.00 per 100
4-inch ..... 12.00 per 100
5-inch ..... 18.00 per 100
Thos. Salveson, Petersburg, Ill.

Boston ferns, first-class stock, for 5, 6, 7 and 8-in., 20c, 25c, 50c and 75c. Whitmani, for 6, 7, 8 and 10-in., 25c, 35c, 50c and 75c. Also large specimen plants from $1.00 up. Scottii, for 6-in., 25c and 35c. Any quantity; 7000 to choose from. Cash. A. E. Monroe, Wellesley Farms, Mass.

Ferns for dishes, transplanted, ready for potting, five varieties, $1.00 per 100; $9.00 per 1000. Strong plants, 2-inch, $3.00 per 100, $25.00 per 1000. Cash, please.
Rober & Radke, Maywood, Ill.

Bench ferns. Boston, Elegantissima, 3, 4-in., 6c, 10c. Elegantissima, 5-in., 12c. Whitmani, 3, 4, 5-in., 8c, 12c, 15c. Amerpohlii, 3, 4-in., 8c, 12c. Scholzeli, 3, 4-in., 10c; 4-in., 15c. Cash. Byer Bros., Chambersburg, Pa.

Nephrolepis exaltata Bostoniensis. Booking orders now. Fine, strong runners, $10.00 per 1000. Nephrolepis exaltata, same price as above. Nephrolepis davallioides furcans, strong runners, $2.50 per 100. J. J. Soar, Little River, Fla.

BOSTON FERNS.

4½-in. pots .....$15.00 per 100
5-in. pots ..... 20.00 per 100
6-in. pots ..... 40.00 per 100
Crown Point Floral Co., Crown Point, Ind.

Boston ferns for immediate delivery. Good, clean, strong, stocky plants, 4-in., ready for shift, $15.00 per 100; 5-in., ready for shift, $25.00 per 100. Cash with order.
Wirth & Gaupp, Springfield, Ill.

Ferns. Boston, Scottii and Scholzeli, 2½-in., fine stock, ready now, $3.50 per 100; $30.00 per 1000. Fern flats, extra strong plants; Wilsoni, Mayii, Wimsetti and Adiantoides, $2.00 per flat. R. J. Irwin, 3097 Broadway, New York, N. Y.

Boston ferns for immediate delivery. Extra good quality stock. 2¼-in., $4.00 per 100; 3-in., $7.00 per 100; 4-in., $10.00 per 100; 5-in., $25.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

ROOSEVELT FERN IS A WINNER.

2½-in. .....$2.00 per doz.; $15.00 per 100
3-in. ..... 2.50 per doz.; 17.50 per 100
F. O. B. West Grove.
Conard & Jones Co., West Grove, Pa.

Ferns, extra fine stock, clean and short. 500 3-in. Whitmani at 6c; 1500 Bostons at 5½c. Must have the room. Cash, please.
E. A. Johannes, Rockford, Ill.

Ferns for holidays. Shapely 4-in. pot plants, Boston and Whitmani, 10c. A. Sprengeri, 4-in., 6c; plumosus, 4-in., 8c.
Roney Bros., West Grove, Pa.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. 500 at 1000 rate. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

Boston and Whitmani ferns, 3-in., $7.00 per 100; 4-in., $12.00 per 100. Good strong stock ready to shift.
Momence Greenhouse, Momence, Ill.

Fern dish ferns. Heavy 2¼-in. pot plants, $3.00 per 100; $25.00 per 1000. Boston ferns, 5-in. pots, $25.00 per 100; 6-in., $40.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

FERNS FOR FERN DISHES.

Five leading varieties. Strong 2½-in. stock, guaranteed quality, $3.00 per 100; $25.00 per 1000. Evenden Bros., Williamsport, Pa.

Ferns. Boston, 2¼-in., 4c. Whitmani, 2¼-in., 5c. Elegantissima, Piersoni and Whitmani, 3-in., 8c; 4-in., 12½c; 5-in., 25c.
Mosbæk Greenhouse Co., Onarga, Ill.

Ferns. Whitmani, 4-in., strong, ready for 5 and 6-in., 20c and 25c. Boston, 5-in., 20c and 25c. Fine pot grown ferns, sure to please. Cash.
H. S. Brandt, York, Pa.

A fern bargain, to make room—Boston, Foster and Whitmani ferns in 6, 7 and 8-in. pots, heavy, about 75 plants left, $18.00 the lot.
J. P. Siebold, Lancaster, Pa.

Whitmani, very handsome stock, 35 to 50 fronds, 18 to 24 in. spread, 40c, 50c, 60c. Cyrtomium falcatum (holly fern), 4-in., 15c. Cash. N. A. Corlin, Elberon, N. J.

Boston ferns, 5, 6 and 7-in., 25c, 45c and 65c each; 8, 9 and 10-in., prices on application.
C. H. Jacobs, Westfield, Mass.

Boston ferns, 4-in., 7 to 9 fronds, this is good strong stock, $8.00 per 100; $75.00 per 1000.
H. C. Brown, Yellow Springs, Ohio.

Boston ferns, grown for our own use but have too many; 4-in., 15c; 5-in., 35c; 6-in., 50c; $6.00 per doz. D. R. Herron, OLEAN, N. Y.

Ferns for dishes, assorted varieties. Strong 2¼-in., $3.00 per 100. Cash, please.
L. Rush, 135 34th St., Detroit, Mich.

Ferns, strong bench stock. Boston and Whitmani, 15c, 20c, 25c and 30c.
R. R. Davis Co., Morrison, Ill.

Boston ferns, strong runners, $10.00 per 1000. Write for special prices on 5,000 to 20,000 lots.
F. M. Soar, Little River, Fla.

Ferns. Boston, pot-grown, fine stock, 3-in., $7.50 100; 4-in., $15.00 100; 5-in., $20.00 100.
Swan Peterson Floral Co., Gibson City, Ill.

Ferns for dishes. For special prices see display adv. John Irvine & Sons, Bay City, Mich.

Boston fern runners, 2 to 4 leaves, $2.00 per 100. P. Pearson, 5734 Gunnison St., Chicago.

Boston ferns, just right for holiday work, 4-in., 15c; 5-in., 25c. Baur Floral Co., Erie, Pa.

S. A. Nutt geranium rooted cuttings, $1.00 per 100. Cash. E. T. Wanzer, Wheaton, Ill.

Whitmani ferns out of 4-in., fine plants, $10.00 per 100. J. C. Schmidt, Bristol, Pa.

Boston ferns, 2½-in. stock, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

FEVERFEW.

Feverfew, large double white, $1.00 100, prepaid. Chas. Frost, Kenilworth, N. J.

Feverfew Gem R. C., $1.00 per 100. Cash.
Byer Bros., Chambersburg, Pa.

FORGET ME NOTS.

Myosotis Elizabeth Fonrobert, true stock, the best kind for winter blooming. Well rooted cuttings, no seedlings, ready for bench, $1.50 per 100; $10.00 per 1000. Extra strong plants from bench, $2.50 per 100; $15.00 per 1000. Cash, please. W. A. Finger, Hicksville, L. I., N. Y.

Forget-me-nots, lovely blue. Large plants, 35c per 100; $2.50 per 1000.
J. C. Schmidt, Bristol, Pa.

FUCHSIAS.

Fuchsia Little Beauty, the true stock, best fuchsia extant, 2¼-in., $4.00 per 100; $35.00 per 1000. 250 at 1000 rate.
Baur Floral Co., Erie, Pa.

Finest double fuchsias, dwarf habit. Strong, well-rooted cuttings, $1.00 100; $8.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Fuchsia rooted cuttings. Black Prince and other good sorts, $1.00 per 100; $10.00 per 1000.
G. E. Fink, Kenilworth, N. J.

Fuchsias, assorted vars. R. C., $1.50 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

GARDENIAS.

Gardenia Veitchii. 3000 extra fine plants in 4-in. pots, $8.50 100; $85.00 1000.
The Hammond Co., Inc., Richmond, Va.

GENISTAS.

Genista racemosa, 6-in. pot plants, $25.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

Genistas. R. C., $1.50 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

GERANIUMS.

Geranium cuttings, well rooted. S. A. Nutt, Buchner, Montmort, $1.25 per 100; $10.00 per 1000. Poitevine and Ricard, $1.50 per 100; $12.50 per 1000. Cash with order.
C. B. Shisler, Williamsville, N. Y.

GERANIUMS.

S. A. Nutt, Montmort, DeFrance, Dble. White 2¼-in., $2.00 per 100; $18.00 per 1000. Rooted cuttings, $12.00 per 1000.
Ricard and Viaud,
2¼-in., $2.25 per 100; $20.00 per 1000. Rooted cuttings, $14.00 per 1000.
SCENTED GERANIUMS.
2¼-in., $2.00 per 100.
Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses. Dayton, O.

GERANIUM ROOTED CUTTINGS

Strong, selected, every one a plant. We grow for the trade only, and our aim is quality.

S. A. Nutt.....$12.00 per 1000
Mme. Buchner ..... 11.00 per 1000
Duc de Montmort ..... 12.00 per 1000
Beaute Poitevine ..... 14.00 per 1000
Jean Viaud ..... 12.00 per 1000

We have about 50,000 of the above ready for immediate shipment.
E. Rawlings, Wholesale Grower, Olean, N. Y.

GERANIUMS.

2½-in. .....$20.00 per 1000
Rooted cuttings ..... 12.50 per 1000
We have the following varieties: Nutt, Ricard, Poitevine, Jean Viaud, Gloire de France, Perkins, La Favorite, Grant, Mme. Landry, Col. Thomas, Conover and several others. Send your orders now. Terms cash, please.
Swan Peterson Floral Co., Gibson City, Ill.

ROOTED GERANIUM CUTTINGS.

Strictly A1 stock of the following superb bedders: S. A. Nutt (greatest dark red), Double Grant (most satisfactory scarlet bedder), Mme. Buchner (only dble. white), $1.50 per 100; $14.00 per 1000. Beaute Poitevine (salmon), Alp. Ricard (scarlet), $1.75 per 100; $16.00 per 1000. Order now and get prompt delivery.
W. T. Buckley Co., Springfield, Ill.

Geraniums. Lecadre, Mosnay, Roseleur, Nutt, Dagata, Ricard, Viaud, La Favorite, Col. Thomas, Jaulin, Perkins, Oberle, 2-in. stock, $2.00 per 100; $18.50 per 1000. Hill, Dryden, Claire Frenot, Pres. Baillet, Mrs. Vincent, Bisquit, 2-in., $3.00 per 100; $25.00 per 1000. Cash. Send for Geranium catalogue. A. D. Root, Wooster, O.

Geranium rooted cuttings, A No. 1. S. A. Nutt, Buchner, La Favorite, Doyle, Viaud, Perkins, Tiffany, $11.00 per 1000. Poitevine, Ricard, Trego, $14.00 per 1000. All of the above varieties mixed, $9.00 per 1000. 2-in. stock of all of the above named varieties, $2.00 per 100; $18.00 per 1000. D. R. Herron, OLEAN, N. Y.

GERANIUM ROOTED CUTTINGS.

S. A. Nutt.....$11.50 per 1000
Ricard ..... 14.00 per 1000
Poitevine ..... 14.00 per 1000
Well packed. We have no other varieties.
Albert M. Herr, Lancaster, Pa.

GERANIUMS.

S. A. NUTT, MONTMORT, DBLE. WHITE.
Rooted cuttings, $10.00. per 1000.
2-in., $2.00 per 100; $18.00 per 1000.
Cash with order.
Henry Dornbusch, R. D. 2, Dayton, O.

Geraniums. Strong 2 and 2½-in. Ricard, J. Viaud, $20.00 per 1000; S. A. Nutt, $18.00. Cash with order. Also a few Sulleroi, Buchner, Poitevine, etc., mixed $18.00 per 1000.
Quaker Hill Nurseries, Oxford Depot, N. Y.

Geraniums. S. A. Nutt, Mme. Buchner, Frances Perkins, Clyde, 2¼-in., $2.50 per 100; $20.00 per 1000. R. C., $8.00 per 1000.
So. Bend Floral Co., South Bend, Ind.

Geraniums. Ricard, Mrs. Perkins, Montmort, Harcourt, 2¼-in., $2.50 100; $20.00 1000. Rooted cuttings, mixed, $1.00 per 100.
Willis W. Kinyon, South Bend, Ind.

Geranium rooted cuttings. Nutt, Poitevine, Landry, Barney, Viaud, Ricard, La Favorite, L'Aube and Mme. Bruant, $1.25 per 100; $10.00 per 1000. Parker Greenhouses, Norwalk, O.

Geranium rooted cuttings. Hill, Buchner, Double Grant, Doyle and mixed, $11.00 per 1000. Castellane, Ricard, $14.00 1000. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

GERANIUM ROOTED CUTTINGS.

S. A. Nutt, Buchner, $12.00 per 1000. Doyle, Viaud, Ricard and Jaulin, $14.00 per 1000. Cash with order.
FRED W. RITCHY, LANCASTER, PA.

Geranium rooted cuttings. Ricard, Poitevine, Doyle, Viaud, Castellane, $14.00 per 1000. Nutt, $12.00 per 1000. Ready for shipment Jan. 1, 1912. Cash, pelase.
Rudolf Nagel, Lancaster, Pa.

Geraniums. S. A. Nutt, best of all reds, and Beaute Poitevine, best pink, $2.00 per 100; $18.00 per 1000. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Geranium rooted cuttings. S. A. Nutt, La Favorite, all A 1, good, strong, well rooted stock from sand, $12.50 1000. Cash with order please. Fred C. Greene, Oil City, Pa.

Geranium S. A. Nutt. Extra strong 2¼-in. stock, $2.50 per 100; $22.50 per 1000.
Wellworth Farm Greenhouses, Downers Grove, Ill.

Geraniums. Nutt, Ricard, Poitevine, La Favorite, Perkins, Castellane, 2-in., $2.50 per 100.
John Irvine & Sons, Bay City, Mich.

Geranium R. C., 8 standard varieties, $1.50 per 100; 2½-in., $3.00.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Nutt Geranium rooted cuttings, $12.00 per 1000. Erie Floral Co., Erie, Pa.

8000 Nutt geranium rooted cuttings, ready for shipment, $12.00 per 1000. Cash with order.
Peter Brown, Lancaster, Pa.

Extra strong Nutt, ready for 3 or 3½-in., $20.00 per 1000.
T. B. Stroup, New Philadelphia, O.

First-class rooted cuttings of S. A. Nutt geraniums at $10.00 per 1000. Cash with order.
C. F. Treichler, Sanborn, N. Y.

Geraniums. Col. Thomas, Fleuve Blanc, Harcourt, R. C., $1.20 per 100.
M. E. Wyatt, Watseka, Ill.

Geraniums. S. A. Nutt, strong 2-in., $2.00 per 100; $18.00 per 1000. Cash.
J. J. Soper, Rockford, Ill.

Geraniums. Single Grant, 2¼-in. pots, to close out, $1.50 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Geraniums. S. A. Nutt and standard varieties, 2½-in., $2.50 per 100; $20.00 per 1000. Cash.
H. G. Norton, Perry, O.

Geraniums. Ricard, Poitevine, Castellane, Nutt, La Favorite, fine 2¼-in. stock, $2.00.
S. M. Harbison, Danville, Ky.

Geraniums, mixed, from rooted cuttings to 4-in. stock, any size, $1.00 to $4.00.
Mercer Floral Co., Bowling Green, O.

Geranium rooted cuttings. Ricard, $12.50 per 1000; Nutt, $12.00 per 1000.
G. E. Fink, Kenilworth, N. J.

Geranium rooted cuttings. Nutt, $1.00 per 100; Jean Viaud, $1.25 per 100.
Jacob Doerrer, Cedar St., Columbia, Pa.

Geraniums, 2¼-in., $2.00 per 100.
W. W. Dederick, Warsaw, Ind.

GLADIOLI.

Choice mixture, named varieties, 1-in. and up, containing large percentage of Independence, also Francis King, Golden Queen, Mrs. Beecher, Blanche, Augusta, etc., $1.00 per 100; $8.00 per 1000. America No. 1, $2.50 per 100; No. 2, $2.00 per 100; $15.00 per 1000. Seed, mostly America, 50c per ounce. Cash.
H. H. Greene, L. B. 189, Saginaw, Mich.

Gladioli. Fine bulbs of King, Independence, May, Klondyke, Alice Carey, Pres. Taft and the best mixtures. Prices cheap for cash.
G. B. Babcock, R. D. 80, Jamestown, N. Y.

Gladioli. Pink Beauty, see display adv. Plant now. The Bride, also Pink Bride, 60c 100; $5.00 1000. Cash.
Stevens Gladioli Co., Saginaw, W. S., Mich.

Gladiolus bulbs for forcing, mixture and named varieties.
W. E. Kirchhoff Co., Pembroke, N. Y.

Gladioli, 1¼-in. and up. Augusta and May, $12.50 per 1000; America, $25.00 per 1000. Cash.
W. Frank & Sons, Portland, Ind.

Gladioli. Blushing Bride nd The Bride, 60c per 100; $5.00 per 1000.
Storrs & Harrison Co., Painesville, O.

America gladiolus bulbs and bulblets now ready for fall shipment. Write for prices.
B. B. Currier, Seabright, Calif.

Gladioli. All the best ones in quantity.
Nat'l Cooperative Show Gardens, Spencer, Ind.

Special offer on Augusta. Big bargain.
C. H. Ketcham, N. S. D., So. Haven, Mich.

GNAPHALIUMS.

GNAPHALIUM LANATUM.
2-in. .....$2.00 per 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

GREVILLEAS.

Grevilleas, 4 and 5-in., 20c.
Anderson Floral Co., Anderson, S. C.

Grevillea robusta, 4-in., strong, bargain at 12c.
W. J. Olds, Union City, Pa.

GUAVAS.

Strawberry guavas, 4-in., $10.00 per 100.
Orange County Ornamental Nursery, Fullerton, Calif.

HARDY PLANTS.

Hardy pinks, fine plants, 50c per 100; $4.00 per 1000. J. C. Schmidt, Bristol, Pa.

HELIOTROPES.

HELIOTROPES.
2-in. pots.....$2.00 per 100
3-in pots..... 4.00 per 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgrebrook, Chicago, Ill.

Heliotrope rooted cuttings, 70c per 100; $6.00 per 1000; by mail, 10c per 100 extra; 2¼-in., $2.00 per 100. $18.00 per 1000. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Heliotrope rooted cuttings, 75c per 100, mailing 10c; 2¼-in., 2½c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Heliotropes, dark; good stock. Strong and well-rooted cuttings, 75c 100; $6.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Heliotrope rooted cuttings, 75c per 100 postpaid; 2¼-in. pots, 2c.
C. H. Jacobs, Westfield, Mass.

Heliotropes, strong 2½-in., $2.00 per 100.
Thos. Salveson, Petersburg, Ill.

HIBISCUS.

25 5-in. Hibiscus Peachblow, $12.00 100.
Thos. Salveson, Petersburg, Ill.

HOLLYHOCKS.

Hollyhocks, double; separate colors. Fine field-grown plants that will bloom next season, 75c per 100; $5.00 per 1000. J. C. Schmidt, Bristol, Pa.

HONEYSUCKLES.

Honeysuckles, Hall's Japan, 1-yr. old.
H. P. Neun, 941 South Ave., Rochester, N. Y.

HYDRANGEAS.

Hydrangea Otaksa, fine pot grown stock, 4-in., 2 to 3 shoots, $15.00 per 100; 5-in., 2 to 3 shoots, $20.00 per 100; 6-in., 3 to 5 shoots, $35.00 per 100.
Hydrangea Otaksa, field-grown. Extra specimens for large tubs, 12 to 15 shoots, $1.00 each.
Storrs & Harrison Co., Painesville, Ohio.

	Per 100
Hydrangea Otaksa, 6-in., 3 to 6 crowns	$30.00
Hydrangea Otaksa, 5-in., 3 to 5 crowns	20.00
Hydrangea Otaksa, 4-in., 2 to 5 crowns	12.50
Hydrangea Thos. Hogg, 4-in., heavy plants	10.00

J. WILLIAM COLFLESH'S SONS,
53rd & Woodland Ave., Philadelphia, Pa.

Hydrangea Otaksa, pot-grown, 6-in., 6 to 10 shoots, $3.50 doz., $25.00 100; 5-in., 3 to 6 shoots, $2.00 doz., $15.00 100; 4-in., 2 to 3 shoots, $1.50 doz., $10.00 100; 2¼-in., $3.00 100; rooted cuttings, $1.50 100.
G. E. Fink, Kenilworth, N. J.

Hydrangea Otaksa, pot-grown, 3-in., 10c; 4-in. to 10-in., from 2 to 20 shoots, to bloom for Easter, 20c to $2.00 each. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

Hydrangea Otaksa, 3-in., will bloom this season, $4.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Hydrangea arborescens grandiflora alba, large 2-yr. field-grown, $12.00 per 100.
Geo. H. Mellen Co., Springfield, O.

Strong, field-grown Hydrangea Otaksa, 3 to 5 shoots.
H. P. Neun, 941 South Ave., Rochester, N. Y.

Hydrangea Otaksa, field-grown, 1 shoot, 6c; 2 shoots, 10c; 3 shoots, 15c.
Erie Floral Co., Erie, Pa.

Hydrangea Otaksa for Easter and Decoration day. See our display adv.
Jackson & Perkins Co., Newark, New York.

Hydrangea Otaksa, field grown. 1 crown plants, 6c; 2 crown, 8c; 3 crown, 10c.
Baur Floral Co., Erie, Pa.

IMPATIENS.

Impatiens Sultani, R. C., $1.00 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

IRISES.

Irises, Japanese, 50 varieties, $3.50 per 100.
Gilbert Costich, Rochester, N. Y.

IVIES.

ENGLISH IVY.
3-in. pots .....doz., $0.75
4-in. pots .....doz., 1.50
GERMAN IVY.
2-in. pots .....$2.00 per 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook. Chicago, Ill.

German ivy. R. C., 50c per 100, mailing 10c; 2¼-in., 2½c.
English ivy, 2½-in., 4c; R. C., $1.00 100, $9.00 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

German ivy, 2¼-in., $1.50 per 100; rooted cuttings, 60c per 100, $5.00 per 1000.
L. H. DORNBUSCH
Hills and Dales Greenhouses, Dayton, O.

English ivy, 2-yr. field plants, 2½ to 4 ft. long, 2, 3 and 4 leads, extra fine, 10c each; 200 for $8.00. Cash.
Benj. Connell, Florist, Merchantville, N. J.

English ivy (Hedera Helix). R. C., strong $2.00 per 100. Cash.
N. P. Colberg, Princeton, Ill.

Ivies. German, R. C., 60c 100. Kenilworth, R. C., 60c 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

English ivy, strong plants from 2½-in. pots, $4.00 per 100.
Geo. H. Mellen Co., Springfield, Ohio.

Ivies. German, 60c. English, $1.00, prepaid; 2½-in. Eng., $4.00. Chas. Frost, Kenilworth, N. J.

English ivy, 3-in., $5.00 per 100. Orange County Ornamental Nursery, Fullerton, Calif.

LANTANAS.

LANTANA DELICATISSIMA.
2-in. .....$2.00 per 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Weeping lantanas. Strong plants from 2½-in. pots, $3.00 per 100.
Geo. H. Mellen Co., Springfield, Ohio.

Lantanas, 2-in., $2.00.
Mercer Floral Co., Bowling Green, O.

LILY OF THE VALLEY.

Lily of the valley, cold storage, for Christmas flowering, $1.75 per 100; $15.00 per 1000. Chicago Market Brand, $2.00 per 100; $16.00 per 1000.
H. N. Bruns, 3038 W. Madison St., Chicago.

LOBELIAS.

Lobelia Kathleen Mallard, the new double. I have 50,000 extra large and well rooted cuttings, transplanted into soil, and if you want good, clean, healthy stocks for spring trade, order now. Well packed to stand any weather; satisfaction guaranteed. 65c per 100, by mail; $4.50 per 1000, by express.
S. A. Pinkstone, York & Hickory, Utica, N. Y.

LOBELIA KATHLEEN MALLARD.
2-in. .....$3.00 per 100; $25.00 per 1000
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of the Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Lobelia Kathleen Mallard, the new double. Rooted cuttings from soil, 65c per 100 by mail; $4.50 per 1000 by express.
Whitton & Sons, City & Green, Utica, N. Y.

Lobelia Kathleen Mallard, R. C., 50c per 100.
M. E. Wyatt, Watseka, Ill.

LUPINES.

Lupines from 2-in. pots, well established; $2.00 per 100.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

MISTLETOE.

MISTLETOE, SILLIMAN'S EVERY SPRIG BERRIED BRAND. Now booking orders for December shipment. QUALITY QUARANTEED.
A. B. Silliman & Co., Boone, Iowa.

NURSERY STOCK.

Lilacs for forcing and gardens. Marie Legraye, Charles X, Mme. Lemoine, Souv. de L. Spaeth, Mme. Casimir Perier, Marley Rouge.
Conifers, large trees in variety.
Description and price on application.
A. I. Anderson, Sherwood, Ore.

My catalogue for 1911 of native trees, shrubs, bulbs and plants is now ready to mail.
L. E. Williams, Exeter, N. H.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS.
ELLWANGER & BARRY, ROCHESTER, N. Y.

PALMS, ETC.

ARECA LUTESCENS.

Pots	Doz.	100
3-in., 3 plants in pot	$2.00	$15.00

COCOS WEDDELIANA.

2-in. pots	doz., $1.75;	100,	$14.00
3-in. pots	doz., 2.50;	100,	20.00

KENTIA BELMOREANA.

Pots	Height	Leaves	Each	Doz.	100
2½-in.	8-in.	4	.....	$ 1.50	$12.00
3-in.	8 to 10-in.	4 to 5	.....	2.00	15.00
4-in.	12 to 15-in.	4 to 5	.....	3.60	30.00
5-in.	18 to 20-in.	5 to 6	$ 0.75	9.00	.....
7-in.	28 to 30-in.	6 to 7	2.50	30.00	.....
7-in.	40 to 44-in.	6 to 7	4.50	.....	.....
8-in.	44 to 45-in.	7 to 8	5.50	.....	.....
9-in.	48 to 50-in.	7 to 8	8.00	.....	.....
9-in.	50 to 54-in.	7 to 8	10.00	.....	.....

KENTIA FORSTERIANA.

Pots	Height	Leaves	Each	Doz.
2-½-in.			.....	$ 1.50
3-in.			.....	2.00
4-in.			.....	3.60
5-in.			.....	5.00
5-in.	20 to 24-in.	4 to 6	$0.75	9.00
6-in.	30 to 35-in.	4 to 6	1.00	12.00
7-in.	36 to 38-in.	5 to 6	2.50	.....
8-in.	40 to 42-in.	5 to 6	4.50	.....
9-in.	46 to 50-in.	6 to 7	7.00	.....

MADE-UP PLANTS.

Pots	Height	Plants in pot	Each
7-in.	24 to 30-in.	3 to 4	$ 2.50
9-in.	50 to 54-in.	3 to 5	8.00
10-in.	58 to 60-in.	4 to 5	10.00
12-in.	62 to 70-in.	4 to 5	15.00

LATANIA BORBONICA,

2-in., 1 to 2 leaves.	per 100,	$3.00; per 1000,	$25.00
4-in. pots	per doz.,	3.00; per 100,	20.00
5-in. pots	per doz.,	5.00; per 100,	40.00

PANDANUS UTILIS.

3-in. pots	per doz.,	$2.00

PANDANUS VEITCHII.

4-in. pots	each,	$0.50; per doz.,	$ 5.50
5-in. pots	each,	.75; per doz.,	9.00
6-in. pots	each,	1.00; per doz.,	12.00

PHOENIX CANARIENSIS.

7-in. pots, 36 to 40-in. high	each,	$ 2.50
10-in. pots, 50 to 54-in. high	each,	8.00
10-in. pots, 60 to 64-in. high	each,	10.00

PHOENIX RECLINATA.

4-in. pots	each,	$0.25; doz., $3.00; 100,	$20.00
5-in. pots	each,	.50; doz., 5.00	
6-in. pots	each,	.75; doz., 9.00	

PHOENIX ROEBELENII.

Pots	Each	Doz.	100
2½-in.	.....	$2.00	$15.00
3-in.	.....	3.00	22.50
5-in.	.....	9.00	70.00
6-in.	$2.00	.....	.....
7-in.	2.50	.....	.....

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Cocos Weddeliana, grand 2½-in. stock, $10.00 per 100.
Kentia Forsteriana for decorating, 8-in. tubs, 40 to 44 in. high., $4.00 each; 8-in. tubs, 44 to 48 in. high, $5.00 each.
Storrs & Harrison Co., Painesville, O.

PALMS—Continued.

"FULL OF LIFE" CLEAN, HEALTHY STOCK.

	Select.	Doz.	100
Pandanus Veitchii	3-in	$3.50	$25.00
Pandanus Veitchii	4-in	5.50	45.00
Kentia Belmoreana	4-in	5.00	35.00
Kentia Forsteriana	4-in	5.00	35.00

Cash. Prompt express shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses. Rockford, Ill.

PALM SALE.

We have some 1000 palms, from 4-in. up to 8-in. pots, of Kentia (both varieties), Latania borbonica, Phoenix (two varieties), which we want to close out at once. Will make a close cash price to any one that is able to handle the lot, or will sell in dozen lots. Send for list.
Chillicothe Floral Co., Chillicothe, O.

2000 2¼-inch Kentia Belmoreana.
500 3-inch Kentia Forsteriana.
1000 2¼-inch Chamaerops Excelsa.
200 2¼-inch Phoenix reclinata.
500 2¼-inch Latania borbonica.
$150.00 cash takes the lot.
GEO. JUST. JACKSONVILLE, FLA.

Phoenix Roebelenii, 6-in. pots, 1 to 2 ft. high, $1.00 each; 7-in., $2.00 each.

Areca lutescens, 3½ to 4½ ft. high, bushy, 4 to 5 plants to a pot, $2.25 each.
B. M. Wickers & Co., Gretna, La.

Kentia Belmoreana from 2¼-in. pots, 3 leaves, $6.00 per 100; $55.00 per 1000. Cash or satisfactory references with order.
B. Soltau Fernery,
199 Grant Ave., Jersey City, N. J.

Pandanus Veitchii, 3-in. pots, $10.00 per 100; 4-in., $20.00 per 100; bench-grown, 10 in. high, $10.00 per 100; 15 in. high, $15.00 per 100.
J. J. Soar, Little River, Florida

Pandanus Veitchii, bench-grown plants, 10 in. high, $10.00 per 100; suckers, $4.00 per 100.
F. M. Soar, Little River, Fla.

Kentias. Big stock. Write for prices.
Holton & Hunkel Co., Milwaukee, Wis.

PANSIES.

HOME OF PANSIES.

Our strain of pansies is unsurpased. We have scores of testimonials. Here is what a few of my customers say—Audubon Park Association, New Orleans, La., writes: "Pansies received in good order. Thanks." J. M. Breckenridge, Savannah, Ga., sends us an order and says: "I bought plants from you last year and found them very satisfactory." The Pansy Floral Co., De Land, Fla., sends us an order and says: "Plants we got from you last year were fine." Industrial School and Gardens, Mobile, Ala., says: "The pansies you sent were in good shape when received and are doing nicely." They sent us another order. We have a large stock of Our Own Specials, Masterpiece, Perret, Trimardeau, black, yellow, blood red, etc., all kinds mixed, $2.50 per 1000. 5000 for $10.00.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Pansy Park Perfection is the best strain of giant show and fancy pansies, largest in size and of the greatest variety of rich and rare colors, the reds and bronzes in large proportion. The growing of pansy seeds and plants a specialty for nearly 40 years. Over 75 varieties mixed. An immense stock of fine field-grown plants from seed sown thinly, broadcast, so that each plant has plenty of room to grow stocky and strong, with extra good roots, 1000, $3.00; 500, $1.75; 5,000, $14.00; 10,000, $27.00. Special attention to southern orders and delivery in good condition guaranteed. Cash with order.
L. W. Goodell, Pansy Park, Dwight, Mass.

Think of the strain of pansies containing light, dark, lavender, violet, blue, bronze, royal purple, red, cerise, salmon, mahogany, yellow and red and gold shades, a dozen or more varieties in each shade, of immense size with great form and substance. They are MASTODON PANSIES. It has cost us hundreds of dollars and eighteen years' time to upbuild this strain and it is worth all it cost. We guarantee perfect order delivery everywhere and we guarantee satisfaction. Plants, 50c 100; $3.00 1000; $12.50 5000, prepaid.
Steele's Mastodon Pansy Gardens, Portland, Ore.

Pansy plants, grown from the finest giant mixtures, $3.00 per 1000. Cash. No order less than 500. John Lappe, Maspeth, L. I., N. Y.

Pansies, strong transplanted, for flowering in greenhouse, best sorts, $2.00 per 100.
F. A. Baller, Bloomington, Ill.

PELARGONIUMS.

Pelargoniums, 2½-in. stock, named varieties, 20 best varieties grown. Our selection, $5.00 per 100; your selection, $7.00 per 100. Cash with order. Will exchange for any variety we do not have. The Newburys, Mitchell, S. D.

Pelargoniums, the old-fashioned dwarf everblooming pansy geranium, the one you can recommend to your customers as a free bloomer, 2-in., $3.00 per 100; 2½-in., $4.00 per 100. Good stock. Green's Greenhouses, Fremont, Neb.

Pelargoniums, assorted varieties, 2-in., ready for shift, $3.00 per 100.
Williams & Clark Floral Co., Muncie, Ind.

Pelargonium Robert Green, 2½-in., $4.00 per 100. Johnson Floral Co., Kendallville, Ind.

PEONIES.

Peonies, 40 best commercial varieties. Strong plants, $5.00 per 100 and up.
Gilbert Costich, Rochester, N. Y.

Peonies in separate colors, including early and late blooming kinds, in white, pink, rose and red; equal amounts of same or in separate colors. Heavy divisions, $1.50 per doz., $7.50 per 100; $65.00 per 1000; medium, $5.00 per 100; $45.00 per 1000; small, $3.00 per 100; $25.00 per 1000. Cash, please.
Wm. A. Finger, Hicksville, L. I., N. Y.

Peonies in any quantity. Write for prices on list of your wants.
Gilbert H. Wild, Sarcoxie, Mo.

Peonies. Excellent stock, leading commercial varieties. Wild Bros. Nursery Co., Sarcoxie, Mo.

Peonies only, by the wholesale. Best 100 varieties. J. F. Rosenfield, West Point, Neb.

PEPEROMIAS.

Peperomias, silver striped, 2½-in., $3.50 per 100; $30.00 per 1000.
Geo. H. Mellen Co., Springfield, Ohio.

PETUNIAS.

Dreer's double petunias, 6 choicest colors and varieties; just what you need for propagating, 3-in., 5c. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Dreer's double petunias, selected large flowering doubles, finely fringed, mixed colors. Rooted cuttings, $1.00 100, $9.00 1000; 2-in., $2.00 100. Cash. J. P. Cannata, Mt. Freedom, N. J.

Petunias, double fringed. Strong rooted cuttings, $1.00 100; $9.00 per 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

2000 D. petunias, $2.00 per 100.
Mercer Floral Co., Bowling Green, O.

Petunias, double red, pink, variegated, 2¼-in., 3½c. Hammerschmidt & Clark, Medina, O.

POINSETTIAS.

XMAS. POINSETTIAS.

Perfect stock from outside cuttings.
2½-in., $10.00; 3-in., $15.00; 4-in., $20.00; 5-in., $35.00 per 100. In pans, 7-in., $1.00; 9-in., $1.50; 10-in., $2.00 each. Good flower and foliage guaranteed. Evenden Bros., Williamsport, Pa.

Poinsettia headquarters. Good, strong stock, in bloom. 3-in., $10.00 100; 5-in., made up, 3 plants in pot, 50c to 75c each; 6-in., made up, 4 to 6 plants in pot, 75c to $1.00 each; 8-in., made up, 5 to 7 plants in pot, $1.50 to $2.00 each. Cash, please. Rober & Radke, Maywood, Ill.

PANS OF POINSETTIAS.
Fine bracts for Christmas.
6-in., 3 in a pot.....75c each
7-in., 4 in a pot.....$1.00 and $1.25 each
Gullett & Sons, Lincoln, Ill.

Poinsettias in fine shape for Christmas. From 3, 3½, 4 and 5-in. pots, 12c to 35c each; made-up pans with ferns, 50c to $1.50 each. Cash.
Aug. H. Schaefer, York, Pa.

Poinsettias, August propagated, just right for pans, 2½-in., $4.00 per 100.
John Irvine & Sons, Bay City, Mich.

Poinsettias, 2½-in., 6 in. high, bud and bloom, nice for ferneries, 6c each; $5.00 per 100.
Krueger Bros., Toledo, O.

PRIMULAS.

Primulas. Obconica grandiflora, fringed, Ronsdorfer and Lattmann's strain, in following colors: kermesina, rosea, lilacina and alba, from 4-in. pots, assorted, 7c. Gigantea, Arendsi strain, in same colors as above, assorted, 4-in., 8c. This stock is all strong, with heavy crowns, some in bud and bloom. Sample mailed for 10c or a bloom sent free on request. Cash or satisfactory reference. C. F. Mahan, R. D. 8, Dayton, O.

PRIMULA OBCONICA.
3-in. pots.....per doz., $0.75; per 100, $6.00
PRIMULA SINENSIS.
4-in. pots.....per doz., $1.50; per 100, $10.00
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Primula obconica. Best imported stock of large flowering strains, in bud and bloom. 2¼-in., $2.50 per 100; 3-in., $4.50 per 100; 5-in., $10.00 per 100. Cash.

Chinese primroses, finest fringed, in full bloom, mixed, 4-in., $8.00 per 100; 5-in., $15.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Primulas. Obconica and Forbesi, strong 2-in., ready for 4-in. pots, $1.50 per 100. Chinese, 4-in., $8.00 per 100. Obconica, 4-in., $6.00 per 100. All the above are A No. 1. Order now and get stock you will be pleased with. We defy all competition. Ferns, cash with order.
R. S. McMurray, Bellefontaine, O.

Primula obconica. Pink, 2½-in., $3.00 per 100; 3-in., $6.00 per 100. Red, 2½-in., $3.00 per 100; 3-in., $6.00 per 100.
These primulas have been grown from a fine strain of seed and are extra nice.
Geo. H. Mellen Co., Springfield, Ohio.

Primula obconica grandiflora, 3-in., partly in bloom, $6.00 per 100; 4-in., in full bloom, $2.00 per doz. Chinese primroses, 4-in., $10.00 per 100. Cash, please.
Rober & Radke, Maywood, Ill.

Primula obconica gigantea, our Royal mixture. Strong stock, in bud, ready for shift, 2½-in., $2.75 100. Kewensis, also in bud, 2½-in., $2.50; 3-in., $5.00; 4-in., $8.00 100. Cash.
Freeport Floral Co., Freeport, Ill.

Primulas obconica, alba and rosea, $1.50 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Chinese primroses, extra fine plants, large flowering, mixed colors, in bud and bloom. 4-in., large plants, 10c, $8.00 per 100; 5-in., extra large plants, $15.00 per 100. Cash.
Wm. A. Fenical, Harrisburg, Pa.

Chinese primroses, a superb strain, large fringed flowers, many colors equally mixed, in bud and bloom, 4-in., $6.00 per 100. Primula obconica, 3-in., $3.00 per 100; 4-in., $6.00 per 100.
Whitton & Sons, City & Green, Utica, N. Y.

Chinese primroses, finest fringed, mixed colors, 3-in., $4.00; 2-in., $2.00. Kewensis, 3-in., $3.00. Extra good plants. Cash. M. S. Etter, successor to John F. Rupp, Shiremanstown, Pa., The Home of Primroses.

Primulas, Chinese, 3-in., ready for a shift, all colors, $5.00 per 100; 4-in., all red, in bud and bloom, 10c each. Kewensis, in flower, 3-in., 5c each. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Chinese primulas, 3-in., ready to shift, 5c. Primula kermesina, 3-in., ready to shift, 5c. Obconica, mixed, 2-in., 1½c.
U. G. Hargierode, Shippensburg, Pa.

Chinese primroses, large fringed flowers, special for one week, at 6c each; from 4- and 5-in. pots. Must have room.
E. A. Muchow, Clarence, N. Y.

FLOWERING FOR CHRISTMAS.

Primroses, well in flower, 5-in., 25c; 6-in., 40c. Several colors.
Gullett & Sons, Lincoln, Ill.

Primula obconica, rosea, grandiflora, alba and carminea, from 2½-in., strong plants, $3.00 per 100.
H. P. Neun, 941 South Ave., Rochester, N. Y.

Primula obconica, best large flowering strain. Strong, 2½-in. pot plants, $3.00 per 100; $25.00 per 1000. Cash with order. 500 at 1000 rate.
Frank Oechslin, 4911 W. Quincy St., Chicago.

P. obconica grandiflora, alba, rosea, lilac, hybrida, rubra, compacta, Forbesi, 2c; sanguinea, carmine, gigantea, 2½c. All 2-in. pots. Cash.
Byer Bros., Chambersburg, Pa.

Primula obconica, strong plants. Gigantea, rosea and kermesina; grandiflora, rosea, permesina and alba, 2-in., 2½c; 3-in., 6c. Kewensis, 2-in., 2½c. Cossairt & Sons, Shelbyville, Ind.

Primula obconica gigantea, mixed colors. Strong 4-in., $7.00 per 100; 50 extra heavy 6-in., 25c each. H. B. Snow, Camden, N. Y.

Primulas, Chinese and obconica, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Primroses, obconica, 2¼-in., $2.00 per 100; 3-in., $3.00 per 100; 4-in., $6.00 per 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

Chinese primulas, 4-in., in bloom, extra fine, $8.00 per 100. Cash.
Haentze Co., Fond du Lac, Wis.

Primroses. See my display adv. before you buy.
J. W. Miller, Shiremanstown, Pa.

Primula obconica, 4-in., 10c; 5-in., 20c.
Mosbæk Greenhouse Co., Onarga, Ill.

PRIVET.

CALIFORNIA PRIVET.

2-yr., 12 to 18 in., 5 to 8 branches	$10.00	1000
2-yr., 18 to 24 in., 5 to 8 branches	12.50	1000
2-yr., 2 to 3 ft.	15.00	1000
2-yr., 3 to 4 ft.	20.00	1000
1-yr., 2 to 3 ft., 3 to 5 branches	12.00	1000

TRUE EVERGREEN AMOOR RIVER.

18 to 24 in., well branched	$17.50	1000
2 to 3 ft.	25.00	1000
3 to 4 ft.	30.00	1000

SOUTHSIDE NURSERIES. CHESTER, VA.

200,000 2-yr. Cal. privet, all sizes, $1.50 per 100 and up. Large stock Ampelopsis Veitchii, Clematis paniculata, hydrangeas, etc. Get my list.
Benj. Connell, Florist, Merchantville, N. J.

CALIFORNIA—Any quantity, size, age. Not any better grown. Write for prices on it. Fruit and ornamental trees, shrubbery, etc.
Franklin Davis Nursery Co., Baltimore, Md.

California privet. A splendid lot of fine well graded 2-yr. stock. For particulars see our display adv. Chas. Black, Highstown, N. J.

Privet, strong 1-yr.-old plants.
H. P. Neun, 941 South Ave., Rochester, N. Y.

RHODODENDRONS.

RHODODENDRONS.

Not in bloom, but in fine shape for Christmas forcing.
Christmas Cheer.....75c, $1.00, $1.25 each
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of the Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

ROOTED CUTTINGS.

ROOTED CUTTINGS.

Ivy geraniums, a collection of up-to-date sorts, $1.50 per 100. Tradescantia discolor, strong cuttings, 75c per 100. Coleus, a fine collection of the best sellers, including Verschaffeltii and Golden Bedder, 75c per 100; $6.00 per 1000. German ivy, 60c per 100. Cupheas (cigar plant), 70c per 100. Alyssum, double giant, 70c per 100. Heliotrope, blue, 75c per 100.
John Irvine & Sons, Bay City, Mich.

Let me root cuttings for you. Send for list at rock bottom prices and you will get cuttings with roots on them. Many ready Dec. 15.
R. E. Rathbun, Sioux City, Iowa.

Paris daisy, giant yellow and giant white, Gem feverfew, heliotropes, genistas, abutilons, fuchsias, 6 kinds, $1.00 per 100. Cupheas, 75c per 100. Ageratum, 4 kinds, 60c per 100. Alternantheras, 4 kinds, 50c per 100. Moonvines, $1.50 per 100. Rose geraniums, $1.25 per 100. Cash with order.
Byer Bros., Chambersburg, Pa.

ROSES.

ROSES—Send for complete list.
American Pillar, 3-yr. $35.00 100
American Pillar, 2-yr. 25.00 100
Dorothy Perkins 12.00 100
Lady Gay, 4 to 5 ft..... 16.00 100
Conard & Jones Co., West Grove, Pa.

Roses, 2-yr., own roots, field-grown. Dorothy Perkins, Baltimore Belle, Pink and White Ramblers, 5c; Yellow Ramblers, 7c; Queen of Prairie, etc., 6c; Crimson Rambler, Baby Rambler and H. P. roses, 8c and 10c.
Gilbert Costich, Rochester, N. Y.

ROSES.
Bride, 3½-in. .....$6.00 per 100
Killarney, 3½-in. .....10.00 per 100
Cash with order.
Rosemont Gardens, Montgomery, Ala.

Roses for forcing. See our display adv.
Jackson & Perkins Co., Newark, New York.

Kaiserin bench plants $5.00 per 100; $40.00 per 1000. Holton & Hunkel Co., Milwaukee, Wis.

225 best varieties—old, new, tried, true. Leedle Co., Expert Rose Growers, Springfield, O.

ROSEMARY.

Rosemary R. C., $1.50 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

RUBBERS.

FICUS ELASTICA.
6-in. pots .....each, 50c; doz., $6.00
FICUS REPENS (vine).
2½-in. pots .....each, $0.50
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

"FULL OF LIFE" STRONG, HEALTHY STOCK

	Select	Doz.	100
Ficus Belgica	3-in.	$2.50	$20.00
Ficus Belgica	4-in.	4.00	30.00

Cash. Prompt express shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses, Rockford, Ill.

Rubbers, fine 5-in. stock, 35c each.
Holton & Hunkel Co., Milwaukee, Wis.

SAGE.

Holt's Mammoth sage, 2½-in. pots, $3.00 per 100. Geo. H. Mellen Co., Springfield, Ohio.

SALVIAS.

SALVIA ROOTED CUTTINGS.
Bonfire .....$6.00 per 1000
Zurich ..... 6.00 per 1000
2-IN. POTS.
Bonfire .....$2.00 per 100
Zurich ..... 2.00 per 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Salvias, splendens, Bonfire, R. C. or transpl., 90c per 100, mail 10c per 100; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Salvia Bonfire. R. C., $6.00 1000. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

1000 salvias. Splendens and Bonfire, 2-in., 2.00.
Mercer Floral Co., Bowling Green, O.

SEEDS.

Seed packets and bags. Catalogue, clasp and commercial envelopes, printed or plain. "If it's a Spangler bag it's a good one." Estimates furnished.
E. J. Spangler Co., N. Howard St., Phila., Pa.

FLORIDA GROWN.
ASPARAGUS PLUMOSUS NANUS SEED FROM NEXT CROP.
Any quantities. Write for prices.
PETER MACK, ORLANDO, FLA.

Clematis paniculata, Ampelopsis Veitchii, Berberis Thunbergii and 20 other varieties of fresh seed. List of seeds and plants free.
Benjamin Connell, Florist, Merchantville, N. J.

Asparagus plumosus seed, $2.50 1000; A. Sprengeri, 75c 1000. All from my own plants.
C. H. Gardiner, South Pasadena, Calif.

My catalogue of native tree, shrub and plant seeds now ready. Sent to anyone on application. L. E. Williams, Exeter, N. H.

Aster seed. All the best varieties.
Nat'l Cooperative Show Gardens, Spencer, Ind.

SMILAX.

SMILAX.
500 smilax, 3-in. pots, strong, sturdy plants, twice cut back, $2.00 per 100.
Maurice J. Brinton, Christiana, Pa.

Smilax, fine plants, cut back, 2¼-in., $2.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Smilax, fine plants, cut back several times, bushy, out of 2½-in., $1.50 per 100; $12.50 per 1000. J. C. Schmidt, Bristol, Pa.

Smilax. 900 strong 2¼-in. at $2.00 per 100 or the lot $16.00. Cash.
Tong & Weeks Floral Co., Ashtabula, O.

Strong 3-in. smilax, to close out, $2.50 per 100.
L. A. Spoden, Erie, Pa.

Smilax, well established, 2-in. pots, $1.50 100.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Smilax, 3-in. pots, $2.00 per 100. Cash.
Riverside Floral Co., Muncie, Ind.

Smilax. Good, strong, bushy 2-in. plants, $2.00 per 100. Addems, Morgan & Co., Paxton, Ill.

SNAPDRAGONS.

Snapdragon, florists' giant white, pink, yellow, orange, red, bronze. Strong R. C., $1.00 per 100, $9.00 per 1000; mail 10c per 100; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Snapdragons, best for cutting, white, pink, yellow and red, 2-in., $2.00 per 100.
John Irvine & Sons, Bay City, Mich.

Snapdragons, giant white, red, pink and yellow, 2-in., $2.00; $18.00 per 1000. Cash.
Byer Bros., Chambersburg, Pa.

Snapdragons, large flowering, 3-in. stock, $4.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Snapdragons, giant flowering, white, pink, red and yellow. Fine 2½-in. plants, $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

Snapdragons, frame grown. Firefly, white, yellow, 2-in., 2c. J. L. Schiller, Toledo, Ohio.

SOLANUMS.

SOLANUM ACULEATISSIMUM.
6-in. pots, strong plants, each, 50c; doz., $5.00
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

STOCKS.

Stocks. Winter flowering Nice, Almond Blossom, flesh color, light blue, white; frame-grown, 2-in., 2½c. J. L. Schiller, Toledo, Ohio.

Stocks. For prices see display adv. Nov. 30.
John Irvine & Sons, Bay City, Mich.

SWAINSONAS.

Swainsona alba R. C., $1.00 per 100; 2½-in., 3c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Swainsona alba, 3-in., $5.00 per 100; $45.00 per 1000. Hammond Co., Inc., Richmond, Va.

SWEET PEAS.

Winter flowering sweet peas. Now is the time to plant them. Order quick. WHITE—Denzer, Mont Blanc. PINK—Christmas Pink, Earliest of All, Mrs. Dolansky, Mrs. Wm. Sim, Mrs. Wild. LAVENDER—Wallace. Well established in 2½-in. pots.
W. H. Sawvel Floral Co., Kansas City, Mo.

Sweet peas. Florence Denzer, Watchung, Mrs. F. J. Dolansky, Pink Watchung, Mrs. C. H. Totty, Miss Josey Reilly, Greenbrook, Mrs. Alex. Wallace, winter-flowering; several plants to the pot, $3.00 per 100 pots. Cash, please.
R. E. Wadsworth & Co., Northboro, Mass.

Sweet peas, Christmas Pink, Mrs. C. H. Totty, Mrs. F. Dolansky, Snowdrift, 4-in., 3 to 5 to the pot, $5.00 per 100 pots.
Baur Floral Co., Erie, Pa.

Sweet peas. For prices see display adv. Nov. 30.
John Irvine & Sons, Bay City, Mich.

SWEET WILLIAMS.

Sweet williams, mixed colors, 35c per 100; $2.50 per 1000. J. C. Schmidt, Bristol, Pa.

TRADESCANTIAS.

TRADESCANTIA VARIGATA.
(Wandering Jew.)
2-in. pots.....doz, 40c; per 100, $3.00
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

TRADESCANTIAS. 10,000 Wandering Jew R. C., tricolor and green, 60c per 100, $5.00 per 1000; 2½-in., 2c. Cash. Mailing, 10c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

250 Wandering Jew, 3c; lot, $5.00. Cash.
C. W. HARROLD, Decatur, Ill.

TULIPS.

Tulips, single. Superfine mixture, 70c per 100; $6.00 per 1000. Named, colors—red, white, rose and yellow, 80c per 100; $7.00 per 1000. Darwin, special mixture, 90c per 100; $8.00 per 1000. Gesneriana, Marcrophila (scarlet), 80c per 100; $7.50 per 1000.
Storrs & Harrison Co., Painesville, O.

UMBRELLA PLANTS.

CYPERUS ALTERNIFOLIUS.
4-in. .....$1.25 doz.; $8.00 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Umbrella plants. For prices see display adv. Nov. 30. John Irvine & Sons, Bay City, Mich.

Umbrella plants, 3-in., $1.00 per doz. Cash, please. John Bauscher, Jr., Freeport, Ill.

VEGETABLE PLANTS.

Grand Rapids lettuce plants, extra well rooted plants. Seedlings, $1.00 per 1000; transplanted, $1.75 per 1000. Will ship same day we receive the order.
City Greenhouse Co., Inc., Findlay, O.

Grand Rapids lettuce plants, stocky, $1.00 per 1000; 10,000 for $7.50. Double Curled parsley, fine field plants, $1.50 per 1000.
J. C. Schmidt, Bristol, Pa.

Lorillard and Comet tomato seedlings, $2.00 1000. Cash.
Riverview Greenhouses, Lewisburg, Pa.

RHUBARB. Extra large clumps for forcing, 20c each.
Sluis Seed Store, 544 W. 63rd St., Chicago.

100,000 Grand Rapids lettuce plants, $1.00 per 1000; transplanted plants, fine, $2.00 per 1000.
Sourdry Bros., Girard Kan.

Parsley Double Curled, 30c per 100; $1.25 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Lettuce plants, $1.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Comet and Lorillard forcing tomatoes, 2½-in., $2.00 100. Roney Bros., West Grove, Pa.

VERBENAS.

Lemon verbena rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

Lemon verbena rooted cuttings, $1.00 per 100, prepaid. G. E. Fink, Kenilworth, N. J.

Lemon verbena R. C., $1.50 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

VINCAS.

Vincas, variegated and green. We have benched a fine lot of field rooted layers, from which we will select the very strongest, at $1.00 per 100; $10.00 per 1000. Cash. These are giving excellent satisfaction everywhere they go.
W. J. Engle, R. D. 8, Dayton, O.

VINCAS.
4-in. pots.....per doz., $2.00; per 100, $15.00
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

18,000 Vinca variegata. Strong potted plants, 6-in., $6.00 per 100; 3-in., $5.00 per 100; 2-in., $2.00 per 100; $18.00 per 1000—extra strong 2-in. Cash. Wingert & Ulery, Springfield, O.

Vinca variegata. Strong R. C., $1.00 per 100, $9.00 per 1000; 2¼-in., 2c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Vinca variegata, extra large field-grown plants, $3.50 per 100; worth $5.00.
Jas. A. Franks, Grand Haven, Mich.

Vinca variegata. Extra strong field-grown plants, $4.00 per 100. Cash.
H. P. Smith, Piqua, O.

Vinca variegata. Strong field clumps, $5.00 per 100; good medium size, $4.00. Cash with order.
M. M. Lathrop, Cortland, N. Y.

15,000 extra strong field-grown variegated vincas at $5.00 per 100.
Fifth Ave. Floral Co., Columbus, Ohio.

Vinca variegata, fine large field-grown clumps, $5.00 per 100.
Stuhldreher Bros., Mansfield, Ohio.

Vincas. Fine, heavy 4-in., $7.00 per 100; well rooted tips, $10.00 per 1000.
W. L. Edwards, Norwood Sta., Pa.

Vinca variegata R. C., $1.00 100 prepaid.
Chas. Frost, Kenilworth, N. J.

Vinca variegata. Strong field-grown plants, $4.00 per 100. Vern L. Schluraff, Erie, Pa.

VIOLETS.

Marie Louise violet blooms now ready, A No. 1 quality. For month of November, $1.00 per 100; $7.50 per 1000. Cash with order, please.
C. Lawritzen, Box 261, Rhinebeck, N. Y.

WALLFLOWERS.

Wallflowers, fine plants, 35c per 100; $2.50 per 1000. J. C. Schmidt, Bristol, Pa.

WANTED.

Wanted—A few thousand tulips, Cottage and Darwin, at clearing price. Shasta daisies for sale, strong and clean, $2.00 100.
C. Adams, 1200 Union, Memphis, Tenn.

MISCELLANEOUS.

Chrysanthemum stock plants, 35c per doz.; $2.00 per 100. Orders booked for chrysanthemum rooted cuttings, $1.00 per 100. Ageratums, sweet alyssum (double giant), coleus, cuphea, marguerite daisies (white), heliotropes, German ivy, salvias, snapdragons, stevias, 50c per 100. Fuchsias, assorted vars., $1.00 per 100. Carnation rooted cuttings, $1.75 per 100. Dracaenas, strong 4-in., $10.00 per 100.
Martin Keit, Sta. A., Bay City, Mich.

LOOK under headings of primulas, chrysanthemums and asparagus and note what we are offering. Freeport Floral Co., Freeport, Ill.

TO EXCHANGE.

To Exchange—Chrysanthemum stock plants, Yellow Bonnaffon, Jeanne Nonin, $3.00 per 100, for rooted geranium cuttings or unrooted carnations, must be true to name; also 1 No. 6 Rider engine, will pump 1,000 gal. of water per hour, $75.00 and 1 No. 5 Weathered boiler, rated at 1,000 ft., $60.00; 4-in. pipe; all in good condition.
Alex A. Laub, Newburgh, N. Y.

To Exchange—Clean stock plants of Bonnaffon, Ivory, Eaton, Appleton, Maud Dean for field-grown clumps of dahlias.
Deerfield Nursery, Deerfield, Ill.

To Exchange—Field-grown carnations; these plants are very fine, we have them heeled in a cold frame to keep them from frost. Sangamo, Victoria, May Day, Lawson-Enchantress, Winsor, $4.00 per 100, $35.00 per 1000, for any kind of potted plants.
H. P. Kleinhaus, 66 Center Sq., Easton, Pa.

To Exchange—One Globe valve, 3-in., 1 Honeywell generator, No. 2, good as new, and several hundred carnation supports, 3-leg extension. Will sell at reasonable price or take any stock that I can use.
W. P. Ranson, Junction City, Kan.

To Exchange—Boston ferns, 2½, 4, 5 and 6-in., good, thrifty plants for geranium cuttings, primroses or cyclamen.
Hofmann Floral Co., Jacksonville, Ill.

To Exchange—Chrysanthemum stock plants and 4-in. dracaenas for peonies, gladiolus or alternantheras.
Martin Kelt, Sta. A., Bay City, Mich.

To Exchange—100 Mrs. Wm. Duckham stock plants for rooted cuttings of coleus and Mme. Salleroi. R. K. Stokesberry, Leetonia, O.

To Exchange—Strong 2½-in. smilax for chrysanthemum rooted cuttings or stock plants.
Marine City Floral House, Marine City, Mich.

To Exchange—Asparagus Sprengeri, 2½-inch, $3.00 per 100, for primula or cyclamen plants.
Weber Bros., Ironton, Ohio.

CARNATION STAPLES.

Pillsbury's carnation staples, 50c per 1000. Postpaid. I. L. Pillsbury, Galesburg, Ill.

CUT FLOWER BOXES.

Folding cut flower and corrugated design boxes. See our display adv. Write for price list. The Sefton Mfg. Co., 1333 W. 35th St., Chicago.

All sizes of cut flower and floral design boxes. Write for our box catalogues.
C. C. Pollworth Co., Milwaukee, Wis.

Buyers of corrugated shipping boxes, send for catalogue just issued. See display adv.
Hinde & Dauch Paper Co., Sandusky, O.

Folding cut flower boxes, the best made. Write for list. Holton & Hunkel Co., Milwaukee, Wis.

DECORATIVE MATERIAL.

Write for our special price on a special lot of dagger ferns.
Try our laurel festooning for your decorations, only 5c per yd.; 10 yds. free with first order.
Crowl Fern Co., Millington, Mass.

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Late picked stock. Write for price.
A. HENDERSON & CO.,
30 E. Randolph St., Chicago.

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CYACEINE FLOWER COLORING, yellow, orange, pink, blue, green, American Beauty, 20c per qt. by mail.
C. R. Cranston, 146 Orchard St., Auburn, R. I.

GOLD FISH.

GOLD FISH.
We are now shipping
Extra fancy crop.
FANCY LONG TAILS
FANTAILS
TELESCOPES
If you have not our price list
A post card will bring it.
GLEN MARY FISH FARM,
Chas. Pommert, Prop., Amelia, O.

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Standard Flower Pots. If your greenhouses are within 50 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts. N. E., Washington, D. C.

We make Standard Flower Pots, etc.
Write us when in need.
Wilmer Cope & Bro.
Lincoln University, Chester Co., Pa.

"NUF SED." Best red pots are made by
Geo. E. Feustel, Fairport, Iowa.

RAFFIA.

Raffia. Red Star and 3 other grades. Bale lots or less. Colored raffia, 20 colors. Write for prices.
McHutchison & Co., 17 Murray St., New York.

Raffia (colored), 20 beautiful shades. Samples free. R. H. Comey Co., Camden, N. J.
Or 2440-2454 Washburne Ave., Chicago.

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SPHAGNUM MOSS. Single 10 bbl. bales, $4.00; in lots of 5 bales, $3.75 each.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Sphagnum moss. Wired bales, $1.50 each. Immediate shipment.
A. Henderson & Co., 30 E. Randolph St., Chicago.

Sphagnum moss, clean stock; 12 bbl. bale, $2.50. Green moss, in bbls., $1.00 per bbl.
James Day, Milford, New Hampshire.

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Spray with lead arsenate both sides of foliage. Ask for K's Sprayer. J. Kopcsay, So. Bend, Ind.

TOBACCO.

Fresh tobacco stems, in bales, 200 lbs., $1.50; 500 lbs., $3.50; 1000 lbs., $6.50; ton, $12.00.
Scharff Bros., Van Wert, Ohio.

A. Dietsch Company

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Greenhouse Material
Hotbed Sash

For a tight, enduring and sweatless gutter at a moderate price, use our CEDAR GUTTER.

Cattle Manure in Bags
Shredded or Pulverized



Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unequaled for all field use. Write for circulars and prices.

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33 Union Stock Yards CHICAGO
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Nature's Best Fertilizer is Sheep Manure

Sheep's Head Brand furnishes the valuable organic matter and humus necessary to grow crops. It improves the mechanical conditions of the soil.

Makes compact clay more open and porous, makes light, sandy soils more retentive of moisture, keeps soluble plant foods within reach of rootlets of growing vegetation.

Farmers, orchardists, florists, truck and market gardeners should send for our book "Fertile Facts" to learn how properly and most effectively to fertilize the soil.



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Fresh tobacco stems, 65c per 100; $12.00 per ton. F. O. B. N. D. Mills, Middletown, N. Y.

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Florists' wire designs and hanging baskets.
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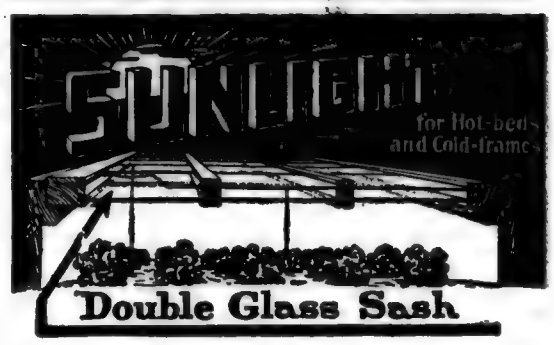
William E. Hielscher's Wire Works,
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Holly wreaths a specialty; in large and small quantities for the holiday decorations. Write for prices. H. E. Conwell, Milton, Del.



Get the big prices on the early market

The two layers of glass let your plants have all the light all the time

This causes them to mature earlier—become hardier—sturdier. When the plants grown under single glass sash (that must be covered) are still small and weak, your plants under Sunlight Sash will be ready for the field. The resulting crops will get the big prices.



Start now for early Spring Plants

Get some Sunlight Sash and have your cabbage, cauliflower, tomato or other plants, etc., ready to set out as soon as the weather permits.

Send for these books. One is our free catalog; the other is a book on hot-beds and cold-frames by Professor Massey. It is authoritative and of vital interest to all growers, florists and gardeners. 4c in stamps will bring Professor Massey's book in addition to the catalog.



Sunlight Double Glass Sash Co.
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Matamoras, Pa.—Colonel Quick has two houses planted with carnations that are unusually interesting to members of the craft who visit here, on account of the fact that there is no top ventilation, all the air considered necessary being conveyed through the open doors. How this plan will succeed during the severe weather is what puzzles the boys, but the Colonel, who has been in the business many years with success, says it can be done. The result is awaited with interest.

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24 sheets.....$ 0.75
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Pint .....$ 1.50
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Gallon 10.50
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Aphine

The Insecticide that kills plant Lice of every species

Destroys green, black, white fly, thrips, red spider, mealy bug, scale and all plant sucking insects. An excellent cleanser for decorative stock.

$2 50 per gallon—$1.00 per quart.
U. S. and Canada.

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Has no equal for destroying mildew, rust and other plant fungi.

Fungine will cure bench rot, and is proving an excellent remedy for the protection of cuttings and young stock against the various blights.

$2.00 per gallon—75c per quart.
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FOR SALE BY SEEDSMEN

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ONE PERSON
can set in flats
5000 Seedlings
per day
when using my
"Assistant for Transplanting"

It accomplishes more and better work than any other method, and lasts a lifetime. Any child can use it.

PRICE $1.00

Invented and Manufactured only by

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Green Flies and Black ones too

are easy to kill with
The Fumigating Kind Tobacco Powder
$3.00 per bag 100 lbs.

Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?

THE H. A. STOOTHOFF CO., MOUNT VERNON, N. Y.

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The most effective and economical material there is for Spraying Plants and Blooms. Skillfully extracted from leaf Tobacco and carefully refined, it is clean and easy to apply. Does the work when vaporized, either in pans, on pipes or over flame. Full pint bottles, $1.50.

Specially prepared for fumigating closed houses. It vaporizes the Nicotine evenly and without waste. Nothing keeps a house free from Aphis so cheaply. ALL SEEDSMEN.

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We will prove it

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ACME NICOTINE INSECTICIDES

Sold Direct to the Grower.

Acme 30 Per Cent Nicotine Liquid,
Pint $1.10— Gallon $8.00

Acme 45 Per Cent Nicotine Liquid,
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Acme Nicotine Fumigating Paper,
Each sheet 17½ inches long.
Packed in air tight cans.
24 Sheets 60 Cents. 288 Sheets $5.50.
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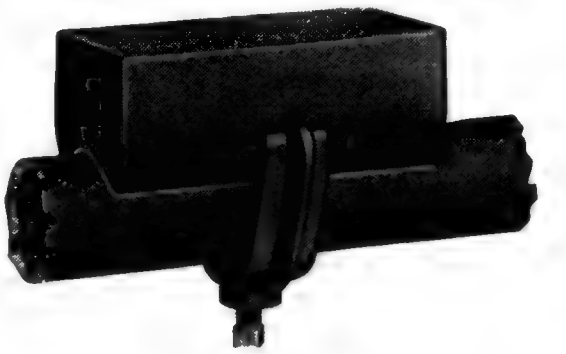
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You can Kill the Bugs by using the

BATE EVAPORATOR

It consists of a bottomless pan fastened to the upper side of the heating pipe, so the heating pipe is left exposed and forms the bottom of the pan. The pan is held in place by a yoke, or clamp, that goes around the under side of the heating pipe, the clamp being provided with a setscrew which pulls the pan down firmly on to the pipe.

Any of the popular brands of nicotine liquid insecticides can be used. It will take three pans to one house 25x100, or one pan to 6000 to 8000 cubic feet of air space. One ounce of the insecticide to a pan.

Easy to install. Easy to use. Saves its cost in economy of nicotine. Try one house and be convinced.

Single Pan.....$0.60
Per dozen..... 6.60
In Larger Quantities, per pan.. .50

The following sizes we carry in stock: 1-inch, 1¼-inch, 1½-inch, 2-inch. Larger sizes made to order.

Cleveland Cut Flower Co.
227 High Ave., CLEVELAND, OHIO

"FRIEDMAN'S BEST" TOBACCO POWDER

For fumigating and sprinkling combined 3 cents per lb. in 100 lb. sacks, $50.00 per ton.

TOBACCO STEMS, 50 cents per 100 lbs.
TOBACCO DUST, for sprinkling, 1 cent per lb.

J. J. Friedman, 285-289 Metropolitan Ave. **Brooklyn, N. Y.**

SMITH, LINEAWEAVER & CO.
COAL
Anthracite, Bituminous, Coke and Gas Coal
West End Trust Building. Philadelphia

Greenhouse Heating.

THE EASTERN FUEL MARKET.

Conditions in the anthracite trade have not changed to any appreciable extent since our last report, excepting that the demand for all sizes of anthracite coal has increased and the prices for steam sizes have advanced, which condition is likely to prevail from now on.

The opinion throughout the anthracite coal region is that there will be labor trouble April 1, and it seems to us that it is advisable for every consumer of coal to provide himself with a reasonable amount of stock.

As to the bituminous coal market, conditions have improved considerably during the last month, the demand being better and prices higher. This applies to all grades. This condition, in our judgment, is a natural one at this time of the year, but is also affected by the prospect of labor trouble in the bituminous coal fields April 1 next.

Smith, Lineaweaver & Co.

STEAM FROM ENGINE BOILER.

I have a forty horse-power boiler, now used for steam and attached to an engine. Can I disconnect it from the engine and connect the whistle pipe to the steam pipe to give me more steam? The steam pipe is 2½-inch. How many returns would this require, or can I run steam the same as hot water? The highest point in the greenhouse is about six feet higher than the top of the boiler. Is there some way of doing what I propose, or will it be necessary to change the heating system to hot water? The house is 20x150 feet. I am located in northwestern Oregon.

J. H. N.

With a boiler of the size mentioned, it would probably be possible to get more steam from it by using an opening larger than two and one-half inches in diameter, and if the whistle pipe is as large as one and one-fourth inches it would be of some assistance if the two could be connected. However, it would give about the same results if the steam pipe were enlarged to three inches close to the boiler. This should also be done if the whistle pipe is connected. In case, however, there is only one house, 20x150 feet, to be heated, a 2½-inch steam pipe will be amply large; in fact, a 2-inch flow would answer for most parts of Oregon, unless more than 50 degrees is desired.

For 60 degrees in zero weather, run a 2½-inch flow two feet under the ridge, with a slight fall, and at the farther end of the house connect it with eight 1¼-inch returns. These can be on the walls, or from two to four could be under the benches. If the boiler is so high that the lower part of the returns will not be two feet above the water level, a steam trap or pump should be put in, to return the



HOW MUCH

does the temperature vary in your greenhouses during the night, or when you are absent? What's that—you don't know? Buy a

STANDARD
RECORDING
THERMOMETER

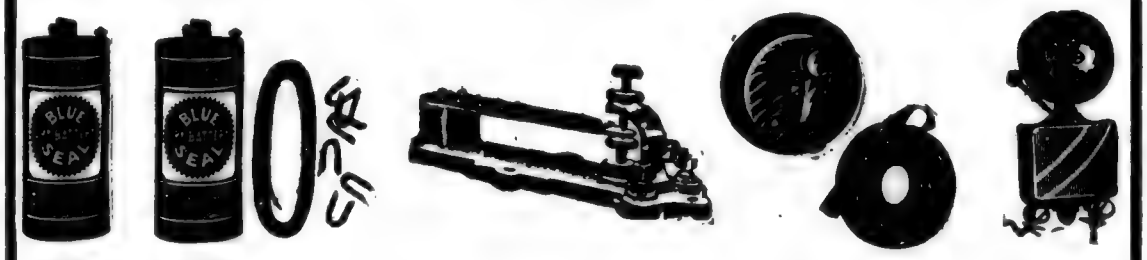
and find out. It has saved hundreds of dollars for many florists and may do as much for you. Your plants and stock require certain steady temperatures. Use this thermometer and you will know whether they are getting what they need. It leaves a written record under lock and key.

Send for Circulars

Standard Thermometer Co.,
(Successors to Parker Mfg. Co.)
65 Shirley St., BOSTON, MASS.

Mention The Review when you write.

Adjustable Thermostat
OUTFIT $2.50 COMPLETE



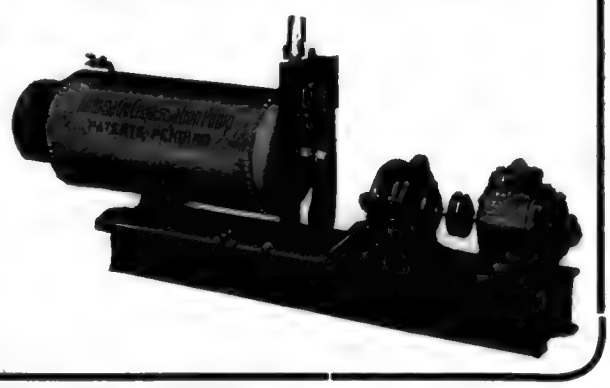
Anybody can put it up. Simply set it at the danger point. When that temperature is reached, it will ring the bell at the head of your bed or wherever desired. Outfit consists of 2 dry batteries, 150 ft. insulated wire, staples, thermostat, switch, tape, alarm bell, blue print and directions. Requires no attention. Order now. Circular free.

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COAL! BETTER TO SAVE COAL THAN BUY IT CHEAP

Our Automatic Electric Condensation Pump
SAVES 20% TO 50% COAL.
Draws Water and Air out of the Heating System.
Returns Condensation Water to Boilers.
Makes Heating Uniform
SAVES LABOR
Write for particulars.



CHICAGO PUMP CO.
1059 Fulton Street, CHICAGO, ILL.

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Pipe Fittings -- Imico Boilers
FOR GREENHOUSE WORK
ILLINOIS MALLEABLE IRON CO.
1801-1825 DIVERSEY BOULEVARD—CHICAGO

What's This?



IT'S THE NEW PERFECTION FLUE CLEANER

and we want to send it to you for **30 days' FREE trial.**

The Perfection will clean welded flues as well as old ones; remove scale from tubes without cutting metal; clean hot or cold flues without changing temper; can be operated by flexible handle.

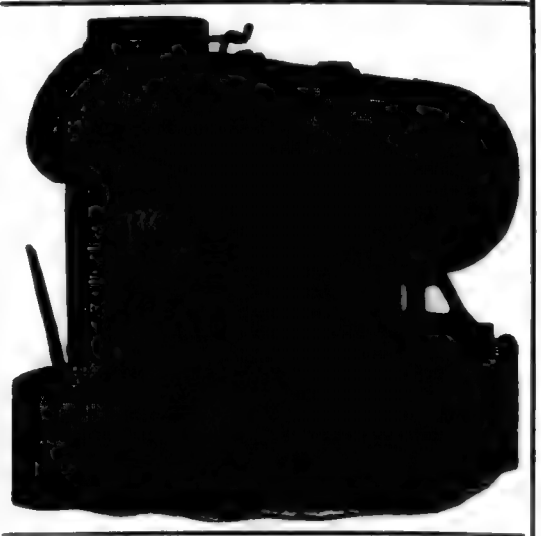
The knives are always sharp.
Heads are drop steel forgings.
Hundreds now in use by florists.

Scully Steel & Iron Co.

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IMPROVED RETURN TUBULAR FIREBOX BOILER



Johnston Heating Co.

131 E. 26th St., New York City

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RIPPLEY 200 HEATER



Capacity: Will heat 600 feet 1¼-inch pipe.

Price, Freight Paid, $36.50

Other heaters from $20.00 up.

Catalogue Free

RIPPLEY MFG. CO.

Box F, GRAFTON, ILL.

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SMOOTH-ON

IRON CEMENT No. 1

permanently repairs cracks in greenhouse boilers, pipes, radiators, tanks, etc.

Be sure and send for a FREE No. 10 illustrated instruction book. It tells all about the different **Smooth-On Iron Cements,** shows how to use them and we think it will save you money. Every florist should have a copy.



SMOOTH-ON MFG. CO.

572 Communipaw Ave., JERSEY CITY, N. J.

CHICAGO: 231 N. Jefferson Street.

SAN FRANCISCO: 94 Market Street.

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The Users Of The.... ## Hughson Regulating Valve

are all satisfied with the results it has given, and many duplicate orders is the proof. **This Valve will maintain a steady pressure** on the low side, no matter how the initial pressure fluctuates. By carrying 40 or 50 pounds pressure on the boiler and setting the valve to carry 5 or 10 pounds on the line, you always have a reserve to fall back on in case of a sudden drop in temperature. **Our new catalogue is just out** and if you contemplate making any changes you had better get one—it is yours for the asking.

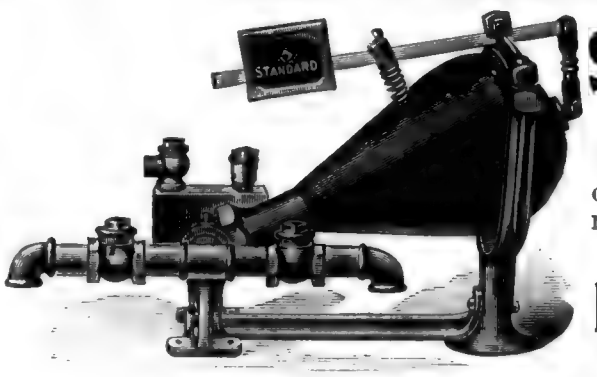
We Also Make Traps and Other Devices.

HUGHSON STEAM SPECIALTY CO.

5021-5023 S. State Street, CHICAGO

Successors to the John Davis Company

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STANDARD

STEAM TRAPS

The simplest, most durable and up-to-date steam trap on the market. Ask the man who owns one.

Catalogue sent on request

E. Hippard Co.

YOUNGSTOWN, OHIO

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Geo. B. Limbert & Co.

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For Prices on

Genuine Wrought Iron Pipe

Ask For Catalogue.

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WILKS Hot Water Boilers

—Are—

The Most Economical Boilers for Greenhouses

No night fireman required with our Self-feeding Hot Water Boilers.

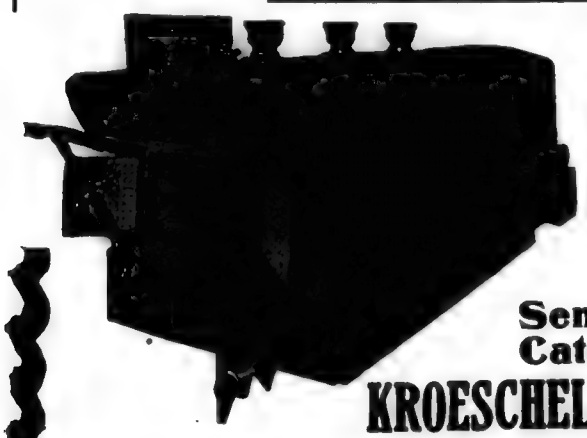
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S. WILKS MFG. CO.

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KROESCHELL BOILER FACTS



Kroeschell Boiler Saves 35 Tons Coal

"I bought a No. 7 boiler in 1901. It takes care of 10,500 sq. feet of glass and could take care of 5,000 more. Must state that I am in business for 25 years and have attended to many boilers, but I must say for your boiler that it has given better satisfaction than any other, being easier to fire up, and it is easier to keep the temperature with your boiler in our houses than it is with any other.

"I used 35 tons of coal less than I did with the boilers I had before. I can keep the temperature to 75 to 80 degrees during the severest weather, if it is necessary to do so."

PETER SROCZYNSKI, Chicago, Ill.

Send for New Catalogue

KROESCHELL BROS. CO., 444 W. Erie Street, CHICAGO, ILL.

water to the boiler. If hot water is to be used for heating the house, three 2½-inch flow pipes and ten 2-inch returns will be needed for 60 degrees, or six returns for 50 degrees, in zero weather.

DETROIT.

The Market.

The last week was good for everybody and Thanksgiving business was excellent, cleaning up all the mums, roses, carnations and other good stock. The Monday and Tuesday preceding Thanksgiving found a large supply of chrysanthemums coming into the market, so that the wholesalers were thinking that they were to be flooded, but the market took a turn, as it always does for this holiday, and at the last minute it was a hard tussle to get enough good stock to fill all the orders. Large mums were scarce Thanksgiving eve. Roses sold well and there was a shortage of the pink and red, so that a good many orders for these colors had to be canceled. Violets sold well and there was no surplus. Pompon mums sold out nicely, but at medium prices. The new pompon, Helen H. Newberry, was in good demand. The wholesaler handling this stock reports sending out over 600 bunches of it. This pompon is still coming into the market and the report from the growers is that it can be held as late as Christmas. Of valley there was just enough to meet all demands. Carnations were fine and sold out well, the top price on these being $4 per hundred. This market is being well taken care of in this line. Paper Whites and Romans were to be had, but there was no rush to get this stock. Potted mum plants were to be had, but did not sell so well as the growers expected. Stevia is to be had and has sold well to date. Greens of all kinds are plentiful and the supply of fancy ferns and galax is equal to all demands.

Various Notes.

Thomas F. Browne has been a heavy shipper to this market, bringing in a load of from 500 to 1,000 mums every day since the season opened. He also has had some fine pompon plants, which met with ready sale.

Chas. Plumb is busy these days getting ready for Christmas and has his new packing shed about ready. He has a fine lot of poinsettias in pans.

Albert Stahelin, of Redford, has his carnations looking fine and will have a big cut for Christmas. The stock



More Heating Surface

and less water space than is contained in any other boiler. (Note the many flues set close together.) This is one reason why the users of the

"Superior Standard" Greenhouse Boilers

find them perfectly satisfactory. We frequently receive re-orders from florists who have tested these boilers thoroughly and found them even "Superior" to our claims.

Why not ask for full particulars today? A postal to us will bring a prompt reply.

SUPERIOR MACHINE & BOILER WORKS

Superior and Green Sts., CHICAGO, ILL.

Mention The Review when you write.

DO YOU KNOW ABOUT THE

Martin Rocking Grate

IT SAVES COAL

MARTIN GRATE CO., 343 S. Dearborn St. CHICAGO.

50% SAVED

Pipes, Flues

and casing thoroughly overhauled and guaranteed. Greenhouse fittings of every description.

ILLINOIS PIPE & MFG. CO.

2115 S. Jefferson Street, CHICAGO

We have genuine wrought iron pipe and "P" quality valves and fittings.

WHETSTONE & CO.

911 Filbert Street, PHILADELPHIA, PA.

HIGH-GRADE BOILERS

Get Our Catalogue **For GREENHOUSES**

STEAM and HOT WATER

GIBLIN & CO., 109 Broad Street, UTICA, N. Y.

Mention The Review when you write.

200%

Our sales to Florists for 1910 were 200% increase over 1909 and every customer satisfied.

RETURN TRAP



Taylor Steam Specialty Co.

BATTLE CREEK, MICH.

Write Department F. for new catalogue.

Ford & Kendig Co.

"Spellerized" Wrought Pipe

Especially adapted for Greenhouse Work, Fittings, Valves, Tools, etc.

24th and Wood Sts. PHILADELPHIA, PA.



Where There Is Condensation

—there is need for a Morehead Steam Trap. Condensation in steam lines is akin to matter out of place—means wasted energy.

If your lines are sluggish—if your houses are not of uniform temperature, write us. We guarantee to drain your lines perfectly—return the pure, hot condensation to your boiler without pump or injector or make no charge for the trial. Obey that impulse—write now.

Morehead Manufacturing Company

Dept. "M," DETROIT, MICHIGAN

——Stocks Carried in——

New York, Chicago, Wichita, Kan., New Orleans, La., Philadelphia, Birmingham, Ala., Memphis, Tenn., Los Angeles, Chatham, Ontario, San Francisco

Mention The Review when you write.

THURTELL-FIELD-ENGLISH CO.
22 Quincy St., Chicago, Ill.
BUILD
Return Steam Traps for Florists
All are absolutely positive in their work.
Selling Agents:
Norman English, 285 Michigan Ave., Detroit, Mich.
J. C. Corbin, 1112 American Bank Bldg., Seattle.
Griscom-Spencer Co., 90 West St., New York.
Mention The Review when you write.

coming from the movable houses is the best he has ever grown and his idea of the movable houses has thus far proved itself a big success.

Michael Bloy, the busy man, always is well supplied with holiday goods and this year finds his stock better than ever.

Gust H. Taepke is just about through cutting mums and has had a big season. Business has been fine with him and he reports a heavy demand for everything at the store.

Fred Miesel, of Miesel Bros., has some fine cyclamen plants this year and is busy getting his stock ready for the rush.

Albert Pochelon, of the L. Bemb Floral Co., got over his big rush of Thanksgiving in fine style, but December 4 the boys at the wholesale houses thought he had some more holiday business from the way he bought up the stock.

Hufford & Maebius, 51 Gratiot avenue, have bought a new delivery car, which they will use in connection with their business. When not at this work they will haul ferns and greens for the Michigan Cut Flower Exchange.

E. A. Fetters had a beautiful display for Thanksgiving, having a full table set in the window with the finest service to be had in this city.

Carey & Fell report business good on Woodward avenue and have their store in fine shape.

Harry Rackham is busy with his new store and reports business good.

W. B. Brown reports a big business for Thanksgiving and it is a well known fact in the market that "Willie" is the boy for the big mums; he will take all he can get for this holiday.

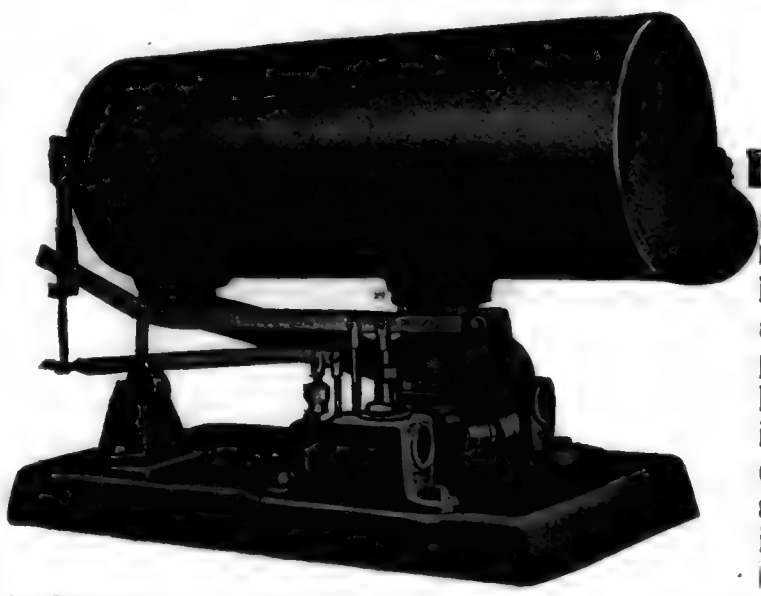
Fred Pautke reports business good at the Pointe and has been busy at the Country Club.

Theodore Damerow is about cut out of mums and is glad the season is over. August Von Boeselager's little son is convalescing after a severe attack of scarlet fever.

Walter Taepke was laid up by a severe cold during the Thanksgiving rush.

H. S.

An Innovation in Steam Trap Design and Construction



THE NEW "Detroit" RETURN TRAPS

are devoid of all unnecessary mechanism.

Every part designed, manufactured and assembled with the idea of permanence foremost.

Every tilt of the trap shows that it's working—draining every drop of condensation from the heating system and automatically returning it to the boiler—no pumps—no trouble.

Condensation is the purest kind of boiler feed water. Don't waste it. Return it directly to the boiler by "Detroit" Return Traps and prevent scale formation.

Ask us to mail you advance bulletin, No. 320-FR.

AMERICAN BLOWER COMPANY
DETROIT, MICH.
U. S. A.

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SEE THAT LEDGE.
Pat. Sept. 18, 1900
THE JENNINGS IMPROVED
IRON GUTTER.
Use Our

Patent Iron Bench Fittings and Roof Supports

VENTILATING APPARATUS
Improved Vaporizing Pans for Tobacco Extracts, Etc.
Send for Circulars.
DILLER, CASKEY & KEEN, S. W. Cor. 6th and Berks Sts. PHILADELPHIA, PA.

THE FLORISTS' HAIL ASSOCIATION
Has paid $192,000.00 for glass broken during the last 28 years. For particulars concerning Hail Insurance, address
John G. Esler, Sec'y, Saddle River N. J.

BOWLING

AT CHICAGO.

In the big City tournament now in progress two teams of florists bowled at midnight, December 1, making excellent scores, as follows:

Player.	1st	2d	3d	Total.
Lohrman	208	186	202	596
Schultz	169	163	193	525
Balluff	215	181	194	590
Friedman	177	177	138	492
Byers	148	125	137	410
Totals	917	832	864	2,613

Player.	1st	2d	3d	Total.
Foerster	174	161	164	499
Huebner	127	166	154	447
Graff	133	140	163	436
J. Zech	154	183	155	492
A. Zech	196	213	174	583
Totals	784	863	810	2,457

Sunday evening three florists' doubles rolled the following scores:

Player.	1st	2d	3d	Total.
J. Foerster	147	202	202	551
J. Huebner	162	159	181	502
Totals	309	361	383	1,053

Player.	1st	2d	3d	Total.
J. Zech	163	167	148	478
A. Zech	178	147	179	504
Totals	341	314	327	982

Player.	1st	2d	3d	Total.
J. Byers	152	162	158	472
Henricksen	152	182	151	485
Totals	304	344	309	957

At the same time five florists booked in the individuals, making the following score:

Player.	1st	2d	3d	Total.
J. Byers	174	160	136	470
C. Henricksen	165	123	209	497
J. Foerster	188	200	182	570
J. Zech	133	147	206	486
A. Zech	163	187	118	528

AT NEW YORK.

At the club's alleys, December 21, the Gardeners' Society will make merry with a banquet and bowling for prizes. Five of Thum's alleys have been engaged. The festivities begin at 3 p. m. and last until midnight. Tickets are $3 and Secretary Donlon says there will be an attendance of 150. Gardeners from every society within a radius of fifty miles have accepted invitations.

The scores Friday evening, December 1, were:

Player.	1st	2d	3d	4th
Chadwick	212	192	208	196
Kakuda	159	187	167	187
Young	149	157	124	153
Shaw	129	138	137	172
Scott	150	141	130	133
Nugent	109	113	131	126
Holt	107	124	114	127
Donlon	123	...	...	...

J. Austin Shaw.

GET OUR PRICES ON

Galvanized Wire Rose Stakes and Tying Wire

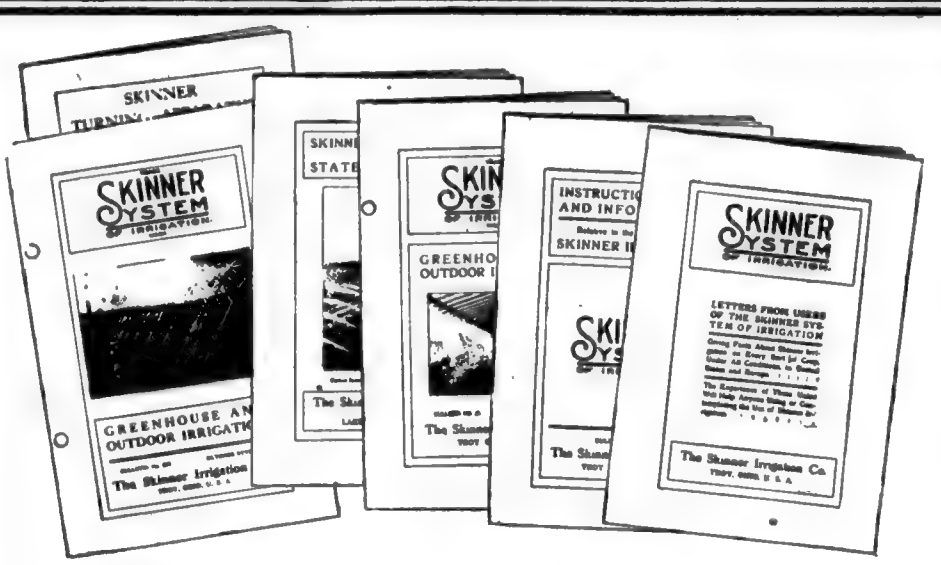
Manufacturers of the Model Plant Supports for Carnations, Dahlias, Golden Glow, Peonies, Chrysanthemums and Tomatoes.
Lawn Fence, Flower Bed Guard, Trellis.

IGOE BROTHERS

63-71 Metropolitan Avenue, BROOKLYN, N. Y.
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Send for these six books on irrigation

They contain the latest news on scientific watering for Florists and Growers.

These books also contain photographs and testimonials from users of the Skinner System of Irrigation.

This is a new invention for watering. It is an overhead system that waters like the finest rain—in a soft, gentle mist form that cannot cake the ground or bruise tender foliage.

For Gardeners

TRADE SKINNER SYSTEM OF IRRIGATION MARK

For Florists

It is operated by the Special Skinner Turning Device that permits one man to water an almost unlimited area, without moving from one spot.

In hundreds of cases the Skinner System has paid for itself in a single season through saving in wages, better plants, reduced water and hose bills.

Put your proposition up to us and let us show you where the Skinner will guarantee you maximum profits on your greenhouses or gardens. Mail the coupon to us today and get the Six Books, Free.

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The Skinner Irrigation Co.
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Gentlemen:- Please send me your Six Books on Irrigation.

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Mail the coupon today

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DON'T

LET PRICE BE the only consideration

KING GREENHOUSES

Satisfy the most discriminating, because they are strong and lasting, and easy to keep in repair. They keep you from

WORRY

and give you time to grow things and that is

WHAT A GREENHOUSE MAN WANTS

Send for Question Blanks.

King Construction Co.

Home Office and Factory,
NORTH TONAWANDA, N. Y.

Eastern Sales Office,
No. 1 Madison Gardens, NEW YORK

Mention The Review when you write.

To Tell All the Good Points of Our Construction

in this advertisement is impossible. If you are planning any rebuilding or additions, it will pay you to write us.



TRUSSED SASH BAR AND IRON FRAME HOUSES

CONCRETE BENCH MOULDS AND GREENHOUSE APPLIANCES

Always mention the Florists' Review when ordering stock.

A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

NEW YORK BELTING AND PACKING CO. LTD

91-93 CHAMBERS ST. NEW YORK

PHILADELPHIA, PA. PITTSBURGH, PA.
CHICAGO, ILL. PORTLAND, ORE. BOSTON, MASS.
ST. LOUIS, MO. SPOKANE, WASH. BUFFALO, N.Y.
INDIANAPOLIS, IND. SAN FRANCISCO, CAL.

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STANDARD VENTILATING MACHINERY

The original machine with self-oiling cups. The old reliable, the most powerful and least complicated of any on the market.

The Standard Return Steam Trap

It has no equal for simplicity or its working. Ask some one who is using a Standard for his opinion of it.

Write for catalogue.

E. HIPPARD CO., Youngstown, O.

Mention The Review when you write.



BLAKE'S LEVER CLIP

For Roses, Carnations, etc. Fasten stakes, cross wires, etc.

They never slip and are a great saving of both time and money.

PRICE - - $1.40 per 1000
5000..... at $1.25 per 1000
10,000 or more....at 1.00 per 1000
Delivered free.

SAMPLES FREE

B. S. BLAKE & SON

409 Augustine St., Rochester, N. Y.

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CALDWELL TANKS and TOWERS

are of the **Highest Quality of Construction**, producing the greatest durability, longest life and best service. Give florists at small expense same water service as in cities. Write for list of users in your vicinity, and illustrated catalogue.

W. E. CALDWELL CO., Incorporated
Louisville, Ky.

TANKS { Steel, Wood, Galvanized } TOWERS

Windmills, Pumps, Gas Engines

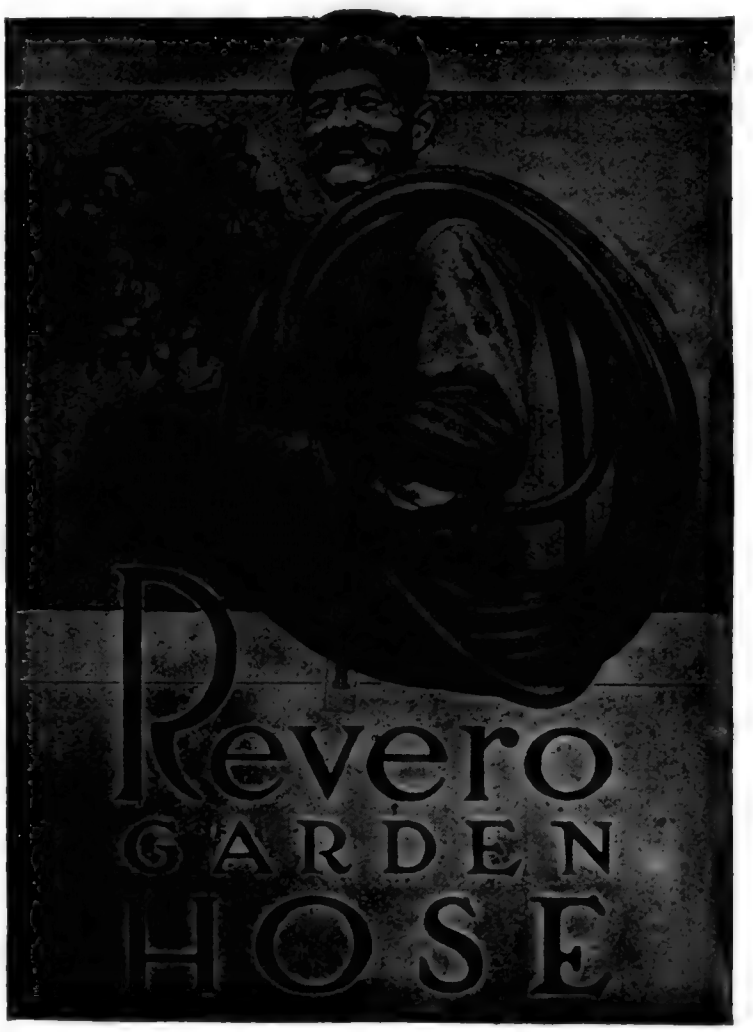
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Evans' Improved Challenge Ventilating Apparatus

Write for illustrated catalogue.

Quaker City Machine Works
RICHMOND, IND.



Light Strong Flexible

An indestructible moulded Hose for Lawn, Greenhouse, Stable, Garage. Of braided construction, cannot unwrap, kink or burst like old-style wrapped duck construction. Made in continuous lengths up to 500 feet, which gives you any length you want and avoids leaky couplings.

Manufactured by

Revere Rubber Co.

Works: Chelsea, Mass. Providence, R.I.

BRANCHES:

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New York, Philadelphia, Pittsburg, Chicago, Minneapolis, New Orleans, San Francisco.

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Cypress Bench Boards

Small orders cheerfully shipped from Philadelphia yard. Carload shipments direct from mill in the south.

Send us your inquiries.

Stokes Brothers Co., Inc.

30th St. below Chestnut, Philadelphia, Pa.

The REGAN PRINTING HOUSE

LARGE RUNS OF

Catalogues OUR SPECIALTY GET OUR FIGURE

531-537 Plymouth Place, CHICAGO

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Our prices on HAND MADE

GREENHOUSE GLASS

Are always the lowest. Our qualities are the best.
We are MANUFACTURERS. Write us for prices.

THE COLE GLASS CO., Lancaster, Ohio

Mention The Review when you write

COLUMBUS, O.

The Market.

Thanksgiving trade was all that could be desired and stock in general was cleaned up nicely. Roses were in good demand, with the supply just about equal. Carnations were not overplentiful and were all cleaned up. Mums were in great demand and all the good ones went out early. There were large quantities on the market, but the greater part of them were overripe and the poor stock was not cleaned up. Sweet peas were a trifle scarce and were all cleaned up early. Violets proved good sellers and also disappeared in good season.

The mum season is about over here, there being only a few stragglers here and there. Everybody in the trade seems glad they are gone. Carnations, roses, narcissi, Romans, etc., will have to take the place of mums now. This line of stock is on the increase and will be coming in heavily in the next few weeks, as several of the growers have been planning to have heavy crops right after mums are gone and it looks as though a few were going to hit it about right.

Various Notes.

E. Metzmaier reports everything cleaned up in the way of flowers.

The Fifth Avenue Floral Co. is cut out on mums, but is cutting heavily on roses and carnations.

The Franklin Park Floral Co. reports heavy business in cut stock.

Ben Flynn, of Graff Bros., is improving right along and expects to be on deck again before long.

C. A. Roth reports heavy funeral orders around Thanksgiving that kept him good and busy. J. M.

NEWBURGH, N. Y.

Thanksgiving business is reported by the craft as being fully up to that of former years. The Schaefer Co. cleaned up well, both in cut flowers and plants. The firm also had some good decorations.

The Newburgh Floral Co. is sending in some heavy cuts, both in carnations and narcissi, which are bringing good returns.

Percy Herbert, grower for the Yuess Gardens Co., is producing a fine crop of roses—clean stock, with that gloss peculiar to healthy plants. M.

S. JACOBS & SONS

1361-1365 Flushing Ave., Brooklyn, N. Y.

Manufacturers and Jobbers in

Greenhouse Construction Material

Take Notice We furnish working plans with each order free. We make no charge for any information you may require while erecting your house.

Most complete Factory of its kind in the United States

Established 38 Years

Absolute Reliability

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ONE OF OUR NEW ADDITIONS.

Let us quote you LOUISIANA RED CYPRESS, BOILERS, PIPE, FITTINGS, VENTILATING APPARATUS, GLASS,

We carry 20,000 boxes in stock.

PUTTY.

Mention The Review when you write.

DREER'S "RIVERTON SPECIAL" PLANT TUB



No.	Diam.	Each	Doz.	100
10	20 in.	$1.45	$16 00	$130.00
20	18 in.	1.30	14.00	115.00
30	16 in.	1.00	11.25	92.00
40	14 in.	.65	7.00	56.00
50	12 in.	.45	5.00	40 00
60	10 in.	.38	4 00	32 00
70	8 in.	.30	3.50	28.00

Manufactured for us exclusively. The best tub ever introduced. The neatest, lightest and cheapest. Painted green, with electric-welded hoops. The four largest sizes have drop handles.

HENRY A. DREER, Seeds, Plants, Bulbs and Supplies 714 Chestnut St., PHILADELPHIA, PA.



Wagner Plant Boxes are the best and cheapest in the market for Palms, Boxwood, Bay Trees, etc. They are attractive in design, strong and durable, suitable for either indoor or outdoor use. Made of cypress, which gives them a lasting quality. We manufacture various styles and sizes. Write for prices.

WAGNER PARK CONSERVATORIES
Sidney, Ohio

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Write for Catalogue.

Tree Tubs and Brass Hoop Jardinieres.

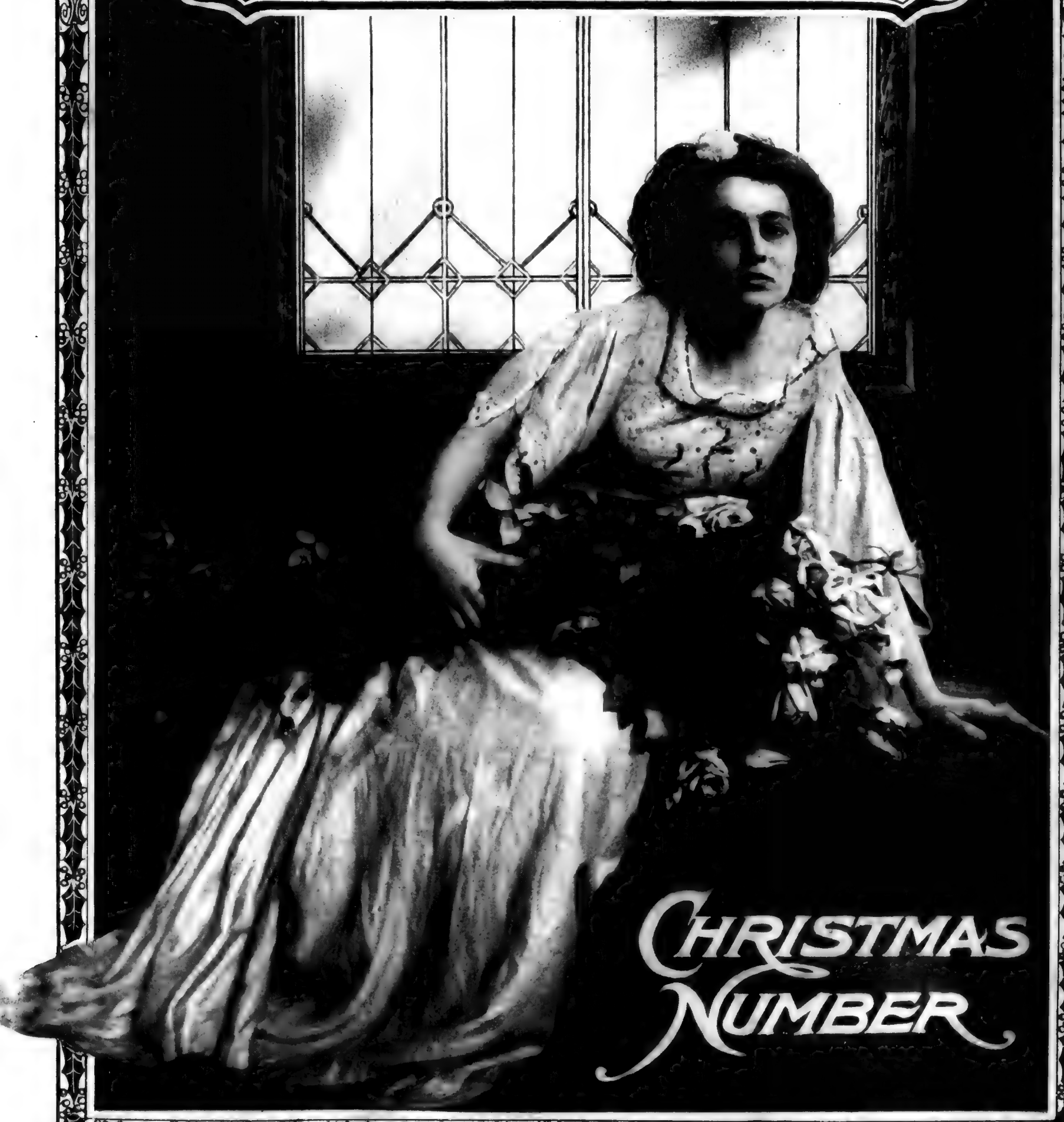
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The American Woodenware Mfg. Co.
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THE WEEKLY FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.



CHRISTMAS NUMBER

Our prices on HAND MADE

GREENHOUSE GLASS

Are always the lowest. Our qualities are the best.
We are MANUFACTURERS. Write us for prices.

THE COLE GLASS CO., Lancaster, Ohio

Mention The Review when you write

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CHRISTMAS NUMBER

LORD & BURNHAM COMPANY'S NEW PHILADELPHIA MANAGER.

On Nov. 10, 1911, D. T. Connor, who has been associated with Lord & Burnham Company's Philadelphia office for the past few years, resigned his position.

As we announced in these columns a month or so ago, Mr. Montague C. Wright, who for the past seven years has been associated with Lord & Burnham Company's New York office, was at that time made manager of the Philadelphia office and southern territory. Mr. Wright, as an old Philadelphia boy, was for several years in the employ of Frederick H. O'Neill, who was then sales agent in that section for Hitchings & Company's greenhouses. Mr. Wright is a



Montague C. Wright

man of broad greenhouse experience, having handled some of the largest contracts of the firm in both the commercial and private field. Having started in the business by doing the practical sides of the work, he has the advantage of a thorough understanding of its every detail. In planning and designing various lay-outs he has been particularly successful.

Associated with Mr. Wright will be Mr. Woodward, who, in his recent position as manager of the pipe frame construction department at the Company's Irvington factory, has had exceptional opportunities for acquiring experience in both the manufacturing and selling phases of the greenhouse business. With such a combination of sales ability the Company's friends in the Philadelphia section and the great south will certainly be well taken care of.

Thinking perhaps you didn't see this important news note about our Philadelphia office when it appeared in a recent number of one of the florist papers, we reproduce it here.

Some Convincing Evidence

FIGURES state facts, and when we say we have sold 217 houses in the Philadelphia and the southern territory in the last year or so, it sounds decidedly convincing to you.

It's a lot more interesting and convincing than that old moth-eaten statement, "We build houses from Maine to California." One in Maine, one in Chicago and one in California could answer to that claim.

But still you say, "Anyone can give figure facts; what we want to know is who these 217 are."

And that's exactly what we want you to know.

Call at our Philadelphia office and we will show you their names and tell you just the kind and size of houses they built.

If you haven't the time to do this just now, then let us send you the names of some of these customers that are in your particular territory who have houses—houses that it will pay you to go and see before you decide who is to build your next house.

If we can do satisfactory work at a satisfactory price for these 217 in this territory, for example, we can do it for you, no matter in what territory of the United States or Canada you are.

Come and see us if you can.

If you can't, then be sure to write us.

Lord and Burnham Company

Factories { IRVINGTON, N. Y. / DES PLAINES, ILL.

NEW YORK St. James Bldg. | BOSTON Tremont Bldg. | PHILADELPHIA Franklin Bank Bldg. | CHICAGO Rookery Bldg.



BASKETS OF PLANTS.

Nowadays no flower store can get through a Christmas without a lot of baskets of plants—as well try to get along without cut flowers. When the plant basket came, it came to stay. In its original form it was a comparatively simple affair, but it made a hit. The hit was as much with the retail florists as it was with the flower buying public, for the florist had found it difficult to get as many cut flowers as he needed for his holiday trade and he welcomed all additions to the supply. The public was, of course, more or less tired of the regular items of cut flower stock and gladly bought the plant arrangements. The plants cost hardly so much as the cut flowers, so there was room for the florist to exercise his dexterity in building large and complicated baskets and hampers of them. Of course they went to extremes—when any new thing makes a hit the natural tendency is to run it into the ground. But the basket of plants is so good a thing that it can't be killed—overdoing wouldn't extinguish the plant basket, as it does the things that have no real merit back of them.

Naturally there was a reaction—there always is where anything is carried too far. But the reaction did not drive the plant basket off the scene of the Christmas scramble; not a bit of it. Indeed, probably a good many florists would say there had been no reaction, and perhaps they are right so far as their own cases or localities are concerned. The plant basket was more or less slow to make its way into the smaller cities. Florists there at first thought that their trade would not take to them, and they did not need the addition to the supply of stock so badly as the city florists needed it. It was in New York that these baskets had their first popularity and it was there that they were developed into huge affairs that sold at prices that couldn't last. Better taste came to prevail, and now the plant arrangements seen in the stores patronized by even the wealthiest people usually are comparatively modest affairs. They are not the miscellaneous mixtures of other days, but are put together with as much skill and artistic appreciation of form and color values as are shown in the best of cut flower designing.

With comparative simplicity in the baskets of plants there has come a much wider sale for them. In almost every town throughout the length and breadth of the land the flower stores show plants more or less in holiday attire. In the first place little thought was given to natural arrangement. Now many plants are sold in the pot in which they were grown, only the pot is put into some fancy receptacle; or the plant is shifted to a basket, or an appropriate piece of pottery—something in which its individuality will be given expression rather than be smothered in a mass of foliage and bloom. The change in style has been of advantage to everyone; it has let everybody into the game—sellers and buyers; it has increased the supply and variety of stock and added immensely to the number of sales.

CHRISTMAS CUT FLOWERS.

In the last few years we have heard a great deal about the sale of plants at the holidays, and after each one of these festivals we are told that it was a "plant Christmas," or a "plant Easter." But the fact remains that cut flowers still constitute the best selling part of the stock. Not only do customers enjoy sending boxes of flowers to their friends, but they really prefer, if the truth were told, to buy cut flowers for their own holiday uses. Many a free spender who wants to remember his friends for Christmas sends each a box containing a dozen Beauties. Metropolitan florists frequently have a number of such customers; men who simply hand out the addresses of those to whom the gifts are to be sent, and after having left quite an order such a customer almost invariably calls up later to add a few names at first overlooked.

A good many retail florists have pushed the plant end of the business at Christmas simply because cut flowers have been high and the opportunity for profit, even at the high retail prices, less than the opportunity to



Inexpensive Arrangements of Plants and Greens, Such as These, Are Great Sellers at Christmas.



A Good Example of the Mixed Basket of Plants.

make money on the plants. Another thing which has been in favor of the plants was that the stock is less perishable; orders can be put up in advance and delivered the day before Christmas, while with cut flowers it usually is a case of putting up orders in the early hours of Christmas morning and making immediate delivery.

The changing times rather remove the objection of inadequate supply of cut flowers. Of recent years there have been enough, or nearly enough, and with the great increase in glass the chances of any extreme shortage are reduced to the minimum. In these modern times there seldom is a holiday when stock is not to be had in the big wholesale markets. Furthermore, prices are not so high as they once were. Perhaps one pays as much for a rose, but he gets a much better rose, and the same is true of practically all other cut stock. A good many florists who once put most of their energy into pushing plant arrangements are now turning once more to cut blooms. This is especially true of those high class stores which want to do just a little differently from what is done by their less pretentious competitors.

CENTERPIECE OF POINSETTIAS.

The illustration on this page is an interesting example of what the camera sometimes does to a really attractive arrangement of plants or cut flowers. The subject was a table centerpiece of poinsettias and in the original it was ideal for the purpose. But the picture fails to show the proportions. To begin at the beginning, the basket was one of those Japanese affairs that have had so good a run the last year or so. It was dark red, or reddish brown, in color and not over four inches deep. With a pan to confine the moisture and planted full of poinsettias only a few inches high, with a dwarf araucaria in the center, it made a distinctly all right centerpiece for a Christmas table. The color combination was excellent, the color of the basket going well with the red of the poinsettia bracts as well as with the foliage, and the araucaria helped out, for it broke the flatness of the arrangement as well as working into the color scheme. But the camera, which of course could not catch the colors, failed to carry a correct idea of the form of the arrangement. It was low and wide, for a large round table. Because a view straight from the side gave no suggestion of the attractiveness of the top view, the photographer tipped the basket a bit, to get a little of the effect of the view from above, with the result that the finished picture greatly increased the apparent height of both basket and plants. It looks as though it was as high as it was wide, though in reality the height was not much more than half the width.

TELLING THE STORY.

One of the places at which the flower trade is weak is in telling the true story of the merchandise to prospective customers. How many salesmen know the history of the goods they offer? Quite a few, undoubtedly, but it is a commonplace with them. How many of them make use of the story in interesting their customers? Hardly any.

The big city department stores make a study of the science of selling. The department managers study their lines; they pick out the interesting points, and sales people and advertising staff are instructed. It's always a big help. And sometimes it results in a story like this in a Chicago daily:

"There is hardly a family in all Chicago that won't want a real live Christmas tree in the house Christmas morning, so the store has secured 30,000 of them. They are the genuine Norway spruce, the most popular of all evergreens for Christmas trees. They are 5 years old, twenty-four inches in height, carefully grown nursery stock, imported from France when 3 years old and transplanted in Miami valley, Ohio, for the last two years. Nursery stock was chosen because it is hardier and more uniform in shape than the wild or natural trees."

These are the now popular table trees. Of course the grown-in-France business is the merest commonplace of the nursery trade in evergreen seedlings, but it was the point that caught the newspaper's attention, as it would the attention of many others.



Centerpiece for a Christmas Table.



A Basket of Christmas Greens—a Study in Color Harmony.

BASKETS OF GREENS.

A flower store is to sell flowers, isn't it? But how often have you seen a customer come in, look around, walk up and down, hesitate, and come completely to a standstill because the stock in trade this Christmas was exactly the stock in trade last Christmas! There are not many ways a retail florist can diversify his offerings for gift purposes, but one of the ways is to think up different arrangements for the staples of his stock.

The illustration on this page shows an arrangement of Christmas greens that has made a hit. It does not appeal to the customer who wants something big and showy, but rather to the person of finer taste, to whom the spirit and not the substance is the thing that counts. This was one of those inexpensive Japanese baskets, reddish brown in color. It was low, with a big, strong handle, for show, because the weight of the basket was trifling. In the basket were all the Christmas greens—the very best quality, you may be sure. There was hemlock, holly, mistletoe and California red berries, arranged with the deftness that marks the man designed by nature for this calling. The handle carried a big bow of No. 80 satin ribbon of just the shade of the red berries, and the basket, with its perfect color harmony, was as effective a gift as one of discriminating taste could imagine.

TEMPERATURE FOR STORES.

I should like to learn what is considered the best temperature for a flower store. T. S. C.

A flower store should not be kept too warm. An average temperature of 60 degrees is about right. The room should also be as light as possible and should be properly ventilated. In such a store the stock will keep well and give good satisfaction. H. S.

THE CHRISTMAS GREENS.

How to Keep Them in Condition.

A leading feature of the Christmas trade in many flower stores is the greens business. In even the highest class stores holly and other wreaths are indispensable and, with the average store, the trade in greens has grown till it takes up a great deal of time. We must either make up these wreaths and garlands ourselves or buy them. Some can be bought to advantage, while others are difficult to get in the right quality for a particular trade. Having these wreaths and wreathing in sufficient quantity, ready in advance of the demand, and kept so that they will be in good order for Christmas eve, will require no little thought and management. If you make up your own greens you can not put it off till the last day, when everybody is on the jump with other work, but must make them up several days before sale. Then it is that how to keep them right will be worth knowing. A good many don't know how and sometimes find their Christmas stock, after all the work and worry, is not green but lemon yellow.

Holly and Holly Wreaths.

Without doubt holly is the most important article in this line. It should not be exposed to severe weather. The cases should be stored in a cool shed. Either heat or dryness will shrivel it up. A cool, rather moist cellar would be the ideal place. It is desirable to sort it over on arrival or while your workers are making it up. Use the short stuff for making wreaths and the good, heavily berried branches and sprays for selling loose, as there is a great demand for nice stock that way.

If you do not have the cool, moist cellar for storing the loose branches, and more particularly the wreaths when they are made up, perhaps a week ahead of time, they keep well beneath a bench in a cool greenhouse, laying coarse paper on the ground, to keep the wreaths clean, and newspaper over them, to keep the light away. The light hurts, even if the place itself is cold and damp; so shut out the light. Do not put down more than two layers of the wreaths, or the weight will flatten out the lower ones. Some florists make their holly wreaths double and some make the back of lycopodium.

If you are like most of us there is a grocery on the corner that will sell holly wreaths for 15 cents. You can meet the price, if you want to, for you can buy wreaths such as the grocer sells for $90 per thousand, but your trade will not want that kind. Just have a few to show—they cost only 12½ cents by the dozen—it will help the sale of better wreaths.

If the florist has a sale for light wreaths he hardly can make them as cheaply as he can buy them. Of course there is no great quantity of holly used on single wreaths and, if one works in red winter berries in place of the natural holly berries, a low grade of holly will do. Still, the average florist will find he can not make his cheap wreaths so economically as he can buy them. The big dealers in the city, who employ hundreds of "girls," have wreath making down to a fine point. They pay only about 2 cents for making a wreath of the lightest kind and the women are so expert that they put them up far faster than a green hand can do. Consequently one gets the same wreath cheaper than he can make it, or he gets a better wreath for the same money.

But when it comes to fine wreaths, then the florist has to make them himself. First of all he must get good holly, then he must use a lot of it, and he must take the same pains he would with a wreath of flowers. A cheap

wreath is on a wire ring, but a good one is on rattan; also, it has a piece of good ribbon on it. Fine wreaths can not be made up much in advance unless you have a special place to store them in. You can't lay a big, full wreath down or its weight will crush it. Hang them up in the cool, moist cellar. If you can do that you can make in advance all you need and have them ready when wanted for sale or delivery.

Evergreen Wreathing.

Evergreen wreathing once was the item of second importance in Christmas greens, or perhaps even first, but it isn't so any more. Some florists still handle it in quantity, but it is scarcely sold at all in the high class city stores. Its principal use is in exterior decorations. It browns up quickly in a warm room. Even while in crates, unpacked, some cloth or covering should be thrown over it to keep the exposed outsides from losing the fresh green color. To dip the bunches in water for a minute or two will make the sprays pliable and easier to work, but if overwet it will all the quicker turn brown or black after being made up.

The wreathing that is made up by tens of thousands of yards and sold to the florists for them to retail is apt to be thin, because competition and the rising price of the raw material, bouquet green, has brought the price down too low for the manufacturers to turn out a really good article; you can't get something for nothing at Christmas any more than at any other time. Consequently many florists prefer to make their own wreathing and then store it away in a frame or cool shed, but always covered, so that the light and air will be excluded as much as possible. If you use only a moderate quantity of light wreathing you probably can not make it as cheaply as you can buy it; it only pays to go into making it if you want a specially heavy article or if you want the usual grade in considerable quantity. The big dealers in wreathing keep the cost of labor lower than the average florist can get it. They pay only about 65 cents per 100 yards for making the wreathing sold at about 3 cents per yard. Hire inexperienced women, none too strong at that, and they will not make living wages at that rate, nor will they turn out so good an article of wreathing. Besides, you have the bother to figure on.

Miscellaneous Greens.

For indoor decorations wild smilax is the space coverer; nothing to beat it, but keep it cool while you hold it. For fine wreaths, balls and bells, boxwood sprays have come into great popularity. For good decorations in or on large buildings, laurel wreathing is a fine article. It is a pretty green, clean, does not drop and has not the cheap look of the evergreen wreathing. Use it where you can. It is perhaps double the cost of the evergreen wreathing, but it looks it and is worth it. You can buy by the yard, made up, cheaper than you can buy the sprays and make it up yourself. You can get it in any grade your trade calls for. No amount of frost hurts it. A coldframe, with the light excluded, is a good place for it, but don't make too great a thickness of it, for it flattens out and then is anything but ornamental. That is the only trouble with the wreathing you buy; it needs to be ruffled up and shaken out.

There are any number of other Christmas greens, some of them quite important in certain localities, but those mentioned are the ones in general use practically everywhere.

Mistletoe.

Of course you must have mistletoe, but you should not count your profit on it before you have the cash in the register. Mistletoe profits are much like those counted on unhatched chickens. A few people will say there are no "privileges" allowed with the native species and will have nothing but the imported article, but the great majority do not know the difference. It is not of record that the mistletoe, which has such charming associations, lends extra bliss to the exercise under the bough when well berried, but certain it is that it often reaches the florist quite berryless. The berries are in the bottom of the case. If you buy ten dollars' worth of mistletoe, you will, perhaps, get your money back, but you won't do that if you leave it in the case and let every clerk maul it over when wanting to select a 50-cent spray. Unpack and sort it and put a price on each group, so that each salesman can readily pick up what his customer wants. Handling will ruin it.

Christmas Trees.

Don't keep the Christmas trees indoors, or they will drop their needles.

The downtown stores in the cities no longer handle Christmas trees, but the florists in the outlying districts sometimes meet the grocer and the tree peddler on their own ground and hold their own. Some who still push the Christmas tree business keep a list of those who have bought in other years and go after the orders several days ahead of the appearance of the trees at the corner grocery. They call up on the telephone, or send a salesman, or mail a reply postal card; at least they put the tree question to every customer who comes to the store. In those ways it is possible to round up a good bunch of orders ahead of delivery time. Of course, if you get up any Christmas greens literature, it should be mailed to all the well-to-do people in your neighborhood. The florist ought to make an effort to have a little better grade of greens than can be bought of the provision stores or street salesmen with whom he comes in competition, and the same way with trees. A lot of people know a good, shapely tree when they see it. You can sell a lot of these if you have the stock and facilities.

Table trees still are new in many localities. These are little fellows, not over two feet high, and are sold with some sort of base to hold them upright. A piece of tree four to six inches in diameter, sawed into disks an inch or two thick, makes a good support. If the trees, as you buy them, are not already fitted out, bore a hole in the center of the disk, sharpen the end of the little Christmas tree, drive it into the hole, and there you are, all ready



A Type of Christmas Window—Bright and Full.



Corner Windows of the Wienhoeber Store, Chicago, Showing Christmas Decorations.

for the decorator. You can sell a lot of these, either in the altogether, as the painters say, or dressed. There is scarcely any limit to the elaborateness of the trimming. Florists who have wealthy trade have put the trees in handsome baskets and rigged them up with electric lights, etc., to the point where the selling price was that of a good basket of blooming plants.

THE STORE WINDOW.

There are two distinct types of windows, not to take into consideration the windows that are intended to illustrate some special event. So many department stores have Santa Claus in the window the week before Christmas that the florist around the corner usually prefers to leave that sort of thing alone at the holidays and stick to the straight flower display. Then he has the two choices: He may either crowd it full of stock, or he may put in only a little. There seems to be no middle ground; either the window must be simple in the extreme or it must be so full that it strikes the eye as a riot of color.

The simple window is a difficult proposition, for it takes a real artist to so arrange one that it does not look bare rather than attractive. Also, there is the somewhat general belief that the simple window does not sell goods the way the well filled one does. For these reasons the average florist fills his window as full as it well can be filled. He crowds it. This is specially true of the downtown stores, where many people pass. They usually have a good share of the stock-in-trade in the windows, and quite a few have the windows fitted up for refrigeration, using them just as the ice-box is used. The managers of these stores are thoroughly convinced of the truth of the saying that in this business you can not sell what you haven't got, and they aim to show the people that they have got the goods. This class of window could not be any fuller at Christmas than it is at other times—the chances are that it is not so full, for some of the cut flowers probably have been removed to make way for the display of Christmas specialties, bright and gay. There are bells and more bells, wreaths and more wreaths, balls and ribbons and mats—and don't forget the lights! It takes a good eye to fill up a window and avoid a clash of colors, but at Christmas everything is so red that the danger is reduced to a minimum.

VAPOR ON STORE WINDOWS.

Please learn for us if you can, through your columns, how the florists in the north build their store windows so that sweat and frost will not form on the glass. T. S. C.

Nothing is more discouraging to the window trimmer in a retail flower store than to find that all his efforts are obscured by a coating of moisture or frost on the plate glass. In almost every line of business this same trouble is experienced, but we florists get the worst of it, on account of the presence of so much moisture in the air. The trouble, however, can be prevented to a certain extent. I say, to a certain extent, for it is practically impossible to prevent steaming of windows on some days.

A circulation of air on the inside of the glass is one of the best remedies. In order to obtain this, various methods of construction are in use. In the first place, the air must have some means of entering just below the glass, either through holes in the sashes, or by means of ventilators, or sashes specially constructed for this purpose. The cool air, on entering, becomes warm and rises, passing out through an outlet above the show window, and thus a continuous flow of air is produced. The opening above is usually in the form of a transom, built into the prism glass now used so extensively. In extremely cold weather, however, there is danger of freezing your window display, especially during the cold nights; this danger necessitates the checking of the current of cold air, and there is a subsequent steaming of the glass.

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wreath is on a wire ring, but a good one is on rattan; also, it has a piece of good ribbon on it. Fine wreaths can not be made up much in advance unless you have a special place to store them in. You can't lay a big, full wreath down or its weight will crush it. Hang them up in the cool, moist cellar. If you can do that you can make in advance all you need and have them ready when wanted for sale or delivery.

Evergreen Wreathing.

Evergreen wreathing once was the item of second importance in Christmas greens, or perhaps even first, but it isn't so any more. Some florists still handle it in quantity, but it is scarcely sold at all in the high class city stores. Its principal use is in exterior decorations. It browns up quickly in a warm room. Even while in crates, unpacked, some cloth or covering should be thrown over it to keep the exposed outsides from losing the fresh green color. To dip the bunches in water for a minute or two will make the sprays pliable and easier to work, but if overwet it will all the quicker turn brown or black after being made up.

The wreathing that is made up by tens of thousands of yards and sold to the florists for them to retail is apt to be thin, because competition and the rising price of the raw material, bouquet green, has brought the price down too low for the manufacturers to turn out a really good article; you can't get something for nothing at Christmas any more than at any other time. Consequently many florists prefer to make their own wreathing and then store it away in a frame or cool shed, but always covered, so that the light and air will be excluded as much as possible. If you use only a moderate quantity of light wreathing you probably can not make it as cheaply as you can buy it; it only pays to go into making it if you want a specially heavy article or if you want the usual grade in considerable quantity. The big dealers in wreathing keep the cost of labor lower than the average florist can get it. They pay only about 65 cents per 100 yards for making the wreathing sold at about 3 cents per yard. Hire inexperienced women, none too strong at that, and they will not make living wages at that rate, nor will they turn out so good an article of wreathing. Besides, you have the bother to figure on.

Miscellaneous Greens.

For indoor decorations wild smilax is the space coverer; nothing to beat it, but keep it cool while you hold it. For fine wreaths, balls and bells, boxwood sprays have come into great popularity. For good decorations in or on large buildings, laurel wreathing is a fine article. It is a pretty green, clean, does not drop and has not the cheap look of the evergreen wreathing. Use it where you can. It is perhaps double the cost of the evergreen wreathing, but it looks it and is worth it. You can buy by the yard, made up, cheaper than you can buy the sprays and make it up yourself. You can get it in any grade your trade calls for. No amount of frost hurts it. A coldframe, with the light excluded, is a good place for it, but don't make too great a thickness of it, for it flattens out and then is anything but ornamental. That is the only trouble with the wreathing you buy; it needs to be ruffled up and shaken out.

There are any number of other Christmas greens, some of them quite important in certain localities, but those mentioned are the ones in general use practically everywhere.

Mistletoe.

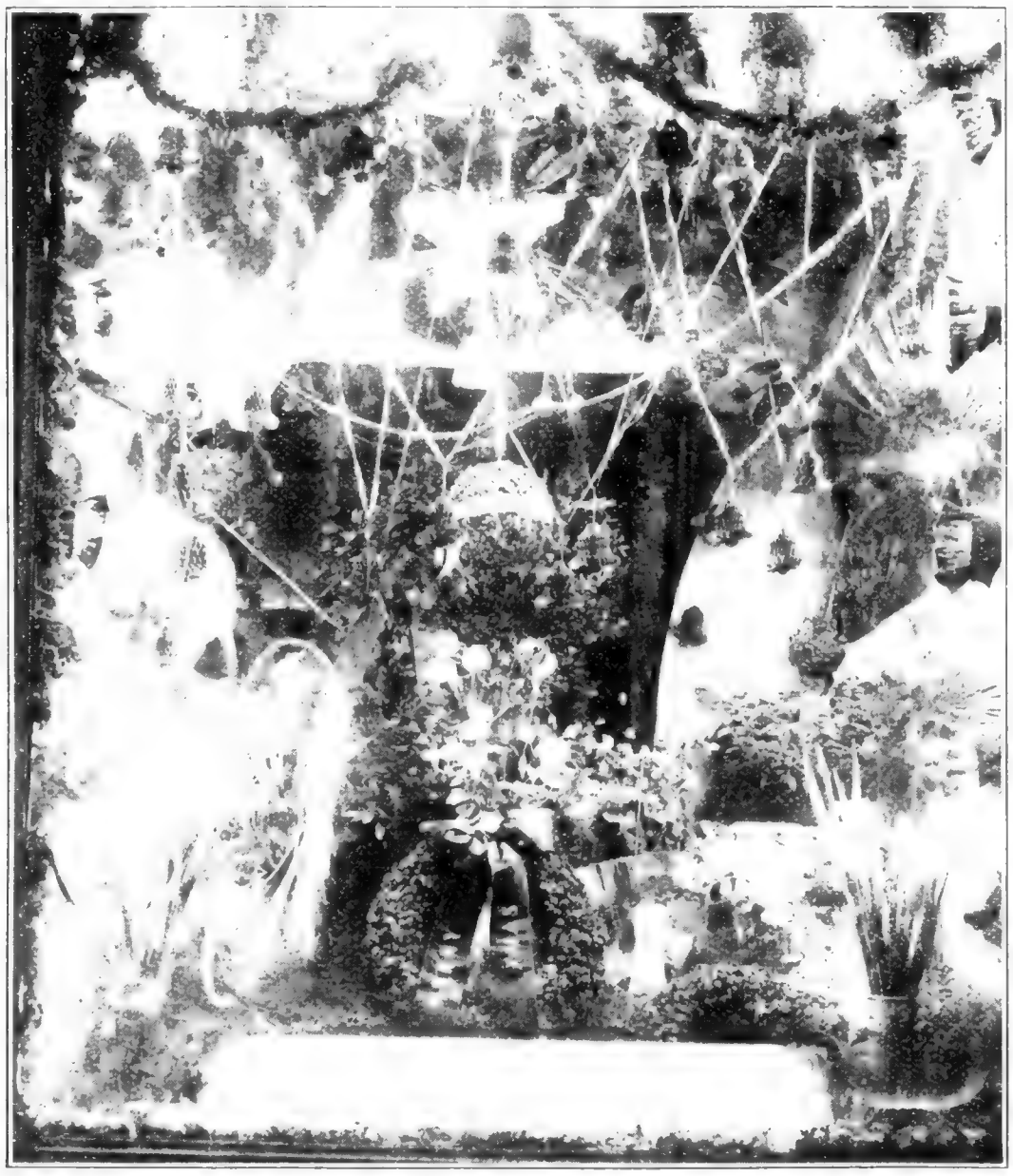
Of course you must have mistletoe, but you should not count your profit on it before you have the cash in the register. Mistletoe profits are much like those counted on unhatched chickens. A few people will say there are no "privileges" allowed with the native species and will have nothing but the imported article, but the great majority do not know the difference. It is not of record that the mistletoe, which has such charming associations, lends extra bliss to the exercise under the bough when well berried, but certain it is that it often reaches the florist quite berryless. The berries are in the bottom of the case. If you buy ten dollars' worth of mistletoe, you will, perhaps, get your money back, but you won't do that if you leave it in the case and let every clerk maul it over when wanting to select a 50-cent spray. Unpack and sort it and put a price on each group, so that each salesman can readily pick up what his customer wants. Handling will ruin it.

Christmas Trees.

Don't keep the Christmas trees indoors, or they will drop their needles.

The downtown stores in the cities no longer handle Christmas trees, but the florists in the outlying districts sometimes meet the grocer and the tree peddler on their own ground and hold their own. Some who still push the Christmas tree business keep a list of those who have bought in other years and go after the orders several days ahead of the appearance of the trees at the corner grocery. They call up on the telephone, or send a salesman, or mail a reply postal card; at least they put the tree question to every customer who comes to the store. In those ways it is possible to round up a good bunch of orders ahead of delivery time. Of course, if you get up any Christmas greens literature, it should be mailed to all the well-to-do people in your neighborhood. The florist ought to make an effort to have a little better grade of greens than can be bought of the provision stores or street salesmen with whom he comes in competition, and the same way with trees. A lot of people know a good, shapely tree when they see it. You can sell a lot of these if you have the stock and facilities.

Table trees still are new in many localities. These are little fellows, not over two feet high, and are sold with some sort of base to hold them upright. A piece of tree four to six inches in diameter, sawed into disks an inch or two thick, makes a good support. If the trees, as you buy them, are not already fitted out, bore a hole in the center of the disk, sharpen the end of the little Christmas tree, drive it into the hole, and there you are, all ready



A Type of Christmas Window—Bright and Full.



Corner Windows of the Wienhoeber Store, Chicago, Showing Christmas Decorations.

for the decorator. You can sell a lot of these, either in the altogether, as the painters say, or dressed. There is scarcely any limit to the elaborateness of the trimming. Florists who have wealthy trade have put the trees in handsome baskets and rigged them up with electric lights, etc., to the point where the selling price was that of a good basket of blooming plants.

THE STORE WINDOW.

There are two distinct types of windows, not to take into consideration the windows that are intended to illustrate some special event. So many department stores have Santa Claus in the window the week before Christmas that the florist around the corner usually prefers to leave that sort of thing alone at the holidays and stick to the straight flower display. Then he has the two choices: He may either crowd it full of stock, or he may put in only a little. There seems to be no middle ground; either the window must be simple in the extreme or it must be so full that it strikes the eye as a riot of color.

The simple window is a difficult proposition, for it takes a real artist to so arrange one that it does not look bare rather than attractive. Also, there is the somewhat general belief that the simple window does not sell goods the way the well filled one does. For these reasons the average florist fills his window as full as it well can be filled. He crowds it. This is specially true of the downtown stores, where many people pass. They usually have a good share of the stock-in-trade in the windows, and quite a few have the windows fitted up for refrigeration, using them just as the ice-box is used. The managers of these stores are thoroughly convinced of the truth of the saying that in this business you can not sell what you haven't got, and they aim to show the people that they have got the goods. This class of window could not be any fuller at Christmas than it is at other times—the chances are that it is not so full, for some of the cut flowers probably have been removed to make way for the display of Christmas specialties, bright and gay. There are bells and more bells, wreaths and more wreaths, balls and ribbons and mats—and don't forget the lights! It takes a good eye to fill up a window and avoid a clash of colors, but at Christmas everything is so red that the danger is reduced to a minimum.

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to prevent steaming, but this I do not think practical.

The firm with which I am connected opened a new, modern store November 1, and the show windows are built as I first suggested, so that air enters through specially constructed sashes and also through two ventilators. We have already had outside temperatures as low as 15 degrees above zero and have experienced no trouble. A large conservatory adjoining the store is well ventilated; so, also, are the store and workroom.

Some firms resort to the use of electric fans, from which air currents are directed diagonally against the glass, but this is costly and you know what this strong current of air will do to flowers in your window.

A liquid composed of two-thirds alcohol and one-third glycerine, applied lightly to the glass, will keep the moisture from freezing, but this solution is itself a nuisance, as it gives the glass a dull, smoky appearance.

A remedy which costs nothing, and is always effective, is the flowing of cold water down on the inside of the window. Take a watering can and pour some water against the glass as high as you can reach, thus washing off all the steam, and you will probably not be troubled again that day. If no drainage is provided in the front of your window, then use a sponge and cold water. H. S.

Buffalo, N. Y.—The Rachel M. Rebstock Co. has been incorporated, with a capital of $10,000, for the purpose of dealing in plants, shrubs, trees, etc. The incorporators are Eliz. Chretien, F. Clifford Chretien and James V. Walsh, all of Buffalo.

CHRISTMAS CEMETERY WREATHS.

A Neglected Department.

Christmas is a season at which the average florist completely ignores the cemetery trade. Possibly it will be argued that people are too busy buying gifts for the living to remember the dead at Christmas, or that it is not the time for reminding customers of the memorial uses of flowers, but the fact remains that many people do wish to signify, at Christmas, their remembrance of those who sleep in the silent cities. Of course it is more or less true that the better class stores are the ones that get the calls for memorial wreaths at the holidays, but all florists can do a profitable and easy Christmas business in this line if they give it a little attention. It will be found that customers, far from finding the suggestion unwelcome, if not put forward too boldly, will welcome and adopt it. It will be noted in the course of time that those who are away from home, or whose loved ones lie at a distance, will find it appropriate at Christmas to send a wreath of green, and here is where the telegraph delivery facilities will come into play. Every florist should cultivate the exchange-of-orders business—establish connections as widely as possible and never let an opportunity pass to acquaint the public with the fact that such facilities exist.



Christmas Cemetery Wreath of Magnolia Leaves.

Some Examples of Wreaths.

The illustrations on pages 34 and 35 are reproductions of photographs made last Christmas at a first-class store that has found it good business to show at Christmas a line of samples of cemetery wreaths. These were in the display last year. In many cases customers asked what could be done in the way of sending flowers to the cemetery in cold weather, and these wreaths lay at the clerk's hand to provide the answer. Others, seeing the wreaths, asked their purpose, and, being told that they were to go to the cemeteries on Christmas morning, commented on the appropriateness of the custom and left one or more orders.

One of these wreaths was made of the now omnipresent boxwood sprays. Boxwood has become one of the Christmas indispensables. Useful at other times, it comes in handiest at the holidays and is worked up in great quantities. People are tired of the same thing year after year, so that there always is a warm welcome for anything new in the way of a Christmas wreath, whatever its purpose, and since the grocery stores have come to handle the cheap holly wreaths at prices almost as small as the quantity of holly used in the making, patrons of flower stores have been ready to buy something else. That partly accounts for the way boxwood wreaths have sprung into favor. The boxwood wreath for the window is made on a rattan ring, just as the holly wreath is, but these cemetery wreaths are made as any funeral design would be, on wire frames that have been mossed. Two or three things are thereby accomplished: An elegance is attained that is not possible with a thinner wreath; a lasting quality is imparted, and weight is given that serves to keep the wreath where it is put.

The other wreath was of the prepared magnolia leaves that now are carried in stock by practically every retail florist—they have become one of the staples of the trade and have done not a little toward making galax a less essential article than it was a few years ago. These magnolia leaves are about the handiest thing that is to be found in the average store. They keep indefinitely and, no matter how scarce stock may be, with these on hand the retailer always has the means of making up a first-class design.

California red berries were used for the touch of color that is needed on these wreaths, but holly with its berries would have done as well, or the ilex that goes under the name of Christmas red berries.

Any florist who cares to do so can devise a dozen different combinations of seasonable green and red that will do equally well and which will serve to lend variety to his work, should he have considerable going to the same cemetery.

Crosses of various sizes are used for the same purpose. The widow of a certain millionaire sends an order to her florist every year to put a cross of boxwood and red berries, an elaborate affair that is six feet long, on the grave of the dead money-maker on Christmas morning, and flower stores that enjoy a considerable Catholic trade have found it pays to show a variety of flat cemetery crosses as a part of the holiday display.

STORAGE OF FERNS.

Will you inform me how to care for and store the fancy and dagger ferns so that they will keep in good condition throughout the winter? L. J. B.

Hardy fern fronds are usually kept

in cool storage for winter use, but if the stems of the bunches are kept covered with damp moss and the ferns are laid away in a cool cellar they will keep for a long time. W. H. T.

DONT'S FOR FLORISTS.

Don't smoke in the store.

Don't accept checks if cash change is to be given.

Don't bill your customers for "lillies" or "boquets."

Don't get along without printed letter-heads; it's unbusinesslike.

Don't expect to get the best stock when you take the cheapest offer.

Don't try to undersell your competitor; chances are you'll cut your throat if you do his prices.

Don't write the shipper that he is a liar, a thief and a robber, because stock arrives in poor condition; it hardly adds to his desire to give invariable satisfaction.

CATCHING THE ATTENTION.

A publication that specializes on merchandising and advertising suggests that attention can be fixed on a commonplace advertisement by introducing it with a joke, citing the following example:

FLOWERS.

"Why are you breaking up housekeeping?" "My wife's florist says she'll have to take the rubber plant to a different climate."—Pittsburgh Post.

Our flowers are strictly fresh, deliveries prompt and prices right. Telephone orders given prompt attention.—Rocklin & Lehman, Sioux City, Ia.

NOVELTIES NOW WANTED.

It once was the complaint that the average retail florist was slow to take up any article outside the staples, and that he did not care to diversify his stock. S. B. Wertheimer says all this has changed. "In our experience," he says, "florists are more receptive than ever in the matter of novelties in ribbons and chiffons. The day of a few plain weaves in satin ribbons and taffeta ribbons and plain chiffons is past. The average florist now demands changes in styles just as pronounced as does his dry goods neighbor. This is attributable, no doubt, to the fact that the florist wishes to have a stock entirely different and show styles which will not appear to be the creation of a millinery or dress goods designer."

PREPARING CUT POINSETTIAS.

What is the best way to keep poinsettias from bleeding or from wilting after cutting them? O. Q.

Proper treatment always is necessary or poinsettias bleed profusely when cut, and placing them in cold water right away does not help them. As soon as you cut your stems, have a can or tub of water of a temperature of 125 to 150 degrees and stand the stems in it for five minutes. Place them in this water at once and do not leave them lying around until finishing your cut. The hot water stops the bleeding, and by standing them in cold water later they will hold up well. The leaves on cut poinsettias always fade before the flowers. The bracts are generally good when the foliage has all fallen. The hot water plan materially lengthens the duration of the foliage.

There are many other ways more or less used. Last season a reader of The Review reported on this point and I clipped the paragraph but have not yet tried his plan, which was as follows: "I have learned so much from the experience of others, as told in The Review, that I should like to add my mite, if I can. So I offer my experience with poinsettias. When I cut them for sale I dipped the stems, as I cut them, in hot water, and let them stand until all were cut. Then I got some paraffine wax and dipped the stems, fresh from the water, in the wax. My customers told me they kept finely for four to five weeks."



Christmas Cemetery Wreath of Boxwood.

WILTING OF CUT POINSETTIAS.

Can you tell us what might be the trouble with the keeping qualities of our poinsettias? We have them well grown and fully developed, and have been running them on the dry side for nearly three weeks. We cut some for Thanksgiving orders and we found that even in our own cellar they would wither down quickly, and we have had some complaints from customers to whom we delivered them. We had some such trouble at Christmas last year. The stock seems perfectly healthy and free from any disease or insects. We shall appreciate any suggestion you may make toward a remedy. B. F. C.

It is a good plan to lower the temperature of the house gradually 5 to 10 degrees before starting to cut the bracts. They keep rather poorly when the bracts are not fully developed, as would probably be the case at Thanksgiving. Immediately after cutting the poinsettias, dip the bottom of the stems in water which is boiling, or as near boiling as possible, to stop the bleeding. Searing the bottoms with a hot iron will answer equally well. Stems which are not treated in this way are pretty sure to have wilted bracts. After dipping or searing the ends, wrap the bracts each in oil paper or tissue paper and stand them in deep jars of water in a temperature of about 45 degrees. The ordinary ice chest is too cool for them. Treated as described, you should have but little trouble in keeping your bracts fresh. Keep them out of water as short a time as possible after they are cut.

One prominent grower, whose cut is all used at Christmas, runs his plants at 60 to 65 degrees at night while developing; two nights before cutting he drops the temperature down to 50 degrees and finds that the sudden, sharp drop makes them keep much better. The warmer the plants are being grown when cut, the poorer will they keep, but scalding or searing will keep them stiff. C. W.

TO DESTROY MOLES.

What can I use to get rid of moles in my greenhouses? J. H.

Trapping is the best way to destroy moles. The Reddick mole trap is an excellent one. Another one in common use has a coil spring, with three teeth on each side. All traps should be set across the moles' runs. In setting the coil spring variety, dig out a little below the catch, so that it can work. As the moles are constantly running backward and forward in their runs, traps properly set rarely fail to catch them. Some people claim that they can poison the moles by using shelled corn boiled in white arsenic until the corn is soft. Others have had some success in suffocating them with carbon bisulphide, but I have found traps the most effectual. C. W.

NATIONAL FLOWER SHOW.

Will you kindly give publicity to the fact that the committee is now working on the preliminary plant schedule for 1913? Strong representations have been made me that any firms who desire to contribute special prizes in the plant classes should be given due credit for the same and their names placed in this preliminary list, to insure for them the widest publicity possible. The committee feels that it cannot get in touch personally with all who may be desirous of contributing in this manner, and therefore asks that they write on or before January 1, 1912, stating their wishes in this matter.

C. H. Totty, Chairman.

Madison, N. J.

THE COMING DETROIT SHOW.

A good deal of adverse criticism has been going around regarding the earliness of the rose show. The executive board of the American Rose Society thought it best to stretch a point and get together with the Carnation Society as an experiment. Many rose growers grow carnations too. They would like to go to both conventions, but to spare the time is often not possible, besides the extra cost of fare. By having these two conventions together, I think both societies will strengthen their membership, in this way: A grower whose interest is weakest, say, in roses, and is a member of the Carnation Society, would possibly, if able to attend both meetings, join the Rose Society, as he is most likely interested in roses also, but not caring to spend the time and money for both meetings, goes to the one which takes care of his greatest interest. So, being able to kill two birds with one stone, he goes to the joint meeting. As this works both ways, both societies will be gainers. Besides, the exhibition of the two societies together should be so great an attraction to the public that a good attendance seems assured, which is a great factor toward the success of the show. The Rose Society has always suffered from lack of attendance. If the show was just held of roses alone, it was too small an affair and the general public did not get to know of it. Advertisements cost a lot of money. If held in conjunction with some horticultural society we had the attendance, but we could not always arrange such conditions, so we are trying this combination. I feel sure it will be a great success. The hall is ideal, light and with plenty of ventilation, and the Detroit Florists' Club is going to do its best to make us all feel at home. Every member of it is working for the success of it, and everyone seems to feel as if the success of the show and meeting depended on just his share of the work. This makes the officers and executive boards of both societies feel assured of one of the greatest meetings and exhibitions ever held by either society.

So, my dear friend, drop your growling, if you are one of the growlers, and make up your mind to come, and you will never regret it. The exhibition of roses alone will surpass your expectations. Many new varieties will be there, not by the dozen, but by big fifty bunches, and if they are not there you can form your own conclusion why. If you have any good roses look over the premium list and see if there is not one class where you can come in. I know there is. All varieties and all classes are taken care of by some $1,700 for cash prizes, and the society's gold, silver and bronze medals. Enough, for everybody who is keen and alert knows that to have good roses at that time of the year, so they can come in competition with the best and possibly carry away the first prizes, is a glory, besides being a good advertisement. Money is not everything in this life. To show your skill and good judgment, your fine points of cultivation and care, and then to triumph over your competitors, is the great glory in our profession. Not to have felt that way is to have missed the best in your work, and those who lost will strive to do better, in the hope of taking the blue ribbon some other day, and that is just one of the results of exhibitions.

To get improvements in methods of cultivation, to keep one's eyes and ears wide open, going to these meetings and exhibitions is very important. You may not get great, big chunks of information every time you go, but, as the saying is, "every little bit helps." Competition is strong, so one has to be posted all along the line. Everyone needs that to keep abreast of the times. There are lots of men crying that there is no more money in it, as there was twenty to twenty-five years ago; the little men are getting crowded out. That's all nonsense. There is just as much money in it as ever, and more, and the small grower has just as good a chance as ever. Of course the old ways of doing things will not answer any more; new ways and means have to be adapted and lived up to and success is assured, as ever.

A. Farenwald.



A Mexican Jar and Mixed Plants.

(Fortunate is he who possesses an eye for form and color.)

STORING DAHLIA ROOTS.

Has anything been published at any time concerning the construction of cellars for the storage of dahlia tubers? If you have not published anything in regard to this, can you advise me of any literature containing information on this subject? M. W. H.

I do not know of any literature bearing on this subject, or any special article dealing with the winter storage of dahlia roots. Storage is usually briefly dismissed in catalogues and cultural articles, but it is the stumbling block over which many cultivators fall, and heavy losses in storage have so disgusted some growers that they have dropped dahlia culture entirely.

Dahlia roots should be thoroughly dried in the sun after lifting, before being stored away. Even a little moist earth will sometimes cause whole tubers to turn moldy. They require a dry, cool cellar, and where fire heat is not used, except it may be in cases of specially severe weather, and then only for as brief a period as possible. A cellar which will keep common potatoes and gladioli satisfactorily will be equally good for dahlias. It should not be constructed, as I have occasionally seen them, of concrete walls with only one ventilator. Provide an abundance of ventilation, as if mold starts there is nothing like pure, fresh, dry air to check it.

Earth or cinders will do for the floor; I prefer the latter. Do not lay any tubers on the floor, no matter how dry it may seem; always lay some boards down first. Tiers of shelves can be built of boards, with air spaces of three-fourths of an inch to one inch between them, and made of any convenient width, also as high as head room will allow. On these lay the tubers close together, but never pile on top of each other. If you don't want to build shelves, you can, to utilize boxes or



Killarneys and Willows in a Gold Basket.

barrels, first lay in some dry sand or sawdust, then a layer of tubers, then more sawdust, and so on until the barrel is full. Packed thus they will keep capitally, and, even if the cellar is not frost-proof, tubers thus packed will take no harm. I prefer sawdust to sand, as it is lighter to handle, but sand answers equally well. I have had excellent results from laying sawdust on the shelves, when they were made of matched boards, before placing the tubers on them. Look over the tubers at least once in ten days all winter and remove any moldy tubers, and the milder the weather, the more ventilation should be given. C. W.

ANOTHER CONCRETE BENCH.

I have been reading the article on "That Thin Concrete Bench," by Loyd C. Bunch, in The Review of November 9, and should like to give my experience with benches of concrete construction. I have found that concrete benches are not only more durable than wooden benches, but they are also a better protection against fungi.

Last season I built new benches in my rose house. The middle benches are low, with concrete walls, three inches thick, but it was necessary to have raised side benches, on account of the heating system. These raised benches are connected on one side to the concrete wall, while the front side rests on posts made from 2-inch pipe, three feet high and standing on brick, to prevent them from sinking into the ground. The posts are set eight feet apart. On top of these I fastened, with clamps made of ½-inch iron rod, a 2-inch pipe, running lengthways. Every four feet I laid ¾-inch iron bars crossways, setting the inside end two inches in to the concrete wall and flattening the other end so it would rest better on the pipe running lengthways. Over this was laid a wire netting which had been used previously for a hog fence.

To hold the concrete in its place, I made a temporary bench of common pine lumber, 1x12 inches. The bottom of this bench was wedged into its place by pieces of wood laid on the heating pipes. The front wall was held in place by temporary posts. The bottom is made two inches thick, with holes eighteen inches apart each way for drainage. The side is two inches thick at the top and two and one-half inches at the bottom.

The concrete was in the proportions of one to five; that is, it consisted of two parts sifted coal ashes, two parts used propagating sand and one part cement. The work was done by two men in one day. The bench is 100 feet long and forty-one inches wide. Six days after finishing it I put in the soil, leaving the temporary bench under it three weeks longer. The bench has been standing four months and is planted with Rhea Reid roses, which are doing splendidly.

For a bench that is to stand free from the wall, I would suggest the use of concrete posts, four inches thick at the top and six inches at the bottom, which would give plenty of stability. I have free-standing benches that rest on pipe and are of the same construction as the side bench I have described, and it stands the wheeling in of soil on a wheelbarrow when a plank is laid lengthwise to protect the bottom. I have several more wooden benches which I will replace with concrete ones. In the long run the latter are cheaper and it is easier to keep out sowbugs, white ants and fungi.

Carl Buehl.

Kendallville, Ind. — The Johnson Floral Co., which this season inaugurated a mum-growing contest among the school children, recently awarded the prizes to the five winners. The contest began early in the summer, when the firm gave out 571 small plants to the pupils.



Red Carnations in Tin-Lined Japanese Basket.

Geraniums

SEASONABLE NOTES.

Bedding Plants.

If the fall propagated cuttings are in 2-inch pots they will now be abundantly rooted. With chrysanthemums out of the way, it is now possible to spread them out a little more, at the same time removing dead and decaying leaves, any weeds in the pots and picking off any flower trusses that may be showing. It is better to keep the plants somewhat on the dry side, for if kept persistently moist they will make too rank a growth. Before they become too matted with roots give a shift into 3-inch pots, using a little fine bone with the loam, also some fine cow manure or spent mushroom manure. Press the soil firmly in the pots. When loosely potted, the plants are prone to make softer growth.

There are many good growers who prefer to keep their fall cuttings in flats of sand until the middle or end of January. This plan allows the cuttings to be tucked away on shelves when bench space is valuable. If kept somewhat dry, few cuttings will damp off, and when taken out, all live cuttings, which should number ninety to ninety-five per cent of the number inserted, will have a perfect network of fine fibrous roots. They will grow apace when put in small pots.

Where stock plants are grown in beds or benches, they will now yield a fine crop of cuttings. The wood on indoor grown cuttings is always firmer and shorter jointed than those obtained in the fall outdoors and the liability of loss by damping off is greatly reduced. These cuttings are best put singly in 2-inch pots of sandy loam, placed where they can get a little bottom heat and given the full sun. Water well at the start, then sparingly until the cuttings are rooted. A night temperature of 50 degrees is ample for rooting geraniums. Where a large rooted cuttings business is done, regular propagating benches are, of course, best used. If last year's sand is still in them, better change it and not run any liability of fungus, which is often exceedingly destructive.

Winter-flowering Geraniums.

Geraniums grown for winter flowering should now be making a brave show. They are not yet half appreciated in winter, especially as Christmas plants. The average grower, whose conception of geraniums is the ordinary bedding sort as grown and retailed in 4-inch pots, can have but little conception of the beauty of many of the newer varieties from French and English hybridizers, both in the singles and doubles. With the plants now flowering freely, preserve a tolerably dry atmosphere in the house. Avoid damping the floors at all on dull days and even on mild but dark days. Always keep some heat in the pipes, to prevent damping of the petals. Look over the plants each day and remove any yellow leaves or damping flower trusses. Feed the plants well, giving the preference to a chemical top-dressing rather than too much liquid manure, as the latter tends to promote a soft growth which flowers sparsely.

Ivy-leaved Geraniums.

Ivy-leaved geraniums are little grown in America, although in Europe they are immensely popular, both for bedding outdoors and for pots and baskets indoors. Any of these make charming plants for spring sales. They are particularly well adapted for use in piazza boxes, window boxes and vases, where they flower the summer long with wonderful freedom. A few specially fine varieties are Souvenir de Charles Turner, bright pink, still hard to beat; Achievement, salmon pink, a stocky grower; Alliance, delicate blue feathered crimson rose. These two latter varieties have zonale blood in them, are semi-double and grand acquisitions. Other good sorts are: Cæsar Franck, rich crimson; Rycroft Surprise, soft pink; Dina Scalarandis, double white tinged with lilac; Col. Baden-Powell, soft blush with dark blotches on the upper petals. These all are extra fine.

If plants are now in 2-inch pots they will make splendid stock in 5-inch before May and should net prices considerably above those usually obtained for the bedding zonales.

Scented-leaved Geraniums.

About everyone possessing a small garden and who annually buys a few bedding plants, wants to get one or two scented geraniums. These and scented verbenas are never-dying favorites. There is, in addition to the plants themselves, some sale for the shoots, which of late years have been offered in a moderate way in several of the large markets. Bowls of the shoots of these spicy scented geraniums are as acceptable as flowers to many, and the demand is limited merely because the geraniums are so seldom procurable at the stores. Then again, it has hardly occurred to any plantsman that nice, bushy little plants in 5-inch or 6-inch pots of the oak-leaved, lemon, balm or rose-scented geraniums would be in demand. Speaking of these scented geraniums, the popular rose-scented form has been in commerce for 221 years and shows no wane in popularity. There is also a good call for leaves of these scented geraniums for finger bowls, while with a flower added to them they make ideal boutonnieres.

Cuttings of any of the scented geraniums, taken now, will root within four weeks and make good plants in 4-inch pots for spring sales.

SEASONABLE SUGGESTIONS

Poinsettias.

Any poinsettias the bracts of which are not yet well developed should be given more heat; 65 degrees at night will not be too warm. Plants forced thus hard will have softer bracts than those which opened earlier, but every effort should be made to have them fully expanded for Christmas, as they are hard to move when the holidays are over. Any which are made up in pans or grown singly in pots should, if possible, be given a lower temperature for a day or two before sending them out. The minimum temperature should not go below 50 degrees or a loss of leaves may ensue, and this will tend to render the plants unsalable. Avoid sharp changes of temperature, as these, together with overfeeding, overwatering and dryness at the root, will each one cause the foliage to turn yellow.

Many inquiries are received each year during the poinsettia season asking how best to keep the bracts fresh in water. Early in the morning or towards evening is the time to cut them. Jars to contain them should be deep. The usual flower room in which roses and carnations keep well is rather cool for poinsettias. It has been found that they keep plumper in a room kept at 45 degrees to 48 degrees. It is no use cutting them and placing in water without first cauterizing the bottom of the stems in some way, either by dipping for a few seconds in boiling or very hot water, or by burning the ends with a hot iron, or, as is quite often done, by using a shovel of hot coals and searing the ends over them. It is a benefit to wrap some soft paper around the bracts and upper foliage, and always leave cut poinsettias out of the water as short a time as possible.

Lorraine Begonias.

Christmas is the season par excellence for those floriferous and ever popular plants, the Lorraine type of begonias. A few people may, perhaps, be tiring of them because they are becoming "too common"; others object to them as being poor house plants, and, indeed, this is true, for in a house with steam heat or hot air even the most skillfully grown specimens sometimes are denuded of flowers inside of a week. There is, however, steady increase in the sale of them. The coming Christmas will see an enormous increase in the number of Glory of Cincinnati, which many good judges think will, to quite a considerable degree, usurp the place of Gloire de Lorraine. Cincinnati has



Two Good Ways of Filling the Same Basket—Add Ribbon if Ordered.

heavier foliage and the flowers are less densly produced on the plants. It is a much more enduring house plant. We need a scarlet Christmas begonia, such as Messrs. Veitch's new hybrids between the tuberous-rooted begonias and B. Socotrana, several times referred to in The Review of late.

Begonia Gloire de Lorraine does well in shade or sunshine, and in a cool store window lasts surprisingly well. It needs fresh air, something sadly lacking in many dwellings, and here lies the principal cause of its persistent dropping.

Be sure, when selling these begonias, not to run your stock so low that sufficient propagating material is not left, for remember that propagation by means of leaf cuttings will soon be in order.

For several years there have been shortages in the small sizes of Lorraine. Little plants in 2½-inch and 3-inch pots, or shallow 4-inch and 5-inch pans, which were propagated late, have sold extra well.

Spiræa Japonica.

The roots of the herbaceous spiræas or astilbes are now at hand. These should always be well soaked in a tub of water on arrival, then stood in a coldframe, where they can get a few good freezings before they are potted. It does not pay to start any of them this early; better defer that until the early part of January, for the plants will break erratically if forced too soon after arrival. Some plants in flower are annually seen at Christmas, but not so many here as in Europe. These, however, are from cold storage clumps. While the old S. Japonica is still much grown, it is so inferior to such varieties as Gladstone, compacta grandiflora and astilboides that it is a wonder so many still persist in buying it. These improved sorts cost little more than the old Japonica, and as pot plants there is simply no comparison between them. Do not overlook the rather new and extremely beautiful pink varieties, such as Queen Alexandra and Peach Blossom. Do not try to flower these latter as early as the white ones, however. They are at their best from Easter until Memorial day. At the latter holiday they easily realize over double the prices of the white varieties when cut.

Rambler Roses.

It is, of course, too early to start any of the ramblers for Easter, but there is a good demand for them before that time and, in the case of plants pot-grown through the summer or potted up early in the fall, the wood is now hard and well ripened and, where kept outdoors and on the dry side, it is now in an excellent condition for forcing. Cut out any weak or dead wood and bend the canes around some short stakes, so that they will break better. Do not give too much heat for a start; a temperature of 45 degrees to 50 degrees is ample. Syringe freely, but do not water too much until the plants break, after which they can have 5 degrees to 10 degrees more heat in a sunny house. For early forcing use Dorothy Perkins, Hiawatha and the various baby ramblers. The old Crimson Rambler, once so popular, is a good grower, but is now little seen in pots or tubs.

Euphorbia Jacquiniæflora.

That old-time favorite, Euphorbia jacquiniæflora, is coming back into favor again. Its brilliant sprays of flowers are a welcome addition to our list of Christmas flowers. It likes treatment similar to the poinsettia, which is also really a euphorbia, and, while it will grow and flower well in quite a cool greenhouse, it is much better in a temperature of 60 degrees at night. Cuttings rooted in spring and grown five or six in a 6-inch pot or pan make salable plants, but older plants give the finest sprays, and these are especially good when there are opportunities to plant them out in a bench.

Ten Weeks' Stocks.

Stocks for cutting are not popular in winter and it is doubtful if there is any money in them unless, perchance, in the case of country florists who can use up the flowers at hand. From Easter until Memorial day they are at their best, the latter holiday being the time par excellence for them. Sown now, in flats of light and sandy soil, plants will be produced which should flower well by the middle of March, especially if the regular forcing varieties are used, such as white and pink Column, Beauty of Nice and the early forcing varieties of ten weeks' stocks. Do not grow mixtures, and use only one or two colors. Those selling best are white, pink and lavender. Few of the other colors are wanted, unless it may be at Memorial day, when practically anything with color will sell. Keep the flats of seed in a temperature of 60 degrees for a start. When well germinated, give a cooler house. Pot off singly when of sufficient size and plant in benches before they get too pot-bound. They like a house with a night temperature of 45 degrees to 48 degrees to grow and flower in.

Dutch Hyacinths.

Some of the Dutch hyacinths will now be well started. If they have sprouts a couple of inches long, a batch can be housed. Do not give them any bottom heat, but if they can be stood in a dark and moderately warm case for a few days, it will assist in draw-

ing up the stems. If placed directly in the light this early the flower spikes will come short and squatty. Where only a few are wanted a smaller pot can be inverted over the growth, plugging up the hole in the bottom of the pot with putty. Do not, when watering, lift the pots and pour water over the tops of the plants, or many of the flower buds will rot.

Ixias.

Those charming little bulbous flowers, the ixias, are eagerly looked for each winter by the up-to-date flower stores. There always are critical buyers looking for just such dainty flowers. They should now be nicely rooted and have shoots well above the ground, if they have been kept in a coldframe or pit. Give them a cool, light and airy house, kept as near 45 degrees at night as possible. Avoid too much water; in fact, they are better run a little on the dry side. Similar treatment suits babianas, sparaxis and tritonias, of which latter crocata is popular. Never attempt to force any of these bulbs or you will ruin them. They all want a cool greenhouse, and in such they are always seen at their best.

Protecting Bulb Beds.

Bulb beds are better not covered until the ground is hard frozen. If a heavy mulch is applied when the ground is soft the bulbs will push their growths up into the mulch and many are broken when removing it. Leaves, straw or coarse litter all make good mulching mediums. Lay some pine boughs, corn stalks and light boards over them to keep the mulch from blowing away.

LILIES FOR EASTER.

Please inform me whether I can pot giganteum lilies now and have them in bloom for Easter. If not, is there any other white lily that will force any sooner? Is there any difference in the forcing quality of cold storage giganteums and the new bulbs?

G. E. K.

It is getting late now to pot any lilies for Easter. Either L. longiflorum giganteum or L. multiflorum could be used. The latter comes in a little earlier than giganteum, but has a smaller flower. There would be little gained by using cold storage bulbs; the fresh bulbs would start just as quickly and more strongly. Pot in 5-inch or 6-inch pots, according to the size of the bulbs. Leave a good margin for top-dressing. Place the pots in a shed, or under a bench in a house kept at 55 to 60 degrees. Scatter some fine ashes or moss over them. As soon as they are started and rooted nicely, give them a night temperature of 65 degrees right along, in order to get them ready in time. Easter in 1912 will be earlier than usual, April 7, and in order to flower lilies then the buds must be showing by the last part of February. C. W.



Scatter Tall Baskets Among the Wide Ones.

RHODODENDRONS.

Rhododendrons, to be successfully wintered outdoors, must be thoroughly damp at the roots when the ground freezes up. Failing the necessary moisture from the skies, it is better to soak them thoroughly before applying a heavy winter mulch of leaves. If this is given early in the autumn it keeps the late fall and early winter rains from reaching the roots. The scorching or dying out so common in the spring, and which is constantly blamed to the frost, is due rather to the dry condition of the roots, as the thick mulch prevents any winter rain or melting snow from doing the plants any good. During the present month is a suitable time to protect any varieties of doubtful hardiness with evergreen boughs and burlap. Don't lace the plants up too closely, but give a chance for plenty of air to reach them. The real damage is not done now, but in late winter and early spring. The inadequacy of moisture at the roots annually kills or severely cripples more evergreens of all kinds than the winter's cold.

SAN JOSE SCALE.

This pest is an increasing menace to fruit growers and no orchardist, to be successful, can afford to neglect spraying for it. Were its ravages confined to fruit trees we could more readily control it, but it attacks many shrubs and some trees, including lilacs, malus, cydonias, cercidiphyllum, cratægus, poplars, willows, chestnuts, the evergreen Euonymus radicans, and others, including such roses as setigera and rugosa; in fact, nearly all the species are subject to attack. Among fruit trees and shrubs, currants often are dead before anyone knows what is the trouble with them. Gooseberries, plums, apples, peas and peaches are all attacked, and cherries to a less extent. Now, when the foliage has fallen, is the time to attack and destroy the pest. There are two principal remedies, the lime-sulphur spray or one of the soluble oils. The former is best where there is a large orchard to cover, but it is disagreeable to apply and the small grower, with a few dozens of shrubs and trees to treat, had better use a soluble oil, such as Scalecide, in the proportion of fifteen to one. Use a fine, misty spray. Choose a clear day without wind for the operation and be sure to dampen every portion of the wood. To make doubly sure, give another spraying before growth starts in the spring. The spraying is good insurance and even if you have few or no scale it will pay you to do it.

Chicopee Falls, Mass.—Frank Burfitt is negotiating for a new house, to be built in the early spring, for general purposes.

CHRYSANTHEMUMS

MUM MRS. HARRY TURNER.

It is difficult to reproduce a crimson variety, according to the photographer. Certain it is that the picture of Mum Mrs. Harry Turner is a miserable attempt to do justice to a beautiful flower. The color is the same shade of crimson seen in the old Black Hawk, which is one of the finest colored varieties we have. Mrs. Harry Turner comes much larger and every petal on the late bud reflexes to show the lovely color. This will, I am certain, be a popular variety when it is well known. It is named for the recently acquired wife of an ex-president of the New York Florists' Club, Harry Turner, now gardener at Samuel Untermyer's place, Greystone, at Yonkers, N. Y.

Chas. H. Totty.

COMMERCIAL MUMS.

Early Varieties.

In my last article, under the head of "Exhibition Mums," I said I would give a review of the commercial varieties in a later issue.

The following list is what my experience suggests as being first-class varieties to grow, since they have sold much better than the average varieties and the net returns per square foot have been more generally satisfactory. I do not presume to say that this list would be equally satisfactory in every market or that the same varieties would do equally well anywhere else, but, speaking in a general way, they will be found quite reliable.

Early kinds—Smith's Advance, Golden Glow, Polly Rose, Yellow October Frost, Monrovia and Rosiere.

Of the foregoing, Yellow October Frost turned in for us the largest returns per square foot. One must get an early bud for this variety in order to get the heavy flower, and if this is done Yellow October Frost will certainly pay its way.

Smith's Advance is a new-comer in this list and it paid its own way nicely. We had no white coming in so early and this is a splendid combination for Golden Glow.

Monrovia sold much better than Golden Glow this year with those growers who had it in shape to cut from September 20 to 25. It is a better color and it makes a heavier flower, with a nicer stem.

All the early varieties, in our experience, sold much better than the midseason ones.

Second Early List.

The second early list—that is, varieties that can be cut from October 5 to 20—would include Beatrice May, Mrs. Wm. Arnold and Mrs. David Syme, in whites; Gloria and Pacific Supreme, in pink; Comoleta, in yellow, and Mrs. O. H. Kahn, in bronze.

Beatrice May, as put on the market by some growers, is a beautiful chrysanthemum, though the foliage is somewhat poor. Mrs. Wm. Arnold produces some splendid flowers and sold in a more satisfactory manner.

A yellow that probably will be considered a feature in this section next year is Chrysolora, which has been grown by widely separated growers this year with good results.

Mrs. David Syme reached high-water mark in this section, bringing as high as $9 per dozen wholesale in some cases.



Mum Mrs. Harry Turner.

Midseason Sorts.

Among the best midseason varieties are Elise Papworth, Major Bonnaffon, Patty, Lynnwood Hall, Pockett's Crimson, T. Eaton and Yellow Eaton.

Midseason varieties had a bad slump in New York and it was largely a question of get what one could, without any consideration of what the stock was worth. The unavoidable slump comes every year, but this year it seemed more pronounced than ever. None of the varieties mentioned above are particularly new; therefore they do not call for any special comment.

Bonnaffon is still grown in large quantities by some growers, but I am afraid the returns can not be considered entirely satisfactory.

Late Varieties.

In late varieties, Pockett's Surprise, Chadwick Supreme, W. H. Chadwick, Yellow Chadwick, Nagoya and W. R. Brock seem the most satisfactory.

Pockett's Surprise was the peer in this particular section. One grower of my acquaintance received $9 per dozen wholesale for his flowers of this variety.

The three Chadwicks, white, yellow and pink, sold well and seemed to be in good demand.

The returns on the late varieties will be found considerably more satisfactory than on the midseason kinds.

I have not included Jeanne Nonin in the list of late varieties, for the reason that in altogether too many cases the foliage is wretchedly poor, and it can not, generally speaking, be called a profitable variety to grow. There is still considerable of it around the market at this date, December 9. After Thanksgiving the New York market is willing to forget all about mums. W. R. Brock can be kept in splendid shape for Christmas if necessary, and as a late mum will sell much more readily at that season than Nonin, since no one wants white flowers at Christmas if he can get anything else.

The Bronzes.

New York is different from other markets of the country, in that it will take almost unlimited quantities of bronze, provided they are of exhibition size and finish, and will pay a good price for them. I have not included them in this list to any extent, because a grower shipping to another market might not find the expected call for bronzes, and if he grew a great many in that shade of color he might have cause to regret it.

Among the bronze varieties that are profitable in the New York market, if grown right, are C. H. Totty, Mrs. J. A. Miller, Mrs. O. H. Kahn, Mary Mason, Glenview, Pockett's Surprise and Rose Pockett. Grown as the average commercial grower grows his plants, planted from the middle of June to the middle of July and not fed much, these will probably not return as much as some other staple variety.

Care of Stock.

After the stock is cut it is the greatest mistake in the world to lift the stock plants and deposit them under the benches because you are crowded for room and want to plant something else there. The lightest place in the house is not any too light for the stock plants of mums.

If one has a violet bed it will answer the purpose well, or the cold end of a carnation house will do, as the stock

plants do not need a temperature of over 45 degrees or so. In such a temperature they will pass through the winter nicely and be in condition to furnish, in the new year, quantities of good, healthy cuttings.

Too many florists are prone to forget the chrysanthemums until they wake up with a start some day to discover that they have no stock propagated and the stock plants are not in shape to produce cuttings. True, there are specialists from whom he can procure stock at a reasonable figure, but every florist has his own pets, and he can not always procure them when he wants them, so it is always best to propagate his own varieties where possible.

Chas. H. Totty.

PLANT PAPWORTH EARLY.

Harry Papworth, of the Metairie Ridge Nursery, New Orleans, says that he has heard so many complaints from florists who have had trouble growing Chrysanthemum Elise Papworth that he wants to put them on the right track. "We also had trouble with it," he writes, "until we learned that it wants to be planted early, so that they are strong plants when hot weather sets in." With this early planting "Elise Papworth has proven to be a fine commercial variety and better than Eaton; a pure white flower with better foliage." Mr. Papworth sprays the cuttings and plants three or four times a season with Fungine and takes occasion to speak a good word for the article. "We find it indispensable," he writes. "We use it on our cutting bench all the time, especially for chrysanthemums, and thereby can use the sand over and over again."

TWELVE GOOD SINGLES.

Will you kindly let me know what are the best twelve single chrysanthemums for pot culture, to be used for decorative purposes? Please mention six early and six late varieties.

W. B.

My selection of the best twelve singles for pot culture would be about as follows:

Early—Annie Stevens and Marvel, pink; Irene Cragg, white; Ethel Beer, bronze; Kittie Bourne, yellow, and Katie Covell, crimson maroon.

Late flowering — Mary A. Keys, white; Lorna Dando and J. T. Angus, pink; Golden Star and Margaret Totty, yellow, and Hilda Wells, a reddish crimson.

In the latter list, Margaret Totty and Lorna Dando are rather tall growing, but they are so beautiful in their respective colors that they are well worthy of a place in the list of plants to be used as decorative subjects.

C. H. T.



Poinsettias, Cyclamens, Farleyense, Dracaenas.

Savanna, Ill.—J. W. Dunn, who recently came here from Des Plaines, Ill., is making steady progress. He is preparing to move his store into the room next to the First National Bank, where he will have a much better location and much larger quarters.

HYDROCYANIC ACID GAS.

I wish to give you my experience with hydrocyanic acid gas, which I used as per formula of C. W. in The Review of November 16. I have three connected houses, each 21 x 145 feet, average height six feet, ground or solid beds, giving about 18,000 cubic feet of air space in each house. I used two 2-gallon earthen crocks in each house, in the middle walks. In each crock I put of water and sulphuric acid fifty-four ounces each (three pints, six ounces). Then I dropped in each crock, wrapped in paper, one pound two ounces, avoirdupois, of cyanide of potash, best grade, and left the house tightly closed till next morning early, when I opened the ventilators and syringed everything well.

I had a bad dose of red spider on the carnations. I have always been able until this fall to keep them in check with water, but they were gaining on me, so I decided, to my sorrow, to give them a dose of gas. In one respect it was a success, as it about fixed Mr. Spider—only a few are left alive—but it cooked a bed of lettuce 3 x 120 feet, almost ready to cut, next to the gutter, practically ruining it. The carnations for about eight feet on each side of the crocks were badly scorched. It also scorched smilax tips, plumosus and Sprengeri, also geraniums and the foliage on a few mums. I have 2,000 vincas in 4-inch pots and 2,000 Dracæna indivisa in 6-inch pots which were not harmed at all. The soil in the beds was on the dry side.

I would like to hear the opinion and experience of other growers who have used the gas, so that I may learn where I erred. How strong do they use the gas? Hope this article will be of some benefit to a brother florist who is thinking of using the gas for the first time, and be the means of a thorough discussion of the best way to fight our insect pests.

A. L. Merrill.

Here are the original instructions as given for fumigating orange trees in tubs:

"The surest method of extermination is hydrocyanic acid gas. This is especially necessary if you have the San Jose scale. This is a most deadly gas and must be used with the greatest of care, as its effects are quickly fatal on human beings as well as plant pests. Many articles have appeared on this gas in past numbers of The Review, but we would advise you to use the following formula, which we have proved effective. For each thousand cubic feet of air space, use two ounces of cyanide of potassium, best grade procurable, and six ounces each of water and sulphuric acid. To find cubic area of your shed or house, multiply length by breadth and this by average height; thus, a house 50 x 12 x 8 would contain 4,800 cubic feet and would need approximately five times the amount given for 1,000 feet. Use earthenware jars. Just pour in the acid; then add the water, after which drop in the cyanide wrapped in oil paper and get out of the house as fast as possible. Lock the door and be sure that no one is allowed to enter again that night. See that ventilators are tightly closed. Choose a cold night for the operation. In the morning open the doors and ventilators wide. Syringe well. All bugs



Here are Poinsettias and Romans in Inexpensive Baskets.

and scales should be deceased. If any show signs of life, apply a second dose a few weeks later. Don't trust the fumigation to assistants. Do it yourself and keep any cyanide securely locked up.''

C. B., whose trouble was with orange trees badly infested with scale and mealy bug, asked how he could rid his trees of these pests and I advised the use of the gas with an all-night exposure. At the strength recommended, no harm could come to the orange trees. In California they are frequently fumigated with much heavier doses for San Jose scale without any injury resulting, the exposure, however, being of short duration. I would have hesitated seriously about advising any all-night exposures for a mixed assortment of plants such as Mr. Merrill grew, without considerably reducing the dose.

The general plan when using hydrocyanic acid gas among mixed plants, or those which are naturally somewhat tender, is to give an exposure of only twenty or thirty minutes, after which the ventilators are opened from outdoors. Dangers of injury are then greatly minimized. The colder the house the less danger there is of injury. On carnations gas usually takes the color out of the flowers and is liable to scorch the tips of the young shoots.

For keeping spider in check on carnations spraying with salt and water is an excellent thing to use. Once a month use a 3-inch pot of salt to five gallons of water.

Such plants as smilax, Sprengeri, plumosus, geraniums, especially the scented-leaved ones; snapdragons, freesias, mignonette, palms, ferns and all orchids are comparatively delicate and I would not advise the use of gas among them except in extreme cases and then only in cool weather and by experienced hands. Lettuce, cucumbers, tomatoes and other forcing vegetables are delicate and gas should never be used for them.

In using gas again, if you have facilities for opening your ventilators from outdoors, give twenty to thirty minutes exposure only.

The proper use of gas is not yet well understood. That it is a valuable fumigant none can deny. The views of other Review readers on this subject who are using gas would be of great interest and benefit to a large circle of readers, and I hope we may hear from them.

C. W.

REAPPRAISEMENTS.

The Board of General Appraisers has published the following reappraisements of interest to the trade:

Orchids.—From Carrillo & Baldwin and Boulton & Co., Porto Cabello. Exported August 28 and October 24, 1911, entered at New York. File Nos 61594 and 62024. Invoice Nos. 6627 and 4809. Hay, G. A.—Entered at 0.20, advanced to 0.25 United States dollar each.

Orchids.—From Carrillo & Baldwin, Maracaibo. Exported September 11, 1911, entered at New York. File No. 61595. Invoice No. 25311. Hay, G. A.—Wild orchids, entered at 1.04 bols, advanced to 0.25 United States dollar each.

Geneva, N. Y.—W. & T. Cass report a satisfactory season in their nursery department. They have several houses of cyclamens and lilies in fine shape.



Good Examples of Plant Arrangements to Sell at Moderate Prices.

THE HANNAH STORE.

In a recent issue of The Review there appeared a reproduction of a photograph of an excellent wedding decoration by Hannah & Son, of Sherman, Tex. The decoration was so well executed that it lends additional interest to the accompanying pictures, which show the store of the Hannahs. One of the views is that of the person who passes on the street, the other being the scene as it unfolds itself to one accepting the invitation offered by the sign in the window: "Come in." Incidentally, this sign is customary in the south. It appears in nearly all the store windows, as though those who are on buying bent might feel, without this assurance, that there might be some question of their welcome.



Exterior View of Store of H. O. Hannah & Son, Sherman, Texas.

One of the points that may appear odd to northern eyes is the fan over the door in the exterior view; not many northern merchants fan the street. But at Sherman there are more or less flies all the year around, and Texas flies are like other flies in that they like to congregate in a quiet entrance and are a general nuisance to business men. Therefore many storekeepers have fans in the entrance to make the flies uncomfortable and thus keep them from congregating there, ready to buzz inside with every customer. That no fans show in the interior view is due to these being on the desks and walls instead of on the ceiling.

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THE HANNAH STORE.

In a recent issue of The Review there appeared a reproduction of a photograph of an excellent wedding decoration by Hannah & Son, of Sherman, Tex. The decoration was so well executed that it lends additional interest to the accompanying pictures, which show the store of the Hannahs. One of the views is that of the person who passes on the street, the other being the scene as it unfolds itself to one accepting the invitation offered by the sign in the window: "Come in." Incidentally, this sign is customary in the south. It appears in nearly all the store windows, as though those who are on buying bent might feel, without this assurance, that there might be some question of their welcome.



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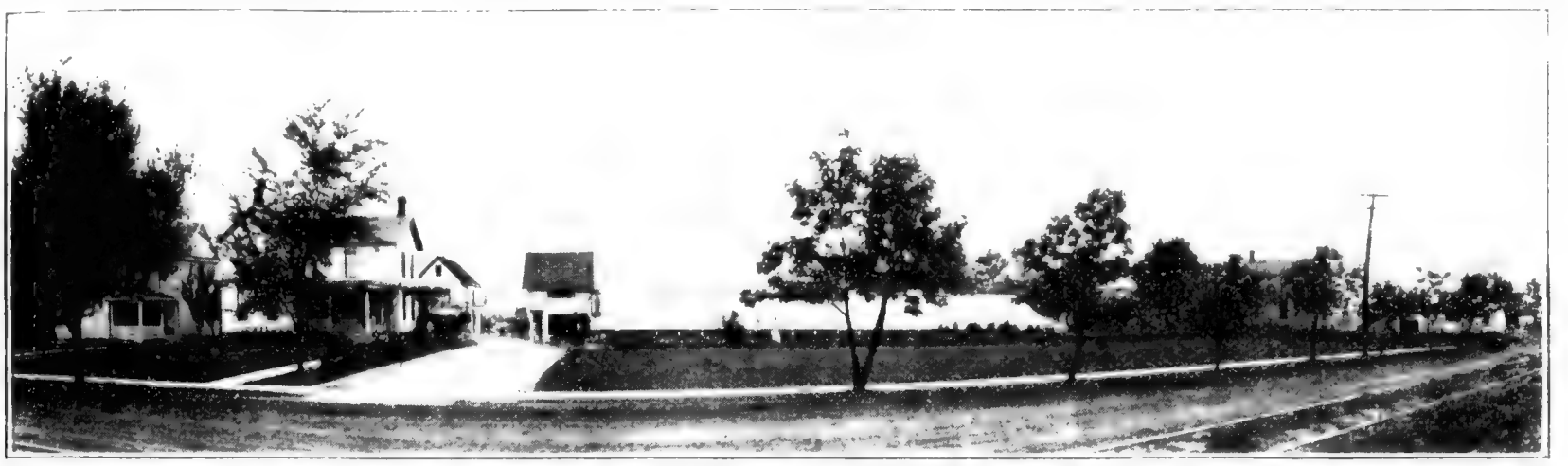
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SEASONABLE NOTES.

Cattleya Labiata.

The flowering season for Cattleya labiata being now over, the plants should be given the cooler end of the cattleya house, plenty of sunlight and a much reduced water supply. Any necessary repotting can be attended to now, if time permits, or a few weeks later. It is well to overhaul all the plants. Some may not need repotting, and it may suffice to remove some of the compost nearest the surface and replace it with fresh pieces of chopped fern root. Where roots are running over the sides of the pots or pans, it is best to take out such plants and get the roots in the compost. Some there are, whose orchid knowledge is somewhat limited, who like to see cattleya and lælia roots running over the pots or out into the atmosphere. Such plants will always be found to have weaker and more shriveled bulbs than those having their roots inside the pots. When cattleyas are sending out such quantities of these so-called aërial roots, either the compost in the pots is not to their liking, or more probably the house is kept too moist and stuffy. Cattleyas do not want any such conditions, but must have air on every possible opportunity. In fact, there are few days in the year when the ventilators can not be opened to some extent.

In potting cattleyas, or, for that matter, any other orchids, always see to it that the plants are thoroughly firmed. Loosely potted orchids are not more likely to thrive than similarly planted trees and shrubs. Always use a potting stick with a sharp point to firm the compost thoroughly. This must be of some hard wood, such as teak or oak.

Reference was made in a recent number of The Review to the advance in the price of C. labiata. Not long ago $40 to $50 would have secured a good case; now $65 to $70 is needed and the plants are dwindling in size as the price per case advances. Unless new locations, where C. labiata abounds, are found, and this is not probable, the time is not far distant when this beautiful fall-flowering orchid will be as expensive as Schroederæ and Dowiana. In fact, many good judges are of the opinion that it will in five years be the highest priced cattleya in commerce. If the forest supply is to be soon practically exhausted, it behooves specialists to raise seedlings from good types. Of course, it will take four to six years for these to reach flowering size, but such plants will have more vitality than the forest plants, need little rest and will in all probability give two crops of flowers a year, as do many of our hybrids today.

Shading.

There should now be no shading on the cattleya houses. The sun may still shine on some few days with genial warmth, but for a couple of months, at least, all cattleyas, lælias and lælio-cattleyas will be benefited by all they can get of it. Of course, any in flower should be slightly shaded or moved to the cool end of the house, where they can be protected from the sun's rays. The plants, when "well sunned," to use a grower's phrase, will take on more of a yellowish hue, but will become harder, break better, flower better and be less liable to attacks of that bane of cattleya cultivators, the cattleya fly.

Dendrobium Nobile.

The earliest ripened bulbs of nobile and many of its hybrids, Wardianum and some others of the dendrobe family are now pushing out their nodes. The water supply at the root must be given in sparing quantities, or these nodes, instead of carrying flowers, will develop into growths. Occasional light syringings usually suffice to keep the pseudo-bulbs sufficiently plump. It is better to keep them in a cool, sunny house, in a night temperature of 45 to 50 degrees, until all the nodes have appeared; then give them a temperature 15 degrees higher if they are wanted in bloom in January; if not, they are easily retarded for a few weeks. It pays to get a number of these dendrobes open in January, as there is generally an overplus of them at their natural blooming time, which is March and early April.

The Editor is pleased when a Reader presents his ideas on any subject treated in

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Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU

Calanthes.

What truly superb orchids the calanthes are in midwinter! For decorative effects on dining tables, mantels, etc., they are among the most graceful and beautiful of all flowers. Cattleyas for these purposes are painfully heavy and clumsy looking; they have no grace, like calanthes, which, when well grown, have arching spikes, three to four feet long, of pink, white, or pink and white flowers. Veitchii and its several forms, of a delightful pink color, are the finest for decorative effects, although the old vestita and its forms are not to be despised. There are also some beautiful hybrids now in cultivation. The wonder is that these beautiful orchids are not more appreciated commercially. They last well when cut, and every critical customer who once has a decoration of them will want them again. The calanthes are now in flower or soon will be. They are deciduous when flowering and the water supply should be considerably reduced. Give the pots or pans a mulch of fresh sphagnum, to prevent the surface soil from drying out so much. To open calanthes well, give them a night temperature of 65 degrees. When well expanded they can stand 10 degrees less.

Cypripedium Insigne.

The old but valuable lady's slipper, Cypripedium insigne, has been flowering for some time. No other variety has yet approached it in popularity and general usefulness. It grows well in either a cool or warm house and never fails to give a liberal crop of flowers, and if there is no sale for them one week, they can easily be kept fresh on the plant two weeks, or two months if necessary. Where only one orchid is to be grown, and it is likely to be subjected to rather hard treatment, no other variety will give as satisfactory returns as C. insigne. The various yellow forms of C. insigne are becoming more abundant each year and will in a few years be sufficiently numerous to offer as cut flowers or blooming plants commercially. Of the large number of yellow forms there is as yet nothing to beat the original C. insigne Sanderæ. It has been increased considerably of late years by self-fertilization. Some seedlings surpassed the parent, but others showed considerable variation in form, although all were yellow. Laura Kimball is perhaps, next to Sanderæ, the finest of these forms. The plant has more vigor than Sanderæ. Hybrids between these two are now on the market. Ernestii is a vigorous growing yellow form, heavily blotched on the dorsal sepal. Sanderianum is a uniform yellow throughout, except for a few brown lines at the base of the petals. I have grown a number of the yellow forms, including Brightness, citrinum, Golden Ring and others, and, while all are beautiful, they are not equal to Sanderæ, Sanderianum and Laura Kimball. Some day these varieties, increased by self-fertilization, will be popular market plants, and anyone picking them up now from time to time will find it to be money well invested.

CARNATION BONFIRE.

When the E. G. Hill Co., Richmond, Ind., put out a red carnation last year, to compete with such widely grown and generally satisfactory sorts as Victory and Beacon, the wise ones knew that in Bonfire the disseminators had a variety in which they had the utmost confidence. Under the circumstances which existed it was no more than what was expected that orders averaged small, but Bonfire has given so good an account of itself thus far that it will be planted in much larger quantity for next season. Those who bought it last winter are busy propagating, but not much stock is likely to be for sale until another year, for the man who tried 500 plants will not have many cuttings to spare. Incidentally, also, if the variety has any weakness it will not develop until next season, for after its satisfactory performance thus far this year most of the plants will be kept cut back for cuttings until well along toward the end of the winter.

BLASTING BUDS.

I would be pleased to have you give me a little information in regard to my carnations. I have a house of Enchantress and White Perfection. While the plants seem to be in good health, a great many of the buds get blasted and turn brown. This has been going on now for about two weeks; also, the plants do not start new breaks as they should after cutting the bloom. The growth on the Enchantress appears a little soft. Can you suggest a remedy? I have had a little trouble with red spider and used tobacco extract as a spray. Do you suppose this may have started the trouble? There are also quite a number of dead leaves on some of the plants. H. E. H.

Sometimes it is difficult to determine what is the cause of buds blasting on carnations. There seems to have been an unusual amount of it this season, due perhaps to the unusually dry season and the prevalence of red spider. If the plants were set in the benches late in the fall the trouble would be worse than where normal conditions existed. As the plants become established the trouble would gradually disappear. I am assuming that your buds are blasting while quite small, not larger than a pea. If they grow larger, there is something else wrong. Send in a few stems with the blasted buds on them for examination. A. F. J. B.

CINCINNATI.

The Gateway to the South.

Last week we had regular spring weather. It was just the thing necessary to hurry the carnations and get them in right for Christmas. It also helped the roses. The early part of this week there was nothing but a fine, warm, continuous drizzle for three days. Naturally, there came an oversupply of stock of almost all kinds. The buyers were again given the upper hand for a time. The demand was good, but not sufficient to take up the offerings. Some of the stock that arrived, especially that from a distance, was a little soft. Beyond that, however, the same good quality that has been apparent in the past has kept up.

The prospects are good for a supply that will easily take care of all requests in the near future. With the superfluity now, and the natural, normal increase in supply, even though adverse weather should cut down the size of the shipments temporarily, there ought to be enough to take care of everyone between now and the holidays.



Carnation Bonfire.

The green goods market is enjoying a rushing business. The boxwood, which is extra good this year, the holly, which is also excellent, and laurel are selling well. Quite a call for artificial Christmas novelties is apparent.

Club Meeting.

The Florists' Club held its regular monthly meeting with President Gus Adrian in the chair. Geo. S. Bartlett was elected to honorary membership. Ed. Schumann, of Schumann & Wahlers, of Newport, Ky., showed a plant of their new begonia. It is a sport of Lorraine. The blooms are about the size of Cincinnati, while the leaf is about the size of the Lorraine leaf, but much stronger. The plant created quite a favorable impression. J. A. Peterson showed two specimen plants of Begonia Glory of Cincinnati that were exceedingly fine.

Various Notes.

C. E. Critchell reports a splendid demand for boxwood. It might be added, incidentally, that this green this year is the best ever offered in this market.

Miss Mae Carroll has severed her connection with the business of D. Rusconi.

The Bloomhurst Floral Co., at Lockland, has one of the best looking greenhouse plants in this vicinity. Every bit of stock on the place is clean and absolutely free from disease. A most gratifying quantity of buds, that bespeak a heavy cut for Christmas, are apparent. A house of poinsettias has mostly all choice blooms. The whole plant is a credit to the untiring efforts of Wm. Sunderbruch, the manager.

J. A. Peterson has sold and delivered all his cyclamens. His begonias also are moving rapidly.

C. E. Critchell has accepted the appointment as vice-president for Ohio, south, by President-Elect R. Vincent, Jr., of the S. A. F.

L. H. Kyrk has been getting in some fine Jardine roses and baby primroses.

Visitors: Lewis P. Lord, of the Lord Plant Box Co., Minneapolis; Frank Farney, of M. Rice & Co.; Paul M. Halbrooks, of the Columbus Floral Co., Columbus; John A. Keller, Lexington, Ky.; John A. Mulford, Lebanon, O., and Gustave Reiniger, of Dayton.

C. H. H.

CHICAGO CLUB MEETING.

There was an unusually large attendance at the Chicago club December 7, seventy-five being present. On the exhibition table were two fine vases of carnations, St. Nicholas, from Baur & Steinkamp, Indianapolis, and The Herald, from Chicago Carnation Co. A committee consisting of Harry Nicholson, John Then and C. W. Johnson scored St. Nicholas eighty-seven points, entitling it to the club's certificate. The Herald had previously been certificated. Visitors included Joe Hill and J. A. Evans, Richmond, Ind.; A. F. J. Baur, Indianapolis, and several others. Messrs. Baur and Evans each gave short talks.

On convention matters, George Asmus, president of the S. A. F., stated that he had appointed August Poehlmann, J. C. Vaughan and W. N. Rudd a committee to see what can be done

about a hall for next August. On motion, President Philpott was instructed to appoint a committee representing the club to coöperate with the S. A. F. committee.

It was nomination night and for president H. N. Bruns nominated H. E. Philpott, W. N. Rudd nominating P. J. Foley. Several were named for vice-president but declined, the nominees standing Carl Cropp and D. A. Robertson. A. T. Pyfer was the only nominee for secretary and E. F. Winterson for treasurer. For trustees H. N. Bruns, E. C. Amling and Walter Scott were named and for sergeant-at-arms Messrs. Fink, Goebel and Grim.

It was voted to suspend fifty-three members who are in arrears for dues, but the loss was more than made up, as thirteen new members were elected and forty-four applications were received, to be voted on in time to give them the voting privilege at the election in January.

Those elected were:

Charles Erne, 162 N. Michigan avenue.
Edward H. Gale, 108 East Delaware place.
William F. Kasting, Buffalo, N. Y.
A Van der Pohl, 3811 Harrison street.
Chas. Bond, Naperville, Ill.
Dick Salm, Morton Grove, Ill.
Louis Lickenger, Morton Grove, Ill.
Andrew Benson, Morton Grove, Ill.
Edward Toeple, Morton Grove, Ill.
Guy French, Morton Grove, Ill.
Tony Gabel, Morton Grove, Ill.
James B. Foley, Twenty-sixth street and Western avenue.
Isaac Cassidy, Twenty-sixth street and Western avenue.

The proposals were:

Wm. H. Wienhoeber, 22 East Elm street.
Wm. Allen, 2221 West Madison street.
Walter Niel, Morton Grove, Ill.
Charles Timm, Morton Grove, Ill.
Gustave Timm, Morton Grove, Ill.
Adolph Nielsen, Morton Grove, Ill.
Robert Hand, Morton Grove, Ill.
Wm. Spandekow, Morton Grove, Ill.
John Balle, Morton Grove, Ill.
Ed. Mylen, Morton Grove, Ill.
Sydney Denley, Morton Grove, Ill.
John Johnson, Morton Grove, Ill.
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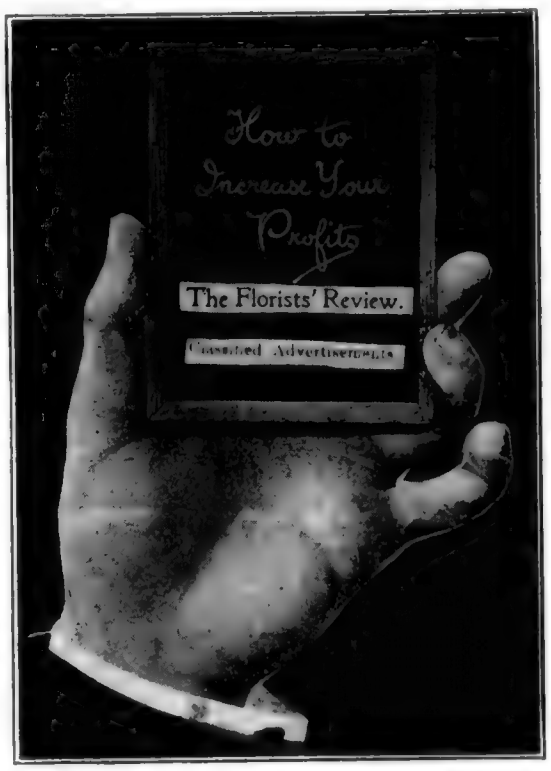
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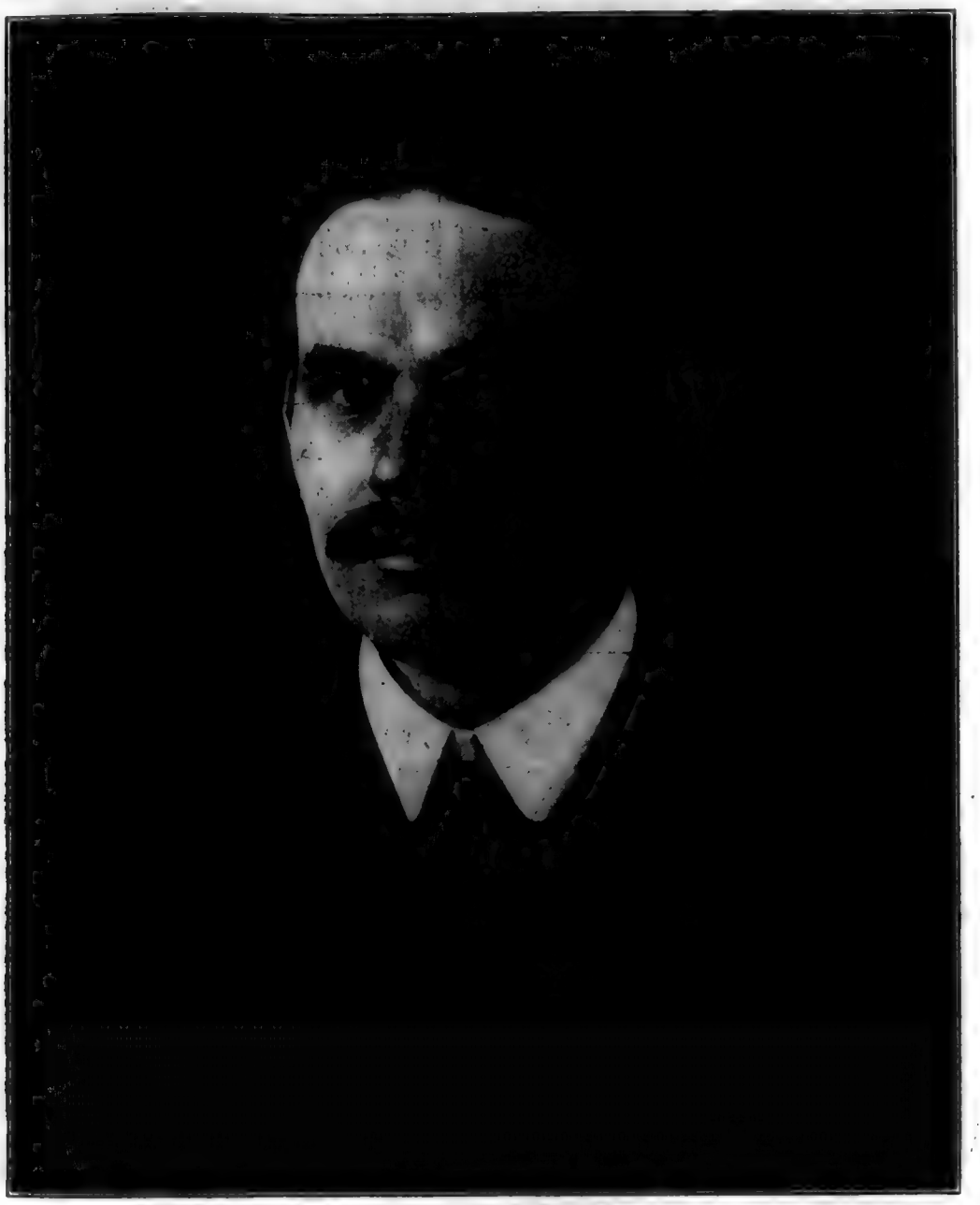
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about a hall for next August. On motion, President Philpott was instructed to appoint a committee representing the club to coöperate with the S. A. F. committee.

It was nomination night and for president H. N. Bruns nominated H. E. Philpott, W. N. Rudd nominating P. J. Foley. Several were named for vice-president but declined, the nominees standing Carl Cropp and D. A. Robertson. A. T. Pyfer was the only nominee for secretary and E. F. Winterson for treasurer. For trustees H. N. Bruns, E. C. Amling and Walter Scott were named and for sergeant-at arms Messrs. Fink, Goebel and Grim.

It was voted to suspend fifty-three members who are in arrears for dues, but the loss was more than made up, as thirteen new members were elected and forty-four applications were received, to be voted on in time to give them the voting privilege at the election in January.

Those elected were:

Charles Erne, 162 N. Michigan avenue.
Edward H. Gale, 108 East Delaware place.
William F. Kasting, Buffalo, N. Y.
A. Van der Pohl, 3811 Harrison street.
Chas. Bond, Naperville, Ill.
Dick Salm, Morton Grove, Ill.
Louis Lickenger, Morton Grove, Ill.
Andrew Benson, Morton Grove, Ill.
Edward Toepke, Morton Grove, Ill.
Guy French, Morton Grove, Ill.
Toby Gabel, Morton Grove, Ill.
James B. Foley, Twenty-sixth street and Western avenue.
Isaac Cassidy, Twenty-sixth street and Western avenue.

The proposals were:

Wm. H. Wienhoeber, 22 East Elm street.
Wm. Allen, 2221 West Madison street.
Walter Niel, Morton Grove, Ill.
Charles Timm, Morton Grove, Ill.
Gustave Timm, Morton Grove, Ill.
Adolph Nielsen, Morton Grove, Ill.
Robert Hand, Morton Grove, Ill.
Wm. Spandekow, Morton Grove, Ill.
John Balle, Morton Grove, Ill.
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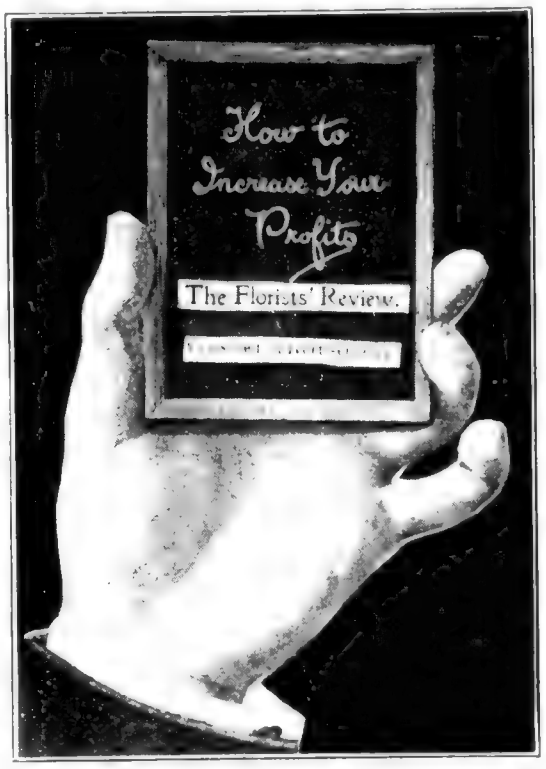
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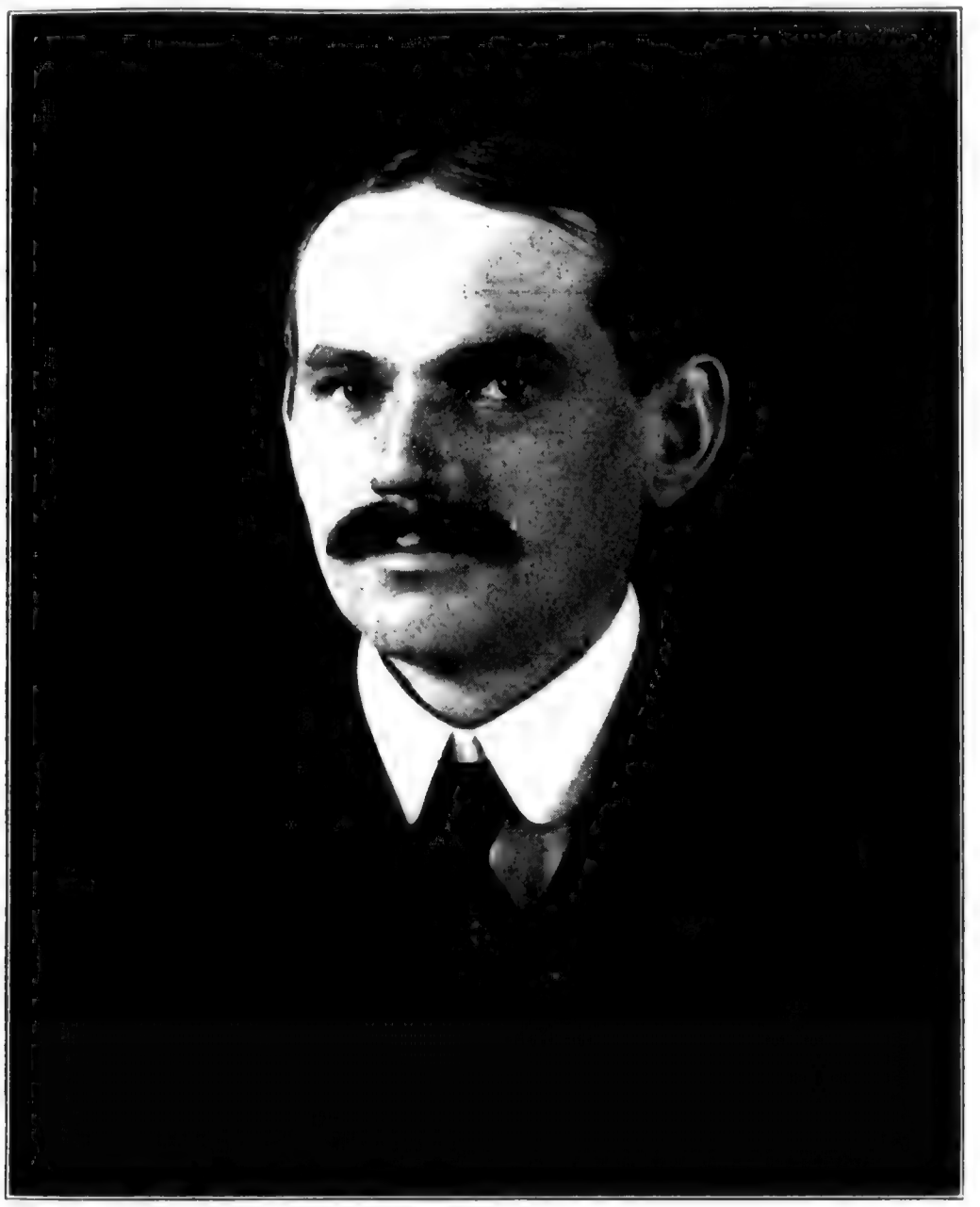
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February 28 is the date chosen for the ball of the Greek-American Florists' Association. Terrace Garden is the place, as usual.

Wm. G. Saltford, of Poughkeepsie, was in the city last week, the guest of his brother, George Saltford.

Siebrecht & Siebrecht still are cutting Cattleya labiata at their New Rochelle greenhouses, and C. Trianæ is beginning.

Fire above S. Rodh's offices and store on West Twenty-eighth street, December 6, caused some damage to the ribbon stock, but the loss was covered by insurance.

Myer, 609 Madison avenue, had a decoration December 9 at the residence of Ledyard Blair; the most elaborate he has supplied this season. Twenty-eight debutantes' bouquets, no two alike, were a feature of the affair.

Alex. M. Westwood, formerly of Mengham & Westwood, has established his retail headquarters at 110 West Twenty-eighth street.

Charles Millang, though still young in years, is celebrating the rounding out of a quarter century in the business. Mr. Millang also is interested in Long Island real estate, where values go up while one sleeps.

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H. A. Bunyard's friends are complimenting him on the cover of Arthur T. Boddington's 1912 catalogue, just out. He designs all the covers.

H. Beaulieu, of Woodhaven, L. I., returned last week from Europe.

J. K. Allen, who is preparing to celebrate his silver jubilee, says 1911 has made a new record for volume of sales.

William Kessler reports shipments of the Dreyerii fern in 6-inch and 7-inch sizes going out daily to leading retail florists in many big cities.

J. J. Coan, of the Growers' Cut Flower Co., says mums will hold out this year later than ever before.

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Traendly & Schenck report a fine booking of advance holiday orders.

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The Pennock-Meehan Co. is well pleased with the business of the last year, but is patiently waiting for May 1 and the opening of the larger store.

The F. R. Pierson Co., of Tarrytown and Scarboro, is shipping a large cut of Beauties, Killarneys and Winsor and Ward carnations to the New York Cut Flower Co.

Moore, Hentz & Nash, who in the past disposed of much English mistletoe and red berries at Christmas time, have cut them out this year, to give their entire attention to cut flowers.

This is the sixty-second anniversary for David Clarke's Sons, and business was never better, they say.

Alex. McConnell will have his usual branches for Christmas, with his new store on Fifth avenue as headquarters. Business at his New Rochelle nurseries this fall has been excellent.

A. J. Guttman says he is much encouraged by his success in re-establishing his wholesale business.

The Kervan Co. has the front of the store elaborately decorated with evergreen roping, and reports a large business.

A. Herrmann says he has had a phenomenal advance sale of Christmas novelties, the demand coming from all parts of the country.

James Meehan, formerly with Thorley, and later with the Smart Set store, now is with M. A. Bowe, in charge of the designing department. Arthur Merritt has charge of the decorating. James McDonald also has joined Mr. Bowe's force. A branch store will be opened on Fifth avenue, near Thirty-fourth street, for the holidays.

J. Austin Shaw.



Frederick A. Seidlich, Jr.

Utica, N. Y.—Chas. F. Seitzer, formerly in business at 38 Oswego street, reports that he is no longer connected with the trade.

Horseheads, N. Y.—Earl Shults, who began business here less than two years ago with one greenhouse, recently built another house and also a workroom and boiler house. He is well satisfied with the increase in trade.

Rockland, Mass.—W. B. Arnold & Co. have recently been doing their best to educate and develop the public taste for table decorations, by displaying in their show window a dining table, set with attractive chinaware and glass, and suitably embellished with flowers.

Dalton, Mass.—J. R. Shield, who for many years has been gardener for Fred G. Crane at his model farm home in Craneville, has given up his position there and has purchased a large greenhouse establishment near Boston, where he will engage in the florists' business, growing plants and cut flowers for the Boston market. Mr. Shield will take possession of his newly acquired property in the latter part of January.

OBITUARY.

Frederick A. Seidlich, Jr.

Frederick A. Seidlich, Jr., is dead at the home of his father at Catonsville, Md., after a long illness. For a number of years he had conducted a greenhouse establishment on Ingleside avenue, in Catonsville. About two years ago his own home was broken up by the death of his wife. Besides his parents, he is survived by four brothers and sisters. Mr. Seidlich was a member of the Baltimore Gardeners' and Florists' Club and was well known in the trade.

Arthur G. Greatrex.

Twenty minutes after having taken up new duties in Muir's greenhouses, at Scranton, Pa., Arthur G. Greatrex, aged 60 years, was stricken with heart failure and died a few minutes after. Mr. Greatrex had been for many years employed in the greenhouses of Morrell Bros.

R. S. Tabb.

Robert S. Tabb, who for many years had been connected with the firm of Nanz & Neuner, in Louisville, Ky., succumbed to Bright's disease Sunday afternoon, November 26, at his home, 1112 South Floyd street, in that city, at the age of 62 years. He had been in declining health for a year, but had been confined to his home but a few days. He was a native of Berkeley county, W. Va., and was a merchant at Martinsburg, W. Va., several years before removing to Louisville forty years ago. He was one of the organizers of the Westminster Presbyterian church and served as treasurer and deacon. He is survived by his wife, who was formerly Miss Anna May Herring, and the following children: Charles A. Tabb, of Pittsburgh; Robert F. Tabb, John Preston Tabb, Mrs. George B. Cooper, Mrs. J. Hamilton Ormsby and Mrs. Roy W. Burks. He also leaves two brothers, Stephen B. Tabb and Creighton Tabb, and two sisters, Mrs. Allan, of Louisville, and Mrs. R. J. Van Ness, of Nashville, Tenn.

Anthony Schramm.

Anthony Schramm, aged 20, junior member of the Schramm Bros., Toledo, O., died December 1 after a three weeks' illness of typhoid fever. He was a son of the late Anton Schramm, and leaves, besides his mother, three brothers, George, Leo and Frank, and one sister, Mrs. Albert Lehman. The funeral was held December 4 from St. Mary's church, interment being in St. Mary's cemetery.

Lowell, Mich.—One of the big industries of Lowell is the Lowell Greenhouses. From a small beginning on a farm, E. L. Kinyon has brought them to their present proportions. Four years ago, through raising tomato plants for the Fallas canning factory, Mr. Kinyon conceived the idea of branching out. He built a small greenhouse and, without any experience, set himself to the task of learning the business. This year Mr. Kinyon purchased the Ed Clark place and erected the present plant. This comprises three houses, 20 x 84, 15 x 84 and 12 x 40, besides a modern heating plant. Cut flowers and bedding plants have been the chief features up to date, but lettuce, cucumbers and tomatoes will be grown this year.



READERS ARE INVITED TO CONTRIBUTE ITEMS FOR THIS DEPARTMENT.

Brownwood, Tex.—Mrs. C. L. Steffens has erected a good-sized greenhouse here and installed a steam heating system. She will grow cut flowers and plants for the local market.

Raleigh, N. C.—C. A. Lyle & Co. have filed articles of incorporation. The authorized capital is $25,000. The incorporators are Frank Stronach and J. Norflect Stronach.

Holyoke, Mass.—G. H. Sinclair says the best late white mum with him is Gen. McArthur, of which he has a fine batch for Christmas. He also has a splendid lot of primulas.

Belleville, Ill.—It is reported that A. S. Halstead, of the St. Clair Floral Co., recently fell over a box in his greenhouses and received injuries which were likely to confine him to his home for some time.

Lenox, Mass.—Robert Spiers has resigned his position as superintendent at Interlaken and will take charge of the greenhouses of Fred G. Crane, at Dalton. Mr. Spiers has been a prominent and highly successful exhibitor at horticultural shows in this vicinity.

Salem, Mass.—The new establishment of H. T. Conant & Co., to which they have just removed, is said to be ideal in its equipments and in its convenience of arrangement. It is only a few doors from their former location at 133½ Essex street, which they were obliged to leave on account of a change of ownership.

New Rochelle, N. Y.—When Henry A. Siebrecht went to his greenhouses one morning recently, he found that the doors of the houses had been forced open during the night and that several dozens of specially choice carnation and chrysanthemum plants had been stolen. The plants, it is said, were new varieties and unusually valuable.

Berlin, Conn.—A. A. Weldon, the Berlin street chrysanthemum grower, says this season has been the most profitable one in his experience. He is a veteran of the Civil war and has for a number of years specialized in growing mums, after experimenting with other kinds of flowers almost continuously since his return from the war. His stock is noted for its fine quality and sells readily at the highest prices.

Mitchell, S. D.—The firm known as The Newburys, proprietors of the Mitchell Greenhouses & Nurseries, have filed articles of incorporation. The capital stock is $100,000. The incorporators are Charles E., Edwin C., Elizabeth A. and Jessie E. Newbury, and Frank J. Herrick. The business, which has already grown to large proportions under the management of the Newbury family, will be continued without change of name.

East Jordan, Mich.—Mrs. Rosa Batterbee reports that she has retired from the florists' business.

Fort Wayne, Ind.—Miss Ruth Flick, of the C. B. Flick Floral Co., in this city, has taken a position with John Breitmeyer's Sons, Detroit, Mich.

West Hoboken, N. J.—Two young men have been arrested on the charge of stealing chrysanthemums and roses from the greenhouses of Adolph Asmus and George Tschupp, in North Bergen.

Painesville, O.—The Painesville Garden & Greenhouse Co. has been incorporated, with a capital of $20,000, by Alfred E. McKee, Chas. M. Hawley, Edmund Witzman, Samuel J. Potts and Edwin H. Hawley.

Hartford, Conn.—John Coombs is congratulating himself on the prospective yield of carnations during the next few weeks. The output is tremendous and all sold at retail. H. T. Whiting has some of the finest violets seen in this vicinity, both Marie Louise and Lady Campbell.

Daytona, Fla.—Leon Despland, of the Daytona Floral Co., is building a flower store on Magnolia avenue, between his residence and the Despland hotel, and expects to have it completed in time for the Christmas trade. Shrubbery, as well as flowers and plants, will be handled at the new store.

Fayetteville, Ark.—A recent wedding that attracted much attention here was the marriage October 25 of Lawrence T. Shelton, secretary and treasurer of the Southwestern Seed Co., and Miss Ada L. Grasham, formerly chief stenographer for the same company. Mr. and Mrs. Shelton will make their home in a fine new residence at 223 East Dickson street.

Quincy, Ill.—While Gottfried Gross, the Main street florist, was driving across the street car tracks recently, a car collided with his vehicle with such force that the harness was stripped from the horse and the buggy was dragged several yards before the car could be stopped. Mr. Gross retained his seat in the buggy, but received some painful bruises. His injuries, however, were not considered serious.

Pittsburgh, Pa.—The Manufacturers' Light and Heat Co., of this city, has been a favorite investment for several florists and their friends, and it will be noted with interest that the company has just declared a dividend of three-fourths per cent, payable December 20. Books close December 8 and reopen December 21. This is the first dividend declared since October, 1906. Prior to that time the company disbursed six per cent per annum in dividends.

Waukegan, Ill.—M. P. Dilger recently returned from a brief sojourn in northern Michigan. He reports that when he left that locality the ground was covered by fourteen inches of snow.

Lowell, Mass.—Griffith's flower store, on Bridge street, was damaged by fire recently. When the flames were discovered at 2:30 a. m., they had destroyed part of a partition, but were soon extinguished.

Greenfield, Mass.—The residence of Paul R. Burtt, with nearly all of the furniture, was destroyed by fire on the afternoon of December 4. Mrs. Burtt and her 3-months-old baby had a narrow escape. The loss is roughly estimated at $3,500, partly covered by insurance.

Albion, Mich.—Arthur H. Dew, who last year tore down his old greenhouses and rebuilt them on a larger scale, doubling their former capacity, now finds it necessary to add another house, so as to be able to take care of his spring trade. He will begin work on the new house at once.

Minneapolis, Minn.—The Minneapolis Florists' Club held its last meeting December 5, at the establishment of Rice Bros., 115 North Sixth street, which has been chosen as the club's headquarters. C. F. Rice is secretary and treasurer. The regular date of meeting is the first Tuesday of each month.

Springfield, Mass.—Prospector holds the lead as the best scarlet carnation with J. W. Adams & Co., who will have a cut of several thousand for the holidays. Mark Aitken is receiving from his plant at Agawam fine Pink Delight, May Day and White Winsor. White Enchantress he considers the most profitable of white carnations. In roses, Killarney takes the lead. Antoine Rivoire (Mrs. Taft) has many admirers. Wm. Schlatter & Son report heavy sales for their bouquet pin.

Waterford, Conn.—On Wednesday, November 22, Stanley Jordan, superintendent of the Harkness estate, near this town, made a visit to Sterlington, N. Y., where he was the guest of Mr. and Mrs. H. F. Bulpitt, at Table Rock estate, where Mr. Bulpitt is head gardener for W. G. Hamilton. During Mr. Jordan's visit he was married to Miss Elsie Violet Hodges, of Wells, England. The wedding took place November 26, at Sloatsburg Episcopal church, and on the following morning the happy couple left for a short visit to Niagara Falls. Mr. Jordan is well and favorably known in the gardening trade and the estate under his charge is in fine condition. He has the best wishes of his many friends.

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Los Angeles, Cal.—Paul Staiger has leased the nursery formerly owned by the late F. Haussmann.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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Entered as second class matter December 3, 1897, at the post-office at Chicago, Ill., under the act of March 3, 1879.
This paper is a member of the Chicago Trade Press Association.

SOCIETY OF AMERICAN FLORISTS.

Incorporated by Act of Congress, March 4, 1901.
Officers for 1911: President, George Asmus, Chicago; vice-president, R. Vincent, Jr., White Marsh, Md.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, W. F. Kasting, Buffalo, N. Y.
Officers for 1912: President, R. Vincent, Jr., White Marsh, Md.; vice-president, August Poehlmann, Morton Grove, Ill.; secretary, John Young, Bedford Hills, N. Y.; treasurer, W. F. Kasting, Buffalo, N. Y.
Annual convention, Chicago, Ill., August 20 to 23, 1912.

Results bring advertising.
The Review brings results.

Will all the rose growers plant Mrs. Aaron Ward next season? It looks that way now.

Not a few subscribers save themselves the bother of annual renewal by sending The Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

Trade has fallen off since Thanksgiving, but it is not a reason for fearing that it will not come up to previous Christmas or December records. Turn back in your books, or your thoughts, to last year, and other years, and you will find that business never is rushing in the first three weeks of December.

The better pompon chrysanthemums have made a marked advance in popularity this season, having sold well all through November and been in especial request for Thanksgiving. Of the whites, Diana was the best seller, and of the yellows, Klondyke. No pink has yet been found that would travel in the same class with these two.

At the meeting of the Florists' Club of Philadelphia December 5, Secretary David Rust read a paper on the history of the organization, now 25 years old, going so into detail that his manuscript ran to 8,000 words, equivalent to about fourteen columns of The Review. The club's records, including the papers read at its meetings, constitute a splendid history of the development of floriculture in America.

Phoenix Roebelenii has proved to be admirably adapted to the conditions under which Louisiana growers operate. In the vicinity of New Orleans it can be grown in the open to good salable sizes in two to three years, and stocks have been worked up to the point where at least one grower figures on producing all the seed he will need in future. With him the imported seeds germinate only about fifty per cent.

APPRECIATION FOR MR. ESLER.

As an aftermath of the report of the chairman of the tariff and legislative committee of the Society of American Florists, we would add our appreciation of the work which Mr. Esler did for us personally. We were among the victims of the unsatisfactory deliveries of the express companies and, as individuals, were unable to get satisfaction. We appealed to Mr. Esler and, thanks to his interest and indefatigable efforts backed by the Society of American Florists, we gained our point. This shows two things clearly and emphatically: first, the great value of united action and pulling together, as under the patronage of a society like the American Florists, and, second, officering any society with the right men in the right place. To spare Mr. Esler's blushes we will let you make the inference here. Benjamin Dorrance.

THEN IT'S INDISPENSABLE.

It is a pleasure to the Editor that a great many people have tried, in renewing subscriptions, to tell how unhandy it would be to get along without The Review. Here's a new way of putting it:

As the year 1911 draws to an end, I enclose $1 for The Review for 1912. I value every issue of it as necessary to the florist as are sunshine and water to the plants he grows.—Michael Mendel, St. Paul, Minn., December 5, 1911.

CHICAGO.

The Great Central Market.

Conditions since Thanksgiving have been dispiriting and the Christmas atmosphere is lacking. It probably is true that every December may be expected to develop a calm before the storm of holiday business, but this year it has been more trying than usual because of weather conditions. The temperature has been running much above the normal and for several days last week there was an unusual duration of bright sun. This has been followed by dark weather, but there has not yet been any fall in temperature that was worth speaking about. The warmth and the sun combined to bring in an unusual supply of flowers, including practically all the important items, and, since demand was light, the market became weak, presenting the somewhat unusual spectacle of retailers and wholesalers being all down in the mouth at the same time. Usually "what is one man's meat is another man's poison," and when supplies are too large to suit the wholesaler the retailer is happy.

The increase in the supply of Beauties has not been great, but there have been enough of the long stems to meet every demand. Medium and short Beauties continue scarce. Cattleyas have shown only a moderate increase in supply. A few fancy Trianæ are coming in, but the bulk of the supply is Percivaliana, the total being all that has been required. Practically everything else has come in heavily, so that the supply has been in excess of the market requirements. While the balance between supply and demand has been poorly maintained, the tendency has been to hold prices fairly stiff, "for next week is Christmas." The fact is that Christmas does not come until week after next and the Christ-

SPLENDID STOCK FOR
Christmas

The Largest and Most Complete Supply In this Market

Killarneys, Beauties, Carnations, Violets, Orchids—these are our leaders. We have splendid crops coming just right for the holiday—far the largest supply we ever have had and quality that never was equaled for Christmas. Let your orders come. Business will be big with YOU if you use our stock. Order enough.

KILLARNEYS

Length for length of stem, our Killarneys carry the **largest** flowers we ever have seen on these roses. It is not alone on Killarney and White Killarney that we are strong; we can supply Richmond of excellent quality and in quantity.

BEAUTIES

WERE NEVER FINER THAN OURS

We never have seen a finer crop of Beauties than we now have—splendid color, large, perfect buds, fine foliage and all lengths of stem, but specially strong on long to medium. When you have tried these Beauties you will agree with us that **nothing finer could be asked.** We shall be in full crop through the holidays. Write us today about your Christmas supply.

CARNATIONS

Buyers will find it to their advantage to order Carnations of us. Our stock is widely known as always the most uniformly high quality large lot in this market. Try a shipment from us now and we feel confident you will say you want our stock for Christmas and all the time.

DOUBLE VIOLETS SINGLE

We handle the cream of the crops of the Hudson river doubles, and they are **fine.** Also fragrant, home-grown singles that are the best the market affords.

We always have the Novelties, such as fancy Cattleyas and other Orchids, Bouvardia, Sweet Peas, Daisies, and every other flower that's in season.

A Large Cut of Fine Smilax Now on.

Fancy Valley and Easter Lilies
always on hand; can supply in quantity every day in the year.

Christmas Price List.

ORCHIDS		Per doz.
Cattleyas	$10.00 to	$12.00
Percivalianas	7.50 to	9.00
Cypripediums	2.00 to	3.00
Dendrobiums	6.00 to	7.50
AMERICAN BEAUTY		Per doz.
Extra Long Stems		$12.00
Stems 30 to 36 inches		10.00
Stems 24 inches		9.00
Stems 12 to 20 inches	$ 3.00 to	6.00
ROSES		Per 100
White Killarney, special		$25.00
White Killarney, select	$15.00 to	20.00
White Killarney, seconds	8.00 to	12.00
Killarney, special		25.00
Killarney, select	15.00 to	20.00
Killarney, seconds	8.00 to	12.00
Richmond, special	25.00 to	30.00
Richmond, select	15.00 to	20.00
Richmond, seconds	8.00 to	12.00
Extra special roses billed accordingly.		
CARNATIONS		Per 100
Common	$ 5.00 to	$ 6.00
Select, large and fancy		8.00
Fancy red		10.00
MISCELLANEOUS		
Poinsettias, doz., $3.00 to $4.00		
Violets, New York double, per 1000, $15.00 to $20.00		2.00
Violets, single, per 1000, $15.00 to $17.50		2.00
Easter Lilies, per doz., $2.00	12.50 to	15.00
Valley, seconds		3.00
Valley, select		4.00
Valley, special		5.00
Daisies, white and yellow	1.00 to	2.00
Sweet Peas	1.00 to	2.00
Bouvardia	4.00 to	8.00
Stevia	1.50 to	2.00
Paper Whites	3.00 to	4.00
Romans		4.00
Mignonette	6.00 to	8.00
DECORATIVE		
Asparagus Plumosus, strong	.50 to	.75
Asparagus Plumosus, bunch	.35 to	.50
Asparagus Sprengeri, bunch	.25 to	.50
Adiantum, fancy, long, per 100	1.00 to	1.50
Adiantum, medium, per 100	.50 to	.75
Smilax per doz., $1.50		10.00
Mexican Ivy per 1000, 6.00		.75
Ferns per 1000, 2.00		.25
Galax per 1000, 1.25		.15
Leucothoe Sprays		.75

Store open from 7 a. m. to 6. p. m. Sundays closed at noon.

Subject to market changes.

E. C. AMLING CO.

The Largest and Best Equipped
Wholesale Cut Flower House in Chicago

68-70 E. Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central.



Holiday Baskets

must be ordered now to insure their shipment in time to reach you before Christmas. We have a complete stock of cut flower and plant baskets and offer our populur

Assortments From $10 Up

These baskets are better value for the money than you can get any place else, and you will recognize that value when you see them.

Your check enclosed with your order will bring prompt shipment.

When you buy from us, you buy from the factory—at factory prices.

THE RAEDLEIN BASKET CO.

717 Milwaukee Ave., Chicago

Factories: Ebersdorf and Weidhausen, Germany.

Mention The Review when you write.

Imported Round Glass Tanks

Strong and handsome, the best thing out.

Will outsell the old style Fish Globes.



Diam. Inches	Height Inches	Cap. Gals.	Price Each
7	7	1	40c
8¼	8¼	1½	60c
9	9	2	80c

Larger sizes up to 20-in. diameter, 12-gal. capacity.

Also import all glass square tanks from ½ gallon capacity to 15 gallons. All kinds of Aquaria, Fish Globes, and Aquaria Ornaments. Catalogues and price lists on application.

NICHOLAS WAPLER, 28 Warren St., NEW YORK

Mention The Review when you write.

DESIGN LETTERS

Seals and Lodge Emblems

Gold, Silver and Felt Letters, also Patent Black Letters and Figures for Funeral Design Work.

Write for free sample to

IDEAL MONOGRAM CO.

812 Temple Court Bldg. CHICAGO, ILL.

Always Mention the Florists' Review when writing advertisers

mas demand will not be felt until the last three days of next week.

Christmas Prospects.

Everybody is busy discussing the outlook for Christmas. Most of the wholesalers say that scarcely any orders came in the Monday mail, but that there were a large number of inquiries, with the prospect that the average out-of-town buyer will in the end take more stock than ever before. There is considerable difference of opinion as to what the supply will be. The greatest unanimity is with regard to Beauties, which nearly everyone thinks will be short. The general estimate is that the supply will be about half what it was last year, practically all long stems, but one or two venture the opinion that there will prove to be all the Beauties that are needed. Some say that the unusually warm weather has rushed their rose crops so that they are too early, while others say the recent dark days have delayed the crops to the point where they will not be ready in time. On the other hand, some of the best judges are advising the retailers to push the sale of Killarney as being the item which will be most plentiful and of best quality. There probably will be better supplies of Richmond than in any previous season. Only moderate supplies of carnations are expected and splits have now become so plentiful that they require a separate quotation, but the chances are there will be as many carnations as can be used at straight quotations. In spite of the fact that violets have sold less well this season than last, some of the wholesalers are figuring on a larger demand and higher prices this Christmas than last, though it is difficult to see any basis for the prediction. Poinsettias promise to be in rather heavier supply than usual and of all the miscellaneous items there will be all the stock that anyone can use.

The usual word of caution to growers: The special demand will be December 21 to 23; flowers sent in early in the week can not be used for Christmas, but they doubtless will bring more money while still fresh than they could realize by being held. Holiday flowers now are too plentiful for pickled stock to find a market. For the last two years the market has broken badly under the weight of the supplies received after the shipping orders had gone out. Buyers may take a chance that it will do it again, but growers should not take the chance that it won't.

Various Notes.

Baur & Steinkamp state that one-third of the blooms of St. Nicholas shown before the Florists' Club December 7 were exhibited December 5 at the Indianapolis meeting. After going through the usual amount of handling, the old blooms and the fresh ones could not be distinguished.

The George M. Garland Co., of Des Plaines, Ill., has a new "boss." He arrived at the home of Mr. and Mrs. Harry S. Garland December 6, and he weighs something over eight pounds. Both mother and son are doing well.

The George Wittbold Co. expects to have a good crop of red carnations at its Edgebrook greenhouses in time for the Christmas demand. Other colors are off crop. The new rooms for the

WEILAND & RISCH

WHOLESALE GROWERS AND SHIPPERS

SHIPPERS EVERYWHERE — IMMEDIATE DELIVERIES

CUT FLOWERS

154 NO. WABASH AVE. CHICAGO

PHONE CENTRAL 879

CHRISTMAS PRICE LIST

AMERICAN BEAUTIES	Per Doz.
Extra long stems	$12.00
30-inch stems	10.00
24-inch stems	8.00
20-inch stems	6.00
18-inch stems	5.00
15-inch stems	4.00

ROSES

	Per 100		
Killarney—			
Specials	$15.00	@	$18.00
Firsts	10.00	@	12.00
Seconds	6.00	@	8.00
White Killarney—			
Specials	15.00	@	18.00
Firsts	10.00	@	12.00
Seconds	6.00	@	8.00
Richmond—			
Specials	18.00	@	20.00
Firsts	12.00	@	15.00
Seconds	8.00	@	10.00
Antoine Rivoire (Mrs. Taft)—			
Specials	$20.00	@	$24.00
Firsts	15.00	@	18.00
Seconds	10.00	@	12.00
Melody—			
Specials	15.00	@	18.00
Firsts	12.00	@	14.00
Seconds	8.00	@	10.00

Extra Special Stock Billed Accordingly

MISCELLANEOUS

Carnations—			
Specials			$6.00
Firsts			5.00
Seconds			4.00
Poinsettias—			Per Doz.
Special			$5.00
Firsts			4.00
Medium			3.00
	Per Doz.		
Gardenias	$6.00	@	$8.00
Orchids—			
Cattleyas	9.00	@	12.00
	Per 100		
Easter Lilies	$15.00	@	$18.00
Valley	4.00	@	6.00
Violets, Double	1.50	@	2.00
Single	1.25	@	2.00
Daisies—			
W. and Y	2.00	@	2.50
Sweet Peas	1.50	@	1.75
Mignonette	5.00	@	8.00
Stevia, Fine	2.00	@	3.00
Snapdragon,			
Y. and P.	8.00	@	10.00

DECORATIVE

Smilax—
Strings, 100, $12.00; doz., $1.50
Sprengeri, large bunch, ea., 40c
Asparagus, large bunch, ea., 40c
Large string....ea., 50c @ 60c
Mexican Ivy, 1000, $6.00; 100, 75c
Adiantum, fine, 100, $0.75 @ $1.25
Galax 1000, $1.50; 100, 20c
Ferns.....1000, 2.00; 100, 20c

Quotations subject to change without notice.

Store open from 7 a. m. to 6 p. m. Sundays and holidays closed at noon.

Weiland & Risch

154 N. Wabash Avenue

CHICAGO

THE Florists' Supply House of America

TELEPHONE

Your orders, they will secure prompt attention.

CHRISTMAS SPECIALTIES

Statice Wreaths, round or oval. Very adaptable holiday wreath. Sells well, all sizes, 10 in. up to 24 in.

Statice. One of the good kind of grasses used in all kinds of holiday work. Comes in natural, green, purple and red.

Statice. A new kind—veloured in pink, lavender and red—by the pound.

Moss Wreaths. This staple, reliable wreath still holds the trade—better than ever. One grade only, that the best. All sizes, 10-in. to 20-in.

Ruscus Crosses, all sizes.

Immortelle Sprays, Red Only. Comes in clusters and adds to all design work.

Imported Red Ruscus Wreaths. All sizes, 10-in. to 20-in. One of the new Xmas wreaths. The best cemetery wreath. Stands weather conditions.

Green Ruscus Wreaths. One of the most substantial and lasting wreaths on the market. They will sell. All sizes from 10-in. to 24-in.

FOR ANYTHING that you may not find here we refer you to OUR SILENT SALESMAN; it lists everything.

H. BAYERSDORFER & CO., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.

RICHMONDS
FOR CHRISTMAS
24-40-inch, $25.00 to $35.00 per 100
No finer stock to be had anywhere
VIOLETS
Quantity and Quality
$15.00 to $20.00 per 1000
M. C. GUNTERBERG
82-86 E. Randolph St., CHICAGO
L. D. PHONES 3067-3068

Mention The Review when you write.

employees are being occupied as rapidly as completed. They are proving popular with the men, as they have many modern conveniences—steam heat, baths, cement floors, etc. The retail department is sending out some exceptionally fine Christmas literature.

F. F. Scheel, of Shermerville, Ill., has about completed a range of Foley greenhouses covering about 18,500 square feet. It consists of three houses each 28x200, and one, 8½x200.

Texas land has proven an irresistible attraction to George M. Garland, of Des Plaines. He is now in the Lone Star state, looking over the ground with a view to purchasing.

The Foley Mfg. Co. has completed a new steel frame greenhouse for the city of Cadillac, Mich.

The Raedlein Basket Co. has been so rushed with Christmas orders that night work has been necessary two or three times a week.

In the weekly report of trade conditions now being issued by Kyle & Foerster, A. C. Spencer points out, under date of December 9, that the present demand and tendency of prices are exactly seasonable.

A. Henderson, who has kept in close touch with the lycopodium market, says that the notable feature has been the absence of demand for bulk green after the advance orders were out. Wreathing is going much better, he says.

Some fine bunches of verbena have attracted the attention of visitors to

VIOLETS

Single and Double. We are headquarters, as usual.
Let your orders come.

Growers, attention! Why not sell your own stock? We have the finest location in the Chicago market and space enough to accommodate several growers selling their own stock.

PERCY JONES

56 East Randolph Street, CHICAGO

Mention The Review when you write.

THERE'S MONEY IN GOLDFISH

FOR YOU

GOLDFISH
$2.00 per 100
AND UP



From Now Till Christmas

on every order amounting to $10.00 or over, we will give **Free—2 large Fountain Goldfish** for display purposes. These fish ordinarily sell at from 75 cents to $1.50 each.

Send for Catalogue and our Special Assortments

Largest dealers in Goldfish and Aquarium Supplies in the United States.
SEA MOSS, JAPANESE FISH

AUBURNDALE GOLDFISH CO. 920 W. Randolph Street PHONE HAYMARKET 152 **CHICAGO**

Always mention the Florists' Review when writing advertisers.

THE FLORISTS' SUPPLY HOUSE OF AMERICA

TELEGRAPH Your Orders, They Will Secure Prompt Attention.

CHRISTMAS SPECIALTIES

French Red Immortelle Wreaths, perfect and handsome, American style, originated by us. All sizes—7½-in. up to 27-in.

French Red Immortelle Wreaths, French style, tight wrapped. All sizes—7½-in. up to 27-in.

Red Immortelle Bells. The only original Immortelle Bell on the market, perfect in shape and color. Five sizes—4, 4½, 5, 6¼ and 8-in.

Imported Christmas Paper Folding Bells are made of extra bright red tissue paper. Miniature Bells, in sizes 2½, 3, 3½ and 4-in., are cheerful plant or tree decorations.

Imported Muslin Holly Sprays. Full berried. Their small cost will allow you to use freely on Immortelle, Ruscus or Statice Wreaths. Five to six different kinds; prices to suit all requirements.

Red Immortelles in quantity. We can supply your wants regardless of shortage of crop. Other Immortelles in all desired colors.

Ruscus. The most popular foliage ever introduced. To arrange in designs.

Entirely New Red Transparent Beech Sprays. Bright Xmas Red Sprays, especially a fine bright red. We are the introducers and the only one handling Red Pastel Xmas Beech Sprays. Try them. They will be different than you have had.

Beech Sprays, The Ordinary Kind. For holiday season, for your decorations. All good colors: Brown, green, cherry red, leather color. Beech Sprays, prepared, by pounds.

For ANYTHING that you may not find here we refer you to "OUR SILENT SALESMAN"; it lists everything.

H. BAYERSDORFER & CO., 1129 Arch St., Philadelphia, Pa.

Mention The Review when you write

Palms, Ferns and Decorative Plants

The Home of The Scottii Fern

Grand stock of all kinds for the Holidays.

We wish our friends and patrons "A Merry Christmas."

JOHN SCOTT, Rutland Road and East 45th St. **Brooklyn, New York**

Mention The Review when you write.

the Chicago Flower Growers' Association.

E. E. Pieser keeps up his old friendships on South Water street and almost any Saturday afternoon you can see him making his way back to the Kennicott store laden with some delicacy picked up during his weekly visit to the provisions market.

Phil Schupp says the bouvardia now coming in is not only the longest ever handled by J. A. Budlong, but that he thinks it is the longest ever seen in this market.

Zech & Mann have a grower who is still growing Bridesmaid, cutting a good crop, and say that many out-of-town customers ask for it in place of Killarney.

While he recognizes that the weather for the next week will be quite a factor, E. C. Amling thinks the Christmas supply of Killarney will be the largest this market ever has known. "The growers have got so they can bring it in about the way they want it," he says, and adds the comment that "they all want it for Christmas."

John Poehlmann remarks that he never has seen Cattleya Percivaliana sell better than it has the last few weeks, during the interval between the crops of labiata and Trianæ.

Winterson's Seed Store says the paper Christmas bells, now offered so cheaply, are selling well again, though florists are buying more for store decorating than for retailing.

O. Johnson intimates that there is truth in the report that the Batavia Greenhouse Co. is figuring on another addition to its glass.

Peter Reinberg recently has been cutting a fine crop of roses in the houses that were hit by the cyclone.

C. W. McKellar figures that the Christmas business will come later than usual this year, but that it will in the end show the usual increase.

Henry Van Gelder is steadily increasing the space used for the Percy Jones business.

Miss Gunterberg says that the death of B. Eldredge will make no change in the Belvidere greenhouse affairs, the estate continuing all his businesses.

Weiland & Risch recently took out a building permit for the erection of six houses as an addition to their range at Evanston, but have abandoned the idea of going ahead with the work this winter. The houses will go up in the spring.

N. J. Wietor points with special pride to the Richmond roses now being cut, the stems being the longest in their experience, running up to five feet.

The arrival of a boy baby at the home of Mrs. Paul Kruger, December 8, gave George Reinberg the proud title of Grandpa.

C. M. Dickinson was called to New York unexpectedly December 9, but is again at his desk at E. H. Hunt's.

The Adams-Robertson Co., on Rush street, was given a fine illustrated write-up in the last issue of the British-American, a paper held in high esteem by the British-American residents of Chicago. Walter Adams is an American of British extraction and D. A. Robertson is a native of Kirkcaldy, Scotland.

John Kruchten has established quite a shipping trade on gardenias.

John Starrett asserts that the Hotel La Salle, where he is florist, is one of the largest buyers on the local market. He uses, he says, from 1,000 to 1,200 flowers every day in the year.

W. W. Randall, of the A. L. Randall Co., was summoned to appear December 11 for a fortnight's term of jury service during the busiest two weeks in the year. He was excused.

Harry Manheim considers the outlook bright. He says the orders already booked insure beating the record made last Christmas by Hoerber Bros.

Next season Bassett & Washburn will drop Maid and cut down on White



Pine Tree Ribbons

Add the Finished Touch to Floral Designs and Decorations

Attractiveness is woven in every yard, made to please, satisfy and help every florist in designing; sure to bring out all the beauty of the flowers.

All widths in beautiful range of colors.

Besides, you save the jobber's profit, in **buying direct from the manufacturer.**

Why not give them a trial?

Write a postal for samples and prices for comparison.

The Pine Tree Silk Mills Co.

806-808-810 Arch St., 52 and 54 N. 8th St.

Philadelphia

Mention The Review when you write.

WANTED

For Christmas, Dec. 23 to 25

25 Marechal Niel Rose Buds

Answer to

H. R. Comley

No. 6 Park St.
BOSTON, MASS.

Mention The Review when you write.

Killarney, giving additional space to Rhea Reid and Mrs. Ward. Reid has been doing particularly well of late.

Vaughan & Sperry say that if any shortage of Beauties develops the place can be filled by the use of poinsettias,

Wishing all my friends and patrons a merry Christmas.

I will have a grand stock of

LILAC

ALL SIZES, ALL COLORS

CARNATIONS
All Varieties and Colors.

VIOLETS
Fine Ones, Large Quantities.

SWEET PEAS
Pink, Lavender and White.

Chrysanthemums

MIGNONETTE

Lily of the Valley and Roses

Short and long distance shipments will receive careful attention.
Consignments of High Quality Stock Solicited.

WILLIAM P. FORD WHOLESALE FLORIST

Telephone 5335 Madison Square

45 West 28th St., NEW YORK.

Mention The Review when you write.

Roses For The Christmas Holidays

Beauties, Richmond, Killarney, Maryland.

We are offering Beauties that are as good as they can be, 36 to 48-inch stems, perfect flowers. Our supply of the other mentioned varieties will be large and of exceptionally fine quality. The "Specials" have stems 24 to 30 inches long. It will pay you to get our quotations.

BOXWOOD, = = = per 50-lb. crate, $7.50

New Bronze Galax.

The Leo Niessen Co. WHOLESALE FLORISTS
N. W. cor. 12th and Race Sts., PHILADELPHIA, PA.
Open from 7 a. m. to 8 p. m.

Mention The Review when you write.

which will be more plentiful and finer than at any previous Christmas.

It is reported that Fleischman bought 6,000 Killarneys for the sale advertised for December 9. They were from medium to the longest.

One of the new features of the service of the Weather Bureau is a notice to shippers of perishable articles, giving packing directions for thirty-six hours in advance and for a radius of 400 miles.

Kroeschell Bros. Co. is sending growers a new edition of its carnation measure, now enlarged to five inches in diameter. The scale of points for judging is printed on it.

Visitors: Otto Lang, Dallas, Tex.; Mr. and Mrs. Theo. Meyer, Waukegan, Ill.; E. J. Fancourt, of S. S. Pennock-Meehan Co., Philadelphia.

PHILADELPHIA.

The Rising Eastern Market.

The cut flower market has dropped a little during the last week. Business is about the same, but with increased receipts. Violets suffered most. The demand for them disappeared on Saturday, just when it usually is strongest, and has been poor since. This is usual after the close of the football season. Roses are much more abundant. Many of them are fine. The values given in pink and white are above reproach. Carnations show less increase, although the springlike weather has increased their numbers too. Chrysanthemums are fast disappearing. The withdrawal of that grand late white, Jeanne Nonin, makes room for the Easter lily to emerge from retirement. Romans are quite a factor now, while the trading in valley and Paper Whites is brisk. Sweet peas of color prove more popular than white. Poinsettias have made their appearance and stem-burning has recommenced in earnest. The trading in greens is active. Boxwood, holly, lycopodium and laurel are bought and sold freely in surprisingly large quantities.

Improvements at the Hall.

There is a steady, consistent progress at Horticultural hall, Fairmount park. Those familiar with the building in its

For Christmas

Richmond, White Killarney and Princeton Roses Violets, Single and Double Carnations, Easter Lilies

and all the best that the market affords.

Send your orders in early

BERGER BROS.

Wholesale Florists

140-142 North 13th Street, Philadelphia, Pa.

Mention The Review when you write.

Centennial days will remember that back of the landscape gardener's office was a vast storeroom, from whose recesses all the odds and ends of gardening requisites were brought. This storeroom is a thing of the past. In its place has been reared a substantial temperate house, with lofty curved roof, concrete benches set on brick piers and concrete walks; a most substantial affair, filled with the best of the plants that formerly inhabited the old temperate house, and with many more.

Next to this new house is a second fern house, extending from the temperate house to the first fern house, glass partitions giving a clear view throughout. This second fern house is made necessary by Mr. Paul's trip to Jamaica, which resulted in many rare and beautiful species being added to different groups in the hall, and by the increase in the nephrolepis family. Mr. Schmitt assured me that he had all the members of this prolific family save four or five. It was pretty dark and I really can not tell; there certainly were a great many nephrolepis and Mr. Schmitt is a man of unimpeachable integrity, so I am sure he has them all save four or five and that they are doing well.

There are two rare orchids in bloom, of which Mr. Schmitt is justly proud. One is Vanda Sanderiana, with five spikes; they have had it with ten, bearing soft blue flowers. The other is Cypripedium Gaudianum, a rare hybrid, showing some of the blood of Curtisii, one of its parents.

The entire main floor of Horticultural hall is now given up to plants, except the office of the landscape gardener.

POINSETTIAS



¶ Some especially well-grown stock. The large heads are particularly choice—beautiful, deep, velvety red. Per 100, $25.00 and $30.00; the larger ones $40.00, with a few at $50.00.

VALLEY:
Special .....$4.00 and $5.00 per 100
Extra ..... 3.00 per 100

BEAUTIES:
Special .....$12.00 per doz.
Fancy ..... 9.00 per doz.
Extra ..... 7 50 per doz.
First ..... 6.00 per doz.
Second ..... 4 00 per doz.

THE THREE KILLARNEYS and MARYLANDS, elegant stock:
Special ...$20.00 and $25.00 per 100
Fancy ..... 15.00 per 100
First ..... 10.00 per 100
Second ..... 8.00 per 100

BOXWOOD:
50-lb. cases $7.50

BRONZE MAHONIA:
$1.50 per 100; $12.50 per 1000.

Distributing Agents for the great new roses for 1912, **Double White Killarney** and **Killarney Queen (the Budlong Strain).**
Grafted .....$250.00 per 1000
Own Root..... 200.00 per 1000

RIBBONS AND SUPPLIES:
Many new patterns in exclusive Christmas ribbons. Write us for prices on these and on supplies.

SUNBURST:
Grafted—
$35.00 per 100; $300.00 per 1000
Own Root—
$30.00 per 100; $250.00 per 1000

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF PHILADELPHIA

PHILADELPHIA 1608-1620 Ludlow Street
NEW YORK 109 West 28th Street
WASHINGTON 1212 New York Avenue

Mention The Review when you write.

FOR CHRISTMAS

Everything in Season

If you do not receive our Weekly Price List, write for it.

Philadelphia Cut Flower Co., 1517 Sansom Street, Philadelphia, Pa.

OPEN UNTIL 8 P. M.

Mention The Review when you write.

Partitions, offices, storeroom, every wooden obstacle has disappeared, leaving the view uninterrupted from end to end.

Outside, the sunken garden is being planted with tulips; no small undertaking when its size and designs are considered. This method of planting the parterre, giving two crops in one season, has attracted favorable comment from visitors to the park and draws large crowds in the early spring, when the bulbs are in bloom.

Roelofs.

"A good many buds." The speaker, a strongly built man in the prime of life, was gazing over a broad expanse of Killarney rose plants under glass; a sea of buds in front of him, flanked by oncoming crops to the left and right; behind him an equally broad expanse of White Killarney and of Richmond, rejoicing in full health and vigor.

The speaker was Joseph Heacock, senator from Montgomery county in the legislative halls of the Keystone state. It is doubtful whether any grower has ever looked on as fine a house of Killarney. It is certain that no senator has ever done so; for a florist to become a senator is not an everyday occurrence. The people of Pennsylvania benefit by the sense of duty that places so freely at their disposal the sterling qualities that have made a successful florist.

This rose home is the 54x600 modern

Send for
MICHELL'S
WHOLESALE CATALOGUE OF
SEEDS, Etc.
MARKET ST. PHILA.

Mention The Review when you write.

structure of the Joseph Heacock Co. at Roelofs Station, near Trenton; it is so perfect in all its arrangements for light, heating and ventilating that it commands admiration from every visitor. The plants have been handled with care and skill. Every detail is so carefully watched by Robert Jameson, who has charge at Roelofs, that nothing

THE Florists' Supply House of America

MAIL Orders Will Receive Prompt Attention

CHRISTMAS SPECIALTIES

Porto Rican Mats have become a staple since we introduced this splendid article to the trade. We are the world's largest importers of these goods and can supply you with mats in cheerful Christmas red, all desired colors.

Chiffon Mats in all colors for covering pots or for use as window rugs and table covers for plant stands.

Accordion Plaited Crepe Paper comes 30 inches wide and 8 feet long. It can be effectively adjusted around plants or fern boxes and can be used as a doily for table decorations by forming a circle and standing a vase in center of same.

Single Crepe Paper Pot Covers with Bottom come in all colors and fit any size pot from 5 in. to 9 in. Just the thing for coverings, as they are very cheap and can be thrown away afterward.

Waterproof Crepe Paper in all colors; does not droop; you may sprinkle the plant and not have to re-cover the pot.

Waterproof Crepe Pot Covers are handy money and time savers.

Poinsettias. The kind that are all velvet, perfectly shaped, with the good red color. With foliage and without foliage.

Bon Ton Baby Ribbon or Ribbonzene is crinkled, and is quite effective for tying your cards on boxes. The spools contain 250 and 500 yards each. Red Ribbonzene is just what you need now.

Silk Fiber Ribbon is a strong ribbon, extensively used for around mats, paper pot covers, cut flower boxes. It has a true silk luster and makes a very rich bow.

Wood Fiber Chip Ribbon can be had in all colors. The red is most adaptable for bows on your Christmas baskets and hampers.

Florists' Tying Tape of the new kind, to tie up your many boxes. The best of its kind ever introduced; is surely worth a trial. Send for the Xmas red.

FOR ANYTHING that you may not find here we refer you to OUR SILENT SALESMAN, who will be happy to call upon you immediately on receipt of an invitation.

H. BAYERSDORFER & CO., 1129 Arch St., Philadelphia, Pa.

Mention The Review when you write.

is left undone when it ought to be done. The system of growing is that practiced by most of the first-class rosarians of the day, the flowering of an entire crop on a given number of plants at once. The Killarneys that have been coming from this place into the Philadelphia market give promise of being in the front rank this season; last season they were unsurpassed.

A New Art Basket.

Paul Berkowitz sent a young man upstairs expressly to get some new baskets that had particularly pleased him. "These are new art baskets," Mr. Berkowitz said. "I want you to notice their beautiful ivory finish. They are of fine rattan, ornamented with garlands, a new basket that is sure to attract attention." In reply to a question Mr. Berkowitz said that Mr. Bayersdorfer had imported these baskets from abroad. They are round, or nearly so, of moderate depth, with rather short handles, and are quaint and pleasing.

Various Notes.

Robert Craig Co. reports an excellent demand for Christmas plants, already ahead of last year—the record year. The supply is so large that they hope to satisfy late orders.

M. Rice & Co. report many night letter telegram orders arriving each morning last week. Their visitors include: Mr. Barker, Trenton; G. H. Hoskins, Reading; Mr. Schroyer, Allentown.

Charles F. Edgar has commenced work with Pennock Bros.

The annual meeting of the Germantown Horticultural Society was held December 11. The treasurer's report showed a satisfactory balance. The active membership is about 100, with fully as many members on the eleemosynary list. The following officers were reelected: Edwin C. Jellett, president; J. P. Willetts, Herman Burgen, Stewardson Brown, vice-presidents; George Redeles, secretary and treasurer. The secretary gave an interesting talk on house plants, in his usual happy vein.

The Henry A. Dreer store was decorated with some fine palms and ferns from the Riverton houses December 12.

BRONZE GALAX
For The Christmas Trade

The largest and most complete stock on the market.

Send us your holiday orders and you will not be disappointed.
Shipments will go forward promptly upon receipt of your order.



Galax, Green, 50c per 1000; $3.50 per case of 10,000.
alax, Bronze, 50c per 1000; $4.50 per case of 10,000.
Ferns, Fancy, 80c per 1000; $3.50 per case of 5000.
Green Leucothoe, regular lengths, $1.75 per 1000.
Green Leucothoe, 10 to 16-inch, $1.00 per 1000.
Bronze Leucothoe, 10 to 16-inch, $1.75 1000; regular lengths, $2.75 1000. Cash with order.



Wire us Elk Park, N. C.

J. H. Von CANON & COMPANY
Banners Elk, N. C.

Mention The Review when you write.

Sprays - - Ferns

NEW CROP, FRESH FROM THE PATCH



Fancy and Dagger Ferns, $1.00 per 1000.
Long Green Leucothoe Sprays, $2.50 per 1000.
Short Green Leucothoe Sprays, $1.25 per 1000.



Bronze Leucothoe Sprays, assorted lengths	$3.50 per 1000
Bronze Galax	.50 per 1000
Green Galax	.45 per 1000
Hemlock Sprays	1.50 per 1000
Rhododendron Sprays	2.00 per 1000
Mountain Laurel Sprays	1.50 per 1000

Discount on large orders. Eighteen years in the business. Send me your orders.

J. N. PRITCHARD, Elk Park, N. C.

Mention The Review when you write.

SOUTHERN WILD SMILAX AND DECORATIVE GREENS

CASH PRICE LIST—f. o. b. here.

Needle Pines, 2 to 4 ft., per doz., 80c; per 100, $3.50.
Best grade **Wild Smilax,** per case, 50 lbs., $1.75.
Best grade **Holly,** well berried, per 50-lb. case, $1.75.
Best grade **Holly** and **Smilax,** per ½ case, 90c.
Best grade **Magnolia** foliage, per case, $1.75; per ½ case, 90c.
Best grade **Magnolia** Leaves, green or bronze, $2.00 per case 50 lbs.
Best grade **Gray Moss,** per 15 lb. sack, $1.00.
These prices only good to Jan. 1st, 1911.
South's Quickest Shipper. Satisfaction guaranteed.

J. A. YATES, McWilliams, Ala.

With stock as good, not better, and prices as low, not lower, than other jobbers, I solicit your weekly order.

G. J. Walker, Dealer in Fancy and Dagger Ferns
Savoy Centre, Mass.

The installation of the new city officials brought forth many floral gifts from clubs and friends. Frances X.

METAIRIE RIDGE NURSERY CO., Ltd.
Store 141 Carondelet Street
NEW ORLEANS
Phone 3395 Main

New Orleans, La., Dec. 6, 1911.

Florists' Review Pub. Co.,
508 S. Dearborn St.,
Chicago, Ill.

Gentlemen:

Having heard so many complaints about florists having trouble with growing Elise Papworth Chrysanthemums, we wish to say we also had trouble until we learned that it wants to be planted early so they are strong plants when hot weather sets in, and if sprayed with Fungine three or four times a season, which keeps them healthy and in fine growing condition, this is also applicable to all other varieties, they make healthier plants and finer flowers.

Elise Papworth has proven to be a fine Commercial variety and better than Eaton, a pure white flower and better foliage.

Fungine we find indispensable for cuttings, we use it on our cutting bench all the time, especially for chrysanthemums, and thereby can use the same sand over and over again.

Thanking you in advance for your kind attention, we remain,

Yours truly,

METAIRIE RIDGE NURSERY CO., LTD.

Per Harry Papworth.

FUNGINE and APHINE are for sale by all Seed Stores and Supply Houses. The trade supplied by Aphine Mfg. Co., Madison, N. J.

Special Price on Boxwood Sprays

Clean, bright stock. Free from excess wood. Excellent material.

10 lb. lots, $1.50; 25 lb. lots, $3.50
Case of 50 lbs., $6.50; Case of 100 lbs., $12.50

C. E. CRITCHELL Wholesale Commission Florist 34-36 Third Ave. East **Cincinnati, Ohio.**

Mention The Review when you write

Murphy supplied the winning party's tribute to the city solicitor. In loose bunches 500 Beauties and 250 white chrysanthemums were used. It is said the most unique design at City hall was a fish sent to a member of the select council by the Lobster and Shrimp Country Club. M. J. Tommer made the body of white immortelles, with alyssum fins, mouth of red immortelles, Beauty eyes, and a base of white chrysanthemums. For a member of the executive committee a large pair of clogs filled with mums and roses was sent; quite appropriate for one "stepping into new shoes" in the political world.

Fire destroyed Theodore Edwards' flower store at Bridgeton early in the morning of December 11. No insurance.

H. Bayersdorfer & Co. have been working much overtime. The holiday season is certain to be the largest in the history of the house. Their visitors include George Stumpp, New York; Ernest Ashley, Allentown, Pa.; George Seidel, Hazelton; J. G. Shackmayer, of Z. D. Blackistone's, Washington, D. C.; H. J. Holmes, of Holmes Seed Co., Harrisburg, Pa.; Charles Seek, of C. Smith & Co., Baltimore; Miss Tille Held, Baltimore; George W. Berke, Atlantic City, N. J.

Edward Reid has some specially prepared holly wreaths that he is sending to his out-of-town customers.

Prospects are bright for a good Christmas, with likelihood of enough roses, carnations and other flowers to fill orders. Phil.

BOSTON.

The Market.

For a few days following Thanksgiving, prices held up well, owing to all growers being well cleaned up for the holiday, but later there was some little reaction. We have been favored with a week or more of almost cloudless skies and unusually high temperature, which has brought flowers on rather more rapidly than the market could properly digest them. Roses are in good supply and selling a little lower. Beauties continue to sell well. Other favorites are Mrs. Waddell, Mrs. Aaron Ward, Lady Hillingdon and Killarney. Some growers have Radiance and it takes well. For whites the demand is weak. Some chrysanthemums still come in, but they cut little figure, and people seem to have lost interest

Bouquet Green Wreathing



Extra well made and good medium weight.

Write us before buying. We are headquarters.

C. C. Pollworth Co., Milwaukee, Wis.

Mention The Review when you write

IN THE SWIM

I must be in the swim,
You might forget my name,
And say I was to blame,
If you do not get the best.
So write—I'll do the rest.

Christmas Trees, Spruce or Balsam from 1 foot to 30 feet, in any quantity, also **Baled Spruce, Balsam** and **Hemlock Boughs,** by bale or carload, **Laurel** and **Evergreen Festooning** and **Wreaths, Sphagnum Moss,** hardy cut fancy and dagger **Ferns.** Yearly contracts made for them.

Send for Price List. Order Christmas Trees now, so as to be served in time and not be left.

H. J. SMITH, Hinsdale, Mass.

Mention The Review when you write

Silliman's EVERY SPRIG BERRIED Brand of

MISTLETOE

Costs no more and where quality is considered is **worth more than double.**

Twentieth Year—Immediate Shipment
Write for Prices

A. B. SILLIMAN & CO.

Boone, Iowa

Mention The Review when you write.

HOLLY In Case Lots and Car Lots

It is now time to get our prices. Sit down and drop us a post card.

Also **Evergreen Wreathing** and **Wreaths** of all kinds.

GEO. MIDDENDORF CO.
73-75 West So. Water St., CHICAGO

"Nothing can improve on Nature."

1886



1911

GEO. W. CALDWELL
The Woodsman
The man who gave you the Wild Smilax

WILD SMILAX
AND
EVERYTHING
IN
CHRISTMAS GREENS

QUALITY THE BEST

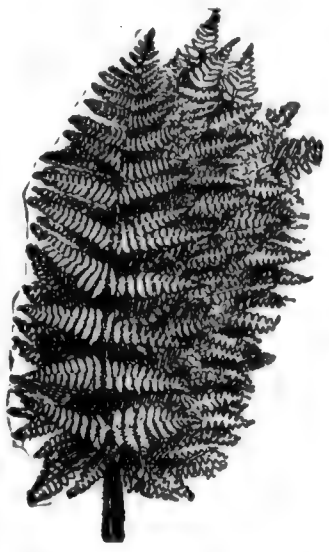
For prices see Double Page Spread in The Review for November 30 and December 7.

WIRE YOUR ORDERS
WE SHIP SAME DAY

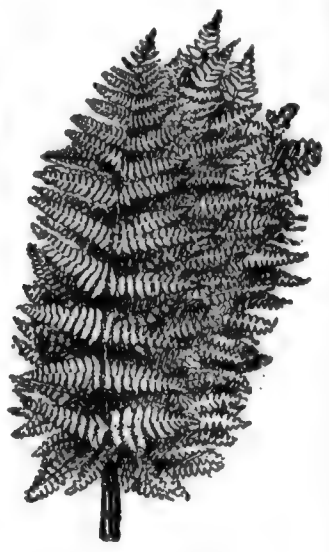
CALDWELL THE WOODSMAN CO.

EVERGREEN, ALA.

ESTABLISHED A QUARTER OF A CENTURY AGO



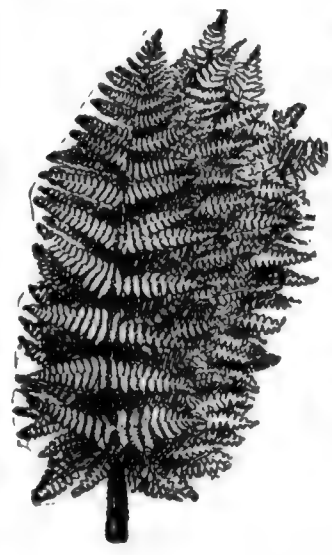
Fancy Ferns



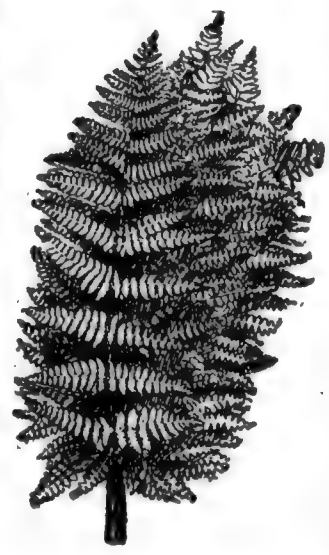
Finest stock in the country

$1.50 per 1000 Discount on large orders. **$1.50 per 1000**

Place your standing orders with us.
Full supply all the year around.



Imported green and bronze Magnolia Baskets, $2.25; 6 baskets	each,	$2.00
Galax Leaves, green and bronze	per 1000,	1.25
Green Leucothoe Sprays, extra fine	per 1000,	7.50
Boxwood	per lb., 20c; per case, 50 lbs.,	7.50
Wild Smilax	50-lb. case,	5.00
Sphagnum Moss	large bales,	1.50



Full supply Cut Flowers at all times.

Michigan Cut Flower Exchange

38-40 Broadway, Detroit, Mich.

Mention The Review when you write.

in them. It is doubtful if it pays to carry them after Thanksgiving. Violets are more plentiful, owing to the mild weather, and are a little lower. No further drop is likely, as growers will now hold their crops for Christmas. Carnations are of first-class quality, but do not sell so well as a week ago.

Lilies are ample for all calls. Valley is in oversupply. Some cut poinsettias are seen, at $2 to $3 per dozen. Larger bracts will, however, make double these prices later. Some excellent mignonette is now coming in and sells well, also snapdragons. Finer pansies were never seen in this market at any season of the year, and they clean up well. There is a superabundance of Paper Whites and Roman hyacinths, and a few yellow trumpet narcissi have appeared. Sweet peas are much more plentiful and cheaper. Stevia is in oversupply. Cattleyas continue scarce and are higher in price. Cypripediums are seen in great numbers. Some splendid Bouvardia Humboldtii is seen, the best making $1 per bunch. Asparagus is abundant and moving well.

Pot plant trade is brisk. Poinsettias, Lorraines, cyclamens, primulas, Otaheite oranges, ardisias, solanums, azaleas, palms and ferns are the leaders.

Various Notes.

H. H. Barrows & Son, of Whitman, have 10,000 plants of their new compact sport of Nephrolepis Whitmani. It is the finest variety in their collection and will soon be introduced. They are having heavy orders for nephrolepis and within a few days have shipped both to Canada and California.

WHOLESALE



Galax, Ferns, Leucothoe



—Ask for Price List—

The North Carolina Evergreen Co., - Banners Elk, N. C.

Mention The Review when you write.



FINE EVERGREENS

Ferns and Leucothoe Sprays a specialty.
Get our price list before ordering.

F. H. STINSON, Banners Elk, N. C.



Mention The Review when you write

Attention Buyers!

Laurel Festooning made as a specialty

Just what your order calls for, and nothing else, is what you get when placing your order with us.

Florists will find it to their advantage to anticipate their wants for the coming season, by placing their orders with us early. Sample leaves cheerfully sent upon application.

RIGHT WHERE THE LAUREL GROWS. TELL US YOUR WANTS.

THOS. A. ZETO, Newfield, N. J.

Mention The Review when you write.

FERNS and GALAX

New crop, fresh from the patch.

Fancy and Dagger Ferns, 70c per 1000.
Green and Bronze Galax, 50c per 1000.
Green Leucothoe Sprays, $2.00 per 1000; short, 12 to 16-in., $1.00 per 1000.
Discount on large orders. 10 years' experience. Cash with first order.

R. L. HODGES, Banners Elk, N. C.

We are now shipping

Southern Wild Smilax

Natural and Perpetuated

SHEET MOSSES

E. A. BEAVEN, - EVERGREEN, ALA.

Christmas Decorations

BOXWOOD IMMORTELLES PAPER POINSETTIAS

Headquarters for Southern Wild Smilax, $3.00, $4.00 and $5.00 per case

NEW FANCY FERNS

Per 100 .....20c Per 1000.....$1.50

GREEN AND BRONZE LEUCOTHOE SPRAYS

Per 100 .....50c Per 1000.....$5.00

BOXWOOD

Per lb. .....15c Per case of 50 lbs....$6.50
Per case of 100 lbs.....$12.50

BRONZE GALAX LEAVES

Per 1000.....$1.00 Per 10,000.....$7.50

GREEN GALAX LEAVES

Per 1000.....$1.00 Per 10,000.....$7.50

MEXICAN IVY

Per 100 .....75c Per 1000.....$6.00

GREEN SHEET MOSS

Per bundle .....$1.00 10 bundles $9.00
25 bundles.....$21.00

SPHAGNUM MOSS

Large bales.....$1.50 per bale
Special prices on large quantities

IMPORTED BRONZE AND GREEN MAGNOLIA LEAVES, $2.00 PER BASKET

FLORISTS' BRIGHT ANNEALED WIRE

Sold only in stones of 12 pounds each

No. 20	$0.70	No. 24	$0.80
No. 22	.75	No. 25	.85
No. 23	.80	No. 26	.90

PAPER BELLS

All sizes from 25 cents per doz. to 75 cents per doz.

RED MATS

20 cents each $2.00 per dozen

WATERPROOF CREPE PAPER

All colors, 20 cents per roll $2.00 per dozen

IMMORTELLES

$3.50 per dozen $25.00 per hundred

RED CHRISTMAS RIBBON

75 cents, 85 cents and $1.00 per bolt

RED CAPE FLOWERS

$1.50 per pound

RED JAPANESE CHENILLE

$1.00 per roll

RED RUSCUS

$1.00 per pound 50 pounds at 90 cents per lb.

IMPORTED RED RUSCUS WREATHS
(New This Year)

14-inch 50 cents each	$5.50 per dozen
16-inch 60 cents each	$6.50 per dozen

GREEN RUSCUS WREATHS

14-inch 35 cents each	$4.00 per dozen
16-inch 50 cents each	$5.50 per dozen

GREEN FRENCH MOSS WREATHS

10-inch $1.00 per dozen 12-inch $1.25 per dozen
14-inch $1.50 per dozen

Florists' Bright Annealed Cut Wire

Sold in boxes of 12 pounds each
Cut in 12 and 18 inch lengths

No. 20	$1.05	No. 23	$1.15
No. 22	1.10	No. 24	1.20

PAPER POINSETTIAS

75 cents per dozen $7.50 per gross

Crimped Wire Rings

For Making Holly Wreaths for Xmas

	Per 100		Per 100
10-inch	$0.70	16-inch	$1.15
12-inch	.80	18-inch	1.25
14-inch	1.00		

Special prices in 1000 lots

Everything in Florists' Supplies

Full Line of Cut Flowers and Other Greens at all Times.

C. E. CRITCHELL

Wholesale Commission Florist

34-36 E. Third Avenue, Cincinnati, Ohio

Two Long Distance Phones, Main 2162-2163.

Wholesale Price List of Holiday Specialties

HOLLY.
Fancy Eastern Stock; selected especially for our trade. No better holly from the woods; crates 2/2/4 feet.
Per crate $4.00
5 crates or more, per crate..... 3.50

WINTER BERRIES.
Very fine this season, used largely with boxwood for making the better grade of wreaths; crates 6/16/24 inches.
Per crate $2.00

LAUREL FESTOONING.
Good heavy strings made to our order; fine foliage.
Per 50 yds. $2.50
Per 100 yds. 4.00
500 yds. or more, per 100 yds..... 3.50

BOXWOOD SPRAYS.
Our stock is free of heavy wood, consequently there is no loss in weight; bright green foliage.
Per bunch $0.25
Per 5 bunches..... 1.00
Per 50-lb. crate..... 7.00
Per 100-lb. crate..... 13.50

GREEN SHEET MOSS.
Our ** brand.
Per bale $1.00
Per 10 bales 9.00

MAGNOLIA LEAVES.
Green and bronze.
Per hamper, domestic $1.75
Per hamper, imported 2.25

PREPARED OAK LEAVES.
Per hamper $2.25

GREEN LEUCOTHOE SPRAYS.
Per 100 ..... $0.50
Per 500 ..... 2.25
Per 1000 ..... 4.00

FANCY EASTERN FERNS.
Per 100 ..... $0.20
Per 1000 ..... 1.75

WILD SMILAX.
Per crate, 50 lbs..... $ 5.00
Per 5 crates..... 20.00

MISTLETOE.
Per lb. $0.20
Per 6 lbs. 1.00

GREEN MOSS WREATHS.
Per doz., 12-in..... $1.25
Per doz., 14-in..... 1.50

GALAX.
Green and bronze.
Per 1000 ..... $1.00

WM. MURPHY, Wholesale Commission Florist
309 Main Street, Telephone Main 980, Cincinnati, Ohio

Mention The Review when you write.

Long Needle Pines. Magnolia Foliage and Magnolia Leaves. Natural and Fadeless Green Sheet Moss. Southern Wild Smilax.

Give us a TRIAL order—the OTHER orders will take care of themselves. We guarantee to ship you the BEST Southern Decorative Evergreens on the market. Stock cut and shipped within twenty-four hours after your order is received. Write, wire or Phone.

CHAS. S. LEE & CO., - - Evergreen, Ala.

Mention The Review when you write

The several committees in charge of the schedule for the National Sweet Pea Society's exhibition in Boston in July, 1912, met at Horticultural hall December 9 and arranged the schedule, which is on a comprehensive scale. Many additional special prizes have come in during the last few days.

The new Horticultural Club held its regular monthly meeting December 6, at the Market House. M. A. Patten spoke on "Commercial Floriculture," a discussion following.

Peirce Bros., of Waltham, and F. J. Dolansky, of Lynn, are still cutting nice lots of cattleyas. Mr. Dolansky has a splendid lot of poinsettias in pans for the holidays.

The finest mignonette is from William R. Nicholson, of Framingham. No other grower seems able to equal Mr. Nicholson with mignonette.

Special electrics on the Boston and Worcester Street railway will carry members of the Gardeners' and Florists' Club to Framingham, December 16, leaving Park Square at noon. A large attendance is assured, as also at the club meeting on December 19, when the annual election of officers will take place.

William Sim and Thomas Roland are in New York this week in the interest of the coming national sweet pea exhibition.

H. R. Comley is showing Strelitzia regina, Dendrobium formosum giganteum, odontoglossums, violas in variety and a fine assortment of yellow roses.

P. & W. O. Jahn, of East Bridgewater, are shipping carnations such as Pink Delight, Enchantress, White Enchantress and Beacon of splendid quality to W. A. Hastings.

Perhaps the most noteworthy and striking carnation seen in Boston is Peter Fisher's sensational new variety,

EVERGREEN WREATHING

Medium Grade, wound from late picked Green

Per 100 yds., $3.50 1000 yds., $30.00

Special prices on larger quantities. Write or Wire

A. HENDERSON & CO.

30 E. Randolph St., : : CHICAGO.

Mention The Review when you write.

All Ready for Christmas


FANCY

WE HAVE selected some of our best stock for Christmas orders and can ship you the best Ferns to be had in the market.

Price List on application.

P. S.—We still have a few Xmas Trees left.


DAGGER

L. B. BRAGUE & SON, {Established 1867} **Hinsdale, Mass.**

Mention The Review when you write.

NOTICE TO ALL FLORISTS

Now ready to fill orders. Fancy and Dagger Ferns, 60c 1000. Leucothoe, $1.70 1000. Log Moss, 3c lb. Galax, 40c 1000. Bouquet green, 6c lb. Ivy and Laurel, 2c lb. Boxwood, 15c lb. Anything that you want I can furnish. Cash with order.

ELI SHELTON BROWNS, TENN.

Mention The Review when you write.

Fancy Holly, $3.00 case
Laurel Stems, $1.00 bag
Green Sheet Moss, $1.25 bag

EXPRESS SHIPMENTS

W. Z. PURNELL, Snow Hill, Md.

Mention The Review when you write.

Winterson's Grand Novelty

"Baby" Christmas Tree

"THE ONE BEST SELLER"

THESE miniature trees are almost perfect in shape, measuring from 24 inches to 36 inches high, with from 12 to 18 inches spread. The base is firmly attached to a round block of beautiful white birch, about 5 inches in diameter and 1 inch thick. From the time when we introduced this grand Christmas Novelty we have not been able to secure enough for the demand. This year, however, we have increased supply, but would advise early purchase for shipment as wanted.



SPRUCE

Price, each, 25c; dozen, $2.25; per 100, $15.00

Chicago Headquarters for **BOUQUET GREEN**—yes, we have it—"**WORTH WHILE**" **Holly, Evergreen Wreathing, Immortelles** and all **Christmas Decorative Material.**

Our Price List is yours for the asking

Winterson's Seed Store

166 N. Wabash Avenue, **Long Distance Phone, 6004 Central.** **CHICAGO**

Mention The Review when you write.

Surplus Fresh Stock

BULK LYCOPODIUM

The best price on the market

Also LAUREL WREATHING

BASH'S SEED STORE

141 N. Delaware St., INDIANAPOLIS, IND.

Mention The Review when you write.

CHRISTMAS GREENS

We have extra fine Roping in 20-yard rolls at 4, 5 and 6 cents per yard. Green Wreaths, 10-inch, $1.00; 12-inch, $1.25; 14-inch, $1.50; 16-inch, $2.00 per dozen. Green Moss Wreaths with Cape Flowers, 10-inch, $1.50; 12-inch, $2.00; 14-inch, $2.50; 16-inch, $3.00 per dozen. The newest thing out in Green and Bronze Oak and Magnolia Leaves in wreaths, 10-inch, 50 cents each; 12-inch, 75 cents; 14-inch, $1.00; 15-inch, $1.50. These are Wreaths that will keep for Cemetery Decorations all winter. We also offer green Blankets for grave coverings, 2x5 feet, $2.00; 6 feet, $3.00; 7 feet, $4.00 each. Boxwood Wreaths, 10-inch, 50 cents; 12-inch, 75 cents; 14-inch, $1.00; 16-inch, $1.50 each. These will measure from two to four inches more when made up.

Japanese Air Plants in Baskets and Canoes, $1.50, $2.00 and $2.50 per dozen.

GEO. A. KUHL **Pekin, Ill.**

Always mention the Florists' Review when writing advertisers.

FANCY OR DAGGER FERNS

$1.00 per 1000. Write for prices on large orders.

Galax, 75c per 1000; $6.50 per case of 10,000. **New Bronze** now ready, write for prices.



Tel. Office, New Salem, Mass. L. D. Phone Connection.

MILLINGTON, MASS.

Try our **Boxwood,** it's the finest that grows; no waste; 50-lb. case, $7.50.
Laurel Festooning, the best, 4c, 5c and 6c per yard.
The finest **Laurel Wreaths** made, $3.00 per dozen.
Branch Laurel, 35c for large bundle.
Sphagnum Moss, $4.00 per bale.
Bouquet Green, 8c per lb.
Southern Smilax, $5.00 per case of 50 lbs.
Green Moss, $1.25 per bbl.
Partridge Berries, 10c per bunch of 50 sprays.

A Special Lot of GROUND PINE, only $6.00 per 100 lbs. First come, first served.

CROWL FERN CO., : Millington, Mass.

Mention The Review when you write.

Boxwood Sprays

Free from excess wood. Special tree variety. Excellent material. Shipped from southern plantations.

Pittsburgh Cut Flower Co.

121 Seventh St., Pittsburgh, Pa.

Mention The Review when you write.

Southern Decorative Evergreens

50-lb., full weight, extra select case

WILD SMILAX, $1.75

Chattahoochee Floral Company,

Hatcher Station, Ga.

Mention The Review when you write.

ESTABLISHED 1898.

SMITH'S GALAX LEAVES

LEUCOTHOE SPRAYS

are Standard.

WM. C. SMITH

Marion, North Carolina

Ask for Smith's Galax and Leucothoe. Distributors in Boston, Providence, New York, Philadelphia, Baltimore, Washington, Pittsburgh, Cleveland, Detroit, Chicago, Milwaukee, St. Louis and Cincinnati.

Mention The Review when you write.

New Crop **SOUTHERN WILD SMILAX** **New Ready**

Louisville Floral Co., **P. O. Louisville, Ala.**

Telegraph Office, Clayton, Ala.

Mention The Review when you write.

The Cleveland Florists' Exchange

606 HURON ROAD, CLEVELAND, OHIO

Wholesale Commission Florists, Importers, Jobbers and Manufacturers of Florists' Supplies and Novelties

Send us your list for prices. All seasonable flowers. Consignments of good stock solicited.

Mention The Review when you write.

Gorgeous, handled by the Boston Rose Co. Mr. Fisher may introduce this next season.

Neal E. Boyle, of Malden, spent a happy Thanksgiving, Mrs. Boyle presenting him with twins November 29. All are doing well.

William C. Wood, of Quincy, one of our leading pansy specialists, is sending large daily shipments of these flowers to the Boston Flower Exchange. Mr. Wood devotes several houses to them.

Albert Roper, of Tewksbury is a noted carnationist, and as raiser of Fair Maid, Chester Roper, Bay State and other sorts has secured more than a local fame. Some of his flowers have realized as much as $8 per hundred during the last week.

L. E. Small, of Tewksbury, is having splendid success with White Wonder, Gloriosa and Scarlet Glow this season.

The Flower Growers' Sales Co. has hired the commodious store at 1 Park street, next to Boston Flower Exchange Market.

Joseph Fay, buyer for T. F. Galvin's stores, has been on the sick list two weeks, but is improving.

P. L. Carbone, in line with other progressive florists, is out with a splendid new auto delivery outfit.

The stork has of late been partial to the houses of the boys in the Flower Exchange. Now he has visited Everett and rejoicings are great.

The E. Sutermeister Estate, of Readville, was first in the market with Freesia Purity, December 11. They also had Trumpet Major narcissi the same day.

F. E. Palmer, of Brookline, will give a practical talk on "Planting by the Aid of Dynamite" at the club meeting December 19.

The Fottler, Fiske, Rawson Co. reports an almost complete clean-up on all bulbs.

W. N. Craig.

J. R. Shield, for the last sixteen years superintendent of the F. G. Crane estate, has resigned to go into business for himself, having bought a greenhouse establishment near Boston.

Arthur Griffin, of Woburn, has one of the neatest and most up-to-date florists' establishments in New England. His specialty is high grade carnations. He has a white sport from Pink Delight which is a wonderful bloomer. He grows Pink Delight superbly, also Beacon, White Enchantress, Enchantress and other leaders.

PROMPT RETURNS.

So many florists are waiting, each week, for the arrival of The Review so that they can send orders, that the returns to advertisers usually are prompt:

The Review surely does the work. I sent in the advertisement Tuesday evening and Friday received the paper with it in. By Sunday I had the orders that cleaned up my stock. How is that for quick work? I expect to have some more advertising soon for "the one paper everybody reads."—R. K. Stokesberry, Leetonia, O., December 11, 1911.

FLOWER GROWERS SALES CO.
INCORPORATED
BOSTON, MASS.
Direct from Grower to Dealer.

DIRECTORS
E. Allan Peirce — C. H. Holbrow
Louis J. Reuter — Frank Dolansky
J. Frank Edgar — Frank P. Putnam
Wm. Sim — A. A. Pembroke
Thos. Roland — Wm. Lenk
Wm. Jurgens — Wilfred Wheeler

NOTICE

We have moved our office and stock rooms to

1 A Park Street

Larger quarters and proximity to the market give us facilities for handling your business to better advantage.

Orders for all varieties of cut flowers and plants will receive our prompt attention.

Florists' Supplies of all kinds are handled for the convenience of the trade.

Write for Our Christmas Price List

Salesroom at BOSTON FLOWER EXCHANGE PARK STREET Telephone 3766 Haymarket

Office at 1A PARK STREET Telephone 3765 Haymarket

WIRED TOOTHPICKS
Manufactured by
W. J. COWEE, BERLIN, N. Y.
10,000.....$1.75 50,000.....$7.50
Sample Free. For sale by dealers.
Mention The Review when you write.

Superior Crimped Invisible Carnation Staple
For repairing split carnations. 1000 for 50 cents. Postpaid. Sample free. Special prices to jobbers.
WM. SCHLATTER & SON 422 Main St. Springfield, Mass.
Mention The Review when you write.

Plants Sell Better



when the ugly clay pots are hidden by the attractive and artistic
EVER-READY POT COVERS
Strong cardboard foundation. Best quality waterproof crepe paper, silk fiber ribbon ties at top and bottom. Firmly held with improved metal fastenings. Furnished in four colors and many sizes. Write for samples and price list today.
EVER-READY FLOWER POT COVER CO.
146 Hughes Ave., Buffalo, N. Y.
Mention The Review when you write



SPLIT CARNATIONS
Quickly, easily and cheaply mended. No tools required.
Pillsbury Carnation Staple
Patented 1908.
2000 for $1.00 postpaid.
I. L. PILLSBURY
GALESBURG, ILL.

Rome, N. Y.—E. J. Byam has again taken possession of the Elm street greenhouses, which he formerly conducted for several years.

Fort Madison, Ia.—A new apparatus for the extraction and distribution of nicotine has been invented and patented by Karl Boll. It is said to be remarkably simple and durable in construction, and effective in operation.

Always mention the Florists' Review when writing advertisers.

Bloomsburg, Pa.—Sheriff William P. Zehner, who since August, 1910, has been the owner of the greenhouses on Light Street road, formerly the property of Davis Bros., has entered into an agreement with William Allers, formerly of Danville, for the sale of the place. The transfer, however, is not to take place until May 1 of next year. Mr. Allers is a rose specialist and at present is employed at the Dillon greenhouses.

Want and For Sale Department

Advertisements under this head 10 cents per line, cash with order from all who do not do other advertising. In sending remittance count seven words to the line.

Display advertisements in this department $1.00 for one inch space.

When answers are to be sent in our care, add 10 cents for forwarding.

Plant advertisements not admitted under this head.

SITUATION WANTED—As working foreman; German, single, age 36; life-time experience; A-1 reference. Address J. L., 909 Jessamine St., St. Paul, Minn.

SITUATION WANTED—By young man as assistant in roses and carnations; industrious and non-drinker; want steady place. Address No. 198, care Florists' Review, Chicago.

SITUATION WANTED—On private or commercial place; have experience in greenhouse work and also in landscape gardening; have had 30 years' experience. F. Pira, care Fred Pira, 1148 W. Madison St., Chicago.

SITUATION WANTED—By young man, 27 years old, competent to manage store or greenhouse or both; an A No. 1 designer and decorator; ready to accept position on or about May 1. Address No. 201, care Florists' Review, Chicago.

SITUATION WANTED—By experienced working foreman, grower of fine roses, carnations, mums, bulbs, general all-round stock, good designer; age 48; best references; good wages. Florist, 275 Magnolia St., Detroit, Michigan.

SITUATION WANTED—By young man, single, grower of cut flowers, bedding plants; faithful worker, non-drinker; want steady place; Missouri preferred; state particulars; all letters answered. Address No. 199, care Florists' Review, Chicago.

SITUATION WANTED—By A1 rose grower (teas, tea hybrids and Beauties) to take charge of large section or range; also competent in other cut flowers and choice pot plants; German, single, 27 years old; please state wages. Address No. 185, care Florists' Review, Chicago.

SITUATION WANTED—Private or commercial, general greenhouse and outside work, design work and decorating; capable of taking charge; good references; English, single, age 27, abstainer; state wages and full particulars in first letter. Address No. 200, care Florists' Review, Chicago.

SITUATION WANTED—By experienced all-round florist; have produced first-class goods, can handle help and have thorough knowledge of all work connected with the business; am a young man with energy, abstainer; can furnish references; willing to go east. Address Thomas Biornstad, Ontario, Oregon.

SITUATION WANTED—As working foreman; German, single; 34 years of age, 18 years' experience in growing roses, carnations, mums, ferns, palms and general stock; also good designer and propagator; can take full charge of any place; sober and honest; have the best of references; willing to invest small capital or work on shares; have eastern and California experience. Address F. H. Wilhelm, Gen. Delivery, Los Angeles, Cal.

HELP WANTED—Young greenhouse man for work in wholesale house. Address No. 197, care Florists' Review, Chicago.

HELP WANTED—A first-class florist, especially good in growing roses; wages, $70.00 per month; references. Simanton & Pence, Falls City, Neb.

HELP WANTED—A florist and designer; must be able to grow all kinds of stock; state whether married or single. John Corbett, Mt. Sterling, Ky.

HELP WANTED—A good all-round man, one who thoroughly understands growing and watering; married man preferred; reference. Address No. 192, care Florists' Review, Chicago.

HELP WANTED—Thoroughly competent florist and designer, must be able to grow all kinds of stock and to be strictly sober and honest. Address No. 181, care Florists' Review, Chicago.

HELP WANTED—Thoroughly all-round grower and designer; must be strictly sober and honest; roses, carnations, mums, bedding and bulbous stock; to one fully competent we have a good opening; state age, married or single, wages expected and copy of references, in first letter. Address No. 182, care Florists' Review, Chicago.

HELP WANTED—A young lady florist, good saleslady and designer, one who is capable of taking charge; references. Address No. 189, care Florists' Review, Chicago.

HELP WANTED—At once, good grower of roses, carnations, chrysanthemums and general potted plants for retail place. Address No. 194, care Florists' Review, Chicago.

HELP WANTED—Single middle-aged man, good grower, one who can produce stuff and make work show; sober; $30.00 per month and board and room or more. Anderson Greenhouses, Box 426, Missoula, Mont.

HELP WANTED—Young man, experienced in design work; need not wait on trade; good opening, in Chicago, for young man who is willing to work seriously. Address No. 190, care Florists' Review, Chicago.

WANTED—Small hot water boiler, capacity 700 to 900 ft. of radiation. T. S. Beckington, Belvidere, Illinois.

WANTED—Small retail place; eastern states; rent or buy; January 1st. Address No. 176, care Florists' Review, Chicago.

WANTED—A party to take a half interest in a thriving florist's business of eight or ten thousand dollars in a city of eight thousand, situated near Chicago; a rare opportunity. Address No. 180, care Florists' Review, Chicago.

WANTED PARTNER—Who has a thorough knowledge of the florist business, with some capital to invest in an established manufacturing business, to which will be added seeds and commission cut flowers; applicant to be experienced in traveling salesmanship, willing to work hard and long. Address No. 195, care Florists' Review, Chicago.

WANTED—Is there in or around New York an experienced florist with an established trade (store) who is looking for a good business man as partner? If so, I want to correspond with him; a man who intends to retire after some time preferred; am 33 years old; 4 languages; will put in a few hundred dollars and my services; will be ready about March or even before; everything strictly confidential. Address No. 193, care Florists' Review, Chicago.

FOR SALE—A Wilks boiler, 20x42-inch, used one season, $25.00; also 270 feet of 3-inch pipe (boiler flue), $15.00; a windmill (Chicago Aermotor), 10-foot wheel on a 40-foot galv. steel tower, used two seasons, $30.00. J. A. Wibe, Hillsboro, Ill.

FOR SALE—One-half interest, or will sell my whole equipment of three greenhouses, one dwelling, large cellar, work rooms and barn; heated by steam; we want a manager who is experienced and can take entire charge; city about 9000 pop.; the only growers here; have been established three years; good trade built up; a good opportunity for the right one. Overland Gardens, Laramie, Wyo.

FOR SALE—At a bargain; florist's display refrigerator case; eighteen feet long, eight feet high, about forty inches deep; made of Circassian walnut, with two ice chambers and three display chambers, lined with French plate glass mirrors; tile bottoms, and triple glass sliding doors; drawers under chambers for supplies; electric lights in each compartment; green marble base; used only three months; must be sold at once. Starkel Candy Co., Stillwater, Minn.

FOR SALE—Well established florist business in town of 10,000, with good resort trade; 9,000 ft. of glass in two modern King Construction Co. houses; Kroeschell hot water boiler; well stocked for winter and in good shape; we operate a store in a good location downtown, which we will rent if desired; greenhouse plant, with lease on land, $5,000; will also sell residence and land, if desired; write for details and a photo of plant, or call and investigate for yourself. The Flower Shop, Chas. S. Dutton, 24 W. 8th St., Holland, Mich.

FOR SALE—A live established florist business; investigate this fine opportunity. Address No. 174, care Florists' Review, Chicago.

FOR SALE—3½-inch flues at 5c per foot, 2¾-inch flues at 4c per foot; cleaned. I. G. Stahl, Florist, 2534 E. 91st St., Chicago.

FOR SALE—My Seedling Transplanter; with it you can set in 5000 plants per day; send for circular. Albert A. Sawyer, Forest Park, Ill.

FOR SALE—A good live business and stock in an up-to-date lively factory town of 6000; will lease modern residence, greenhouses and land for a term of years; only those who mean business need to reply; southern Michigan. Address No. 134, care Florists' Review, Chicago.

FOR SALE—2 greenhouses, 6000 ft. glass, 12 acres land, 7-room dwelling; all inside city limits, pop. 6000; all in good repair and planted for winter trade; no competition, good retail trade; price $7500, ⅓ cash. For particulars address Willmar Greenhouse, Willmar, Minn.

FOR SALE—The long established florist business of John E. Haines, Bethlehem, Pa., recently deceased; 24,000 feet of glass; the business is now successfully and profitably conducted by his executor, but must be sold to carry out the provisions of his will. L. F. Leibfried, Executor, Estate of John E. Haines, dec., Bethlehem, Pa.

Cash For Your Property or Business. I bring buyer and seller together, no matter where located. If you want to buy or sell, address FRANK P. CLEVELAND, 2760 Adams Express Building, Chicago, Ill.

Situation Wanted

By sober young man, 26; experienced in growing roses, carnations and general line of cut flowers and plants; capable of taking charge of section, northwes preferred; state wages. Address No. 196, care Florists' Review, Chicago.

Nursery for Sale

The old, well-established "Oak Grove Nursery," for years conducted by William B. Reed at Chambersburg, Pa. Seven greenhouses 18x130 ft. each, steam-heated, with about 20,000 2 and 3-yr.-old roses. Inquire of

JOHN M. McDOWELL, Executor
Chambersburg, Pa.

BARGAINS in Return Steam Traps, Reducing Valves, Blow-Off Valves, Water Circulators

Robt. Ross Jones
HARRISBURG, PA.

SITUATION WANTED

AS HEAD GARDENER

on a rich country estate, for railroad company or cemetery, by a life-experienced gardener and florist; 35 years, married; first-class reference; open for engagement January 1. Address

No. 191, care Florists' Review, Chicago



This Beautiful Place for Sale

—consisting of 12 greenhouses, 30,000 square feet of glass, office 26 feet square, 1½ stories, nine-room dwelling, heated by steam; electric lights, gas; houses all planted, with 15,000 carnations, 10,000 roses, 6000 chrysanthemums—new stock. Write for particulars. Will make price right.

W. C. WALTER, 482 Josephine Street, DENVER, COL.

Vegetable Forcing.

LETTUCE ROT.

We would like to ask about lettuce rot, and whether there is any remedy for it. Frequently, after setting out a bed of lettuce, a plant rots here and there. By removing the affected plant at once, and applying air-slaked lime, with a little sulphur in it, on the soil from which the plant was removed, the disease seems to be checked. But when it attacks a bed that is half grown or older, it seems impossible to do anything with it, and sometimes we lose half the bed. G. & S.

Lettuce rot can often be avoided by taking off an inch of the top soil and putting back the same quantity of good, clean, new soil. If the plants are kept watered too much, so that the top soil is always wet, this condition is pretty sure to bring on the disease called lettuce rot. Give plenty of ventilation and keep the soil cultivated. F. R.

SNAILS AND MOLES.

Will you please tell us what we can do to get rid of snails in our greenhouse soil? They eat the young lettuce plants and do a great deal of damage. We are troubled also with moles, which rake up the ground and eat the roots. We have smilax, asparagus and other plants in a bed on the ground. H. H.

The snails can be caught by taking large lettuce leaves and laying them around on the beds. The slugs will eat on them and stay there, as they can hide under them after daylight. They should be collected each morning and more leaves should be laid in place before evening. They work mostly at night, but sometimes on cloudy days. The slugs can be poisoned by hollowing out half potatoes, putting a little Paris green inside them and laying them around.

The moles can be caught easily in the regular mole traps. All supply dealers handle these traps. They have several prongs, which are driven down through the mole if it ventures along the route over which the trap is set. In raising the soil as it goes, it springs the trap. F. R.

WASHINGTON.

The Market.

The warm weather that has prevailed here during the last week has not been good for the trade. Stock is more plentiful, especially carnations and roses. The former are still bringing good prices, while the latter are not going so well. Mums are much in evidence, despite the lateness of the season. There is a scarcity of single violets. Double violets are going well. Valley is fine. Some beautiful rubrum lilies are on the market. Sweet peas are good and in demand. Poinsettias are ahead of time, so far as the demand goes. They will not be wanted much before the holidays. The first azaleas are being shown, preparatory to the Christmas trade. Mme. Petrick is a favorite variety. Some nice stevia is seen.

Livingston's Superior Strains of

Forcing Radishes



are developed through careful selection by the best growers of France.

Seeds are grown from **transplanted** roots which are critically sorted by men who know types required for greenhouse growing. Uniform size and shape, brilliant color of skin, small tops and quick growth are the characteristics that make our forcing strains of radishes so profitable to the grower. Test the truth of our statements by sowing **now** sorts offered below:

Rosy Gem produces shapely roots of typical size and attractive appearance. It grows quickly to good size, is easily bunched and sells readily at fancy prices. **Oz., 5c; ¼-lb., 15c; lb., 60c, postpaid.**

Fireball or Non Plus Ultra is the earliest, rich scarlet forcing sort in cultivation. Earlier than Scarlet Globe, with very small foliage. (See illustration). **Oz., 5c; ¼-lb., 15c; lb., 60c, postpaid.**

Write now for Wholesale Catalogue—Ready Dec. 10th.

The Livingston Seed Co., Desk R, COLUMBUS, O.

CUT FLOWER AND DESIGN BOXES



All Sizes—Lowest Prices

WRITE US

C. C. Pollworth Co.

MILWAUKEE, WIS.

Mention The Review when you write.

Special to the Trade

We make a specialty of growing all kinds of Vegetable Plants for the Seed and Plant Trade, including the best varieties of Forcing Tomatoes, Asparagus, Cauliflower, Egg Plants, Peppers, Parsley, Lettuce, Cabbage, etc. Special prices made on large orders for spring delivery. Let us know your wants.

We have a fine lot of Tomato Plants, transplanted and potted: Comet, Lorillard, Bonny Best, Sutton's A-1, Sutton's Abundance and Winter Beauty, also Extra Early Erfurt and Snowball Cauliflower.

Fox-Hall Farm, R. F. D. No. 2, **Norfolk, Va.**

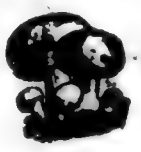
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BEST FRENCH SEED.

Radish, Scarlet Globe; Self-Blanching Celery; Lettuce, Improved Big Boston (quality extra), Black Seed Big Boston, Beaulieu's Forcing, 45 head fill up a barrel; Beaulieu's Globe White Tipped Forcing (½ pink, ½ white) new radish; White Tipped Scarlet turnip; Beet, Detroit, Crosby; long smooth parsley, large rooted, extra; Spinach, Savoy, Viroday, Triumph, etc.; Endive, Curled and Escarolle. All this has been selected by myself and is the quality as used by the market gardeners of Paris. Send for prices.

BEAULIEU,
Woodhaven, Borough of Queens, New York.

Mention The Review when you write.



Watch for our Trade Mark stamped on every brick of Lambert's

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

P. C. Trade Mark. **American Spawn Co., St. Paul, Minn.**

Mention The Review when you write.

Various Notes.

The Washington Florists' Exchange reports a big business in boxwood.

Sidney Bayersdorfer and Martin Reukauf were among the visitors to the capital this week. H. C. H.

Pittsfield, Mass.—Michael Ronan has resigned his position at the greenhouses of F. S. Folwell and expects to take a position in Florida for the winter.

STANDARD MAIL TUBES

The safe and dependable way to send **plants** by mail or express.

Economical to use, and no "come backs."

They stand up under the hardest tests.

Send for samples.

Standard Mfg. Co.

Second and Vine Sts., PHILADELPHIA, PA.

Mention The Review when you write.

CUT FLOWER BOXES

and FIBER SHIPPING CASES

It will pay you to get our samples and prices before ordering.

THE J. E. SMITH CO.

6-8-10-12 N. Central Ave., Baltimore, Md.

Mention The Review when you write.

Marine City, Mich.—A. W. Robbel has an especially fine lot of carnations and a big cut for Christmas.

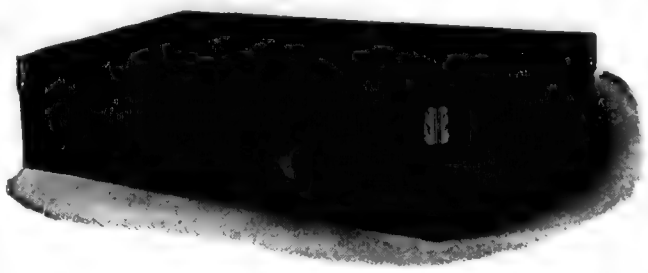


SEFTON FLORISTS' BOXES

CORRUGATED DESIGN STYLE AND FOLDING CUT FLOWER BOXES

Florists' success in shipping flowers depends to the greatest extent upon the point where their interest ceases in the sale of flowers. The progressive, prosperous florist retains his interest in a customer's order until it reaches destination, and for that reason he is careful to select the proper style and grade of box to insure safe delivery of his flowers.

Particular Florists are users of **Sefton Corrugated Fibreboard Boxes** for the shipment of Floral Designs as well as our superior line of **Folding Cut Flower Boxes.** They know from experience that Sefton Boxes combine high quality with low price and make neat, attractive packages which carry the flowers safely to destination. **Write for our Flower Box Price List.**



THE SEFTON MFG. COMPANY
1333 W. 35th ST., CHICAGO, ILL.
FACTORIES: CHICAGO, ILL. ANDERSON, IND. BROOKLYN, N. Y.



Order Boxes Now

for your Holiday Trade. They will pay for themselves in saving of time and material, and your shipments will be delivered to your customers in perfect condition.

Send for Information

Lord Plant Box Co.

524 Andrus Bldg., MINNEAPOLIS, MINN.

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BETTER BOXES

are our constant aim. Made to your special order—any size, shape or design, lined or unlined. Ask for particulars today.

Phone Dearborn 423

H. SCHULTZ & CO., Superior and Roberts Sts., **Chicago**

Mention The Review when you write.

CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

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H. & D. FLORISTS' BOX

Universally used for shipping cut flowers and designs. The dead-air cells form a perfect non-conductor of heat and cold, thus preserving contents much longer than ordinary wood box.

H. & D. Florists' Box can be used several times. Is much lighter than the ordinary box, thus saving in express charges.

Write for Catalogue
"HOW TO PACK IT"

THE HINDE & DAUCH PAPER CO., Sandusky, O.

Mention The Review when you write.

Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$1.90 per 100
No. 1	3x4½x16	1.75 per 100
No. 2	3x6x18	2.25 per 100
No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x25	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x20	6.25 per 100
No. 11	8½x5x30	8.25 per 100
No. 12	6x12x39 (telescope)	10.00 per 100
No. 13	5x10x30	5.50 per 100
No. 14	6x16x39	10.00 per 100

This list will cancel all former lists.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

LIVINGSTON SEED CO.
COLUMBUS, OHIO

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CLIMAX CLASSY CUT FLOWER BOXES

Five Grades—Oxford Gray, Mist Green, Nonpareil Green, White Carnation and our popular "Favorite Grade"—the latter a heavy, full telescope shipping box. All popular sizes in stock for immediate shipment. Before placing order, it will pay you to write for prices and samples. Address

THE CLIMAX MANUFACTURING CO.
200 Factory St., CASTORLAND, N. Y.

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ORDER N
CHRIS
CUT FLOWERS

We look forward to having for Christmas the largest and finest stock of C awaiting immediate shipment on your order every article needed for the Christmas as wanted when unpacked is to be returned at once. That's our guarantee of satis

Double White Killarney

This is a rose every grower will plant sooner or later. Order now and be among the leaders.

OWN ROOT—75c each, $6.00 per doz., 25 for $10.00, 50 for $16.00, 100 for $25.00, 250 for $60.00, 1000 for $200.00.

GRAFTED—75c each, $7.50 per doz., 25 for $12.50, 50 for $18.00, 100 for $30.00, 250 for $70.00, 1000 for $250.00, 2500 for $600.00, 5000 for $1100.00.

FANCY ROSES

Our growers tell us that with good weather for the week before Christmas we shall have not only a large supply, but the finest lot of Killarney, White Killarney and Richmond that it ever has been our good fortune to handle at Christmas. Send along your order, or write us about your needs. We can supply any grade you want, but shall be strongest on the medium and long grades.

BEAUTIES

Beauties have been scarce for several weeks, but our crops are now coming on and we expect to have our usual supply for Christmas. Fine, mostly long stems.

LILIES

Can furnish fancy Easter Lilies in quantity.

BULB STOCK

Paper Whites and Romans are here for all orders.

MIGNONETTE Don't forget the Sweet Mignonette; it's a favorite Christmas flower and we shall have a nice lot of stock for so early in the season.

RED BERRIES

We have arranged for a large supply of Red Berries for Christmas. It is first-class stock, $1.50 to $3.00 per case, according to size of case. Will send 10 cases, assorted sizes, for $15.00. **Don't let this pass.**

CHICAGO'S GREAT MAIL

DOUBLE RED TISSUE BELLS

Very well made, 7, 8, 9, 10 and 11-inch at 12c each.

RED RUSCUS

Just arrived—a big shipment—extra fine quality, **$1.25 per lb.** Special low price on large lots. Mail, telegraph or telephone your orders.

IMMORTELLES

We can supply at lowest market price—fine fresh stock.

IMMORTELLE BELLS

2-in., 4c each, $3.00 per 100; 2½-in., 5c each, $4.00 per 100; 3 in., 6c each, $5.00 per 100; 4-in., 12c each, $10.00 per 100.

CAPE FLOWERS, COLORED

Your assortment as to colors. 10-lb. lots at $1.25 per lb.

PREPARED ADIANTUM

Extra select quality Xmas Red Velvet. Small size sprays, $10.00 per 100; medium size sprays, $12.00 per 100; large size sprays, $15.00 per 100. Small size, Green, $7.00 per 100; small size, Ombre shaded, $9.00 per 100; medium size, Ombre shaded, $10.00 per 100; small size, in Violet, White or Lemon shade, $10.00 per 100.

The small size sprays average 22-in. in length and 10-in. wide; medium size sprays, 24-in. in length and 16-in. wide; large size sprays, 25-in. in length and 20-in. wide.

Velvet Poinsettias

Nature's color—the finest we ever have seen.

Extra large.....$2.00 doz.; $18.00 gross
Medium..... 1.75 doz.; 16.50 gross

Wire Rings

For holly wreaths, 10-inch, per 100, 50c; 11-inch, 55c; 12-inch, 60c; 14-inch, 70c.

We manufacture everything in wire work.

STE

You need Stevia for practically every pensables at Christmas, and you know tha Stevia is fine and we have arranged for a

Christmas R

You cannot get through Christmas carry four specially fine lines that have Go over your stock now and order wid

No.		Pattern 1000	Pattern 2000
5,	Silk taffeta.....	$0.35	$0.40
7,	"	.40	.55
9,	"	.50	.75
12,	"	.65	.85
16,	"	.75	.95
22,	"	.85	1.05
40,	"	.95	1.25
60,	"	1.20	1.55
80,	"	1.40	1.70
100,	"	1.50	1.75

None of these can be equaled at in each, there is a complete range of use these to the exclusion of all other

CHRISTMAS BASKETS

We an you have enough to carry you through th for an assortment. We ship at once.

JAPANESE NOVELTY BA

in, so late we must make **you** a bargai t but the finest we ever have seen. A va ie **assortment intended to sell for $10.00.** Retur

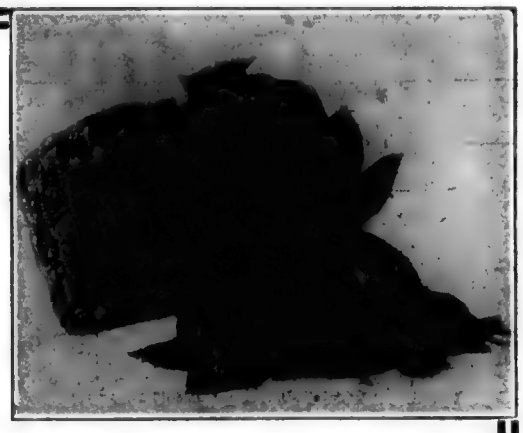
Wire Your Late Orders—We Can Ship

A. L. Ra

Everything for Florists,

L. D. Phone, Ce
Private Exchange all

OW FOR
TMAS
AND SUPPLIES



Flowers in the history of our house, and in our Supply Department we have de. On mail or telegraph orders for Florists' Supplies, any article not found action.

Magnolia Leaves

For a number of years we have been getting these from the foremost European concern in this line. Finest in the world. Uniform color and appearance. Will keep indefinitely. Brown or green, per hamper, $2.00.

Special prices on quantities.

EVIA

ry box you put up. It is one of the indis- hat you have seldom ordered enough. Our a big Christmas supply.

CARNATIONS

Year after year we handle more Carnations than any other house in this market and we shall have a big lot of fine stock for Christmas. It will be worth your while to get our quotations if you need a quantity. Our prices will interest you. And don't forget that our Carnation growers know how to put the shipping quality into the stock. Our Carnations will travel in good shape.

VIOLETS

The buyers who had Violets of us last Christmas are ordering more this time. We can furnish in quantity, finest stock, double or single.

VALLEY

We are headquarters for fancy Valley.

SWEET PEAS

These are finer and the supply larger than other years.

ORCHIDS We shall have a fair supply of Cattleyas for Christmas, the very finest quality. Other varieties are plentiful and we can supply any special variety wanted.

HOLLY, fancy Delaware, per case, $5.00; special prices on quantities.

Boxwood, per case, $7.50 **Wild Smilax,** per case, $5.00 **Fancy Mistletoe,** 25c per lb.

BOUQUET GREEN AND WREATHING

Write or wire for prices when ready to buy. The market fluctuates daily.

Red Ribbons

as without plenty of **Red** ribbon. We ve a perfect Holly Red, in every width. idths you are low on—order **enough.**

rn		Geraldine Brand	Our Leader Brand
40	Satin taffeta.....		$0.45
55	"		.65
75	"		.80
95	"		.95
15	" $1.00		1.20
35	" 1.20		1.35
75	" 1.35		1.60
95	" 1.60		1.80
50	" 1.80		2.25
75	" 1.95		2.50

t the prices. Besides perfect holly red f other colors. Many leading florists r lines.

ORDER SUPPLY HOUSE

RED FRIZ

For decorating (60 yds. to a ball). 60c per ball, $6.00 per dozen.

VELVET CREPE PAPER

Special price to introduce—$2.00 per dozen. Without doubt the richest looking crepe paper now being offered; 4-ply, all colors; two toned.

POT COVERS

Randall's Special—Crepe Paper. This is a made-up cover, ready for instant use. All you do is to spread the cover, set the pot in it and it springs up around the pot; not a moment lost. All colors. For 5-in. to 7-in. pots, $5.00 per 100; for 8-in. to 12-in. pots, $8.00 per 100.

PORTO RICAN MATS

Latest patterns. Choice selection of colors. Can be had in white, light and dark pink, Nile green, red, yellow, purple and lavender.

	Each	Doz.	100
Fine weave mat.....	$0.25	$2.00	$13.00
Coarse weave mat.....	.25	2.50	15.00
Wide weave mat.....	.30	3.00	22.00
Heavy Chiffon mat....	**.35**	**3.50**	**27.50**

CUT FLOWER AND VIOLET BOXES

We carry a complete line of boxes for all purposes and have built up a very large business in them by giving "a better box for the same money or the same box for less money." Look over your stock. We can ship on next train after we get your order.

We have an immense stock, everything new nd up-to-date. Prices from 12c up. See if he holidays. If not sure, write or wire us

SKETS This is a shipment that was due in September. They are just to move them. It is a popular priced line, iety of shapes. **No clear we offer for $7.50 an** rnable if they don't suit **you.**

on Next Train—Our Stock is Complete

ndall Co.

e ntral 1496
Departments

66 E. Randolph St., CHICAGO

Prepared Oak Sprays

Special, 50c per lb.

We have sold thousands of pounds of these—nothing ever proved a better seller. Wonderful help for decorators.

Beech Sprays

35c per lb.

For design work, special.

These are a rich brown, great for designs. Once tried, you will never be without them.

C. C. TREPEL,

LOESER'S, Brooklyn, New York
BLOOMINGDALE BROS., New York City
GIMBEL'S, New York City

LARGEST RETAIL PLANT DEALER IN THE UNITED STATES.

Cut Flowers of Every Variety
FOR THE HOLIDAYS

Lowest Retail Prices. Orders Solicited from any Florist in the United States or Canada.

Steamer and Theater Engagements receive prompt attention. Try me!

Mention The Review when you write.

ST. LOUIS.

The Market.

Last week was not a brisk one for the local retailers. There was quite a lot of funeral work, but aside from this little was done. The wholesalers say stock moved slowly some days, but there is no overstock of any one thing just now. The prices have kept up fairly well on all first grade stock and there has been a good shipping trade in cut stock and supplies.

Among the stock seen last week were some extra fancy Killarney, Richmond and Maryland roses. The Kirkwood growers are, as usual, sending in the bulk of the violets that come to this market. These were quite plentiful all through the week, the best Mazzuras bringing 75 cents, while Californias sell at 40 and 50 cents per hundred, and with clear, cold weather a great crop is expected for the Christmas demand.

Chrysanthemums are practically over, except for a few excellent blooms of Yellow Jones, Nonin, W. H. Chadwick, Yellow Chadwick and a few small Bonnaffon. Carnations are coming in fine, those from Kirkwood being in the majority in this market with the price up to 3 and 4 cents for fancy grades.

Paper Whites are plentiful, but Romans are rather scarce. There are a lot of fine lilies to be had and stevia sells well. Cut poinsettias sell at $3 per dozen.

Wild smilax had quite a call last week; in fact, all greens had a good demand.

Various Notes.

The Engelmann Botanical Club held its regular monthly meeting Monday evening, December 11. The feature of the meeting was a paper by W. W. Ahlweiler, of the Missouri Botanical Garden, on "Recent Developments in Our Knowledge of Stomata."

The Ladies' Home Circle held its last meeting for this year Wednesday, December 13. Many surprises were in store for those who attended.

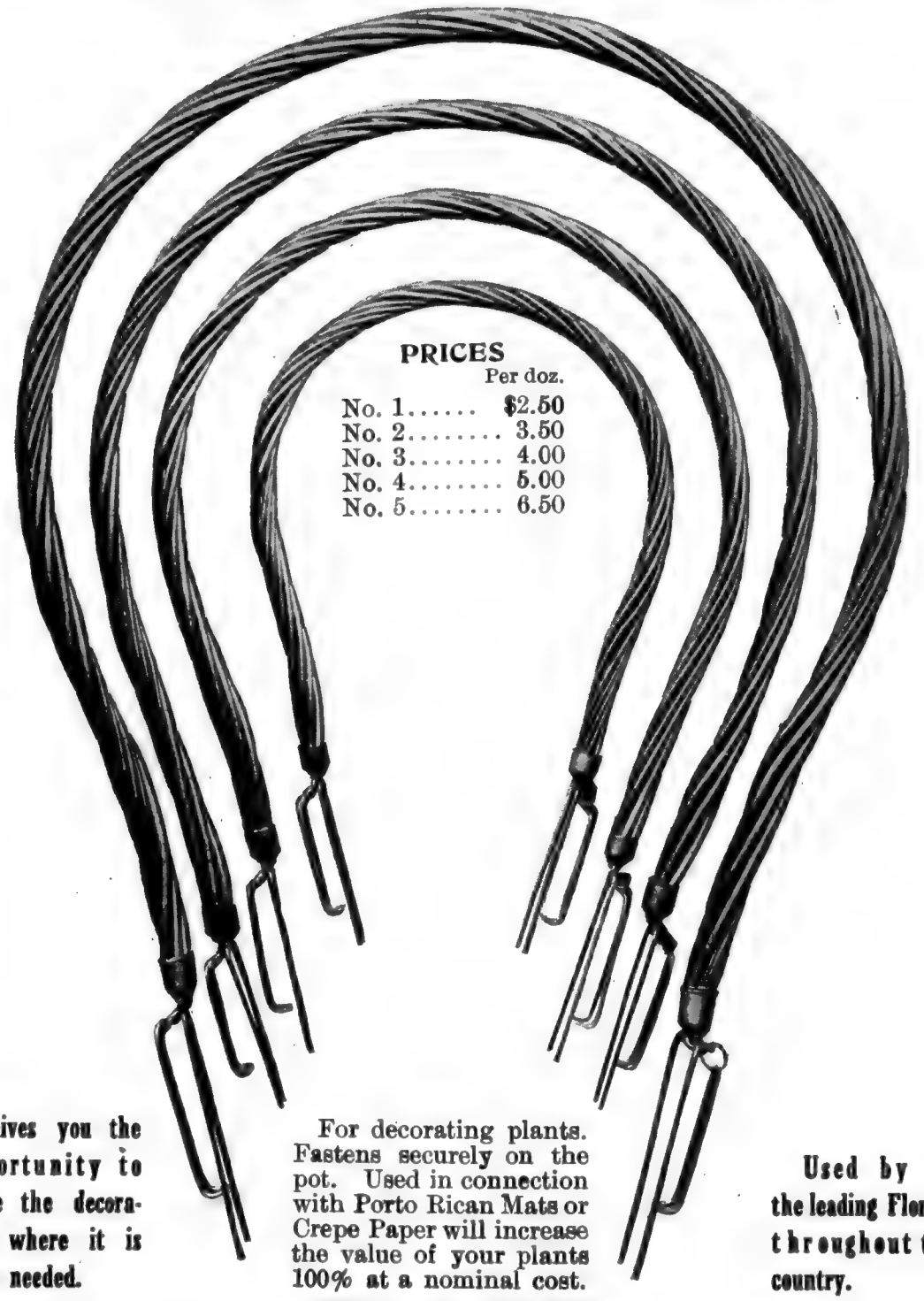
A. S. Halstead, proprietor of the St. Clair Floral Co., Belleville, Ill., met with a painful accident recently in falling over a box in one of the greenhouses. He was completely laid up for a week, but is out and about again with the aid of a cane and crutch.

Henry Emunds and E. W. Guy, of Belleville, spent a day here last week and report a good Thanksgiving business. Mr. Emunds is still cutting fine Chadwick and Nonin mums and expects

Finished in Gold

HART'S HANDY HANDLE

For Christmas Plant Decoration.



Gives you the opportunity to place the decoration where it is most needed.

For decorating plants. Fastens securely on the pot. Used in connection with Porto Rican Mats or Crepe Paper will increase the value of your plants 100% at a nominal cost.

Used by all the leading Florists throughout the country.

24 to 30 Stone St., **GEO. B. HART,** Rochester, N. Y.

Mention The Review when you write.

ALWAYS MENTION THE FLORISTS' REVIEW WHEN WRITING ADVERTISERS

OUR 62nd YEAR
1849—CHRISTMAS—1911

Holly

Mistletoe

Princess Pine and Laurel Roping

Pine and Holly Wreaths

An unusual display of Flowering and Decorative Plants for the Holidays on sale this week, commencing December 16th

Azaleas — Heather
Begonias — Poinsettias
Dracaenas — Ardisias
Primroses — Cyclamen
Araucarias — Orange Plants
Boston Ferns — Palms

Out-of-town orders for delivery to your friends in New York carefully and promptly filled at reasonable prices.

The Choicest of Fresh Cut Flowers for Christmas Delivery

Fancy Baskets of Growing Plants, Trimmed or Untrimmed

David Clarke's Sons

2139, 2141 Broadway, Cor. 75th Street, Telephones, 1552 and 1553 Columbus NEW YORK

Mention The Review when you write.

BUY YOUR FLORISTS' SUPPLIES FROM

L. BAUMANN & CO.

357-359 W. Chicago Ave., CHICAGO, ILL.

We have the largest and most complete stock, Sea Moss, or Japanese Air Plant; Natural prepared Ferns, Cycas Leaves, Magnolia Leaves, Cycas Wreaths, Magnolia Wreaths, Moss Wreaths, Metallic Designs and a big line of Novelties.

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Illinois Self-Watering Flower Boxes

are gaining popularity every day. Send for our booklet and learn about a proposition that every live florist should understand.

American Metal Box Co.
2005 Michigan Ave., - CHICAGO
Conard & Jones Co., West Grove, Pa.
Agents for New York, New Jersey and Penn.

Send your CHRISTMAS ORDERS for INDIANAPOLIS AND VICINITY



to LESTER F. BENSON, 334 Massachusetts Ave., Quick, Satisfactory, Stylish Delivery.

Mention The Review when you write.

to hold over a good crop of the latter for Christmas.

John Held says he has sold all his fine cyclamen plants and is holding them for delivery next week.

Fred C. Weber had some attractive window displays last week. His decorative plant show house and the one for blooming plants are filled with extra choice stock.

Henry Eirech, Jr., who is with his father out on Gravois avenue, broke his leg a week ago, but is now out on crutches. He has been appointed superintendent of the new St. Marcus cemetery, which is near his father's greenhouses.

Wm. Schray & Sons have a fine lot of poinsettias in pans made up especially for the local store trade.

This is moving week at Kuehn's and all hands are busy packing up. The new place is now in shape to receive the goods and Mr. Kuehn hoped that by the middle of the week he would be in shape to receive the trade, who are invited to visit and inspect the store.

W. C. Smith Wholesale Floral Co. has in print a handsome new descriptive catalogue, which is expected to go out this week. This company has just

M. A. Bowe

In the Heart of the City

(Opposite the Waldorf Astoria.)

12 West 33d St., NEW YORK CITY

TELEPHONE MADISON SQ. 6404

My Motto: "THE GOLDEN RULE."

Send your orders early for your **Christmas deliveries** to the **Steamers, Theaters** and **homes** of your friends in **New York City.**

We look out on a holiday season of wide prosperity. Never before has the love and use of flowers been so universal as now. No gift so touches the heart of your loved ones as a beautiful plant or bouquet of **Beauties, Orchids, Violets** or **Carnations.** We have everything the best that experts can grow. We have the **artists** in selection and **arrangement,** and we never disappoint a customer.

A Merry Christmas to All.

J. A. VALENTINE, Denver, Pres.
Other Directors: Ernst Wienhoeber, Philip Breitmeyer, A. B. Cartledge, W. F. Gude, George Asmus, Fred H. Meinhardt.
Mutual Discounts 20 per cent.
Provision for guaranteed accounts

W. J. PALMER, Buffalo, Vice-Pres.

Florists' Telegraph Delivery

(RETAILERS' SECTION—S. A. F. & O. H.)

W. L. ROCK, Kansas City, Treas.
Write for particulars to
IRWIN BERTERMANN, Secretary,
241 Massachusetts Avenue,
Indianapolis, Ind.

received a large shipment of florists' supplies.

Grimm & Gorly, Paris Floral Co., Otto Sander and Riessen Floral Co. have a fine lot of Christmas novelties that they are using to good effect in window displays.

C. Young & Sons Co. showed a fine window filled with poinsettias with beech leaves for a background.

Geo. H. Angermueller says he is having a good run on velvet poinsettias, waterproof crepe paper and birch bark novelties. He enjoyed quite a good shipping trade last week.

Henry Berning handled a nice lot of Beauties and carnations last week. A few good sized mums were also seen here.

Frank Weber, of the H. J. Weber & Sons Nursery Co., left Monday night for Kansas City to attend a meeting of the executive committee of the Western Nurserymen's Association. About January 1 he will leave for an extended eastern trip, his last stop being at Boston, where the next meeting of the American Association of Nurserymen will be held in June.

J. J. B.

FALL RIVER, MASS.

At a regular meeting of the Fall River Florists' and Gardeners' Association, held in the Hudner building, the following officers were elected:

President—E. T. Lawton.
Vice-President—William Stafford.
Secretary—J. R. Pee.
Treasurer—J. Warburton.
Trustees—E. T. Lawton, C. Warburton, Paul de Nave.

After the election an interesting discussion was held on matters pertaining to floriculture.

New Castle, Ind.—Thomas Six, employed as a fireman at the greenhouses of P. J. Olinger, recently lost the forefinger of his right hand by allowing the hand to be caught in an engine that operates the stokers. He sued Mr. Olinger for $5,000 damages, but the jury, after being out only three minutes, returned a verdict in favor of the defendant.

Send Your Christmas Orders for Chicago to

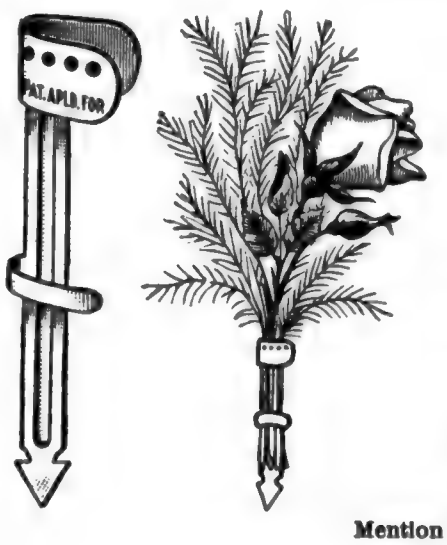
FLEISCHMAN,

Railway Exchange Bldg.



QUICK, SATISFACTORY DELIVERY.

Mention The Review when you write.



BEHRE'S IMPROVED MODEL

STEM-ER

Patent applied for.

A time-saver to the extent of lessening over 50% of the labor, together with the grace in which the leaves and flowers can be set by the firm hold the Stemmer has upon them, **making them an article of perfection.** They are now being used by leading designers.

Prices: From 1000 to 5000 at 75c per 1000; 10,000 lots at 70c; 25,000 lots and over at 65c. At your dealer's or direct from the factory.

E. H. BEHRE, Madison, N. J.

Mention The Review when you write.

Seven Pages of Retailers' Cards

This department for the cards of Leading Retail Florists—those florists who have the facilities for filling the orders sent them by other florists—has made possible the recent rapid development of this branch of the business, a branch of the trade now established for all time and so helpful that its volume will keep on increasing for many years.

Are you sending and receiving your share of these orders? You can send your share (and make 20 per cent profit without effort) if you let your customers know you can perform this service for them. To receive your share—well, The Review's department for Retailers' cards remains the one way of getting prompt action on the order in hand.

To be represented costs only 70 cents per week on a yearly order. This is for one-inch space. Other spaces in proportion.

Why not send your order today—**now**—before you forget it?

LOUISVILLE, KENTUCKY

JACOB SCHULZ, Flower Shop, 550 South Fourth Avenue, Greenhouses, 831 Cherokee Road.

Personal attention given to out-of-town orders for Louisville and surrounding territory. Member Florists' Telegraph Delivery

E. R. FRY, Florist
Rochester, N. Y.
I have constantly on hand a seasonable variety of fresh cut flowers, which I will deliver promptly in Rochester and adjoining towns.

KENOSHA, WIS.
and all points between
CHICAGO AND MILWAUKEE
Mail, wire or phone your orders to
P. N. OBERTIN, 567 Chicago St., KENOSHA, WIS.

Indianapolis, Ind.
241 Massachusetts Ave.
Bertermann Bros. Co.
LEADING FLORISTS
Members Florists' Telegraph Delivery Ass'n.

Lexington, Ky.
JOHN A. KELLER, Florist
High Grade Cut Flowers and Designing : : : :
All orders entrusted to us for Central Kentucky will have careful attention.

Lang Floral & Nursery Co., DALLAS, TEXAS
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

Prompt and personal attention given all orders.
MRS. J. T. HINCHLIFFE
FLORIST
504-506 Wisconsin St., Racine, Wis.

Special care taken with telegraph orders for
DETROIT AND VICINITY
L. Bemb Floral Co., Albert Pochelon, Prop., 153 Bates St.

Chas. W. Crouch, KNOXVILLE, TENN.
The Leading Florist of the South
All Orders Given Special Attention

GEO. C. BAKER, Florist
206 E. Park Ave., San Antonio, Texas

Mankato, Minn.
The Windmiller Co.
Will fill orders for Minnesota and the Dakotas.
Member Florists' Telegraph Delivery.

PITTSBURGH.

The Market.

Last week was a good one for the retailers—everybody was busy. Debutantes took up most of the attention, but several large funerals helped to keep everyone on the jump.

Among the wholesalers trade was up to their best expectations. Chrysanthemums have about disappeared, but will not be missed, as there is a nice long list of flowers to select from, which includes sweet peas, mignonette, baby primrose, white and yellow daisies, valley and Roman hyacinths for those who want something in small flowers, and Beauties, lilies, Killarney, White Killarney and Richmond roses with stems thirty-six inches long; Paper Whites and stevia for filling, with Cattleya Trianæ, Dendrobium formosum and oncidiums in the way of orchids, and plenty of violets. Everything is of the finest quality.

The growers have not been pleased with the kind of weather. It has been entirely too springlike. The last few days brought on some of the stock which, with the usual weather, would have made Christmas flowers. But there will be an abundance of flowers, just the same, for the holiday.

Various Notes.

Fred Kocher, superintendent of the plant of the Pittsburgh Cut Flower Co., says he saved several cars of coal last week, but thinks he paid for them with the immense cut of roses, which cold weather would have kept back for later cutting. However, he admits their prospects still are for the best holiday cut they ever have had.

A few of the carnation growers have just got to the end of their finest cut

BUTZ BROS.
Established 1851
New Castle, Pa.
Orders executed between Pittsburg and Erie and all western Pennsylvania points.

Canada's Florist
Dunlop's
96 Yonge St., TORONTO

"WE NEVER SLEEP"
IDLEWILD GREENHOUSES, **Memphis, Tenn.**
89 South Main Street
"Up-to-the-minute" Service and Execution. Every Flower in Season.

WILSON **BROOKLYN** New York
Telephone, 8800 Prospect

Louisville, Ky.
F. WALKER & CO., 634 Fourth Ave.

Pontiac, Ill. W. J. Miller & Son 412 E. Payson St.

All orders receive prompt and personal attention.
LOU HELEN DUNDORE, THE ROSERY
110 W. King St., LANCASTER, PA.

CORNELL and WELLS COLLEGES and
CENTRAL NEW YORK ORDERS
Dobbs & Son, Wholesale and Retail Florists Auburn, N.Y.

CLARK, FLORIST, SCRANTON, PA. 124 Washington Ave.
Member Florists' Telegraph Delivery. Orders for Northeastern Pennsylvania filled promptly. Usual discount. Both Phones No. 2454.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Bell Main 2809
Cuy. Central 1866

The Smith & Fetters Co.
LEADING FLORISTS
735 Euclid Ave., CLEVELAND

Samuel Murray
KANSAS CITY, MO.
913 Grand Ave.
All Orders given Prompt and Careful Attention
Member of the Florists' Telegraph Delivery.

Cable and Telegraph, Franzen. Phone Rav. 2876
CHICAGO
FRANZEN
1476-78 SUMMERDALE AVE.

TRENTON, N. J.
MARTIN C. RIBSAM
THE FLORIST
Messenger delivery to Princeton, New Brunswick, Bordentown, Hightstown, Lawrenceville and Lambertville, N. J.

Send Your **PHILADELPHIA** Orders to...
CHARLES HENRY FOX
BROAD AND WALNUT STREETS
Always on time

Rockford, Ill., H. W. Buckbee

S. B. STEWART
119 No. 16th St., OMAHA, NEB.
Wholesale and retail orders for CUT FLOWERS, FUNERAL DESIGNS, etc. by telegraph will receive prompt attention at
IRA G. MARVIN'S, Wilkes-Barre, Pa.

Benson's Flowers
Indianapolis, Ind. DELIVERED ANYWHERE

R. Strohmeier, Aberdeen, S. D.
Prompt Attention Given to Out-of-town Orders

Orders for **Charleston, W. Va.** are given prompt and careful attention by the
CHARLESTON CUT FLOWER AND PLANT CO.

Brockman's Flower Shop **Fort Smith, Ark.**
Leading florists in fastest growing city in the southwest.

ADVANCE FLORAL CO., Five Phones
C. M. Schaefer, Mgr.
Leading Florists
44 TO 52 ARCADE, - - **DAYTON, O.**

J. F. WILCOX & SONS, 521 Broadway, Council Bluffs, Iowa.
Wholesale and Retail
Largest Greenhouse Establishment West of Chicago.
Orders delivered anywhere, including Iowa, Nebraska, North Dakota and South Dakota. Free deliveries to Omaha.

MILLS THE FLORIST, Inc.
36 W. Forsyth Street
Jacksonville, Fla.
We reach all Florida and South Georgia points.

Send flower orders for delivery in
BOSTON AND ALL NEW ENGLAND POINTS
To THOS. F. GALVIN, Inc.
124 TREMONT ST. BOSTON

North Dakota IOWA All Orders Promptly and Properly Executed.



South Dakota MINN. 40,000 feet of Commercial Cut Flowers.
The Newburys, Mitchell, S. D.

Archias Floral Co SEDALIA, MISSOURI
Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

and will not be quite ready for Christmas. These are stock that was planted early. There is no doubt, however, that they will still be able to supply the demand.

The Florists' Club met Tuesday evening in the Dutch room of the Fort Pitt hotel and had a well attended session, with some good exhibits. E. D. Smith, of Adrian, Mich., was a guest of the club and gave an interesting talk on chrysanthemums, answering all questions, which were quite a few, as many of our growers took advantage of the opportunity to get the opinion of such an authority. An informal lunch was served. Next meeting will be nomination night. President Jones says it is up to the club to give the honors to another, and that the willing horse will not allow himself to be overworked further.

Karl Klinke, who sold out to Ray Dashbach a short time ago, will open a store at 931 Liberty avenue this week.

Ray Dashbach has purchased from James Gross his greenhouses on Larimer avenue. Mr. Gross is quitting the business and Mr. Dashbach will use the houses for decorative stock.

Wm. Loew has opened at his old stand on Liberty avenue, with a line of green goods for the holidays.

Lloyd Swarthout, of Washington place, has taken over his old stand and greenhouses and will hereafter devote his attention to the retail trade.

Established 1859.
A. Wiegand & Sons
Florists and Decorators
1610 to 1620 N. Illinois St., Indianapolis, Ind.
Indiana's oldest, largest and most complete retail establishment.

Oklahoma City, Okla.
THE STILES CO.
Best able to fill orders for delivery in Oklahoma
MEMBERS FLORISTS' TELEGRAPH DELIVERY

Tonseth Floral Co.
325 Morrison Street
GROWERS AND RETAILERS
Portland, Ore.

The Fernery **SCHULTHEIS, FLORIST**
Write, Phone or Wire 612 Linden St., SCRANTON, PA.

Orders for southern MINNESOTA and northern IOWA will be properly cared for by
A. N. KINSMAN, Austin, Minn.

INDIANA and ILLINOIS
Promptness and very Freshest Flowers.
N. B. & C. E. STOVER, 118 So. 6th St., TERRE HAUTE, IND.

Frey & Frey, 1338 O St. **Lincoln, Neb.**
Wholesale and Retail
100,000 sq. ft. of glass at your service. Trade discount

Minneapolis, Minn. LEADING FLORISTS
SWANSON'S, 618 Nicollet Ave.

DRUMM SEED and FLORAL CO.
507 Houston St., FORT WORTH, TEX.
Headquarters for Cut Flowers and Funeral Designs

J. J. BENEKE
1216 Olive St. ST. LOUIS, MO.

Baltimore, Md.
ALBERT G. FIEDLER & CO., 902 South Charles St.

I. N. KRAMER & SON
CEDAR RAPIDS, IA.

Colorado Springs, Colo.
Frank F. Crump Wholesale and Retail Florist
Member Florists' Telegraph Delivery.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

LOUISVILLE, KENTUCKY — M. D. REIMERS

New Location, "THE SEELBACK," and 223 S. FOURTH AVENUE

CHOICEST CUT FLOWERS

PERSONAL ATTENTION GIVEN TO OUT-OF-TOWN ORDERS

Orders for

BIRMINGHAM, ALA.

Well taken care of by

AMZI GODDEN SEED CO.

Established 1857.

Facilities for supplying everything in the line of CUT FLOWERS AND DESIGNS

BUFFALO

S. A. ANDERSON

440 MAIN STREET

Special Deliveries Niagara Falls and Lockport

Your orders for ATLANTIC CITY, N. J., will be carefully filled by

George H. Berke

1505 Pacific Ave.

Member Florists' Telegraph Delivery.

Write, Wire or Phone your orders to

YOUNG'S

1406 Olive St., ST. LOUIS, MO.

Regular discount allowed on all orders, either Plants or Cut Flowers.

Phones: Bell, Main 2306; Kinloch, Central 4981

SAN FRANCISCO

Podesta & Baldocchi

224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

The Cleveland Cut Flower Co.

CLEVELAND, OHIO

Will fill your orders for Designs or Cut Flowers in Northern Ohio.

MARION FLORAL CO., **Marion, Ind.**

Central Northern Points. Store: 406 South Adams

MRS. J. B. FREEMAN, LEADING FLORIST, Successor to Geo. A. Heinl **Toledo, Ohio**

All Orders Promptly Executed.

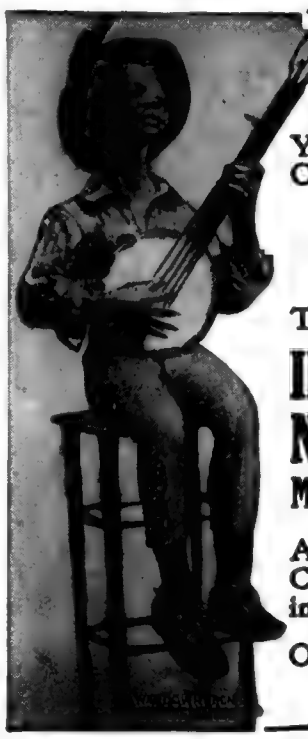
PROVIDENCE, R. I.

and all New England Points — T. J. JOHNSTON & CO. 171 Weybosset Street, Providence

---

BEYER FLORAL CO. SOUTH BEND, IND.

Daily deliveries to Notre Dame University and St. Mary's Academy.



SEND YOUR ORDERS FOR DIXIE LAND TO

IDLE HOUR NURSERIES

MACON, GEORGIA

All Choice CUT FLOWERS in Season

Orchids and Valley a specialty

MYER

L. D. Phone 5297 Plaza

609-11 Madison Ave., New York

John Bauscher, Jr., FREEPORT, ILL.

100,000 SQUARE FEET OF GLASS. At Your Service.

The retail stores are now getting out their Christmas novelties and with the promise of all the stock they need at reasonable prices they feel assured of having a good season.

W. H. Rosenbauer is opening a new retail store in Sewickley.

Yellow trumpet narcissi made their appearance December 11. Hoo-Hoo.

The E. C. Ludwig Baseball Club, of the north side, has won distinction for itself and for its manager by its remarkable success in the series of games played by it during the present year. The manager is E. C. Ludwig, of the E. C. Ludwig Floral Co. The club closed the season with a record of twenty-one games won and four lost, ertitling it to the championship of the north side. Its competitors included some of the best teams in the county.

PROVIDENCE.

The Market.

Following the Thanksgiving rush, which was one of the record breaking clean-ups for the trade in this city and vicinity, business has hardly been equal

---

We Guarantee Satisfaction

A. J. Bunyard FLORAL CO.

413 Madison Ave., Cor. 48th St., NEW YORK

Bellevue Avenue, Newport, R. I.

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand.

McKenna

MONTREAL

JOHN BREITMEYER'S SONS

Corner Broadway and Gratiot Ave.,

DETROIT, MICH.

FRED EHRET

WHOLESALE AND RETAIL FLORIST

1407 Fairmount Ave. and 702 N. Broad St.,

PHILADELPHIA

Orders for Philadelphia and surrounding country carefully filled on short notice.

Telephone 334 Main

S. Masur

236 Fulton St., Brooklyn, N. Y.

VASSAR COLLEGE

The Saltford Flower Shop, Poughkeepsie, N. Y.

WELLESLEY COLLEGE

Dana Hall, Walnut Hill, Rockridge Hall Schools

TAILBY, Wellesley, Mass.

Long Distance Tel., Wellesley 44-1, 44-2, 44 3.

TEXAS Dallas Floral Co.

DALLAS, TEX.

H. F. GREVE, Prop.

Rosemont Gardens

W. B. Paterson, Prop. 116 Dexter Ave., MONTGOMERY, ALA.

HESS & SWOBODA, FLORISTS

Telephones 1501 and L 1582

1415 Farnum Street OMAHA, NEB.

U. J. VIRGIN

838 Canal St. NEW ORLEANS, LA.

LEADING RETAIL FLORISTS

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DARDS,

N. E. Cor. 44th Street and Madison Avenue,
NEW YORK
Telephones
4025-4026, 38th Street,

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union — Member Florists' Telegraph Delivery. — Established 1874

WILSON DELIVERS EVERYWHERE
New York New Jersey Long Island
BROOKLYN
8 AND 5 GREENE AVENUE
Tel. No. 6800 Prospect

The Livingston Seed Co.
FLORISTS
COVER ALL OHIO POINTS
114 N. High Street, COLUMBUS, OHIO

PORTLAND, ORE.
Clarke Bros. FLORISTS
OAKLAND, CAL.

KALAMAZOO, MICH.
G. Van Bochove & Bro., The Leading Florists

LA CROSSE FLORAL CO. **La Crosse, Wis.**
will properly execute orders in Wisconsin or the northwest.

LINCOLN, NEB. CHAPIN BROS.
Retail Florists
Flowers for All Occasions, from Cradle to Grave

E. O. LOVELL GRAND FORKS
Will give prompt attention to all orders for delivery in North Dakota

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A. C. BROWN, SPRINGFIELD, ILLINOIS
LARGE GREENHOUSES

Boehringer Bros.
325 Park Avenue, **BAY CITY, MICH.**

TERRE HAUTE, IND.
JOHN G. HEINL & SON 129 South 7th Street

Mrs. M. E. Hollcraft
807 Kansas Ave., TOPEKA, KAN.

MICHIGAN Orders will be carefully cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS

Minneapolis Floral Co., WHOLESALE and RETAIL FLORISTS
MINNEAPOLIS, MINN.
Funeral designs on short notice. One of the largest establishments west of Chicago.

Send Orders for
Washington, D.C.
and vicinity to
Blackistone
Everything First-Class
14th and H Streets

Seattle, Washington
Hollywood Gardens
1534 SECOND AVENUE
MEMBERS FLORISTS' TELEGRAPH DELIVERY
Mention The Review when you write

Evanston and Chicago
JOHN WEILAND, EVANSTON, ILL.

Deliveries to Northwestern University and all North Shore Towns.
FISCHER BROS. 614 Dempster St. EVANSTON, ILL. L. D. Phone 2642

MONTREAL, We can fill all orders.
HALL & ROBINSON, 625 St. Catherine Street, West

Wholesale and Retail orders for Cut Flowers, Funeral Designs, etc., receive prompt attention.
CLEVELAND, OHIO
G. M. NAUMANN & SON

Colorado Springs, Colo.
Orders Carefully Executed
PIKES PEAK FLORAL CO.
Wholesale and Retail

H. W. FIELD, The College Florist
NORTHAMPTON, MASS.
Home of Smith College
Send your orders to him for prompt and careful attention.

DALLAS, TEXAS
The Texas Seed & Floral Company
Orders for cut flowers and designs solicited for delivery in any part of Texas.

Pittsburg, Kan.—Bartlesville, Ok.
THE STEINHAUSER FLORIST & NURSERY CO.
(Inc.)
Growers and Shippers—Wholesale and Retail
Out-of-town orders given special and personal attention. Give us a trial.

South and Southwest Texas and sailing from Galveston.
H. H. KUHLMANN, Florist
3507 Jackson St., S. W. Phone, Hadley 1926-2330
3526 Washington St., Opp. Glenwood Cemetery, S. W. Phone, Taylor 628-1061.
Up town, 913 Main St., S.W. Phone, Preston 7141.
HOUSTON, TEXAS

TRILLOW FLORIST Des Moines, Iowa
Will promptly execute all orders in this vicinity.

Aurora, Ill. **Jos. M. Smely**
and vicinity — Phones 147

Richmond, Ind.
FRED H. LEMON & CO.
Florists and Decorators. Send us your orders.

W. P. McFARLAND — L. C. McFARLAND
McFARLANDS, Florists
AKRON, OHIO

---

to normal. The Thanksgiving business far exceeded that of preceding years and was away ahead of the most sanguine expectations of even the most optimistic. Funeral work was the principal feature of last week's activities, although there have been a few receptions, dinners and other social functions.

Various Notes.

John Johnston, of Johnston Bros., was a visitor at Boston last week.

G. C. Kelley, of Waterman street, is just concluding the busiest outdoor year he has ever experienced.

The Flower Shop, 82 Westminster street, and The Rosery, 305 Weybosset street, were among the first places of business in this city to have exteriors trimmed for the Christmas holidays.

The vanguard of the Christmas green merchants made its appearance last week and left a trail of green roping behind.

A meeting of the directors of the Providence Wholesale Flower Market was held early last week, at which it was decided to hold a meeting of the directors the first Monday of each month.

Swan Peterson, of East Providence, is serving as a member of the grand jury in the Superior court of Providence county.

J. Jansen, of the Park Greenhouses,

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Alexander McConnell

611 Fifth Avenue, Windsor Arcade — **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Calls: 340 and 341 38th Street — Cable Address: ALEXCONNELL — Western Union Code

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, **Pittsburg, Pa.**

Largest Floral Establishment in America

Established 1874--Incorporated 1909

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

Winona and Rochester, Minn.

For prompt and particular attention send your orders for Southwestern Wisconsin and Southern Minnesota to

John Fuhlbruegge

Grower and Retailer

ST. PAUL, MINN.

The Largest Store in America.

Members Florists' Telegraph Delivery.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

PASADENA, CAL.

13 East Colorado St.

The Orchid

Also all Los Angeles orders promptly filled.

MRS. LORD'S FLOWER ROOM

112 W. 8th Ave., TOPEKA, KAN.

STATE NURSERY CO.

CUT FLOWERS

155,000 sq. ft. of glass at your service. HELENA, MONTANA

Freeport Floral Co.

Telegraphic orders promptly attended to. FREEPORT, ILL.

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order.

11 North Pearl St., - ALBANY, N. Y.

Rock's Flowers Kansas City

Wm. L. Rock Flower Co.

KANSAS CITY, MO.

1116 Walnut Street

Members Florists' Telegraph Delivery

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Max Schling

NEW YORK

No. 22 West 59th Street

Adjoining Plaza Hotel

W. S. L. FLORIST

Hippodrome Building, 44th STREET & SIXTH AVE.

TELEPHONE 714 BRYANT NEW YORK

STEAMER ORDERS A SPECIALTY.

CHICAGO

A. LANGE,

25 E. Madison Street

GALESBURG, ILL.

I. L. PILLSBURY—For Central Ill.

Member Florists' Telegraph Delivery Association.

is cutting some fine Beacon and white and pink Enchantress carnations.

H. W. Vose, of the Flower Shop, at Attleboro, has returned from a visit to Cromwell, Conn.

At the municipal election at Newport last week James McLeish was elected a member of the board of aldermen from the fifth ward; John W. Gibson, of Gibson Bros., was reëlected a member of the representative council from the second ward, and Bruce Butterton, gardener for E. J. Berwind, from the fourth ward.

J. Kopelman had several large floral pieces for a big funeral recently.

The cut flowers and decorations for two large social events on the east side were furnshed last week by Johnston Bros.

James Hackins, superintendent of the Moshassock cemetery at Central Falls, has returned from a two months' visit among relatives in England.

Enoch Anderson, for forty years an employee of what is now the J. A. Budlong & Son Co., at Auburn, died December 4, aged 67 years. He is survived

HUGO H. JAHN

710 Nostrand Avenue,

Tel. No. 1952 Bedford. BROOKLYN, N. Y.

Will deliver to Steamships, Theaters, anywhere within 20 miles of New York.

ARTISTIC WORK. PERSONAL ATTENTION.

Special care of your telegraph orders.

W. J. Palmer & Son

304 Main St., BUFFALO, N. Y.

Members Florists' Telegraph Ass'n

Orders by wire receive prompt and careful execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

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Flowers Delivered in City or State on Short Notice

F. H. WEBER

BOYLE AND MARYLAND AVENUES

Both Long Distance Phones

M. A. Bowe

IN HEART OF NEW YORK CITY

12 W. 33d Street, N. Y.

Opposite the Waldorf-Astoria.

Phone Madison Sq. 6404. Our Motto—The Golden Rule

George G. McClunie, Florist

187 Main St., HARTFORD, CONN.

Orders solicited for Connecticut and nearby points.

Tel. Charter 5591-2. Floral Designs a Specialty.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

CHICAGO — Send Your Orders to.. William J. SMYTH

Member Florists' Telegraph Delivery Association. Michigan Ave., at 31st St.

Established 1857.

Wittbold FLORIST

737-739 Buckingham Place

L. D. Phone 1112 Graceland — CHICAGO

Send us your retail orders. We have the best facilities in the city.

"WE STRIVE TO PLEASE"

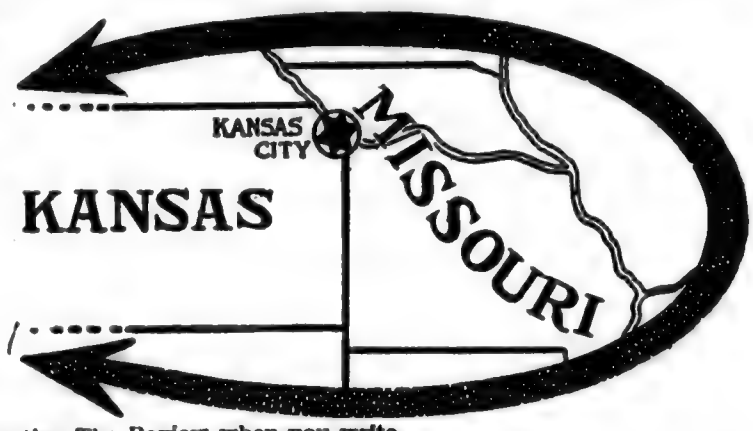
ALPHA FLORAL Co.

1105 WALNUT-PHONES since 1806

Kansas City, Missouri

The largest Florists in the Central West

A. ELBERFIELD, Proprietor



Mention The Review when you write.

Write, Wire or Phone

JOHN WALKER

11 S. PHELPS STREET

Youngstown, O.

Careful attention given to out-of-town orders. Trade discount allowed.

CLEVELAND

...THE...

J. M. GASSER COMPANY

EUCLID AVENUE

We ship all points in Ohio. The best of everything in Flowers.

BOSTON, MASS.

Penn, The Florist

"Penn, The Telegraph Florist"

Members of Florists' Telegraph Delivery Association.

37-43 BROMFIELD STREET

DENVER, COLO.

FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice.

Daniels & Fisher.

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver."

BALTIMORE, MD. And All Southern Points.

PIERCE & CO. 509 N. Charles Street, BALTIMORE, MD.

GEO. M. KELLOGG FLOWER & PLANT CO.

Wholesale and Retail Florists

1122 Grand Avenue, KANSAS CITY, MO.

All Kinds of CUT FLOWERS

in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

YOUNG & NUGENT

NEW YORK : 42 W. 28th St.

In the theater district. Exceptional facilities for delivering flowers on outgoing steamers. Your orders will receive prompt and careful attention. Wire, telephone or write us.

We are Prepared to Fill Orders for any Section of South Jersey at any time.

EDWARDS FLORAL HALL CO.

1700 Pacific Avenue,

Nurseries: Mediterranean and South Carolina Aves. ATLANTIC CITY, N. J.

H. F. A. LANGE

Worcester, Mass.

Delivers to all points in New England. 125,000 square feet of glass.

Baker Bros. Co. **Ft. Worth, Tex.**

Send Orders for the Southwest

Best Railroad Center in the State.

Send orders for delivery in **ROCHESTER, N.Y.**

and all points in Western New York to

H. E. WILSON, 88 East Main Street

MOBILE, ALABAMA

The Minge Floral Co.

Battle Creek, Mich. S. W. COGGAN, Leading Florist

11 West Main St. All cut flowers in season. Funeral designs or potted plants. Careful attention and prompt delivery guaranteed to any part of Michigan.

CAPITAL CITY GREENHOUSE CO.

MADISON, WIS.

Order of us. Best shipping service for Wisconsin

C. L. VAN METER, Florist **MONTICELLO, IA.**

Orders solicited to be delivered anywhere.

Specialist in Cut Flowers and Designs

SIOUX CITY, IOWA Supplies western Iowa, southern Minnesota, all of South Dakota, northeastern Nebraska.

J. C. RENNISON CO.

PEKIN ═══ PEORIA

All orders receive personal attention.

GEO. A. KUHL, Pekin, Ill.

Hutchinson, Kansas

JOHN STAMM All orders receive prompt and careful attention.

---

by his widow, two sons and two daughters.

William Jurgens, of Newport, is sending some excellent lily of the valley to the Flower Growers' Sales Co. at the Boston market. W. H. M.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
New York	New York	S'hampton	Dec. 15
Emp. of Irel'd.	Montreal	Liverpool	Dec. 15
Mauretania	New York	Liverpool	Dec. 16
Cameronia	New York	Glasgow	Dec. 16
Minnesota	Seattle	Hongkong	Dec. 16
Pannonia	New York	Naples	Dec. 16
Siberia	San Fr'sco	Hongkong	Dec. 19
Awa Maru	Seattle	Hongkong	Dec. 19
Laurentic	New York	Liverpool	Dec. 20
Tagus	New York	Bermuda	Dec. 20
La Provence	New York	Havre	Dec. 21
California	New York	Glasgow	Dec. 23
Merion	Philadelphia	Liverpool	Dec. 23
Orotava	New York	Cuba	Dec. 23
Lusitania	New York	Liverpool	Dec. 27
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Saxonia	Boston	Liverpool	Dec. 28
Olympic	New York	S'hampton	Dec. 30
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Campania	New York	Liverpool	Jan. 3
Manchuria	San Fr'sco	Hongkong	Jan. 3
Cecilie	New York	Bremen	Jan. 4
Hamburg	New York	Genoa	Jan. 4
Caledonia	New York	Glasgow	Jan. 6
Dominion	Philadelphia	Liverpool	Jan. 6
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LEADING-RETAIL FLORISTS

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S. J. REUTER & SON, Inc.
NEW LONDON, CONN.
The only flower store in the city. Orders for any part of Connecticut or Rhode Island will receive prompt and careful attention.

1874 Jno. V. Phillips 1911
WILLIAM A. PHILLIPS, Manager
872 Fulton St. Tel. 319 Main Brooklyn, N. Y.
Careful attention, personal selection and prompt delivery guaranteed to any part of New York, Long Island and New Jersey. Thirty-six years' experience. Reliability assured.

Coombs LEADING FLORIST Hartford, Conn.
Orders solicited for all parts of Connecticut.

The Rosery
..FLORISTS..
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ORDERS TAKEN FOR DELIVERY ANYWHERE BETWEEN PORT ARTHUR AND THE COAST.

C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice
Trade discounts. First-class stock.

David Clarke's Sons
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Tel. 1552, 1553 Columbus
NEW YORK CITY
Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

The Park Floral Co.
J. A. VALENTINE, Pres.
Member Florists' Telegraph Delivery.
DENVER, - COLORADO

C. C. POLLWORTH CO.
Wholesale Florists
MILWAUKEE, WIS.
Will Take Proper Care of Your Orders in WISCONSIN

ST. PAUL, MINN.
Order your flowers for delivery in this section from the leading Florists of the Northwest.
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ST. PAUL, MINN.

GUDE BROS. CO. FLORISTS 1214 F ST. N.W. WASHINGTON D.C.
WASHINGTON, D. C.
GUDE'S
Member Florists' Telegraph Delivery.

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BOSTON.

Hatcher
Leading Florist
AMSTERDAM, N. Y.
SCHENECTADY, N. Y.
Estab. 1877

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EDWARD SCEERY—PATERSON and PASSAIC

German Stock Seeds

A GRAND SPECIALTY

Price list on application

PAUL TEICHER, Striegau, Germany

Oldest Special House

Mention The Review when you write

NEW SEEDS FROM SPAIN

Bermuda Onion Seeds, Belalcazar Melon, the longest keeping variety. "Tomato Paradise," which will not blister in the summer, and other good seeds. Inquiries solicited.

FEDERICO C. VARELA

Postage to Spain 5c. **TENERIFFE (Canary Islands)**

Mention The Review when you write.

J. HASSLACH

SEED GROWER

St. Remy de Provence, France

has issued his Seed Catalogue for Specialties in first-class Flower and Garden Seeds.

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Leonard H. Vaughan, Chicago; First VicePres., M. H. Duryea, New York City; Sec'y and Treas., C. E. Kendel, Cleveland, O.

LAVERNE F. JONES, formerly proprietor of the Jones Seed Store, at Grand Rapids, Mich., has been adjudged a bankrupt on his own petition. His liabilities are placed at about $11,000, with no assets.

CONGRESSMAN JAMES R. MANN has again introduced his pure seed bill and it has been referred to the Committee on Interstate and Foreign Commerce, of which Mr. Mann is ranking member, but no longer chairman. In his campaign for re-election, he asserted his intention of urging the bill for passage, but his influence as a member of the minority, though its leader, generally is figured as not being what it was in the last Congress.

NOTICE has been given that "the United States Department of Agriculture desires quotations for furnishing standard varieties of vegetable and flower seed from surplus stocks or under growing contract for the 1912-1913 Congressional seed distribution. Approximately 1,200,000 pounds of vegetable and 50,000 pounds of flower seed will be required. Bids will be opened by the Board of Awards at 2 p. m., January 9, 1912. Copies of specifications can be obtained from the office of seed distribution, Bureau of Plant Industry, Department of Agriculture, Washington, D. C."

THE first general seed catalogue for 1912 to reach The Review was that of Livingston Seed Co., Columbus, O. It was in the mail of December 9, and was accompanied by the firm's market gardeners' list. This is three years in succession that the Livingston general catalogue has been the first in the file, but this year it was only one business day ahead of the 152-page book of Arthur T. Boddington, New York, which came December 11, and later that day the annual of the Ebbert Seed Co., Rocky Ford, Colo., arrived from the printers, the Regan Printing House, Chicago.

—TO THE TRADE—

HENRY METTE, Quedlinburg, Germany

(ESTABLISHED IN 1787)

Grower and Exporter on the very largest scale of all

CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼ oz.; 75c per 1-16 oz. Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own vast grounds,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

Mention The Review when you write.

—PERFECT PLANT FOODS—

THOMSON'S Vine Plant and Vegetable MANURE

Unrivaled for vines, tomatoes, cucumbers, all flowering, foliage and fruit bearing plants; vegetables, lawns, etc. Has stood the test of 30 years. The result of many years of practical experience.

Sold by Leading American Seedsmen.

Also Thomson's Special Chrysanthemum and Topdressing Manure. An Excellent Stimulant.

Freight paid on quantities; liberal terms to retailers. Write for our special offer to the American trade, agents' circulars, pamphlets, etc., to sole makers.

Also Exporters of **Pure Scotch Soot** Write for prices, etc.

Wm. Thomson & Sons, Ltd., Tweed Vineyards, Clovenfords, Scotland

Mention The Review when you write.

VAN GRIEKEN'S BULBS, SOUND AND WELL SELECTED

High-grade Hyacinths, Tulips, Narcissus, Crocus, etc. Write for Catalogue.

LEO VAN GRIEKEN, Lisse, Holland

Mention The Review when you write

DIRECT IMPORTATIONS

Fall and Spring Shipments.

Valley Pips, Berlin and Hamburg grades.
Azaleas, Palms, Bay Trees, etc., from Belgium.
Begonia and Gloxinia Bulbs; December shipment.
Boxwood, Roses, etc., from Boskoop, Holland.
Maples, Planes, etc., from Oudenbosch, Holland.
Fruit and Ornamental Stocks, from France.
English Manetti, Jap Lilies, etc., etc.
Raffia, Red Star and 3 other brands.

McHUTCHISON & CO., The Import House
17 Murray St. New York

Mention The Review when you write.

DANISH SEEDS

If you take interest in Cabbage, Cauliflower, Carrot, Mangel, Swede and Turnip, of selected strains (state controlled), **please apply to**

CHR. OLSEN, Odense, Denmark

Wholesale Seed Grower (Established 1862), in order to have your name placed on my mailing list.

Mention The Review when you write

AUGUST RÖLKER & SONS

Import to order, spring delivery, **Palms, Araucarias, Bays, Box, Roses, Camellias, Hortensias,** Nurserymen's **Trees and Shrubs,** etc. For lists, address

P. O. Box 752, or 31 Barclay St., NEW YORK

Mention The Review when you write

H. FRANK DARROW

P. O. Box 1250

26 Barclay Street, NEW YORK

Importer of

Azaleas, Palms, Bay Trees

and all other Belgian Plants, Lily of the Valley of the finest Berlin and Hamburg Brands.

Japanese, Holland and French Bulbs

FRENCH and ENGLISH FRUIT and ORNAMENTAL STOCKS

Mention The Review when you write.

CYNOSURUS CRISTATUS

(Crested Dogstail)

Purity and germination guaranteed.

WM. POWER & CO.

Seed Exporters

Waterford, Ireland.

Cables "Seedmerchants" Code A.B.C. 5th Edition

Mention The Review when you write.

FOR

SEEDS

of all kinds apply to

W. W. JOHNSON & SON, Ltd.

BOSTON, ENGLAND

Mention The Review when you write

THE German crop of valley pips is turning out short, in accordance with earlier reports, but the quality appears to be quite fair. However, the test of the quality of valley is comparable to the proof of the pudding, which pro-

You Must Have Heard of

KELWAY'S

who have received literally hundreds of Gold Medals and other Prize Medals and First-Class Certificates and Awards of Merit from
THE ROYAL AGRICULTURAL SOCIETY
and
THE ROYAL HORTICULTURAL SOCIETY
of England
For their Introductions in Plants and Choice Seeds.

They are now specializing in all kinds of

FARM, GARDEN AND FLOWER SEEDS

including

SWEET PEAS

for export. Write for **SPECIAL** prices for quantities, also **CONTRACT OFFERS.**

Correspondence invited and a trial solicited.

KELWAY & SON, Wholesale Seed Growers and Exporters Established 1851 **Langport, Eng.**

BULBS BELOW COST---WATCH THESE PRICES GO DOWN

Until what little stock we have at present is sold out, we expect to make prices lower and lower. Better order now; we may be sold out next week. Mention your second choice.

SINGLE HYACINTHS, separate colors, per 100, $1.75; per 1,000, $16.00. (These are as large as many used in named sorts.)

EARLY ROMAN HYACINTHS, white, per 100, $1.90; per 1,000, $18.00.

SINGLE EARLY TULIPS.

	Per 100	Per 1,000
Belle Alliance	$1.00	$9.00
Chrysolora	.60	5.00
Cottage Maid	.60	5.00
Duc van Thol, scarlet	1.00	9.00
Duc van Thol, crimson	.70	6.00
Duc van Thol, white	.60	5.00
Duc van Thol, red and yellow	.70	6.00
Joost van Vondel, red and white	1.00	9.00
L'Immaculee	.55	4.75
LaReine	.55	4.75
Pottebakker, scarlet	1.00	9.00
Proserpine	1.25	10.00
Purple Crown	.70	6.00
Rosamundi	.70	6.00
Rose Lusiante	1.00	9.00
Yellow Prince	.60	5.00
Superfine Early Mixed	.50	4.00
First Quality Mixed	.40	3.50

DOUBLE EARLY TULIPS.

Alba Maxima	$0.70	$6.00
Imperator Rubrorum	1.00	9.00
LaCandeur	.90	8.00
Purple Crown	.70	6.00
Rex Rubrorum	1.00	9.00
Rose Blanche	.60	5.50
Superfine Mixed	.60	5.50

DOUBLE LATE TULIPS.

	Per 100	Per 1,000
Yellow Rose	$0.70	$6.00
Double Late Mixed	.60	5.00

DARWIN TULIPS.

Baron de la Tonnaye	$1.00	$9.00
Gretchen	1.00	9.00
Madame Krelage	1.00	9.00
Painted Lady	1.00	9.00
Sultan	1.00	9.00
Extra Fine Darwin Mixed	.75	6.00

SINGLE LATE TULIPS.

Bizarres	$0.60	$5.00
Roses	.75	6.00
Violets	.75	6.00
Gesneriana Spath	.75	6.00
Golden Crown	.60	5.00
Shandon Bells or Blushing Bride	.75	6.00
Macrospeila	.60	5.00
Picotee	.70	6.00
LaCandeur	.70	6.00

PARROT TULIPS.

Separate colors or mixed	$0.60	$5.00

NARCISSI.

Empress, fine double nose bulbs	$1.00	$9.00
Golden Spur, large double nose bulbs	1.00	9.00
Poeticus Burbidgii	.50	4.00
Poeticus Ornatus	.50	4.00
Trumpet Major, special forcing	1.00	9.00

It will be necessary to mention this advertisement to secure the benefit of these rates. Terms are net cash.

JAMES VICK'S SONS, Rochester, New York

Between Christmas and New Year

You have time and room — plant Cold Storage Lilies and get a cut just right for Easter. They will flower easily by April 1st.

Case of 232, 7-9, $15.00—Case of 200, 8-10, $16.00

ORDER THEM NOW

C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write.

verbially lies in the eating, for good looking pips frequently fail to force satisfactorily.

ALL the price changes these days are advances—nothing going down. When will the turn be reached?

COL. C. W. GURNEY, of the Gurney Seed Co., was at last reports critically ill at his home at Yankton, S. D.

THE supply of Gladiolus America bulbs will be no more than needed next season: poor growing year and steadily increasing demand.

ARTHUR G. LEE, Fort Smith, Ark., has been a recent visitor at St. Louis and Kansas City. He says business is rapidly on the up-grade in his part of the country.

GEORGE PARKER HARDING was at Butte, Mont., November 24, and stated that his purpose was to place contracts for acreage of peas for seed with farmers in Gallatin county.

C. C. MORSE & Co. have completed the work of installing a ten horse-power motor and twenty-four additional seed-assorting machines in their warehouses at Santa Clara, Cal.

THIS week the Board of General Appraisers reports adjusting hyacinth duty protests for Covington Seed Co., Weeber & Don, and O. G. Hempstead & Son, following the Breck decision.

WHEN the 1912 catalogues are received it will be found that there is in them a lot of talk about the scarcity of seeds, but not nearly so much evidence of it in the prices quoted. The average house has tried to keep its prices at least as low as those of its competitors.

THE German steamers are bringing in many shipments of seeds. The crops may all be short, but it is a little consolation to get the seeds before the selling season begins. The lateness of shipments last year was due to the wet autumn and the earliness this season to the fine fall weather.

THE United States Department of Agriculture has issued a circular to acquaint the public with the partial results of a recent investigation as to the dates of sowing and harvesting the principal crops. The work has been in progress for the last two years, that portion of it which relates to the cereal and forage crops of the United States has been completed, and that relative to truck crops is in process of execution. The

HERE SINCE 1879

Arkansas Valley Seed Company

D. H. BROWNE — LAKIN, KANSAS — C. H. BROWNE

Contract Growers of Muskmelon, Watermelon and Cucumber

We desire to announce to the trade that Mr. Wm. Logan is no longer connected with this company in any way. And that we are now booking contract orders for Muskmelon, Watermelon and Cucumber Seed.

Write today for contract price list, also our surplus list of Vine Seeds.

Mention The Review when you write.



Colored Flower and Vegetable Seed Bags

Send for Catalogue and Samples.

Herndon & Lester, Inc.

RICHMOND, VA.

Mention The Review when you write.

Metal Clasp Mailing Envelopes

LOUIS JEFFREY

78th & Brunswick Ave., Philadelphia, Pa.

Mention The Review when you write.

TOMATO SEED

BEST STOCKS. ALL VARIETIES.

The Haven Seed Co.

Growers for wholesale trade only. Santa Ana, Cal.

Mention The Review when you write.

The Ebbert Seed Company

ROCKY FORD, COLO.

Contract growers for the Trade. High-grade Vine Seeds. **Specialties:** Rocky Ford Cantaloupe, Muskmelon and Cucumber Seed.

Place Your Orders Early

Mention The Review when you write.



Improved Long Green Cucumber grown under irrigation by

WESTERN SEED & IRRIGATION CO.

Seed Growers and Dealers. Specialties: Cucumber, Musk and Watermelon, Pumpkin, Squash, Sweet and Field Corn.

FREMONT, :: :: :: NEBRASKA

Mention The Review when you write.

BURNETT BROS.

SEEDS :: BULBS :: PLANTS

72 Cortlandt St., NEW YORK CITY

THE KIMBERLIN SEED CO.
Wholesale Seed Growers **SANTA CLARA, CAL.**
Growers of
ONION, LETTUCE, RADISH, etc.
Correspondence Solicited.
Mention The Review when you write.

Pieters-Wheeler Seed Company
Hollister, - - California
Growers of High Grade Seeds
Onion, Radish, Lettuce,
Sweet Peas, etc. : : :
Correspondence Solicited.
Mention The Review when you write.

BRASLAN SEED GROWERS' CO.
Lettuce, Onion, Sweet Peas
Growers for the Wholesale Trade Only
San Jose, California
Mention The Review when you write

S. D. Woodruff & Sons
SPECIALTIES:
Garden Seeds in Variety
Maine seed potatoes, onion sets, etc.
CORRESPONDENCE SOLICITED.
Main Office and Seed Farms, ORANGE, CONN.
New York City Store, 82-84 Dey Street
Mention The Review when you write.

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety.
Correspondence solicited.
Mention The Review when you write.

Contract Seed Growers
Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence solicited.
George R. Pedrick & Son
PEDRICKTOWN, N. J.
Mention The Review when you write.

—THE—
J. C. Robinson Seed Co.
Waterloo, Neb.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar, Flint and Field Seed Corns.
Mention The Review when you write.

results will be published in a series of bulletins, the first of which is now in press.

W. R. MILLER, of the Covington Seed Co., Covington, Ky., is spending the winter at Umatilla, Fla., in the hope of benefiting his health.

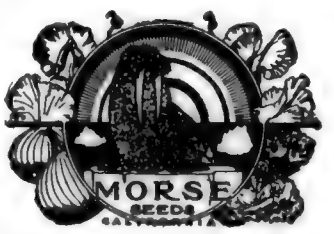
CONGRESS again is in session, with revision of the tariff as the one subject from which all factions hope to make capital. It is understood that the Treasury Department will take advantage of the general melee to try to get a number of corrections in the Payne-Aldrich bill, one of which was made desirable,

J. BOLGIANO & SON —WHOLESALE— Field and Garden Seeds
ESTABLISHED 1818 Write for our low prices
Light, Pratt & Ellicott Sts. BALTIMORE, MD.
Mention The Review when you write.

BEANS, PEAS, RADISH
and all Garden Seeds
LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO
ONION SETS GROWERS FOR THE TRADE
Write for Prices
Mention The Review when you write.

YOU will be satisfied with the products of
Burpee's "Seeds that Grow"
Better write to Burpee, Philadelphia,—for new Complete Catalogue.

The Everett B. Clark Seed Co., MILFORD, CONN.
Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.
BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC.



Wholesale Growers of
Onion, Lettuce, Sweet Peas
and other California Specialties
C. C. MORSE & CO.
48 Jackson St. SAN FRANCISCO, CAL.
Mention The Review when you write.

CONTRACT SEED GROWER
SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn
EDGAR F. HURFF, MULLICA HILL, NEW JERSEY
Correspondence Solicited.

Routzahn Seed Co.
ARROYO GRANDE, CAL.
SWEET PEA and NASTURTIUM
SPECIALISTS
Wholesale growers of full lists of FLOWER and GARDEN SEEDS.

THE HAS. H. LILLY CO.
SEATTLE, WASH.
Growers of
PUGET SOUND CABBAGE SEED

Henry Fish Seed Co.
BEAN GROWERS
For the Wholesale Seed Trade
CARPINTERIA, - CAL.

Peas and Beans
...Growers For The...
Wholesale Seed Trade

Alfred J. Brown Seed Co.
Grand Rapids, Michigan

Sioux City Seed & Nursery Co.
Sioux City, Iowa
Contracting growers of **Peas, Beans** and famous **Sweet Corn.** Introducers of the **White Mexican Sweet Corn.**

S. M. ISBELL & CO.
JACKSON, MICH.
Contract Seed Growers
Bean, Cucumber, Tomato, Radish, Pea, Squash, Muskmelon, Watermelon, Sweet Corn.
Correspondence Solicited

ONION SEED — ONION SETS
We are extensive growers and dealers. Write for prices on the 1911 crop. We are also submitting contract figures for the 1912 crop of Onion Seed.
SCHILDER BROS., CHILLICOTHE OHIO

The C. Herbert Coy Seed Co.
VALLEY, Douglas County, NEB.
Wholesale Growers of High Grade Seeds.
Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

GLADIOLI

Try GOLDEN QUEEN and PRESIDENT TAFT for forcing.

One customer writes under date of May 25th: —

"The Golden Queen that I ordered from you were planted in a carnation house on February 7th, and we are now getting fine spikes and handsome flowers. I find your variety to be one week earlier than Mrs. Francis King, ten days earlier than Augusta and two weeks ahead of America. They have been perfectly satisfactory in every way."

I have also a fine stock of Mrs. King, Klondyke, Taconic, Independence, Brenchleyensis, Geo. Paul and other kinds. Write for trade list.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

in official view, by the Customs Court decision in the appeal of Breck vs. the United States.

A FIRE in the office of the Successful Farming Publishing Co., Des Moines, Ia., December 9, gave the Iowa Seed Co. a close call on its catalogues. The catalogue requires four carloads of paper and the work is about two-thirds complete. For a while it was feared that the entire building would go, but the fire was finally extinguished and little damage was done to the catalogues. It would have been a hard blow to have such a loss at this season of the year, when the time for sending out seed catalogues is so close at hand.

MARCH weather conditions may have been one of the causes for the failure of the Christmas spirit to develop at Chicago as early this year as was expected, and the latter fact undoubtedly caused the weakening of the market for bouquet green and holly. At the latter part of last week green was offered as low as $6.50 or even $6, with no active demand, even though these prices certainly gave no profit to the sellers. There is every indication that a freeze will stiffen the market, but this week it still is sagging and offers are made at $5.50. Holly has been offered as low as $3 per case, but on inspection some of the prospective buyers concluded that it would be difficult to get even that much money out of the stock. It takes a buyer of tolerably keen wits to come off first best in picking up commission holly.

NEW BRITISH DISCLAIMER.

It will be recalled that in a recent British non-warranty case referred to in these columns, the Lord Chancellor in delivering judgment said: "If it is desired by a seller to throw the risk of any honest mistake onto the buyer, then he must use apt language, and I should have thought the clearer he tries to make the language the better. I do not think he has done so in the clause to which I have referred; and therefore I think judgment ought to be entered for the plaintiffs."

In consequence of this verdict, the solicitors of the Nursery and Seed Trade Association, in conjunction with the counsel in the case referred to, have drafted a new clause, which has been adopted by the association and recommended by it to its members and the trade. It is as follows:

"We believe that all seeds, bulbs and roots sold by us are of the description and kind specified by us at the time of

New Forcing Gladiolus

PINK BEAUTY, Now renamed PINK AUGUSTA,

best early forcing variety, each bulb produces 2 or 3 spikes in succession, fine for sprays or decorating. $2.50 per 100; $20.00 per 1000; a few extra selected bulbs, $2.75 per 100; $25.00 per 1000. CASH. Also, Augusta, Francis King, Madame Monneret, Taft, Klondyke, Florists' Mixture. The Bride and Pink Bride, 60c per 100; $5.00 per 1000, cash.

Stevens' Gladioli Co., Saginaw, W. S., Mich.

Mention The Review when you write.

WANTED

A Million Gladiolus Bulbs

We can use any part of the following:

400,000 America
300,000 Mrs. King
300,000 Augusta

First size bulbs.

If you can furnish 5000 or more of any one of these varieties, write us at once. This is a bona fide Want—first-class house that didn't come into the market until too late to make growing contracts for this year's crop. Spot cash. All replies confidential.

Address No. 188, care Florists' Review, Chicago

Are you open to make growing contract for 1912 crop? Write.

Bulb Bargains

French Romans, 12-15, 100, $1.75.
Forcing Hyacinths, 100, $2.00.
Tulips, Pottebakker, yellow, 100, 70c.
" Rose Griedelin, 100, 50c.
" Single Superfine, mixed, 100, 40c; 1000, $3.50.
" Double Superfine, mixed, 100, 40c; 1000, $3.50.
" Parrots, finest mixed, 100, 40c; 1000, $3.50
" Macrospeila, 100, 50c.
" Picotee, 100, 50c.
" Late, single, mixed, 100, 40c; 1000, $3.50.
Narcissus, Double Incomparable, 100, 50c.
Freesias, Mammoth, 100, 50c; 1000, $4.50
Ornithogalum Arabicum, 100, 60c.
Chionodoxa, 100, 50c.
Oxalis, Mixed, 100, 25c.
Scilla Sibirica, 100, 50c.
Single Snowdrops, 100, 35c.
Double Snowdrops, 100, 50c.
Cash with Order.

G. H. HUNKEL CO., Seedsmen

Milwaukee, Wis.

Mention The Review when you write.

Our New Gladiolus "PRINCEPINE"

Is now being offered to the trade.

Write for literature and prices.

W. E. Kirchhoff Co.

Gladiolus Specialists, Pembroke, N. Y.

Mention The Review when you write.

BURPEE'S ANNUAL FOR 1912

"The Leading American Seed Catalogue"

¶ Is now ready for mailing. The first edition of more than four hundred thousand copies will soon be distributed. As usual it is sent unsolicited only to "Customers of Record." We shall be pleased, however, to mail a copy immediately upon application (a postal card will do) to every one who appreciates Quality in Seeds.

¶ This Silent Salesman (and we employ no "talking" salesmen to solicit orders) tells the plain truth about The Best Seeds That Can Be Grown. It is a bright book of 178 pages and shows, besides colored plates of Burpee-Specialties, hundreds of the choicest vegetables and most beautiful flowers, illustrated from photographs. It is almost indispensable to all who garden either for pleasure or profit.

¶ The "House of Burpee" is known the world over not only as Experts in Sweet Peas, but also as Seed Specialists. No other American firm has ever introduced so many novelties of sterling value—and no other growers supply seeds annually direct to so many planters. It might be to your interest to read The Burpee Annual. It will cost you only one cent for a post-card to send us your address—and you are under no obligation to buy. We never annoy applicants with "follow up" letters!

¶ Shall we mail you a copy?

¶ If so, kindly write today.

Burpee's Blue List for 1911

THE most complete catalogue published for MARKET GARDENERS, TRUCKERS and FLORISTS. For the planter who "knows" it contains complete lists of all that is best in vegetables and flowers, while the grower who is uncertain as to the best varieties suited for his purpose may be guided by the bull's-eye ⊙ placed after what is known to be best. In addition full descriptions are given of many new and valuable varieties.

BURPEE'S BLUE LIST FOR 1912 contains 146 pages, with hundreds of half-tone and engraved illustrations. Within the pages of this catalogue we have condensed an experience of thirty-five years both in handling and the actual growing of seeds.

If you garden for profit (that is, sell your products in the market) you are entitled to a copy of this complete and easily understood catalogue; but if you are a private planter please do not ask for it, as we must protect the Market Gardener, Trucker and Florist.

W. ATLEE BURPEE & CO.

Burpee Buildings **Philadelphia**

The World's Largest Mail-Order Seed House

sale, but owing to the practical impossibility in many cases of being certain of this, we give no undertaking that such seeds, bulbs or roots will correspond with the description under which they are sold, and we make all sales subject to this condition. We further give no warranty, express or implied, as to their growth, description, quality or productiveness, and will not be in any way responsible for the crop. If the purchaser does not accept the goods sold to him, on these terms, they are at once to be returned to us."

DON'T ALL SPEAK AT ONCE.

We note an article in The Review on seed shortage, page 69, issue of November 30, 1911. We have been intending for some time to go into the seed growing business, and if you know of anyone wanting seed, especially seed peas, we shall be glad to hear from them. We are now negotiating for the growing of seed on about 200 acres of what we consider suitable land. Thanking you for any information you may be able to give us, we remain,

Very truly yours,
Blalock Fruit Co.,
Paul H. Weyranch, Mgr.
Walla Walla, Wash.

EXPORTS OF LILY BULBS.

The exports of lily bulbs from Yokohama, Japan, from October 27 to November 10, were 6,702 cases, shipped by and consigned as follows:

Shipper.	Cases.
YOKOHAMA NURSERY CO.	1,969
To Foochow	1
To Hongkong	3
To New York	127
To Chicago	272
To London	1,566
ARAI SHOTEN	1,353
To Hamburg	300
To London	1,053
ISAAC BUNTING & CO.	1,157
To Melbourne	314
To Hamburg	843
TANOI SHOTEN	1,131
To Hamburg	155
To Amsterdam	168
To Hemrich	276
To London	532
L. BOEHMER & CO.	858
To Chicago	219
To New York	639
K. TANAKE	86
To Rotterdam	86
KAMITAKI SHOTEN	62
To Hamburg	62
S. SAMUELS & CO.	44
To San Francisco	31
To Portland	13
SOYDEN SHOTEN	41
To London	41
SHIRAI SHOTEN	1
To Portland	1

GOVERNMENT SEED TESTING.

In his annual report the Secretary of Agriculture has this to say about the government's work of seed testing:

"On account of the provision for seed testing made by state laws in North Carolina and Nebraska, coöperation with these states has been discontinued, and two new laboratories are being opened in connection with the agricultural experiment stations in California and Louisiana, the laboratories in Missouri, Oregon and Indiana being continued.

"Hairy-vetch seed, which has this year for the first time been collected for examination for adulterants, was frequently found to contain seed of cultivated varieties of spring vetch, the latter generally being useless for fall sowing on account of winter killing. An examination of the hairy-vetch seed-growing section of northern Germany

Unusual BULB Values

All the Stocks Offered are High Grade and in Excellent Condition

TULIPS, Single and Double under name, 50c to 75c per 100.

Narcissuss, Single and Double under name, 50c per 100, $3.50 per 1000.

Hyacinths, Named sorts for Florists Single or Double, $3.50 per 100.

French White Romans, 12-15 centimeters, $2.00 per 100, $18.00 per 1000.

Crocus, White, Striped and Blue, 25c per 100, $1.50 per 1000.

Paper White Grandiflora Narcissus 85c per 100, $7.00 per 1000; $6.50 per 1000 in lots of 5000 (4 cases).

Mammoth Freesias, 75c per 100.

Be quick if you would avail yourself of the above low offers.

Headquarters for FORCING RHUBARB ROOTS
$1.50 per doz., $10.00 per 100. Special quotation by the 1000.

JOHNSON SEED COMPANY
217 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

LILIUM GIGANTEUM (Dark Stem)
LILIUM ALBUM, AURATUM AND RUBRUM
All sizes and as fine as Japan produces. Write us.

S. S. Skidelsky & Co., 1215 Betz Bldg., **Philadelphia, Pa.**

Mention The Review when you write

Our **Gladioli** are noted the world over for **Superior Merit**
WRITE FOR PRICES.
JOHN LEWIS CHILDS FLOWERFIELD, Long Island, N.Y.

Mention The Review when you write.

Salvia Seed, 1911 Crop
(Our own growing.)

Bonfire, ½ oz., 60c; 1 oz., $1.00. Zurich, ½ oz., $1.60; 1 oz., $2.50. Above seed is from selected stock.

Geranium Rooted Cuttings, extra strong. Alphonse Ricard, $14.00 per 1000. Ready now. Other varieties in January.

Cash, please.

J. P. SIEBOLD, Lancaster, Pa.

Mention The Review when you write.

PRIMULA
Chinensis Obconica

Unrivaled for size of flower, purity of color and highest development. They represent the best specialists have so far produced. Seeds and plants.

J. L. SCHILLER, Toledo, O.

Mention The Review when you write.

SPIRAEA CLUMPS for Forcing

	Doz.	100
Astilboides Floribunda	$0.85	$ 6.00
Gladstone	1.25	9.00
Superba	.90	7.00

Cash with order or satisfactory references.
Weeber & Don, Seed Merchants and Growers **New York**
114 Chamber Street

Mention The Review when you write.

GLADIOLI,
LILIES, SUMMER FLOWERING BULBS AND HARDY PLANTS.
SEND FOR PRICE LIST.
E. S. MILLER, Wading River, N. Y.

Always mention the Florists' Review when writing advertisers.

Established in 1802
Thorburn's Bulbs

We offer high grade stock of the following while unsold:

LILIUM HARRISII, 7-9 inches in circumference at $17.00 per case of 250 bulbs.

WHITE ROMAN HYACINTHS, 12-15 ctms. at $18.00 per 1000.

CASH WITH ORDER.

Register your name now for a copy of our wholesale catalogue for Florists and Market Gardeners, ready January 1st.

J. M. Thorburn & Co. 33 Barclay St. NEW YORK

Mention The Review when you write.

SOW NOW!
Get Ready for Early Spring Sales

	6 Tr. Pkts.	Tr. Pkt.
BEGONIA Gracilis Luminosa, true stock, with large scarlet flowers	$2.50	$0.50
Erfordii, fine pink variety	2.50	.50
Bedding Queen, most beautiful pink Wax Begonia	2.50	.50
Vernon, fine red	1.25	.25
CYCLAMEN Persicum Splendens Giganteum, finest colors, assorted, 1000 seeds	5.00	.75

O. V. ZANGEN, Hoboken, N. J.

Mention The Review when you write.

Let Ayres' Superior Orchid-Flowering Sweet Peas

Follow Your Mums

The Fine Unsurpassed varieties

Asta Ohn Spencer, lavender, lb., $2.00. America Spencer, great novelty, red and white striped, lb., $4.00. Florence Morse Spencer, a beautiful light pink, lb., $2.50. Large White Spencer, the unrivaled white, lb., $2.50. Apple Blossom, pink shaded rose, lb., $1.75. Any of the above, oz., 35c. We also have all the winter flowering varieties. Write for our Sweet Pea Catalogue.

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Ant. C. Zvolanek

Originators

Winter-Flowering Sweet Pea Seed

Bound Brook, New Jersey

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and northwestern Russia shows that on account of the difference in time of ripening it is impossible to harvest seed of cultivated forms of spring vetch and hairy vetch together, the former being used as an adulterant. The Vicia villosa seed originating in the Baltic provinces occurs as a volunteer in winter rye and is separated as cleanings from the rye."

VALLEY PIPS.

The S. S. Kaiserin Augusta Victoria, from Hamburg, which reached New York December 5, had on board the following shipments of valley pips:

Consignee.	Cases.
Hempstead, O. G., & Son	25
Thorburn, J. M., & Co	37
Maltus & Ware	278
McHutchison & Co	301
Darrow, H. F	45
Nielsen, H	61
Hagemann, W., & Co	241
Meyer, C. F	86
Lunham & Moore	430
Stern, S	9
Total	1,513

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ALYSSUM SNOWDRIFT, most dwarf and compact, very fine, pkt. 20c.
ANTIRRHINUM, New Giant, white, rose and yellow. Separate or Mixed, pkt. 20c.
PETUNIA STAR, improved, finest marked flowers, very fine, pkt. 20c.
PETUNIA, Giant, single fringed, large and fine, very choicest mixed, pkt. 20c.
PETUNIA, Giant Double Fringed, very fine, trade pkt. 50c. Mixture of the best improved vars.
SALVIA, Bonfire, finest grown, brilliant scarlet and compact. Large pkt. 20c.
PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt. 20c.
CHINESE PRIMROSE, finest grown, single and double mixed, 600 seeds, $1.00; ½ pkt. 50c.; 1000 seeds, $1.50. Separate colors or mixed.
PRIMULA KEWENSIS, the grand new sweet-scented yellow Primrose, pkt. 20c.
CINERARIA, large-flowering dwarf, mixed, 1000 seeds, 50c.; ½ pkt. 25c.
CYCLAMEN GIGANTEUM, finest giants, mixed, 250 seeds, $1.00; ½ pkt. 50c.; 1000 seeds, $3.50.
GIANT PANSY, finest grown, critically selected, 6000 seeds, $1.00; ½ pkt. 50c.
COLEUS, New Hybrids, fine colors. Best New Giants, pkt. 20c. Very brilliant and showy.
LOBELIA, Blue Ball, dwarf, dark blue, finest of all Lobelias, pkt. 20c. Be sure to sow of this.
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CANDYTUFT, New Giant Hyacinth-flowered, a great cutter, pkt. 20c.
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COLUMBINE. New blue with yellow spurs, extra, pkt. 20c. Grand Novelty.
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BROWALLIA, New Giant Blue, pkt. 20c.
CUPHEA. Giant Cigar, fine, pkt. 20c.
GAILLARDIA GRAND, New Giant, pkt. 20c.
COBAEA SCANDENS, extra fine vine, pkt. 20c.
THUNBERGIA, mixed (Black-eyed Susan), fine, pkt. 20c.
ORIENTAL POPPY COLOSSUS, 10 inches diameter, grand and gorgeous, pkt. 20c.
CASH. Liberal extra count.

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New Crop—Greenhouse-grown

100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $3.50; 10,000 seeds, $30.00.

Sprengeri, 25c per 250 seeds; 75c per 1000 seeds; $2.75 per 5000 seeds.

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Many a man is just about now having his good disposition massaged by the lady with the French heels because of the overdone Christmas racket. In the olden days a man looked forward to Xmas as a time of good cheer, but of late years the strain on his pocketbook has been so great that it has overbalanced the good cheer. He has come to dread the date. People of late give presents they cannot afford, and the reciprocity feeling has made it a hardship on others. Some people give presents to get presents, and, on the whole, it is certainly being greatly overdone. Now a good way to overcome this excessive giving is to give flowers. Just a few will do—enough to show a true regard for your friends and acquaintances, and at the same time not stare them in the face forever, to remind them of their duty to you another year. There is nothing more appropriate, and nothing more beautiful to demonstrate the right feeling at Xmas time. A pot of Xmas lilies is especially fine, or a medium size Azalea. Florists do well to advertise flowers, especially for Xmas—boost the business. Horseshoe Brand Lily bulbs and Azaleas will give the florist good ground to work on, and if you are not prepared this year, see that you are in 1912. Order early. Send for catalogue—it will be ready soon.

Not How Cheap But How Good

RALPH M. WARD & CO.

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Cold storage goods ready for delivery at any time.

LILIUM HARRISII

(THE BERMUDA EASTER LILY)

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We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers whose stocks have been worked up from the true, original stock. In order to insure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used; this prevents disease and insures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock and when this is disposed of we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

6- 7 inch bulbs, 335 to the case,	$15.00 per case;	full thousand lots, $ 40.00 per 1000
7- 9 inch bulbs, 200 to the case,	16.00 per case;	full thousand lots, 75.00 per 1000
9-11 inch bulbs, 100 to the case,	18.00 per case;	full thousand lots, 175.00 per 1000

FERNS

We have an exceptionally nice lot of ferns in the following varieties—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6-inch pots	$0.50 each
Nephrolepis Elegantissima, Piersoni, Bostoniensis and Harrisii, heavy 8-inch plants	$1.00 to 1.50 each
Nephrolepis Elegantissima, Bostoniensis and Harrisii, heavy 10-inch plants	2.50 each

F. R. PIERSON CO., TARRYTOWN-ON-HUDSON, N. Y.

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The same boat brought the following other consignments of seeds, etc.:

Henderson, P., & Co., 9 bags seed.
Stubbs, R. S., 1,493 bags sugar beet seed.
Nungesser, H., & Co., 45 bags clover seed.
Hempstead, O. G., & Son, 4 bags seeds.
Holtzoff, L. F., & Co., 4 packages flower seed.
Skidmore, T. F., 17 packages beet seeds, etc.
U. S. Express Co., 494 packages clover seed, etc.
American Express Co., 140 bags clover seed.
Loechner & Co., 110 cases roots.
Order, 202 bags peas, 1,252 bags seed, 200 bags clover seed, 20 bags grass seed.

IMPORTS FROM HOLLAND.

The S. S. Soestdyk, from Rotterdam, which reached New York December 4, brought the following consignments for the horticultural trade:

Thorburn, J. M., & Co., 10 bags seed.
Henderson, P., & Co., 40 bales grass seed.
Boddington, A. T., 4 cases bulbs.
McHutchison & Co., 52 cases trees and shrubs.
Roelker, A., & Sons, 18 cases shrubs and trees.
Buckingham, C. F., 9 cases bulbs.
Kuyper, P. C., & Co., 44 packages trees.
Maltus & Ware, 99 cases bulbs.
Roehrs, J., Co., 21 cases trees.
MacNiff Horticultural Co., 22 cases shrubs.
Burnett Bros., 5 cases roots.
McHutchison & Co., 58 cases roots.
Vaughan's Seed Store, 29 cases plants.
Knauth, Nachod & Kuhne, 12 cases bulbs.
Sheldon, G. W., & Co., 13 cases trees, 24 bales seed.
Richard, C. B., & Co., 33 cases trees.
Henderson, P., & Co., 1 case bulbs.
Order, 1,000 bags peas, 500 bags millet seed, 216 bags clover seed.

Downieville, Pa.—It is reported that J. C. Trees, the millionaire oil man of Pittsburgh, has prepared plans for the erection of greenhouses, to cost about $100,000, on Einhouse Farm, his estate near this town. The plans also include a residence, of approximately the same value as the range of greenhouses, and the estate, it is said, will be one of the finest in western Pennsylvania.

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$1.75 per 100; $15.00 per 1000.

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New stock—now ready. Best stock for early forcing, if strictly fancy Valley is wanted. My grower writes: "The finest shipment that is going to the U. S. this season," and he knows. Order now—This grade is scarce.

$2.00 per 100; $16.00 per 1000.

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		Per 100	Per 1000			Per 100	Per 1000
Lilium Longiflorum	7x 9	$4.50	$40.00	Lilium Album	9x11	$11.00	$100.00
Lilium Longiflorum	9x10	8.00	75.00	Lilium Rubrum and Melpomene	8x 9	4.50	40.00
Lilium Formosum	9x10	8.50	80.00	Lilium Rubrum and Melpomene	9x11	6.00	75.00
Lilium Auratum	8x 9	5.00	45.00				
Lilium Auratum	9x10	8.00	75.00				
Lilium Album	8x 9	7.50	70.00				

Tulips, Narcissus, Dutch and Roman Hyacinths and miscellaneous Bulbs below cost to clean up. Write for prices.

Select assortment of Azaleas still on hand. See prices in Nov. 30 issue, page 89.

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The Weekly FLORISTS' REVIEW

CAXTON BUILDING

508 South Dearborn Street

CHICAGO

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TUESDAY

The latest hour at which advertisements, or changes of advertisements, can be accepted is 5 p. m. Tuesday.

THE REVIEW sends Scott's Florists' Manual postpaid for $5.

EDWARD REID Poinsettias, Valley, Orchids, Sweet Peas and everything in season.
WHOLESALE FLORIST 1619-21 Ranstead St., Philadelphia, Pa.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Dec. 13, 1911.

	Per doz.
Beauty, Specials	$5.00 @ $6.00
" Extra	4.00
" Medium	2.50 @ 3.00
" Short	1.50 @ 2.00
	Per 100
The Killarneys, Fancy	$ 8.00 @ $12.00
" Select	5.00 @ 6.00
" Ordinary	3.00 @ 4.00
My Maryland, Bride, Richmond—Fancy	8.00 @ 12.00
Select	5.00 @ 6.00
Ordinary	3.00 @ 4.00
Melody	3.00 @ 8.00
Carnations, Fancy	6.00
" Select	4.00 @ 5.00
" Ordinary	2.00 @ 3.00
Cattleyas ...per doz., $7.50 @ $9.00	
Dendrobium.....per doz., 5.00	
Oncidiums	5.00
Vandas	20.00
Cypripediums	15.00
Gardenias.. per doz., $2.00 @ $4.00	
Easter Lilies.per doz., 1.25 @ 1 50	
Callas.....per doz., 1.00 @ 1.50	
Valley	3.00 @ 4.00
Sweet Peas	.50 @ 1.25
Chrysanthemums .....doz.	
" fancy..$2.50 @ $3.00	
" select.. 1.50 @ 2.00	
" ordinary .75 @ 1.00	
" Pompons, per bunch, 35c @ 50c	
Violets, single, fancy	.75 @ 1.00
" " ordinary	.35 @ .50
" double, fancy	1.00 @ 1.25
" " ordinary	.75
Daisies	.75 @ 1.00
Bouvardia	3.00 @ 4.00
Snapdragon	2.00 @ 4.00
Pansies	.50
Lilacs.....per bunch, $1.00	
Stevia	1.00
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 4.00
Mignonette	4.00 @ 6.00

St. Louis, Dec. 13, 1911.

	Per doz.
Beauty, Specials	$5.00 @ $6.00
" Extra	3.00 @ 4.00
" Shorts	.75 @ 2.00
	Per 100
Bride, Maid and Cochet	$ 4.00 @ 8.00
Richmond	4.00 @ 8.00
Maryland	4.00 @ 8.00
White Killarney	4.00 @ 8.00
Killarney	4.00 @ 8.00
Carnations	2.00 @ 4.00
Lily of the Valley	3.00 @ 4.00
Harrisii	10.00 @ 12.50
Chrysanthemums..doz., $1 50-$3.00	
Orchids.....doz., $5.00 @ 6.00	
Violets	.40 @ .75
Paper Whites	3.00 @ 4.00
Romans	2.00 @ 3.00
Stevia	1.00 @ 1.50

Milwaukee, Dec. 13, 1911.

	Per doz.
Beauty, Long	$5.00 @ $6.00
" Medium	3.00 @ 4.00
" Short	1.50 @ 3.00
	Per 100
Richmond	$ 3.00 @ $10.00
Killarney	3.00 @ 12.00
White Killarney	3.00 @ 10.00
Carnations	1.50 @ 4.00
Valley	3.00 @ 4.00
Lilies	10.00 @ 12.50
Violets	1.00 @ 1.50
Snapdragon .....bunch, 35c @ 75c	
Paper Whites	3.00
Stevia	1.50 @ 2.00

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NOT a few subscribers save themselves the bother of annual renewal by sending The Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

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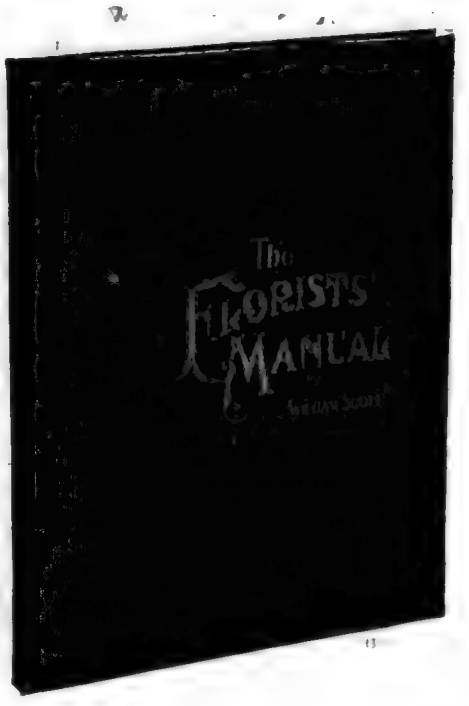
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Chicago, Dec. 13, 1911.

	Per doz.
Beauty, long stems	$6.00
" 36-in. "	5.00
" 30-in. "	4.00
" 24-in. "	3.00
" 20-in. "	2.50
" 15-in. "	2.00
" 12-in. "	1.50
" short "	1.00

	Per 100
Killarney	$4.00 @ $12.00
White Killarney	4.00 @ 12.00
Richmond	4.00 @ 12.00
My Maryland	4.00 @ 12.00
Mrs. Jardine	4.00 @ 12.00
Rhea Reid	4.00 @ 10.00
Mrs. Aaron Ward	4.00 @ 15.00
Prince de Bulgarie	4.00 @ 15.00
Melody	4.00 @ 10.00
Carnations	2.00 @ 4.00
Valley	3.00 @ 5.00
Easter Lilies	12.50
Cattleyas...per doz., $6.00 @ $12.00	
Violets	.75 @ 1.00
Sweet Peas	.75 @ 1.50
Paper Whites	2.00 @ 3.00
Romans	3.00
Mignonette	4.00 @ 8.00
Bouvardia	6.00 @ 10.00
Stevia	1.50

Pittsburgh, Dec. 13, 1911.

	Per doz.
Beauty, Specials	$5.00
" Fancy	4.00
" Medium	$2.00 @ 3.00
" Short	1.00 @ 1.50

	Per 100
Killarney	$ 4.00 @ $12.00
White Killarney	4.00 @ 12.00
Richmond	4.00 @ 12.00
My Maryland	4.00 @ 10.00
Carnations	2.00 @ 4.00
Cattleyas	75.00
Oncidiums	4.00
Valley	3.00 @ 4.00
Lilies	10.00 @ 12 00
Violets, double	.75 @ 1.25
Daisies	1.00 @ 1.50
Romans	1.00 @ 4.00
Paper Whites	3.00 @ 4.00
Stevia	1.00 @ 2.00
Sweet Peas	.75 @ 1.25
Lilac...per bunch, $1.00 @ $1.50	
Baby Primroses	.50
Mignonette	3.00 @ 6.00

Cincinnati, Dec. 13, 1911.

	Per doz.
Beauty, Extra	$3.00 @ $6.00
" No. 1	3.00
" No. 2	1.00 @ 1.50

	Per 100
Killarney	$ 4.00 @ $ 6.00
Richmond	4.00 @ 8.00
Bride	4.00 @ 6.00
Carnations	2.00 @ 4.00
Lilium Harrisii	10.00 @ 15.00
Lily of the Valley	3.00 @ 4.00
Cattleyas	60.00
Mums.....per doz., $1.50 @ $2.00	
Violets	.50 @ 1.00
Narcissi	3.00

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PLEASE stop my ad for carnations, as I was sold out quick.—J. W. Furst, Dayton, O.

RESULTS from advertising to date are very satisfactory.—Wm. Toole & Sons, Baraboo, Wis.

YOUR ad got us busy on Killarney; had to send back over $100.—Frey & Frey, Lincoln, Neb.

CUT out our ads for cinerarias and stevias, as we are completely sold out.—M. S. Wiecking Co., Bluffton, Ind.

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Wholesale Cut Flower Prices.

Boston, Dec. 13, 1911.

	Per 100
Beauty, Specials	$25.00 @ $40.00
" Extra	10.00 @ 20.00
" Short Stems	3.00 @ 8.00
Killarney	3.00 @ 10.00
White Killarney	2.00 @ 10.00
My Maryland	3.00 @ 8.00
Mrs. Aaron Ward	2.00 @ 8.00
Lady Hillingdon	2.00 @ 8.00
Richmond, Rhea Reid	2.00 @ 12.00
Carnations	2.00 @ 4.00
Cattleyas	40.00 @ 50.00
Cypripediums	8.00 @ 10.00
Pansies	.50 @ 1.00
Lily of the Valley	1.50 @ 3.00
Lilium Longiflorum	10.00 @ 12.00
Gardenias	4.00 @ 10.00
Chrysanthemums	4.00 @ 12.00
Violets, single	.75 @ 1.00
" double	.75 @ 1.00
Sweet Peas	.50 @ 1.00
Antirrhinums	3.00 @ 5.00
Marguerites	1.00 @ 1.50
Paper White Narcissi	1.00 @ 1.50
Roman Hyacinths	1.00 @ 1.50
Mignonette	3.00 @ 5.00
Stevia.....per bunch, 15c @ 25c	
Bouvardia, per bunch, 50c @ $1.00	
Poinsettias.....doz., $2.00 @ 3.00	

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Wholesale Cut Flower Prices.

New York, Dec. 11, 1911.

	Per 100		
Beauty, Specials	$40.00	@	$50.00
" Fancy	25.00	@	40.00
" Extra	15.00	@	25.00
" No. 1	5.00	@	10.00
" No. 2	2.00	@	4.00
Bride and Maid	1.00	@	6.00
Killarney	1.00	@	8.00
My Maryland	2.00	@	8.00
Richmond	2.00	@	10.00
Chatenay	2.00	@	12.00
Orchids	40.00	@	75.00
Cypripediums	10.00	@	12.00
Carnations	2.00	@	5.00
Easter Lilies	5.00	@	8.00
Lily of the Valley	2.00	@	4.00
Gardenias...per doz., $1.00 @ $4.00			
Violets	.35	@	.75
Daisies	.50	@	2.00
Chrysanthemums	8.00	@	25.00
Sweet Peas, doz. bches.	$0.75	-	$1.00
Narcissi ...bunch,	.20	-	.25
Callas...per doz.,	1.00	-	1.25
Lilac ...per bunch,	.75	-	1.00
Mignonette...per doz.,	.25	-	.75
Stevia ...per bunch,	.10	-	.25
Smilax...per doz.,	1.00	-	1.50

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Orchids, Gardenias and Violets.

Telephone No. 3864 Madison Square.

THE KERVAN CO.

119 W. 28th Street, NEW YORK

WHOLESALE

All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Greens. Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

Mention The Review when you write.

GROWERS' CUT FLOWER CO.

Cut Flowers at Wholesale

J. J. COAN, Manager Consignments Solicited

111 West 28th Street, Telephone 6237 Madison Square. NEW YORK

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A. L. YOUNG & CO., WHOLESALE FLORISTS

54 West 28th St., Tel. 3559 Madison Square, NEW YORK

☞ **Consignments of Choice Cut Flowers solicited. Prompt payments. Give us a trial.**

Mention The Review when you write.

1888 **GUNTHER BROS.** **1911**

Wholesale Florists

110 West 28th Street, Tel. 551 Madison Square, **New York**

Consignments solicited of

FRESH CUT FLOWERS

Always Mention the...

FLORISTS' REVIEW

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N. LECAKES & CO.

53 W. 28th St., NEW YORK

Tel. No. 1415-1416 Madison Square



Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street, and 34th Street Cut Flower Market.



SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.

Green and Bronze Galax Leaves.

P. J. SMITH

Successor to John I. Raynor. Wholesale commission florist. Selling agent for largest growers. A full line of choice Cut Flower Stock for all purposes by the 100, 1000 or 10,000. Consignments solicited. Telephone 1998 Madison Square.

The Home of the Lily

49 WEST 28th ST., NEW YORK CITY

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RUSSIN & HANFLING

Office and Salesroom

114 West 28th Street, NEW YORK CITY

Tel. 3053 Madison Sq.

Manufacturers and Importers of

WILLOW AND FANCY BASKETS FOR FLORISTS

Dealers in Florists' Supplies

☞ Our Specialties, Wheat Sheaves and Baskets.

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WILLIAM H. KUEBLER

Wholesale Commission Dealer in

CUT FLOWERS

Room for the products of growers of first-class stock. We have what you want when you want it.

28 Willoughby St., Brooklyn, N. Y.

TEL. 4591 MAIN

Mention The Review when you write.

ROSES AND CARNATIONS

Extra Fine—Fancy Ferns

Detroit Cut Flower Supply House

Wholesale Commission Florist **H. Y. PEARCE, Pres.**

6 Adams Ave. W., Detroit, Mich.

Consignments solicited

Mention The Review when you write.

George Saltford

WHOLESALE FLORIST

129 West 28th Street, New York City

Tel. No. 230 Mad. Sq.

We have room for a few more good growers. Prompt payments and top prices.

Mention The Review when you write.

Nursery Stock For Florists' Trade

Large General Assortment for Spring Planting

WRITE FOR TRADE LIST

W. & T. SMITH COMPANY, Geneva, N. Y.

500 ACRES — 65 YEARS

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Officers for 1911-12: Pres., J. H. Dayton, Painesville, O.; Vice-pres., W. H. Wyman, North Abington, Mass.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-seventh annual meeting, Boston June 1912.

L. R. Bryant, Princeton, Ill., has been elected first vice-president of the Northern Illinois Horticultural Society.

Kirkman & Son, Fresno, Cal., are establishing a branch nursery on the Borden ranch at Madera, Cal., F. P. South being in charge.

Root-knot and its control is the subject of a bulletin just issued by the United States Department of Agriculture. The author is Prof. Ernst A. Bessey, of the Michigan Agricultural College.

Frank Lebkicker, who for many years was associated with his father, the late Samuel Lebkicker, in the nursery business at Freeport, Ill., is now at Los Angeles, Cal., where he has purchased a fruit farm.

Within the last ten years a large percentage of the hickory trees have died in various sections throughout the northern tier of states from Wisconsin to Vermont and southward through the Atlantic states to central Georgia and to a greater or less extent within the entire range of natural growth of the various species. While there are several and sometimes complicated causes of the death of the trees, investigations by experts of the Bureau of Entomology, U. S. Department of Agriculture, have revealed the fact that the hickory bark-beetle is by far the most destructive insect enemy and is therefore, in the majority of cases, the primary cause of the dying of the trees.

It is stated at North Yakima, Wash., that there have been shipped from the Yakima valley to December 1 this season twenty-two cars of nursery stock, which is just about a third of the amount shipped to the same date last season, when the aggregate was sixty-one cars. The difference in the fall shipments, however, does not indicate properly the relative standing of the business this and last year In the first place there is every indication, at this time, that the spring shipments will be heavier. It is also true that the weather conditions this year have had some effect. It seems, however, that there are few large orchards to be planted this season as compared with other years. Hitherto large areas have been planted under contract, the trees to be cared for by the land selling companies for two or three years, after which the absentee owner becomes responsible and must himself take charge.

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City. Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS, Nurserymen and Florists RUTHERFORD, N. J.

Mention The Review when you write.

Clematis Paniculata

Strong, Field-grown Stock.

2-year, No. 1,
$7.00 per 100; $60.00 per 1000.

Extra selected,
$8.00 per 100; $70.00 per 1000.

VICK & HILL CO.

P. O. Box 613 ROCHESTER, N. Y.

Mention The Review when you write.

LEEDLE SPRINGFIELD ROSES

2½-in. 4-in.

Shipping Booking Growing

Mention The Review when you write.

NURSERYMAN ASKS LABEL LAW.

An unusual scene was that when a nurseryman denounced the sale of apple trees wrongly labeled and called upon the state legislature to pass a law making it a crime to sell stock under a wrong label. The nurseryman was E. A. Smith, of Lake City, and the Minnesota State Horticultural Societv promptly adopted a resolution embodying his ideas. The trouble was that unscrupulous persons were said to be trading on the advertising recently given for the Wealthy apples, which won for Minnesota the first prize at the Spokane apple show. Varieties have been delivered, Mr. Smith declared, bearing Wealthy labels, that never would bear Wealthy apples. R. D. Underwood and H. W. Beebe, also of the Jewell Nursery Co., were prominent figures at the meeting. Other nurserymen on the program included T. E. Cashman, Owatonna; S. D. Richardson, Winnebago, and W. Pfaender, New Ulm. Many nurserymen were present.

FIELD GROWN SHRUBS IRIS PÆONIES ROSES THE USN CO

The United States Nursery Co.

Roseacres, Coahoma Co., MISS.

Mention The Review when you write.

PEACH SEEDS

At $1.25 per bushel

F. O. B. TOPEKA, KAN.

HUBBARD'S SEED HOUSE,

520 Kansas Avenue, Topeka, Kan.

Mention The Review when you write.

FINEST CANNAS

IN THE WORLD

See our 2-page ad. in issue of Nov. 16th.

The Conard & Jones Co.

WEST GROVE, PA.

Mention The Review when you write.

HARDY CHOICE

ORNAMENTALS

Ask for Prices

Hiram T. Jones

Union County Nurseries, Elizabeth, N. J.

Mention The Review when you write.

FRUIT TREES — APPLE and PEACH. Large stock Fine Trees, commercial varieties. Prices Reasonable

Mitchell Nursery, Beverly, Ohio

Mention The Review when you write.

ROSES FOR FORCING

"THE J. & P. PREFERRED STOCK"

We consider the deliveries we are now making to be the best plants we have ever grown. We have a few left for late buyers.

CRIMSON RAMBLER, HIAWATHA, VEILCHENBLAU (Blue Rambler), WHITE DOROTHY, PHILADELPHIA RAMBLER, at $15.00 per hundred.

TAUSENDSCHON .....$18.00 DOROTHY PERKINS.....$12.00

BABY ROSES

Crimson, Baby Rambler, $15.00 per 100.
White, Katherine Zeimeth, $15.00 per 100.
Pink, Mrs. Cutbush, $15.00 per 100.
Scarlet, Jessie, $3.00 per dozen.
(The BEST Baby Rose for pot culture.)

The following bush roses at $15.00 per hundred:

American Beauty, La France, Killarney, Hermosa, Leonie Lamesch, Hugh Dickson, Mme. Caroline Testout, Kaiserin, Duchess of Albany, Etoile de France, Clothilde Soupert, White Cochet, Gruss an Teplitz, Anny Muller, Maman Cochet, Magna Charta.

All fine forcing grade, the very best plants selected out of immense blocks.

HALF-STANDARDS, Baby Ramblers, imported, at $3.00 per dozen.

JACKSON & PERKINS CO., Rose Growers for the Trade. Wholesale Only. **Newark, New York.**

Mention The Review when you write.

NEW YORKERS TO ORGANIZE?

In the following letter to the florists' clubs of the state, the floricultural department at Cornell, the State Experiment Station, proposes an organization of the florists of the state to push trade interests. Here is the letter:

New York stands first among all the states of the Union on the basis of the importance of her floricultural investments. Notwithstanding this, she has failed for the past two years to interest the legislators at Albany sufficiently to secure an appropriation for the express purpose of promoting the floricultural industry.

The florists of Illinois, by united effort, have secured appropriations aggregating $80,000, which have been employed or are to be used for buildings, equipment, and to assist investigations in behalf of commercial floriculture. These appropriations have been secured by concerted, well organized effort.

In New York the fruit interests are thoroughly organized and secure continuous aid from the state. The various farming industries are also recognized by legislative assistance, especially designed to promote their particular features. New York has a considerable number of live, hustling florists' clubs. These are in the main doing splendid work in maintaining local interest and spreading information regarding floricultural practice. There is, however, little or no coöperation between these clubs.

Has the time arrived for a federation of interests? May we not effect a state organization to take charge of questions of state-wide significance? Such a state organization would in no way supplant the function of local clubs or societies, but would be expected to act more effectively on all legislative questions and problems affecting the whole state. The opportunities for expanding floricultural interests are great.

Can the florists of the Empire State do more to bring before the public the desirability of expending greater effort in beautifying home grounds with flowers and plants?

Is there opportunity for coöperation with civic improvement organizations and the great school gardening movement?

Are the florists of New York State interested in promoting the next national flower show to be held in New York city in 1913?

Are the florists of the state interested in the establishment of a floricultural hall at the State Fair?

Are the florists of the Empire State ready and willing to throw their influence with a movement to secure an appropriation for the erection and equipment of a range of glass at the State College of Agriculture, to be devoted exclusively to the solving of problems in commercial floriculture?

These are some of the problems which might be effectively assisted by a state organization.

Is this a subject in which your club is interested, and if so, might it not be well to use it as a text for a discussion at one of your early meetings?

The Department of Horticulture of the New York State College of Agriculture stands ready to assist in every way in its power any movement of this kind. If thought wise, a meeting, at which your club should be represented by delegate or delegates, can be called at the New York State College of Agriculture at any time agreed upon by a majority of the clubs of the state. This meeting could readily pass upon constitution and by-laws and effect an organization, and the florists of the Empire State would then be able to present a united front on all questions affecting interests in common. These are suggestions. We shall be glad to correspond with clubs or individuals interested in a movement of this kind. May we not hear from you before very long?

Yours for the advancement of floriculture,

John Craig,
Professor of Horticulture.
A. C. Beal,
Assistant Professor of Floriculture.

California Privet

Grown as a Specialty

You go to a specialist in other lines of business because you know you will get the best service. This applies to growers of nursery stock as well. Give me a trial and be convinced.

I have a large block to move this fall and will quote you prices that will enable you to get California Privet business. The stock will be as fine as can be grown. Send your list at once.

I AM GROWING CALIFORNIA PRIVET TO SELL, AND I SELL IT. THERE MUST BE A REASON.

C. A. BENNETT, Robbinsville, N. J.

Mention The Review when you write.

PEONIES

We have one of the finest stocks anywhere in the country and should be very glad to figure with you on your list of wants.

PETERSON NURSERY,
Stock Exchange Building, CHICAGO

Mention The Review when you write.

Peonies

ROSE GARDENS, NORTH EMPORIA, VA.

Mention The Review when you write.

California Privet

A full supply for all who need well grown, well graded, well rooted and well packed 2-year-old

California Privet

Only strong branches counted. Satisfaction guaranteed.

	Per 100	Per 1000
12 to 15 in., branches	$1.00	$ 7.00
15 to 20 in., 3 or more branches	1.50	10.00
20 to 30 in., fine, 4 or more branches	2.00	15.00
2½ to 3 ft., strong, 6 or more branches	3.00	25.00
3 to 4 ft., extra hv'y, 8 or more branches	4.00	30.00

10 per cent off on 5000 lots of the first four grades. Special low rates on car lots. Correspond before purchasing.

Chas. Black, Hightstown, N. J.

Mention The Review when you write.

LARGE TREES
OAKS AND MAPLES, PINES AND HEMLOCKS
ANDORRA NURSERIES
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Always mention the Florists' Review when writing advertisers.

PACIFIC COAST.

SEATTLE.

The Market.

Since the beginning of Thanksgiving week the market has showed considerable improvement over recent conditions. Carnations, which occupy the most prominent position among local crops, took quite a jump, so that florists still had something to be thankful for, even after the low prices that prevailed during November. Chrysanthemums this year have been of fine quality, but scarcely reached the prices of recent years. Last week there was a brisk demand at good prices. There is still a considerable stock of mums to move. Local violets have been largely side-tracked by the California imports, which, though quite scentless on arrival here, seem to meet requirements. Cyclamens are selling well, with better plants than usual on the market. A good number of out-of-town orders accelerated trade recently.

Various Notes.

The Hollywood Gardens held a chrysanthemum show at their premises on upper Second avenue last week, which was visited by a large number of interested and delighted spectators. The ladies received floral souvenirs.

The Seattle Florists' Club holds its regular meetings on the second Tuesday of each month, in the rooms of the Chamber of Commerce. The program for next year includes a rose show in July, as well as a chrysanthemum show in November. In the rose show the club expects to have the coöperation of the Seattle Rose Society, an organization mostly composed of amateurs, with whose help it is confidently expected a large and successful exhibition will be held.

A. E. Buxton is erecting an addition to his plant at Brighton, having decided to grow some Easter lilies as well as carnations.

Many growers are already making preparations for the next season's cucumber business, as this year's cucumber crop was more than usually remunerative. This proceeding should tend to improve the rather glutted condition of the carnation market.

The members of the Bowling Club, in connection with the Florists' Club, think they are no small potatoes, and are open to meet any similar organization in battle.

Misses Anna J. and Bessie Burns, so long with the Woodland Park Floral Co. at the Second avenue store, have started in business on their own account in the Lyon building, on the corner of Third avenue and James street. The store they occupy is 14x70 feet. They are supported by the King County Flower Growers' Association and expect to secure a good portion of the wholesale and retail trade. We wish these popular ladies the success they are entitled to.

John Holze, of the Queen City Floral Co., has just completed the erection of a new range of glass on his premises at Thirteenth and East Union streets. A short time ago he secured a new lease and, with advancing trade, considered himself justified in entirely remodeling and reconstructing his plant,

Direct Importations---Tree Fern Stems

Due to arrive in the early spring of 1912.
The grandest and most graceful of all decorative plants.

Alsophila robusta, Dicksonia Antarctica, Dicksonia squarrosa, Cyathea medullaris, Cyathea dealbata, Cyathea Smithii Cyathea Cunninghami.

All sizes from three feet up.

We will also receive specimen plants of Platyceriums and Todeas,

Prices and particulars on application.

MacRORIE-McLAREN COMPANY

711-714 Westbank Bldg., SAN FRANCISCO, CAL. Nurseries, SAN MATEO, CAL.

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS SEED

Season 1911—1912.
Ready Soon for Delivery.

Our crop of Plumosus Seed has now set, and we are booking orders for delivery in January and February.

In Lots of 1,000	per 1000,	$2.50
In Lots of 10,000	per 1000,	2.00
In Lots of 20,000	per 1000,	1.75
In Lots of 50,000	per 1000,	1.50

Write for quotations on larger lots.

Los Angeles Flower Market, 414½ South Broadway LOS ANGELES, CAL.

Mention The Review when you write.

WE ARE HEADQUARTERS FOR

True English Holly

Green and heavily berried.

Largest stock of Cut Flowers, Native Greens, etc., in the northwest.

Wire, phone or write.

Seattle Cut Flower Exchange, 909 Post Street, SEATTLE, WASH.

Mention The Review when you write.

CYCLAMEN

7-inch pots, very heavy .....per 10, $7.50
For Christmas delivery, plants to be exceptionally well flowered.

ASPARAGUS PLUMOSUS NANUS

2½-inch pots, from flats, ready for 3-inch pots.....per 100, $2.50; per 1000, $20.00

Carnation Rooted Cuttings for January, February and March Delivery. Beacon, Dorothy Gordon, Enchantress, Rose-pink Enchantress, Victory, Winsor, White Perfection. Healthiest, cleanest plants you can find on Pacific coast. No cuttings taken from outdoor stock. Send for Price List.

H. HAYASHI & CO., 73rd and Thomas Streets, **Elmhurst, Cal.**

Mention The Review when you write.

CYCLAMEN

7-in. pots, per doz		$ 9.00
6-in. pots, per 100		65.00
5-in. pots, per 100	$45.00 to	50.00
4-in. pots, per 100		25.00
Cyclamen, 25,000 August seedling plants, all separate colors	per 100, $2.00; per 1000,	18.00
Asparagus Plumosus, 3-in. pots, per 100..		7.00
" " 2-in. pots, per 100..		3.00
" **Sprengeri**, 3-in. pots, per 100..		5.00
" " 2-in. pots, ready for shift, per 100		2.50
Boston Ferns, per 100.....	$25.00, $40.00 and	50.00
Elegantissima Ferns, 100, 25.00	40.00 and	50.00
Whitmani Ferns, per 100 25.00,	40.00 and	50.00

F. O. B. Portland.

R. KEIL, - Lents, Oregon

Always mention the Florists' Review when writing advertisers.

SHASTA DAISIES

Alaska, California and **Westralia,** extra strong field divisions, $24.00 per 1000; $2.50 per 100.

Cyclamen Persicum Giganteum, 3, 4 and 5-in. pots, $7.00, $12.00 and $20.00 per 100. Fine bushy plants, well budded.

Asparagus Plumosus, 3-in., $5.00 per 100.

Asparagus Sprengeri, 3, 4 and 5-in. pots, $5.00, $8.00 and $15.00 per 100.

Also **Shasta Daisy, Pentstemon Hybridum Grandiflorum, Delphinium Hybridum** and other choice seeds. Send for list.

Cash, please.

FRED GROHE, Santa Rosa, Cal.
R. D. 4.

CARNATION CUTTINGS

Beacon, $3.00 per 100, $25.00 per 1000. Enchantress, White Enchantress, Perfection, Shasta, Alma Ward, C. W. Ward, Sangamo, Winsor, Robt. Craig, $2.50 per 100, $20.00 per 1000.

Violets, Princess of Wales, Marie Louise, $2.00 per 100.

Chrysanthemum Stock. All standard varieties, stock plants, 5c each; R. C., $2.00 per 100.

Write for price list of 2-year-old roses, perennials, bedding stock, etc.

Van Slyke & Seamons, Tacoma, Wash.

Mention The Review when you write.

putting in new boilers, etc., with the result that he has now a thoroughly up-to-date establishment. T. W.

THIS DEPARTMENT PAYS.

Advertisers who use space in the Pacific Coast Department of The Review report almost invariably good results. Like this:

We are well pleased with the results obtained by advertising in the Pacific Coast Department of The Review. We sold out clean for Thanksgiving and refused many orders. The Review surely gives results.—Van Slyke & Seamons, Tacoma, Wash., November 30, 1911.

The trade on the coast is growing rapidly and all the hustlers in that section watch the Pacific coast pages to learn about sources of supply, since so many need more stock than they can produce.

The transient rate for space is $1 per inch per insertion. Those who have stock to offer all or a considerable part of the year around should write for contract rates.

PORTLAND, ORE.

The pre-holiday trade is all that could be expected. All stock is moving nicely. Carnations and roses are plentiful and mums are about equal to the demand. Numerous weddings utilize all available valley. Orchids also are used considerably for bridal arrangements. Judging from advance orders, the Christmas business will be in advance of former years. Stock is in good shape, with plenty to go around. Poinsettias are the principal flower of the season and, generally speaking, are well shaped and colored. Green goods are steady in demand. Business houses have started early with window arrangements.

N. B. Healy was called back to Detroit, Mich., to attend the funeral of his mother.

Clarke Bros. have put on an auto, which greatly facilitates delivery.

E. R. C.

SAN FRANCISCO, CAL.

The Market.

The weather has turned a bit colder, with slight frosts in the morning, but plenty of sunshine as well. As a consequence there is quite a difference in the quantity of stock being brought into town. There is practically nothing from the outside except a few late mums and violets. Some Paper Whites have been cut and they come in nicely to help on funeral work. Mums have risen about fifty per cent in price and the quality is not as good as it was earlier in the season. Violets are still the most popular flower and although the price has not advanced the bunches have decreased in size.

Cattleyas and other orchids are in better supply than they have been and move about as usual. Carnations are a shade higher, with plenty in sight. Roses have also advanced quite a bit in price and the better quality stock

Rooted Carnation Cuttings

NOW READY

White	100	1000
White Enchantress	$2.50	$20.00
White Perfection	2.50	20.00
Alma Ward	2.50	22.50
White Wonder	6.00	50.00

Pink	100	1000
Enchantress	$2.50	$20.00
Rose-pink Enchantress	2.00	18.00
Dorothy Gordon	3.00	25.00
Pink Delight	3.00	25.00
Washington	6.00	50.00
Princess Charming	6.00	50.00
Admiration	2.00	18.00

Red	100	1000
Beacon	$2.00	$17.50
Victory	2.00	17.50

Crimson	100	1000
Harlowarden	$1.75	$15.00

Yellow	100	1000
Eldorado	$1.75	$15.00

We quote unrooted cuttings in the issue of Nov. 16.

Express charges on rooted cuttings amounting to $10.00 or more prepaid. 25 at 100 rate; 250 at 1000 rate.

Asparagus Plumosus Nanus, 3½-inch, $5.00 per 100.

Loomis Carnation Co.

D. F. RODDAN & SON, Props. LOOMIS, Placer Co., CAL.

Mention The Review when you write.

Los Angeles Flower Market

CHAS. E. MORTON, Mgr. 414½ S. Broadway, Los Angeles, Cal.

The best equipped wholesale house on the Pacific Coast. Handling the entire cut from eighteen large growers. Chrysanthemums, Roses, Carnations, Violets, Plumosus, Ferns, Smilax, in fact everything in season.

FLORISTS' SUPPLIES

Write, telegraph or telephone your orders. Prompt attention given.

Mention The Review when you write

ROOTED CARNATION CUTTINGS December Delivery

	100	1000		100	1000
Rose-pink Enchantress	$2.00	$18.00	Victory	$1.80	$17.00
Enchantress	1.80	17.00	Winona	1.70	16.00
W. Enchantress	2.00	18.00	W. Perfection	2.50	20.00
Beacon	1.80	17.00	O. P. Bassett	2.50	20.00
Harlowarden	1.70	16.00	Winsor	2.00	18.00

All heel cuttings and well rooted. Place your order NOW.

FALLEN LEAF GREENHOUSES, Roseville, Cal.

Mention The Review when you write.

Rooted Carnation Cuttings

BASSETT'S FLORAL GARDENS, B. S. BASSETT, Proprietor LOOMIS, CAL.

Mention The Review when you write.

GREENS

We make a specialty of Decorative Greens: Smilax and A. Plumosus Strings, A. Plumosus and A. Sprengeri Sprays. Also cut flowers. Write for prices.

Walter Armacost

OCEAN PARK :: :: CAL.

CARNATION CUTTINGS

Rooted or unrooted.

California Carnation Co., Loomis, Cal.

50,000 PANSY PLANTS

of the best mixtures known, stocky plants, ready to transplant now.....50c 100; $3.00 1000. Cash, please.

F. G. EHLE, 224 Sanborn Ave. SAN JOSE, CAL.

Mention The Review when you write.

Watsonia Ardernei Alba

Good, strong, flowering bulbs, doz., $1.00; 100, $7.00.

Dracaena indivisa, good, hardy plants, for 2-3-in. pots, hundred, $1.00.

By free delivery.

HENRY MELDE, EUREKA, CALIF.

Mention The Review when you write.

STOCK PLANTS OF

Chrysanthemums

of the following varieties: Golden Glow, Major Bonnaffon, Colonel Appleton, October Frost, White Chadwick, Pink Maud Dean, Pacific Supreme and Amateur Conseil, at 60c per dozen; $4.00 per 100.

MEDFORD GREENHOUSE, Medford, Ore.

Mention The Review when you write.

is somewhat scarce. Everyone is looking toward Christmas and wondering whether it is to be a record breaker or not. A glance backward at the summary for Thanksgiving confirms the earlier statement that the bulk of the trade equaled that of 1910, but the sales were smaller and more numerous and the principal demands were for less expensive grades of stock.

Various Notes.

The Hackel Floral Co. has opened a new store at 127 Powell street and will operate it under the name of the St. Francis Floral Co.

There is less inclination shown among the retailers to keep their stores closed Sunday afternoons and many of them are falling back to the old-time hours.

A big trade is being done by out-of-town green goods men in California red berries. At the present time they are selling for about $50 per ton. G.

ROSES IN CALIFORNIA.

[A paper by John Gill, of West Berkeley, Cal., read at the convention of the California Association of Nurserymen, at Los Angeles, Cal., November 23, 1911, concluded from page 74, issue of December 7.]

The Budding Season.

After the stocks are planted and growing strongly, the budding season comes around. This is another important phase. The cutting of buds must be done with great care and precision, and woe to the grower who relaxes his vigilance at this time! Careless help have driven many a nurseryman to distraction when he deserved a better fate. The selection of varieties and the quantity of each to be worked is another perplexing problem. The fickle public changes its wishes often and without notice. The sort that is popular this season can not be given away next year, and vice versa. We are supposed to know all of this ahead of time and act accordingly. There are quite a number of so-called standard varieties for which there is always a call in limited or fair quantity, but with the bulk of the different kinds it is something of a gamble.

About budding itself there is little room for argument, but about the mistakes made after the bud has been inserted a book might be written. Presuming that the scions are properly cut and handled and the choice of tying material is right, we must pay attention to the man who ties the strings. Too few wraps, too loose wrapping or carelessness in making a knot ruins many thousands of good materials yearly. Then the growing of the stocks must not be allowed to stop; too much stress can not be laid on this point. There is also the question as to whether the young stocks are to be encouraged by artificial means to shoot out quickly or not. The effect of a possible cold snap or a heavy wind storm must be taken into consideration and the young wood pruned accordingly. These two latter conditions can not be entirely forestalled, and he is indeed lucky who does not lose a good portion of his crop occasionally by some of these happenings. But, barring accidents and under usual conditions, the buds are ready for inspection in a few weeks after budding. If all points are right there should be no failure greater than one per cent, and this has been our record for many years. Occasionally we get poor scions of some new variety from

[Concluded on page 112.]

	Each	Doz.
Kentia Belmoreana		
6-in. pots, 22 to 26-in. high	$1.50	$17.00
6-in. pots, 26 to 30 in. high	2.00	23.00
7-in. pots, 32 to 36-in. high	3.00	35.00
8-in. pots, 38 to 44-in. high	5.00	
9-in. pots, 46 to 52-in. high	7.50	
Phoenix Roebelenii		
5-in. pots	1.00	11.00
6-in. pots	1.75	20.00
Araucaria Excelsa		
6-in. pots, 14 to 16-in. high	1.25	14.00
6-in. pots, 16 to 18 in. high	1.50	17.00
8-in. pots	3.00	
Aspidistra		
7-in. pots	1.50	
Asparagus Plumosus Nanus		
3-in. pots	per doz., $1.00; per 100, $8.00	
Ferns, Elegantissima Improved		
4-in. pots	each, 25c; per doz., $2.50; per 100, $20.00	
8-in. pans	each, $1.00 and 1.50	
Cyperus		
6-in. pots	each, 50c; per doz., $5.00	
Anthericum Vittatum Variegatum		
5-in. pots	each, 30c; per doz., $3.00	
This makes a better plant in a 5-in. pot than a Pandanus Veitchii; fine for filling Xmas baskets.		
Cyclamen Giganteum, in bloom		
4-in. pots	each, 30c; per doz., $3.00	
6-in. pots	each, 60c; per doz., 7.00	
Poinsettias	**Each**	**Doz.**
5-in. pots, 1 plant in pot	$0.40	$4.50
6-in. pots, 1 plant in pot	.60	7.00
7-in. pans, 4 plants in pan	1.00	
8-in. pans, 4 plants in pan	1.50	

—Cash, please.—

SEATTLE FLORAL CO.

Fourth Ave. and Denny Way, Seattle, Wash.

Mention The Review when you write.

To FLORISTS and DECORATORS:

Beautiful English Holly

for CHRISTMAS

profusely berried, grown at Portland, Ore., on the famous Crystal Springs Farm belonging to the Ladd estate, carefully and freshly cut for shipment, at the following prices, crated, f. o. b. Portland.

25 lbs.....75c per lb.
50 lbs.....60c per lb.
100 lbs.....50c per lb.

Orders filled strictly in rotation while stock lasts. Cash with orders, or references.

THE SIBSON ROSE NURSERIES

1180 Milwaukee Ave., Portland, Ore.

Mention The Review when you write.

Sweet Pea Seed

"The Three Incomparable Reds"

Thos. Stevenson, orange-scarlet Spencer.
Maud Holmes, crimson (sun-proof) Spencer.
Kelway's Black, grandiflora.

Write for prices.

LEONARD COATES NURSERY CO.

Morganhill, Santa Clara Co., Cal.

Mention The Review when you write.

RAHN & HERBERT

110 E. 49th St., PORTLAND, ORE.

Marguerite Mrs. F. Sander, 2½-in. pots, fine plants, $15.00 per 100.

Heliotrope Centifleur, 2½-in. pots, $10.00 per 100.

Hall Caine Geranium, largest and best bloomer of all, single, red, 2-in. pots, $5.00 per 100.

Palms, Ferns and Araucarias. Write for prices.

Mention The Review when you write

PALMS PALMS PALMS PALMS PALMS

Washingtonia, Seaforthia, Phoenix, etc.

Write for our wholesale palm list.

EXOTIC NURSERIES, Santa Barbara, Cal.

PALMS PALMS

Mention The Review when you write.

Chrysanthemum Stock Plants

	Per doz.	Per 100
WHITE		
Mrs. David Syme		$1.00
Other Varieties		
W. Oct. Frost	$0.60	$4.00
Kalb	.60	4.00
White Cloud	.60	4.00
Ivory	.60	4.00
Virginia Poehlmann	.60	4.00
Touset	.60	4.00
Alice Byron	.60	4.00
W. Eaton	.60	4.00
W. Jones	.60	4.00
W. Chadwick	.60	4.00
Jeanne Nonin	.60	4.00
YELLOW		
Yellow Oct. Frost	.75	5.00
Monrovia	.60	4.00
Oct. Sunshine	.60	4.00
Halliday	.60	4.00
Yellow Ivory	.75	5.00
Major Bonnaffon	.60	4.00
Y. Eaton	.60	4.00
Golden Chadwick	.60	4.00
Yellow Jones	.60	4.00
PINK		
Pink Ivory	.60	4.00
Balfour	.60	4.00
Dr. Enguehard	.60	4.00
Maud Dean	.60	4.00
RED		
Intensity	.60	4.00
Shrimpton	.60	4.00
BRONZE		
Fancy Bronze	.75	5.00

ROOTED CARNATION CUTTINGS

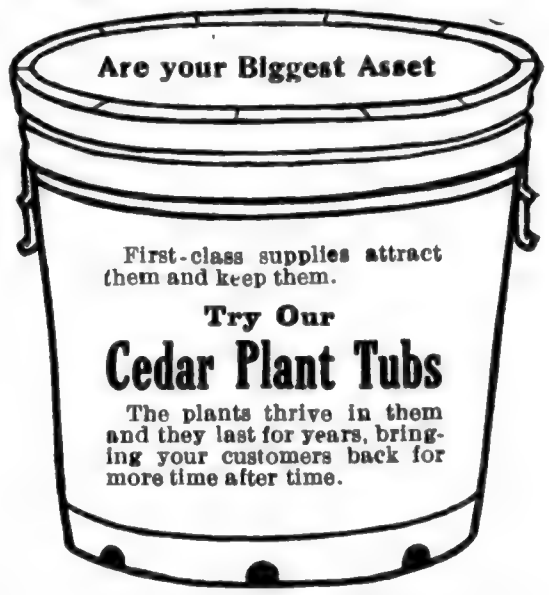
	R. C.		2½-in. pots	
	100	1000	100	1000
Enchantress	$2.50	$20.00	$3.50	$30.00
White Enchantress	2.50	20.00	3.50	30.00
Winsor	2.50	20.00	3.50	30.00
Harlowarden	2.50	20.00	3.50	30.00
Beacon	3.00	25.00	4.00	35.00

Woodland Park Floral Co.

S. Poolman, Mgr. SUMNER, WASH.
P. O. Lock Box 86. Phone Farmers 84.

Mention The Review when you write.

Satisfied Customers



PATTON WOODEN WARE CO.

SEATTLE, WASH.

Mention The Review when you write.

BARGAIN PRICES

Selling out all nursery stock except Kentias

Phoenix Canariensis, from 12-inch tubs, of fine appearance, 3½ feet, $1.25 each.

Phoenix Canariensis, balled and ready for shipment, 2, 2½, 3, 3½, 4, 4½, 5, 5½ feet, at 40c, 50c, 60c, 80c, $1.00, $1.20, $1.45, $1.75 each.

Phoenix Can., from 2½-inch, $5.00 per 100.

Washingtonia Rob., from 2-inch, $4.50 per 100.

Cocos Plumosa, balled, 3, 4, 5, 6, 7 feet, at $1.50, $2.00, $3.00, $4.50, $6.00 each.

Write for special prices on carload orders.

Kentia Nurseries, - Santa Barbara, Cal.

Mention The Review when you write.

Asparagus Plumosus and Sprengeri

Out of 2-inch pots, $3.00 per 100.

Phoenix Canariensis, out of 2½-inch pots, $5 00 per 100.

Washingtonia Sonorae, out of 2-inch pots, $5.00 per 100.

H. KEMPF, Pacific Nursery

3041 Baker St., SAN FRANCISCO, CAL.

MARGUERITE MRS. F. SANDER

The new double white. Try it. You will like it.
R. C., $2.50 per 100

CALLAHAN FLORAL CO., Ventura, Cal.

Mention The Review when you write.

THE NEW YELLOW FORCING ROSE SUNBURST



This magnificent, giant yellow rose has been tested for three years in our benches; it stands head and shoulders above all other sorts of its color and will rank with American Beauty and the Killarneys in value and grandeur—because

It has a long, pointed bud, which can be cut tight for market. It is pre-eminently a long-stemmed rose. The stem is always stiff. It is free in bottom breaks. Is extraordinarily vigorous and healthy. Belongs in the class of **Big Roses.** Its keeping qualities rank with the best. Buds shipped from Richmond last December opened up perfectly in both Philadelphia and New York, where it scored 90 before the Florists' Club.

The color is orange-copper or golden orange and golden yellow, all intense shades, extremely brilliant in effect.

Come and see it growing; we have 8,000 of it benched.

Does splendidly out of doors; will rank high as a bedder. At the Chicago show, 1910, it was awarded the silver cup for the best new rose never before exhibited, and the judges unanimously gave it honorable mention additional. Has created a sensation wherever shown.

Raised by M. Pernet-Ducher, from whom we bought the American rights.

We have divided our stock with Mr. C. H. Totty, of Madison, N. J., to give eastern growers a chance to see it growing. Will be distributed March 1 in America by C. H. Totty and The E. G. Hill Co. Mr. Pernet will distribute same date in Europe.

The American price is $30.00 per 100; $250.00 per 1000 (own roots); $5.00 per 100 additional for grafts

THE E. G. HILL CO., Wholesale Florists, RICHMOND, IND.

ROOTED CARNATION CUTTINGS

	Per 100	Per 1000
Alma Ward, white	$4.00	$35 00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
Winsor, pink	3.00	25.00
Pink Enchantress	3.00	25 00
C. W. Ward, deep pink	4.00	35.00
Beacon, red	3 00	25.00

We have the cleanest stock in the West. If you want the best, then send us your early orders. We grow **only** the best commercial varieties, and save you that big freight and express charge from the East. Come any time and see us—and the flowers we grow.

W. H. Sawvel Floral Co.
115 Clinton Place, Kansas City, Mo.

Mention The Review when you write.

YOU Will find all the best offers all the time in the Review's Classified Advs.

DOUBLE IMPROVED WHITE KILLARNEY

The *Silver Medal* Rose among novelties at the National Flower Show in Boston. Order now and get early delivery.

Grafted ....$30.00 per 100; $250.00 per 1,000.
Own root... 25.00 per 100; 200.00 per 1,000.

LADY HILLINGDON

A grand flower and one of the easiest to grow.

Grafted ....$25.00 per 100; $200.00 per 1,000.
Own root... 20.00 per 100; 150.00 per 1,000.

ROSE QUEEN
DOUBLE PINK KILLARNEY
MRS. TAFT (Prince de Bulgarie)

Grafted ....$20.00 per 100; $150.00 per 1,000.
Own root... 15.00 per 100; 100.00 per 1,000.

MELODY

Own root...$12.00 per 100; $100.00 per 1,000.

MRS. AARON WARD

Grafted ....$15.00 per 100; $120.00 per 1,000.
Own root... 7.00 per 100; 60.00 per 1,000.

S. J. Reuter & Son, Inc., Westerly, L. I.



THE CARNATION OF REAL MERIT

BRONZE MEDAL—BOSTON, 1911

RAINBOW

—IT—

SELLS ON SIGHT



QUALITY.

A glorified Prosperity of the "profitable and prolific" order. A money-maker from start to finish. Beats Lawson and Enchantress for production. For pedigree see our ad in this paper Nov. 30. Grow **RAINBOW** and double your profits—more flowers, higher prices.

MERIT.

We stake our reputation on RAINBOW—we guarantee it in all respects. Produced by an expert of many years' experience, **Rainbow** is everything that the ideal Carnation should be. It is a genuine profit-builder, worth a trial. Grow a few—you will be repaid ten times over. Two-thirds of our extensive range is planted to **Rainbow—BECAUSE** it yields more money per plant than any other variety we have ever grown, and we have tried them all. We can deliver a half-million strong, healthy cuttings, guaranteed to be perfect in every way. Orders increasing daily. Send us yours today and be sure of early delivery. Remember, our guarantee is back of every cutting.

$12.00 per 100, $100.00 per 1000. Liberal discount on large orders.

Wanoka Greenhouses, Barneveld, N. Y.

Mention The Review when you write.

GREENWICH, CONN.

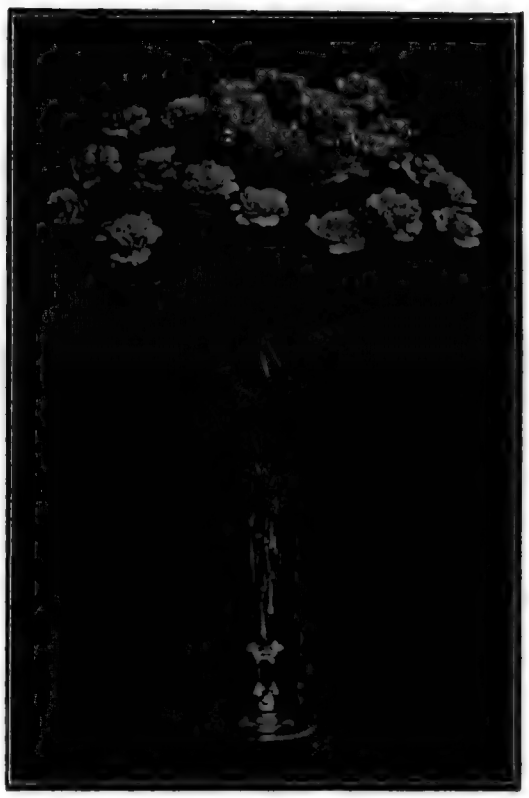
The first annual meeting of the Westchester and Fairfield Horticultural Society was held at Stamford December 8, with eighty members present, seven new members being elected. The following officers were chosen for 1912: President, James Stuart; vice-president, Robert Williamson; treasurer, Thomas Aitchison; corresponding secretary, Oscar Addor; financial secretary, J. B. McArdle; executive committee, Chas. Adcock, J. T. Burns, Wm. Smith, James Aitchison and P. W. Popp.

It was decided to hold the meetings for 1912 in Greenwich. J. K. M. L. Farquhar will lecture at the meeting January 12. The society voted to hold the fall chrysanthemum show at New Rochelle, N. Y., and the summer rose show at Greenwich.

The judges recommended a certificate of merit to James Stuart for calanthes. Cultural certificates were given to T. W. Stobo for carnations, and to Robert Williamson for vegetables. Honorable mention was given to James Foster for Cypripedium insigne and to Thos. Ryan for three varieties of carnations. A vote of thanks was given to John Grant for Kaiserin roses and to A. Peterson for sweet peas.

SPRINGFIELD, O.

The Springfield Florists' Club held its regular meeting December 11, in the rooms of the Commercial Club. After the transaction of routine business, Harry F. Good read a carefully prepared, interesting and scientific paper on "Soils," a subject of most vital importance to every florist and nurseryman. With the aid of a high-power microscope, samples of a number of different soils were shown, giving the members a better understanding of the elements necessary to the growth of plants. A general discussion followed, participated in by all members present, in which the idea prevailed that it would be well for growers to submit samples of their soils to the proper department of the government experiment stations for analysis and thus learn of any element lacking for the production of best results in plant, bloom and fruit. Ge Dale.



WHITE WONDER
Average length of stems, September, 21 inches.

ROOTED

Carnation Cuttings

QUALITY the first consideration. Only strong, well rooted cuttings from absolutely healthy plants will be shipped. An order now insures your receiving stock when wished for.

	Per 100	1000
White Wonder Early, free, large pure white, on long, stiff stems	$6.00	$50.00
Gloriosa Delicate light pink	6.00	50.00
Pink Delight Light pink	4.00	35.00
Mrs. C. W. Ward Deep pink	3.00	25.00
Sangamo Deep pink	3.00	25.00
May Day Daybreak color	3.00	25.00
Winona Medium pink	3.00	25.00
Winsor Clear pink	3.00	25.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00

Orders will be filled strictly in rotation. Remittances or acceptable references should accompany the order. One-third the amount to be prepaid for cuttings ordered sent C. O. D.

Frank P. Putnam

Pleasant View Gardens, NO. TEWKSBURY, MASS.

P. O. Address, Box No. 12, Lowell, Mass.

The Best White Rose Ever Offered

WE SHALL DISSEMINATE

Double White Killarney

We Are Now Booking Orders For March Delivery.

It made a great record at the shows this fall. See it growing at The Budlong Rose Co., in Auburn, R. I., or with us at Cromwell.

Order now to be sure of early delivery.

A. N. PIERSON, Inc., Cromwell, Conn.

Mention The Review when you write.

MELODY, own root, from 2½-in. pots, $6.00 per dozen; $30.00 per 100; $70.00 per 250; $250.00 per 1000.

DOUBLE PINK KILLARNEY, own root, $4.00 per dozen; $20.00 per 100; $40.00 per 250; $150.00 per 1000. Grafted plants on Dickson's Manetti stock, $10.00 extra per 100.

ROBERT SCOTT & SON,
SHARON HILL, Delaware Co., PA.

KILLARNEY

Double Killarney is the best pink rose for warm weather. Contracts made for cuttings, eyes or own root plants.

JOHN WELSH YOUNG, Upsal Sta. P. R. R., Philadelphia, Pa.

YOU WHO WANT

Early Cuttings

Place your orders and get

IMMEDIATE DELIVERY

	Per 100	Per 1000
Enchantress, White Enchantress, Beacon,	$3.00	$25.00
White Wonder, Gloriosa, Norwood,	$6.00	$50.00

Dorothy Gordon, $4.00 per 100; $35.00 per 1000
Perfection, - 3.50 per 100; 30.00 per 1000
Winsor, - $2.50 per 100; $20.00 per 1000
Rose-pink Enchant., 2.50 per 100; 20.00 per 1000

J. D. Thompson Carnation Co., Joliet, Ill.

Mention The Review when you write

1912! 1912! 1912!

VERBENAS

OUR SELECTION

Rooted Cuttings..... .$0.75 per 100; $6.00 per 1000
Strong Plants, 2¼-inch pots .... 2.50 per 100; 20.00 per 1000

PURCHASER'S SELECTION

Rooted Cuttings .....$0.90 per 100; $8.00 per 1000
Strong Plants, 2¼-inch pots..... 3.00 per 100; 25.00 per 1000

NEW VARIETIES

Lady Ellen, Columbia, Mrs. Taft

Rooted Cuttings.....$1.00 per 100; $9.00 per 1000
Strong Plants, 2¼-inch pots.....$4.00 per 100

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

Christmas Cheer

CARNATION

In bud and bloom, in 5 in. pots, $ 5.00 per doz.
In bud and bloom, in 8-in. pots, 10.00 per doz.
Just the thing for Xmas. Cash with order, please.

HENRY EICHHOLZ, Waynesboro, Pa.

Mention The Review when you write.

Rooted Carnation Cuttings

of up-to-date varieties
List on application

LITTLEFIELD & WYMAN
NORTH ABINGTON, MASS.

Mention The Review when you write.

CARNATIONS

A. JABLONSKY,
OLIVETTE, St. Louis Co., MISSOURI

Mention The Review when you write.

ROOTED CUTTINGS

CARNATIONS

Strong, clean, healthy stock; well rooted when shipped. Ready January 1.

	100	1000		100	1000
Beacon.....	$2.50	$20.00	White Perfection..	$2.00	$17.50
White Enchantress	2.50	20.00	Rose-pink Enchant-		
Enchantress	2.00	17.50	ress	2.00	17.50

PETER REINBERG

30 East Randolph Street CHICAGO

Mention The Review when you write.

Don't Delay Ordering

Benora Carnation

NOW, for seasonable delivery.

Write for descriptive circular. Cultural directions with each shipment.

$12.00 per 100; $100.00 per 1000.

PETER FISHER, Ellis, Mass.

ALWAYS MENTION THE FLORISTS' REVIEW WHEN WRITING ADVERTISERS

NEW ORLEANS.

The Market.

With the advancement of the season business is increasing considerably. Several prominent weddings called for the best in the line of cut flowers, and church and home decorations, some of them on an elaborate scale, gave the decorators a chance to show their skill. The stores are filling a larger number of country orders than last year and the demands are mostly for choice flowers. The growers are getting ready for Christmas and, although the extreme changes in the weather have had some effect on certain plants, the stock in general is good and will quickly be disposed of. The azaleas show the effect of the dry season in Belgium and the early varieties are not so full of buds, nor are they so far advanced as in other years. Large plants in full bloom will demand high prices.

The retailers are hoping for somewhat lower temperature prior to Christmas, for large quantities of flowers will be shipped in from Chicago and they will travel better in colder weather.

R. E.

NEW BEDFORD, MASS.

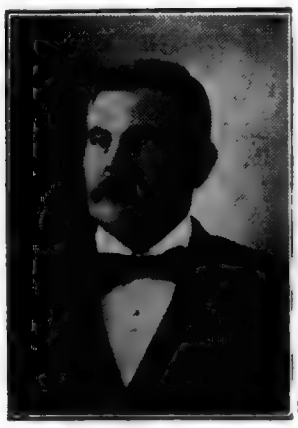
Business is fairly good, the supply of flowers is adequate and prices remain about the same as usual. Stevia and candytuft help out, also sweet alyssum. Flowering plants sell fairly well, also nice ferns.

E. H. Chamberlain was in Boston and vicinity last week, looking up stock for Christmas.

H. A. Jahn is cutting nice candytuft.

W. L.

Fulton, Ill.—John Aggen, the vegetable grower on Seventeenth avenue, has added two new houses this season, and will use one of them for carnations and other flowers. His range now covers an area of over 12,000 square feet.



Ageratums—Stella Gurney, Little Blue Star and Imperial White, 60c 100, $5.00 1000, prepaid.

Alternantheras—Red and yellow, 60c 100, $5 00 1000, prepaid.

Coleus—All of the best named varieties, 70c 100, $6 00 1000, prepaid.

Feverfew—Little Gem, $1.25 100, $10.00 1000, prepaid.

Fuchsias—All named varieties, $1.50 100, $12.00 1000, prepaid.

Verbenas—The best select varieties, 70c 100, $6.00 1000.

C. HUMFELD, Clay Center, Kan.

Mention The Review when you write.

Ferns, Cyclamen, Hydrangeas

Remember us for Ferns in variety. We have an excellent lot of **Boston Ferns, Plumosus** and the new **Roosevelt.**

We are now ready to ship excellent **Cyclamen Seedlings** in 6 varieties, separately labeled, at $1.50 per 100; $12.50 per 1000. Very good imported strain.

We also solicit your orders for **Hydrangeas** for forcing, at 15c and 25c.

Yours for fairness.

D. U. Augspurger & Sons Co.

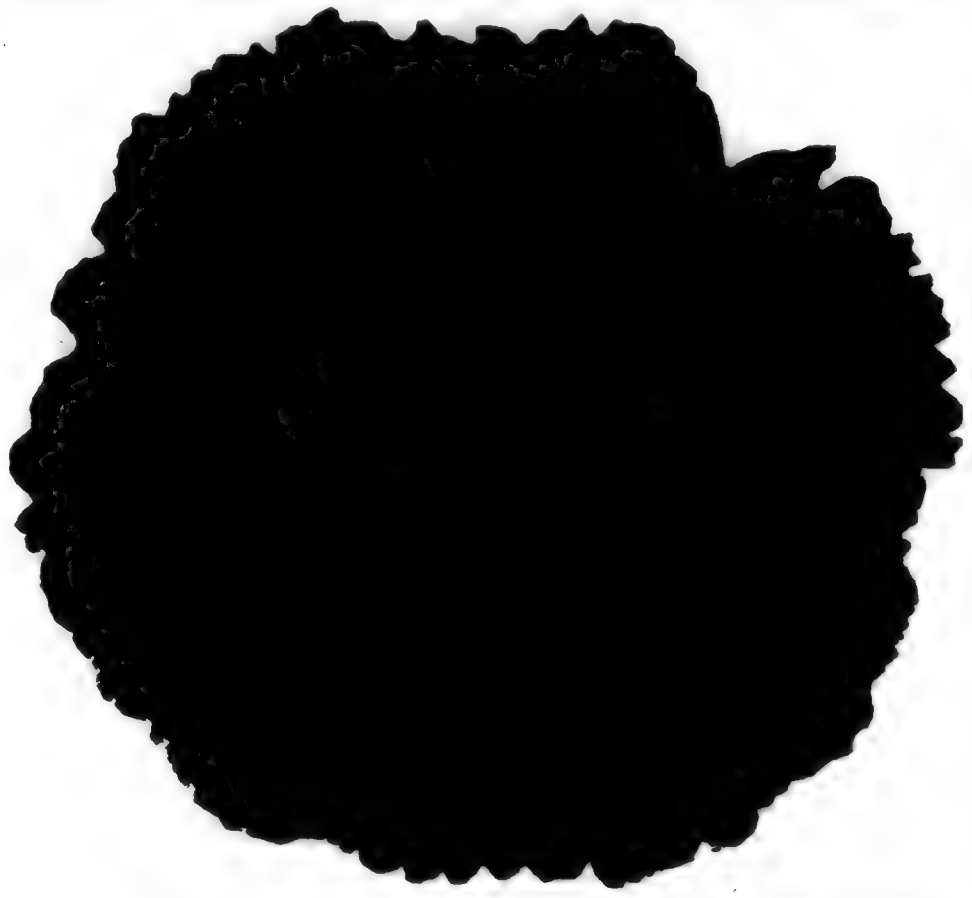
PEORIA, ILL.

Mention The Review when you write.

Good keeping and shipping qualities are one of the best assets a carnation can have.

ST. NICHOLAS

ships and keeps well, as is shown by the following letter:



Philadelphia, Pa., Nov. 29, 1911.

Messrs. Baur & Steinkamp,
Indianapolis, Ind.

Gentlemen: The writer thought you might like to know a little bit more of the St. Nicholas carnations you sent here last week. They arrived Saturday morning, November 25, in first-class condition. They were here on exhibition all day, the writer took them home, and this morning, November 29, they are still in perfect shape.

It is a wonderful keeper. You must have cut these at least Thursday night, because to get them here by Saturday morning they would have to be shipped from Indianapolis Friday morning. This speaks remarkably well for this variety, considering that it had to travel almost a thousand miles to get here, and we predict for it a bright future.

Yours respectfully,
Henry F. Michell Co.
Paul F. Richter, General Manager.

Everywhere that we have exhibited St. Nicholas this fall it was invariably conceded the best scarlet on exhibition. Scored high every time. 87 points at Chicago Dec. 7th, and one-third of the blooms staged had been exhibited at Indianapolis Dec. 5th. Come and see how free it is. Send in your order now. $12.00 per 100; $100.00 per 1000.

BAUR & STEINKAMP

Carnation Breeders Indianapolis, Ind.

Mention The Review when you write.

ROOTED ROSE CUTTINGS NOW READY

Kaiserin, per 100	$3.50	Per 1000	$25.00
Perles, per 100	3.50	Per 1000	25.00
My Maryland, per 100,	2.00	Per 1000	15.00

All first-class stock, well rooted.

BASSETT & WASHBURN

Office and Store
131 N. WABASH AVE., CHICAGO

Greenhouses
HINSDALE, ILL.

ALWAYS MENTION THE **FLORISTS' REVIEW** WHEN WRITING ADVERTISERS

NOVELTIES
IN
CHRYSANTHEMUMS, CARNATIONS AND ROSES

In CHRYSANTHEMUMS

We will distribute the usual **high-class** list of six or more of Mr. Pockett's Australian varieties, which will include Mrs. Geo. Burke, a grand bronze; Mrs. A. M. Henshaw and Annie L. Angus, whites; Mrs. Harry Turner, crimson, and Mrs. Gilbert Drabble, a lovely white, besides several other seedlings of surpassing merit.

In NEW ROSES

We are putting out the yellow "Sunburst," in conjunction with the E. G. Hill Co.—the giant yellow that creates a sensation wherever shown.

In CARNATIONS

We are distributing Wodenethe, **the white** you have been waiting for. It has been called the most perfect Carnation ever raised—a fancy in every sense of the word.

Brooklyn, a cerise pink; a "bread-and-butter" Carnation that will produce more from a given space than any Carnation I know of.

COME AND SEE THESE VARIETIES GROWING

¶ You will also see our 1911 varieties of Carnations and Roses—Princess Charming and White House in Carnations, and Lady Hillingdon in Roses, which is going to take the place of all other medium-sized yellows as a commercial florists' flower.

CHAS. H. TOTTY, Madison, N. J.



Giant-Flowering Cyclamen

For the last 15 years we have selected three-fourths of our seed bearing Cyclamen stock before Xmas, to assure early blooming plants, and claim the finest commercial strain in this country; no fizzle of many so-called English varieties. Our aim is strong growers, that don't have to be petted to be grown into a choice salable plant—a well built, five petaled flower (many of them at one time), with well marked foliage; every plant an ideal, a prize-winner. Received first and second prizes at the Toledo Florists' Club meeting early in November, when blooming Cyclamens were scarce. Strong August seedlings, now ready for a shift, $2.00 per 100, $18.00 per 1,000; once transplanted, $3.00 per 100, $25.00 per 1,000; 3-inch, 4-inch, 5-inch and 6-inch plants, for this season's blooming, at from 10c to 75c each. Cash with order.

Christ. Winterich

Cyclamen Specialist Defiance, Ohio

Mention The Review when you write.

CLEVELAND.

The Market.

The warm weather of the last week has done wonders for the Christmas crops, and the present indications are for a good cut of Killarneys, Beauties, carnations and practically all other flowers.

The market has been fair, supply and demand being about equal. The quality of the Killarney roses is notably fine, some elegant buds being seen on 42-inch stems. The prospects are for a good crop of this grade of stock for Christmas. Supplies of all kinds have been moving nicely, which shows that buyers are stocking up early and avoiding the rush.

Various Notes.

The Smith & Fetters Co. had the decorations for one of the largest weddings of the year, the Hoyt-Mather affair, December 2. It was in the Second Presbyterian church. Over 1,000 large Yellow Chadwick mums were used.

The McCallum Co. reports a marked increase in the supply business in the last month. They have a full line of Christmas novelties, as well as the staple goods. This concern also is handling white lilac of good quality.

A crowd of Cleveland florists visited L. L. Lamborn's greenhouses at Alliance last week and found the place in fine shape. The Beauties and Killarneys are timed just right for a Christmas crop.

Knoble Bros. had the decorations for the Hexter-Stein wedding at the Excelsior Club, December 7. The display was elaborate and elicited much favorable comment.

Mr. and Mrs. Copas, of Elyria, were recent visitors.

D. R. White, of Sandusky, was in Cleveland last week, buying Christmas supplies. F. A. F.

ORCHIDS

Greatest quantity and variety in the country, and for all purposes. We are now booking orders for **freshly** imported stock for next year. Write for prices.

LAGER & HURRELL, Summit, N.J.

Mention The Review when you write.

STOCK ALWAYS NEEDED

Small Ferns for dishes—Pteris Mayii, Serrulata Cristata Variegata, Wimsetti, Cretica Albo-Lineata, $3.00 per 100, $25.00 per 1000.

Aspidium Tsussimense and Cyrtomium Falcatum, $3.50 per 100, $30.00 per 1000.

Asparagus Plumosus, 2½-in., $3.00 per 100, $25.00 per 1000.

Asparagus Sprengeri, 2½-in., $2.50 per 100, $22.00 per 1000.

Pandanus Utilis, 3-in., $10.00 per 100; 4-in., $20.00 per 100.

Cocos Weddelliana, 2½-in., $10.00 per 100.

Kentia Belmoreana and Forsteriana—Made-up and single plants, all sizes. Special value in made-up Forsteriana, 4 plants in 8-in. tubs, 40 to 44 in. high, $4.00 each; 8-in. tubs, 44 to 48 in. high, $5.00 each (very bushy).

Genista Racemosa—6-in. pot plants, $25.00 per 100; very heavy 4-in. pot plants, at $15.00 per 100.

Hydrangea Otaksa—Fine pot grown plants, 5-in. pots, 2 to 3 flower shoots, $20.00 per 100.

BEDDING STOCK.

You will want to start soon.

Heliotropes. Czar, Czarina, Jersey Beauty, etc., $2.50 per 100; Centifleur (giant), $3.50 per 100.

Lantanas, 8 fine varieties, $3.00 per 100.

Coleus—Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.

Moonflower—Buy now to propagate from, $3.00 per 100.

Geraniums—Standard market sorts, established plants, $3.00 per 100, $25.00 per 1000.

Flowering Begonias, good assortment, $3.00 per 100.

Croton Aurea Maculata—3-in. pot plants, $8.00 per 100.

English Ivy—Strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.

Violet—Hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000.

THE STORRS & HARRISON CO.,

Painesville, Ohio.

Mention The Review when you write.

Chrysanthemums and Asters

ELMER D. SMITH & CO., ADRIAN, MICH.

Mention The Review when you write.

ORCHIDS

We are now booking orders for the **Spring Importations.** Placing orders now insures to you an early delivery and **best results.**

Send for Catalogue.

G. L. FREEMAN, Wellfleet, Mass.

Mention The Review when you write.

FERNS---ROSES ....BEGONIAS....

Amerpohlii, Barrowsii, Scottii, Elegantissima, Boston, Jacksoni, Piersoni, Sword, Whitmani, 2½-in. pots, $4.00 per 100; 4-in., $15.00 per 100.

Rex Begonias, assorted varieties, 3-in. pot plants, $5.00 per 100; $45.00 per 1000.

Roses our specialty. Ask for quotations.

The Dingee & Conard Co., West Grove, Penna.

Mention The Review when you write.

The E. G. Hill Company, Richmond, Ind.,

OFFER OF

Carnation Cuttings

¶We grow plants for the production of Cuttings, from which all flowering shoots are removed. These produce the strong, vigorous Cuttings which have made our stock famous. We have now ready for December delivery 150,000 well-rooted Cuttings. ¶An early start is the prime requisite for fine flowers next October. Get your Cuttings early. Get good stock and the battle is half won.

We guarantee good, healthy, strong, well-rooted Cuttings. ORDER NOW

STANDARD VARIETIES

Scarlets

Bonfire (Novelty 1911)—Velvety scarlet, valuable for its fine color from the very beginning of the season, when **Beacon** and **Victory** are inclined to be dull and muddy. A good clean grower, easily propagated. Well liked by commission men. $6.00 per 100; $50.00 per 1,000.

Scarlet Glow Dorner's novelty of 1910; brilliant scarlet, clean and wiry. $3.00 per 100; $25.00 per 1,000.

Beacon Still "the" standard red; probably the freest carnation in existence. $3.00 per 100; $25.00 per 1,000.

Victory Deep scarlet. $3.00 per 100; $25.00 per 1,000.

Whites

White Wonder A greatly improved **White Perfection**, which begins blooming in September and continues throughout the season; snow-white, fragrant, absolutely perfect in form, large in size, on stiff stems, healthy and free and an easy rooter; grand in every way; makes nice big field plants. The only variety that threatens to pass **White Enchantress** in the race. We have one of the largest stocks in the country in perfect condition. $6.00 per 100; $50.00 per 1,000.

White Enchantress Ours is the **Pure White** Western strain. We have an enormous quantity planted for Cuttings which are a joy to behold; come and see it growing. $3.00 per 100; $25.00 per 1,000.

White Perfection $3.00 per 100; $25.00 per 1,000.

Pink Varieties

Princess Charming (1911)—An extra fine traveler and keeper; runs a shade deeper than **Enchantress** in Winter, with a longer, stiffer stem, and produces equally well, and positively will not split; expected to displace **Enchantress.** $6.00 per 100; $50.00 per 1,000.

Gloriosa (1911)—A grand shade of pure pink; a trifle darker than **Pink Delight**, without the salmon shade. Lovely in color, early, free and continuous; size, large with full center; form, very perfect. Dorners consider this one of the very best of their introductions for commercial purposes. $6.00 per 100; $50.00 per 1,000.

Dorothy Gordon An improved Rose-pink Enchantress; constant rose-pink shade; grand in growth; very free in production of bloom. A very profitable variety. $3.00 per 100; $25.00 per 1,000.

Mrs. C. W. Ward A perfectly formed flower with full center; color, deep pink, several shades lighter than Lawson, deeper than Winsor, having strong, erect stems 24 to 36 inches in length. A vigorous, healthy grower and has never shown disease of any kind. A very early and free bloomer, producing fine flowers as early as September 1. The leader in its shade of pink. $4.00 per 100; $30.00 per 1,000.

Pink Delight This variety is in a class quite by itself; the color is brilliant salmon pink; the form could not be more perfect; very free, grand keeper; its one peculiarity of being a "fussy" variety in the cutting bench will always make it high-priced, but the cut blooms more than offset this expense. $4.00 per 100; $35.00 per 1,000.

Bright Spot (1911)—Pure bright dark pink of even shade; size, 3½ inches, an early and continuous bloomer, brings fully 25 per cent more flowers than old Lawson at its best; flowers well-shaped on long wiry stems; calyx does not split; a good shipper and easy rooter. $6.00 per 100; $50.00 per 1,000.

May Day Satin-Pink; has a fine stem, strong calyx, and is probably the freest of any pink variety. $3.00 per 100; $25.00 per 1,000.

Enchantress $3.00 per 100; $25.00 per 1,000.

Rose-pink Enchantress Carefully selected strain. $3.00 per 100; $25.00 per 1,000.

Wodenethe (C. H. Totty)

Without doubt the largest pure white carnation ever introduced. Habit is good, throwing long, stiff stems crowned with enormous flowers of good texture and beautifully symmetrical. It scored 90 points before the American Carnation Society. $12.00 per 100; $100.00 per 1,000.

Rosette (Dorner)

Darker than Rose-Pink. Brighter than Lawson. Growth of the very best. Size, very large. Highly recommended by these renowned raisers. $12.00 per 100; $100.00 per 1,000.

Benora (Peter Fisher)

Clear white, penciled with bright red. Narrow foliage; long stems. Flowers large, freely produced. $12.00 per 100; $100.00 per 1,000.

St. Nicholas (Baur & Steinkamp)

Blooms from September to July. Size, 3½ inches. Color, **Victory** red. Stems always long, always stiff. Free and constant. $12.00 per 100; $100.00 per 1,000.

The New Carnation, BROOKLYN

A Reincarnation of the Old William Scott, but embodying additional and more important qualities

THE NEW "HELEN" PINK A beautiful Deep Pink after the style of the old William Scott, lighter than Lawson, grand under artificial light. Highly built-up center, petals fringed, habit of growth all that could be desired. Very easy propagator, fastest growth of any Carnation. Flowers 3-in. and larger. **Preliminary scoring, New York Florists' Club, 86 points. "Certificate of Merit" Horticultural Society of New York. TO BE DISSEMINATED 1911-1912.**

ROOTED CUTTINGS, ready now, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate.

Charles Weber
GROWER
Lynbrook, Long Island, **New York**

R. G. WILSON
Fulton Street and Greene Avenue
BROOKLYN, N. Y.

CHAS. H. TOTTY
Madison, N. J.

DETROIT.

Various Notes.

The rose and carnation show to be held here next January is already receiving much publicity in the Detroit papers. In Sunday's Free Press there appeared advertisements from nearly every florist in the city, covering a page and one-half, with a large heading across the top and a column write-up announcing the show.

Breitmeyer's windows are ringing in the holidays with myriads of bells suspended from above.

An immense snow-white bell with appropriate surroundings is proclaiming Santa Claus in E. A. Fetters' window.

Mums are all gone, with one exception. The beautiful white pompon, Helen Newberry, now about to be disseminated by Fred Breitmeyer and Fred Pautke, is still available on the local market.

The opening of a large bowling alley in Detroit last week resulted in B. Schroeter having a big decoration this week.

Wm. Dilger has on hand 1,500 Christmas trees, of exceptionally fine quality, which will help gladden the hearts of many Detroit children.

Seasonable weather is always best for business, and no one knows it better than Albert Pochelon, of the Bemb Floral Co. Nevertheless Mr. Pochelon is rejoicing at the "just-like-summer" weather we are having, as it enables the contractor working on his building to make good progress. In another week the roof will be on the place.

The enlarging of the basement and rebuilding of the rear of J. F. Sullivan's store is now completed. What was formerly a dark, crowded room is now a splendidly arranged, well lighted work and shipping room. Mr. Sullivan is well pleased with business so far this season.

Ferdinand Kolbe is busy getting a stock of mum plants for next season. Mr. Kolbe is wise in looking into the retailers' requirements and growing accordingly. H. S.

Mitchell, S. D.—The Newburys, proprietors of the Mitchell Greenhouses & Nurseries, have secured the local agency for the Day Utility Car, made in Detroit by the Day Automobile Co. The machine is so constructed that it can be quickly transformed from a touring car into an attractive and roomy light delivery car.



MILLER'S GIANT OBCONICAS

are the best selling plants on the market when in bloom. The engraving shows a few of our seed plants last January. Flowers average larger than silver dollars, with long stems, on a well-grown plant They are a sure money-maker for you. Extra strong, 3-in. stock, $5.00 per 100.

Cyclamen Giganteum, in bud, 4 in., $10.00 per 100; 3-in., $5.00 per 100.

Cinerarias, the largest flowering grown, strong 3-in., $3.50 per 100.

Asparagus Plumosus, large 3-in., $4.00 per 100; 2-in., $2.50 per 100. **Asparagus Sprengeri,** 2-in., $2.00 per 100.

Chinese Primrose, extra fine large flowering, 3-in., $4.00 per 100. **Kewensis Primrose,** sweet-scented, for cut flowers and pot plants, 3-in., $4.00 per 100.

Dracaena Indivisa, extra strong, field-grown, 18 to 24 in. high, 3-in., $3.00 per 100; 4-in., $4.00 per 100. Packed light.

These are all well-grown plants and will please you. Cash, please.

J. W. MILLER, Shiremanstown, Pa.

Mention The Review when you write.

Cyclamen Cyclamen

Fine, in bud and bloom.
5-inch, 50c; 6-inch, 75c; 7-inch, $1.00

FERNS

Whitmani, Boston, Scholzeli,
5-inch.....25c 6-inch.....40c

Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Always mention the Florists' Review when writing advertisers.

Pot-Grown Ferns

NEPHROLEPIS
Scottii, Whitmani, Bostoniensis, Piersoni
4-inch, 15c each; 5-inch, 25c each; 6-inch, 50c each; 7-inch, 75c each; 8-inch, $1.00 each.
Large plants .....$1.50 to $3.00 each

ASPLENIUM NIDUS AVIS
(Bird's nest fern)
5-inch $0.75

CIBOTIUM SCHIEDEI
7-inch $2.00
9-inch 5.00
10-inch tub 7.50

PALMS
Areca Lutescens, 3-inch, 15c; 4-inch, 25c; 6-inch, $1.00; 9-inch, $5.00; 10-inch tub, $6.00.
Latania Borbonica, 4-inch, 20c; 5-inch, 30c.
Kentia Forsteriana—
4-inch pots.....$25.00 and $35.00 per 100
5-inch pots..... 50.00 and 75.00 per 100
6-inch pots..... 1.00 each
7-inch pots..... 2.50 each. Fine plants.
Kentia Forsteriana—
Combination .....$3.00 to $15.00 each
Kentia Belmoreana—
3-inch pots .....$18.00 per 100
4-inch pots .....$25.00 and 35.00 per 100
5-inch pots ..... 50.00 and 75.00 per 100
Kentia Belmoreana—
Larger plants,.....from $2.50 to $10.00 each
Cocos Weddelliana, 2½-inch pots..$15.00 per 100

FICUS PANDURATA
5-inch $0.75
6-inch 1.50
8-inch 3.00

FICUS ELASTICA
4-inch $0.25
5-inch ..... .35
6-inch .....50c and .75
7-inch .....75c and 1.00

DRACAENA MASSANGEANA
5-inch $1.00
6-inch 1.50
7-inch 2.50
8-inch 3.00

DRACAENA TERMINALIS
4-inch $0.35
5-inch ..... .50

DRACAENA LORD WOLSELEY
4-inch $0.35
5-inch ..... .75

PANDANUS VEITCHII
4-inch $0.50
5-inch ..... .75
6-inch 1.00
7-inch 1.50
8-inch 2.00

PANDANUS UTILIS
2½-inch $0.06

ASPIDISTRAS
Variegated, 5-inch, strong.....$1.25
Green, 6-inch, strong..... 1.00

ARAUCARIAS
Compacta, 5-inch $1.25
Compacta, 6-inch 1.75
Excelsa, 5-inch ..... .50
Excelsa, 6-inch .....75c and 1.00

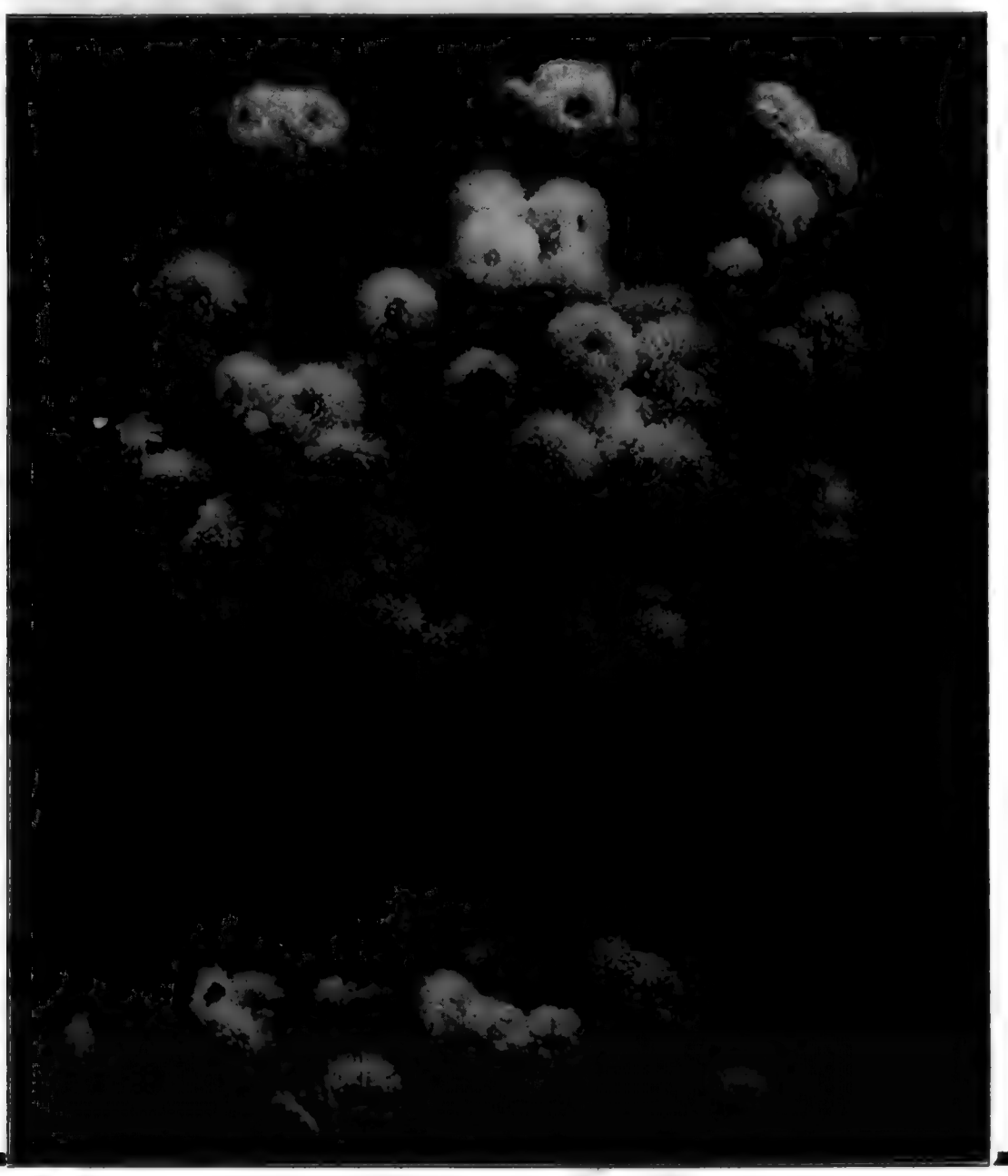
CHINESE PRIMROSES
4-inch $0.10
5-inch ..... .20

PRIMULA OBCONICA
4-inch $0.10
5-inch ..... .25

ASPARAGUS SPRENGERI
2¼-inch.....$3.00 per 100

ASPARAGUS PLUMOSUS
2¼-inch $0.04
3 -inch ..... .08

JOHN BADER CO.
1826 Rialto St., N. S., PITTSBURGH, PA.



The new late white Pompon,

Helen Newberry

just as good and a little better than the popular variety, Diana, which it follows in fine for Thanksgiving and up to Christmas. Its record, Committees N. C. S.:

Chicago, scored 90 points. New York, scored 88 points. Cincinnati, scored 91 points.
Won Silver Cup in Detroit, best undisseminated Pompon.
Won $50.00 in Gold, Detroit Show, best display Pompon.
Won 1st, best Pompon Detroit show.

Delivery March 1, 1912.
Orders filled in rotation.

Prices:
100 for..... $15.00
50 for..... 7.50
25 or..... 5.00
12 for..... 3.00

Send Orders to

FRED PAUTKE, Grosse Pointe, Mich.
or
FRED BREITMEYER, Mt. Clemens, Mich.

Mention The Review when you write.

Special—Ferns

For Holiday Trade

4, 5, 6, 7, 8 and 10-inch **BOSTON and WHITMANI.**
4, 5 6, 7 and 8-inch **AMERPOHLII and SCOTTII.**
4, 5 and 6-inch **PLUMOSUS.**
4, 5 and 6-inch **ROOSEVELT.**
Order quick from Geo. A. Kuhl, Pekin, Ill.
Look over our other advs. in this issue. Write or wire us up to the last minute for **Azaleas, Begonias, Cyclamen, etc.**

GEO. A. KUHL
Wholesale Grower · PEKIN, ILL.

Always Mention the Florists' Review when writing advertisers

SMITH'S ADVANCE

The Earliest Large-flowered
WHITE CHRYSANTHEMUM

We offer young stock from one of the most celebrated growers, 2-in. pots, **$1.25** per dozen, **$10.00** per 100.
Stock grown to your order.

A. L. RANDALL CO.
66 E. Randolph St., CHICAGO, ILL.

Always mention the Florists' Review when writing advertisers.

Rooted Cuttings

We are specialists in this line and with years of experience, we have the finest cuttings in the country. Let us convince you with an order and you will want more.

Begonias, flowering kinds, $1.75 per 100.
Verbenas, 70c per 100; $6.00 per 1000.
Pelargoniums, $2.50 per 100.
Ageratums, 60c per 100; $5 00 per 1000.
Daisies and **Salvias,** $1 per 100; $8 per 1000.
Petunias, $1 25 per 100; $10.00 per 1000.
Coleus, 70c per 100; $6.00 per 1000.

All good varieties and named.
Express paid on all rooted cuttings.
Cash with order.

S. D. BRANT, Clay Center, Kan.

Always mention the Florists' Review when writing advertisers.

ROSES IN CALIFORNIA.

[Concluded from page 102.]

a distance and then the loss is much heavier.

In topping the stock the rose grower has another good chance to distinguish himself. Whether to do it early or wait until later is often an enigma, and if one were always sure of the weather much extra work could be avoided and there would be less danger from wind and rain. Heavily irrigated roses show little inclination to become dormant, and when dug in the fall and covered with young foliage are in anything but satisfactory condition for transplanting. On the other hand, when there has been no irrigation and the stock has been allowed to dry off naturally there is no difficulty in digging, no danger of heating during transit, no dying back when replanted and no kick from the purchaser.

Another point should be mentioned here. Non-irrigated roses can be dug with perfect safety as early as October, and from that time on there is no difficulty in handling them until April 1. This gives the grower a splendid chance to dispose of his stock at such times as best please his customers in the many parts of the country. Digging, when possible, should always be done with a tree-digger, as the buyers have become quite as particular in the matter of roots as they always have been with tops.

One might ramble on indefinitely about the varieties of roses, both new and old, and the peculiar conditions favorable to certain kinds and classes, but it is not the intention to go into details along these phases. In conclusion I will remind you that the demand for properly grown field roses was never greater than it is at the present moment in California, and although quite a few growers have "gone broke," to use a common expression, in our state, it was because invariably they had overlooked or did not consider the importance of one or more of the points that I have endeavored to impress on you.

Fine Dahlias

Field Clumps from divisions of **Augusta Victoria,** white; **Red Hussar** and **Jack Rose,** two fine reds **Queen of Yellows** and **Mary D. Hallock,** for yellow; and **Sylvia,** the best pink.

Two best red Gladioli:

Mrs. Francis King **Princeps**

Write us for prices

Cushman Gladiolus Co.,

SYLVANIA, OHIO.

Mention The Review when you write

Asparagus Plumosus, 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Asparagus Sprengeri, 2-in. pots, $2.00 per 100; 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Smilax, 3-in. $4.00 per 100.

Ferns, Boston, Whitmani, Scottii and **Scholzeli,** 4-in. pots, $2.00 per doz.; 5 in., $3.00 per doz.

Dracaena Indivisa, 3-in. pots, $4.00 per 100.

Daisies, white, Paris, Giant, 2½-in. pots, $3.00 per 100.

Clematis Paniculata, strong plants, 2-yr.-old, $10.00 per 100; 1-yr.-old plants, $5.00 per 100.

Hardy English Ivy, 4-in. pots, $10 00 per 100; 3-in. pots, $5.00 per 100.

C. EISELE

11th & Westmoreland Sts., Philadelphia, Pa.

Mention The Review when you write.

SOME GOOD STOCK!

Carefully packed, at bargain prices, with enough extras added to nearly pay express charges for early orders. Everything in abundance. Correspondence solicited.

CHINESE PRIMROSES, extra large, 4-in., double and single, in bud and bloom, fancy colors, mixed, $8.00 per 100.

PRIMULA OBCONICA, 4-in., fancy, mixed, in bud and bloom, $5.00 per 100.

ASPARAGUS SPRENGERI, large 4-in. plants, $6.00 per 100; good 2½-in., $2.50 per 100.

ARAUCARIA EXCELSA, extra fine plants, 75c each.

AZALEAS, large plants, 75c each.

SMILAX, fine 2½-in. stock, $2.00 per 100.

CYCLAMEN, extra fine 3-in. plants, 6 colors, in bud and bloom, $8.00 per 100.

FERNS, BOSTON, SCOTTII and **ELEGANTISSIMA,** from pots, 10c, 15c and 20c each, according to size.

JERUSALEM CHERRIES, 2½-in., $2.50 per 100.

SNAPDRAGONS, white, pink and yellow; fine 3-in. plants, $5.00 per 100, $45.00 per 1000.

CINERARIAS, extra large 3½-in. healthy plants, of fancy kinds, $5.00 per 100; 2½-in., $3.00 per 100.

MARGUERITES, white and yellow, large 2½-in plants, $2.25 per 100; $20.00 per 1000.

HELIOTROPES, light blue, dark blue and white; large 2½-in., $2.50 per 100; $22.50 per 1000.

75,000 2½-in. **GERANIUMS** now ready. **BEAUTE POITEVINE, RICARD, GRANT, S. A. NUTT, BUCHNER, MONTMORE, PERKINS, MME. ROSELEUR,** etc.; large plants, true to name, $2.50 per 100; $22.50 per 1000. A bargain; try them.

SOMETHING NEW
CLIMBING CRIMSON BABY RAMBLER ROSE BUSHES

Very branchy, over 3½ feet tall, just right for spring forcing. For immediate or later shipments, 65c each; $6.00 per dozen.

PURE GREENHOUSE FERTILIZER

will make your plants and carnations grow and bloom. $2.50 per bag.

ALONZO J. BRYAN

Wholesale Florist, WASHINGTON, NEW JERSEY

Mention The Review when you write

ELEGANT FERNS for the HOLIDAY TRADE

Fine thrifty plants with dark, richly colored foliage. Ferns revel in our soil; you have never received better stock than we are offering.

Large stock of Elegantissima, also some Boston and Piersoni.

5-inch, 25c; 6-inch, 50c; 7-inch, 75c

THE H. WEBER & SONS CO., Oakland, Md.

Mention The Review when you write.

NIGHT LETTER

THE WESTERN UNION TELEGRAPH COMPANY

INCORPORATED

25,000 OFFICES IN AMERICA CABLE SERVICE TO ALL THE WORLD

This Company **TRANSMITS** and **DELIVERS** messages only on conditions limiting its liability, which have been assented to by the sender of the following **Night Letter.**

Errors can be guarded against only by repeating a message back to the sending station for comparison, and the Company will not hold itself liable for errors or delays in transmission or delivery of **Unrepeated Night Letters,** sent at reduced rates, beyond a sum equal to ten times the amount paid for transmission; nor in any case beyond the sum of **Fifty Dollars,** at which, unless otherwise stated below, this message has been valued by the sender thereof, nor in any case where the claim is not presented in writing within sixty days after the message is filed with the Company for transmission.

This is an **UNREPEATED NIGHT LETTER,** and is delivered by request of the sender, under the conditions named above.

THEO. N. VAIL, President **BELVIDERE BROOKS, General Manager**

RECEIVED AT Cor. Jackson Boulevard and La Salle Street, Chicago. ALWAYS OPEN

a-70 d. cl. 28 n. l.

Denver, Colo., Dec. 12, 1911.

Florists' Review,

508 South Dearborn St., Chicago, Ill.

Cut out our advertisement and run this telegram instead. Begonias of all kinds and Primula Obconicas all sold. Azaleas and a few Cyclamen are all we have left.

The Park Floral Co.

3.09 a. m., 13th.

MONTREAL, CAN.

At the annual meeting of the Montreal Gardeners' and Florists' Club, in the Royal Guardians' building, the report for the past year showed the club to be in a good financial position.

Officers elected are: President, Wm. C. Hall; first vice-president, E. J. Hayward; second vice-president, W. S. Watts; secretary-treasurer, W. H. Horobin; assistant secretary, H. J. Shoning; committee, J. Walsh, W. G. Pascoe, J. Pidduck, C. Byford, G. Miles, J. Luck; corresponding secretary, E. J. Hayward.

The annual dinner will be held in January. Arrangements are under way for a chrysanthemum show next November on entirely new lines, and a magnificent display is anticipated.

Progress is also being made for the convention of the Canadian Horticultural Association here next August. The president, A. C. Wilshire, and secretary, J. Luck, are both active members of the local club.

A vote of thanks was tendered the retiring president, W. R. Whiting.

Flushing, N. Y.—Michael F. Loughman is the new proprietor of the greenhouses formerly owned by A. L. Thorne, at the corner of Colden and Hillside avenues.

Canandaigua, N. Y.—Edward Sick proposes to establish a nursery with the land recently acquired, believing it the better policy, as, owing to excellent shipping facilities, he finds he can buy cut stock in season as cheaply as to grow it.

Plants that will bloom for Christmas

AZALEAS, 12/13, $1.00; 13/14, $1.25; 14/15, $1.50; 16/18, $2.50; 18/24, $3.50 each.

CINERARIAS, 2-inch, $5.00; 4-inch, $12.50 per 100.

CELESTIAL PEPPERS, 4-inch pots, $12.50 per 100.

POINSETTIAS, just beginning to show color, 3-inch, $10.00.

CYCLAMEN, 2½-inch, $5.00; 3½-inch, $10.00; 4-inch, $20.00.

PRIMROSES in variety, Chinese and Obconica, 2½-inch, $5.00; 3-inch, $8.00.

GLOIRE DE LORRAINE BEGONIAS, 3-inch, 20 cents; 4-inch, 30 cents; 5-inch, 60 cents. Luminosa, 2½-inch, $5.00; 3-inch, $10.00; 4-inch, $20.00; 5-inch, $40.00. Rex, 2½-inch, $5.00; 3-inch, $10.00; 4-inch, $25.00. Spiral Rex, 2½-inch, $7.50; 3-inch, $12.50; 4-inch, $25.00.

Other flowering Begonias, 2½-inch, $5.00; 3-inch, $8.00; 4-inch, $12.50. If you want Hydrangeas, Crimson Ramblers, Baby Ramblers, Climbing Baby Ramblers for Easter forcing, send for our list.

GEO. A KUHL Pekin, Ill.

Mention The Review when you write.

Hydrangea Otaksa

For Easter and Decoration Day

6-inch, pot-grown, well branched and set with flower buds.

Otaksa, with 5 and 6 branches, at $20 00 per 100; 4 branches at $15 00 per 100. **Souvenir de Claire,** fine pink, same color as Gloire de Lorraine Begonia, same price; also 7-10 branches latter variety, $25.00 per 100.

Jackson & Perkins Company

Wholesale Florists and Nurserymen

Newark, Wayne Co., New York State

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Geraniums

SPECIAL OFFER

We will send 1000, 50 each of 20 varieties, our selection, from 2-inch pots, for $18.50; from 3-inch pots, for $25.00.

	2-inch Per 100	3-inch Per 100
Standard Varieties	$2.00	$3.00
Ivy-leaved and Scented	2.00	3.00
Silver Leaf Nutt, Mt. of Snow, Mrs. Pollock	3.00	4.00
Novelties (all the best, listed in our catalogue)		
Lobelia Kathleen Mallard	2.00	
Hardy English Ivy	2.00	3.00
Petunias, double, mixed	2.00	3.00
Verbenas, red, white, blue, variegated	2.00	3.00
Lemon Verbena, Aloysia Citriodora	2.00	3.00
Swainsona Alba	2.00	3.00

Cash with order, please.

R. Vincent, Jr., & Sons Co., White Marsh, Md.

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BEGONIA GLOIRE DE LORRAINE

6-inch, full of flowers and buds, ... $1.00 each
7-inch, full of flowers and buds, . . $1.00 and 1.50 each

Beautiful Whitmani Ferns

7-inch, in fine condition .....$0.75 each
8-inch, in fine condition ..... 1.00 each

Place your orders NOW and have them shipped any time between now and Christmas

Hayman Greenhouse Co., Clarksburg, W. Va.

Mention The Review when you write

Aschmann Bros., The Hustlers

NEPHROLEPIS Bostoniensis, 7-in. pots, 75c., 5½-in. pots, 40c each.

NEPHROLEPIS Scottii, 7-in. pots, 75c., 5½-in. pots, 35c. each.

NEPHROLEPIS Whitmani, 7-in. pots, 75c., 5½-in. pots, 35c. each.

NEPHROLEPIS Scholzeli, 5½-in. pots, 35c. each.

ADIANTUM Hybridum, 4-in. pots, 15c., 3-in. pots, 7c. each.

DISH FERNS, 2½-in. pots, $4.00 per 100. Good assortment.
Our Ferns are all pot-grown, not lifted, and will keep good in store.

BEGONIA LORRAINE, 3-in. pots, 15c. each.

COCOS Weddelliana, 3-in. pots, $2.00 per doz.

ARAUCARIA Excelsa, fine specimen plants in 7-in. pots, 5 to 6 tiers, 30 to 42 inches high, $1.25 and $1.50 each. 5½-in. pots, 3 to 4 tiers, 40-50-75c.-$1.00 each.

ASPARAGUS Plumosus, 4-in. pots, $8.00 per 100; 3-in. pots, $5.00 per 100.

RUBBER PLANTS, 5½-in. pots, 18 to 24-inches high, 40c. each.

CYCLAMEN, 6-in. pots, 75c., very fine.

Cash with Order.

ASCHMANN BROS., Second and Bristol Streets and Rising Sun Avenue, Philadelphia, Pa.

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XMAS PLANTS

READY NOW AND LATER

GLORY OF CINCINNATI
3-inch, 25c to 35c each; 4-inch, 40c to 50c each; 5-inch, 65c to $1.00 each.

CYCLAMEN
4-inch, 20c each; 5-inch, 35c to 50c each; 6-inch, 60c to $1.00 each.

OBCONICA GIGANTEA
4-inch, 15c each; 5-inch, 25c each.

PRIMULA, Chinese, Giant Crimson King
4-inch, 15c each; 5-inch, 25c each.

PRIMULA Kewensis, showing buds
4-inch, 15c each; 5-inch, 25c each; 6-inch, 40c each.

AZALEAS, assorted colors
$1.00 to $1.50 each.

POINSETTIAS, all short and stocky
2-inch, 5c each; 3-inch, 10c each; 4-inch, 15c to 20c each; 5-inch pans, three plants in each, 35c each; 6-inch pans, three plants in each, 50c each; 7-inch pans, three plants in each, 75c to $1.00 each.

STEVIA, Dwarf
5-inch, 25c each.

BOSTONS, PIERSONI and WHITMANI, stocky, fine color
3-inch, 8c each; 4-inch, 15c each; 5-inch, 40c to 50c each; 6-inch, 60c to 75c each.

FERNS, good assortment for pans
2¼-inch, $5.00 per 100.

ASPARAGUS PLUMOSUS
2-inch, $3.00 per 100; 3-inch, $6.00 per 100; 4-inch, $15.00 per 100.

CINERARIAS
5-inch, 25c to 35c each; 6-inch, 40c to 50c each.

CARNATIONS
4-inch, 15c each.

BEGONIA BERNA, in bloom, bright colors
4-inch, 15c each; 5-inch, 35c each; 6-inch, 50c each.

GERANIUMS, assorted colors, double
4-inch, 15c each; 5-inch, 25c each.

ROMAN HYACINTHS
4-inch, 20c each; 5½-inch pans, 50c each; 6-inch pans, 75c each.

LILIES, Giganteums
15c per flower.

ARAUCARIA EXCELSA, fine plants
4-inch, 75c each; 5-inch, $1.00 each; 7-inch, $2.00 to $3.00 each.

KENTIA BELMOREANA
3-inch, 20c each; 4-inch, 35c each; 5-inch, 75c each; 6-inch, $1.00 each.

C. H. FREY, Lincoln, Neb.

INDIANAPOLIS.

The Market.

Trade was fair last week. The market is shortening, but there is enough stock to go around. Carnations are not at all plentiful. Beauties are showing the effects of the cloudy weather. Chrysanthemums are of the past. Violets are selling unusually well this season. Some first-class Killarney, Richmond, Bride and Maid are to be had. Sweet peas are becoming more plentiful. Cypripediums are plentiful, but move slowly. Cattleyas are becoming more plentiful, some fine Trianæ being seen.

Club Meeting.

The regular monthly meeting of the State Florists' Association was held at the wholesale rooms of the Smith & Young Co., 134 North Alabama street, December 5. President Gause was in the chair, with about twenty-five members present. Four new members, Houston Tall, Thomas Hart, Earl Harger and Oliver Steinkamp, were elected. The association now has about 100 members. B. F. Hensley, W. W. Coles and J. S. Stuart were selected to investigate a bill prepared by the state entomologist regarding the inspection of plants. Albert Pittet, Albert Marshall and Charles Pahud were appointed to audit the secretary's and treasurer's books. Homer Wiegand, Herman Junge and Will Roepke were named to look after the entertainment for the annual meeting, which is to be held January 17. Baur & Steinkamp showed a vase of their new red carnation, St. Nicholas, which received favorable comment. Among the out-of-town florists present were W. W. Coles, of Kokomo; J. S. Stuart, of Anderson; B. F. Hensley, of Knightstown; George Gause, of Richmond, and W. H. Cossairt, of Shelbyville. After the meeting a Dutch lunch was served by Smith & Young Co.

Various Notes.

Geo. and Homer Wiegand have purchased a new 1912 Marmon automobile.

Ed. Bertermann is back at work after a short illness.

Adolph Baur spent a few days in Chicago last week. While there he exhibited his new red carnation, St. Nicholas, before the Chicago Florists' Club, where it scored eighty-seven points.

A. Wiegand & Sons are equipping another of their houses with cement benches. This firm intends to tear down three of the houses next summer and rebuild with two new ones.

The Roepke & Rieman Co. has an unusually fine lot of cyclamens for Christmas this year. H. L. W.

HERE YOU ARE
FOR SPECIALS

AGERATUM STELLA GURNEY	2½ inches	$ 2.00 per 100
AGERATUM STELLA GURNEY	3½ inches	3.00 per 100
ASPARAGUS PLUMOSUS	2½ inches	3.00 per 100
ASPARAGUS PLUMOSUS	3½ inches	7.00 per 100
ASPARAGUS SPRENGERI	2½ inches	2.50 per 100
ASPARAGUS SPRENGERI	3½ inches	5.00 per 100
BOSTON FERNS	2½ inches	3.00 per 100
BOSTON FERNS	3½ inches	8.00 per 100
BOSTON FERNS	4 inches	12.00 per 100
BOSTON FERNS	5 inches	18.00 per 100
CYCLAMEN GIGANTEUM	2½ inches	4.00 per 100
CYCLAMEN GIGANTEUM	3½ inches	7.50 per 100
CYCLAMEN GIGANTEUM	4 inches	10.00 per 100
GERANIUMS (assorted)	2½ inches	2.00 per 100
GERANIUMS (assorted)	3½ inches	3.50 per 100
GERANIUMS (assorted)	4 inches	4.50 per 100
GERANIUMS (assorted)	5 inches	7.00 per 100
MUM STOCK OF PRIZE WINNERS		3.00 per 100
ICE OR PICKLE PLANT	2½ inches	2.00 per 100
ICE OR PICKLE PLANT	3½ inches	3.00 per 100
SMILAX	2½ inches	2.00 per 100
SMILAX	3½ inches	3.00 per 100
MT. OF SNOW	2½ inches	2.00 per 100
MT. OF SNOW	3½ inches	3.00 per 100
TEA ROSES AND B. RAMBLERS	2½ inches	3.00 per 100
TEA ROSES AND B. RAMBLERS	3½ inches	5.00 per 100
UMBRELLA PLANTS	3½ inches	6.00 per 100
UMBRELLA PLANTS	4 inches	10.00 per 100

50,000 Carnations (cuttings), all varieties.
100,000 Geraniums, the finest in the land.

We grow your stock especially for you and deliver when wanted. Let us book you.

Our Carnations are of the best varieties and will give cuttings or sand rootings.

We are making a specialty of sixty-three varieties of bedding stock and will quote you prices that will astonish you. Write us your wants. Five per cent discount for January delivery to make room.

The Meredith Flower & Vegetable Co.
Libertyville, Illinois

Mention The Review when you write.

Wheeler's Light Pink Snapdragon
Very early and free, beautiful color.

R. Cameron writes:
(Page 986, The Florists' Exchange)
"James Wheeler exhibited three fine vases of Snapdragon, a pink variety which originated with him; it is most pleasing and more floriferous than any other variety."

Orders booked in rotation.
From 1¾-inch pots..... $4.00 per 100
CARNATION ENCHANTRESS
Rooted cuttings..... $2.00 per 100; $18.00 per 1000

JAMES WHEELER, Florist, Natick, Mass.
Mention The Review when you write.

Poinsettias for Xmas
$1.50 to $2.50 PER DOZEN

Send Your Orders Early

F. S. SMITH
330 W. 38th St., Indianapolis, Ind.
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F. Dorner & Sons Co.
LA FAYETTE, IND.
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DAHLIAS
We are growers of the very best; have a large collection to select from. Send for prices.

DAVID HERBERT & SON
ATCO, N. J.
Mention The Review when you write.

Mum Stock Plants
Monrovia, Halliday, Pacific Supreme, Balfour, Ivory, Winter Cheer, Charles Razer, Bonnaffon, Nagoya, Pompons, Quinola, Alma, Clarinda, $1.00 per dozen; $5.00 per 100.

COLLINGDALE GREENHOUSES
COLLINGDALE, PENNSYLVANIA

Always mention the Florists' Review when writing advertisers.

Special Holiday Values in Palms



KENTIA.

KENTIA FORSTERIANA—Made-up Plants

7-in. tubs, 3 plants in a tub, 38 inches high	$ 3.00 each
8-in. tubs, 3 plants in a tub, 40 to 42 inches high	4.00 each
8-in. tubs, 3 plants in a tub, 42 to 45 inches high	5.00 each
8-in. tubs, 3 plants in a tub, 4 feet high	6.00 each
9-in. tubs, 3 plants in a tub, 4½ feet high	8.00 each
10-in. tubs, 3 plants in a tub, 5 feet high	10.00 each
12-in. tubs, 3 plants in a tub, 5½ feet high	15.00 each
14-in. tubs, 3 plants in a tub, 6 feet high, heavy	20.00 each

PHOENIX ROEBELENII

Specimens, 6-in. pots, 1½ feet high, 2 feet spread	$ 2.00 each
Specimens, 8-in. tubs, 2 feet high, 2 feet spread	3.00 each
Specimens, 8-in. tubs, 2 feet high, 2½ feet spread	5.00 each
Specimens, 14-in. tubs, 3 feet high, 4½ feet spread	35.00 each
Specimens, 15-in. tubs, 3 feet high, 6 feet spread	50.00 each

PHOENIX CANARIENSIS

9-in. tubs, 42 to 46 inches high	$3.00 each
10-in. tubs, 46 to 48 inches high	4.00 each
11-in. tubs, 48 to 52 inches high	5.00 each

For a full and complete line of Decorative Holiday Plants, see our current Wholesale List.

ARECA LUTESCENS

4-in. pots, 3 plants in a pot, 15 inches high	$3.50 per doz.; $25.00 per 100
6-in. pots, 3 plants in a pot, 24 inches high	$1.00 each
9 in. pots, very bushy, splendid plants, 4 feet high	5.00 each

COCOS WEDDELIANA

The only large Cocos offered in the country; this is splendid holiday stock.

5-in. pots, 18 to 24 inches high	$0.75 each
7-in. pots, 30 to 36 inches high, splendid specimens	2.50 each
9-in. pots, 36 inches high, splendid specimens	5.00 each

KENTIA BELMOREANA

6-in. pots, 6 leaves, 24 inches high	$1.00 each
6-in. pots, 6 to 7 leaves, 28 to 30 inches high	1.50 each
7-in. tubs, 6 to 7 leaves, 42 to 45 inches high	4.00 each
10-in. tubs, 6 to 7 leaves, 48 inches high	8.00 each

A splendid lot of shapely specimens in 11-inch tubs, with 8 leaves, about 4 feet high, $10.00 each; this is an exceptional lot.

KENTIA FORSTERIANA

6-in. pots, 6 leaves, 28 to 30 inches high	$ 1.00 each
6-in. pots, 6 leaves, 34 to 36 inches high	1.50 each
7-in. pots, 6 to 7 leaves, 38 to 40 inches high	2.50 each
8-in. tubs, 6 to 7 leaves, 45 to 48 inches high	4.00 each
8-in. tubs, 6 to 7 leaves, 48 inches high	5 00 each
10-in. tubs, 6 to 7 leaves, 4½ to 5 feet high	6.00 each
11-in. tubs, 6 to 7 leaves, 5 to 5½ feet high	8.00 each
10-in. tubs, 6 to 7 leaves, 5½ to 6 feet high	10.00 each
11-in. tubs, 6 to 7 leaves, 6 feet high	15.00 each



COCOS WEDDELIANA.

HENRY A. DREER, 714 CHESTNUT ST., PHILADELPHIA, PA.

THE ABOVE PRICES ARE INTENDED FOR THE TRADE ONLY.

Mention The Review when you write.

JOHN SCOTT

Rutland Road and E. 45th St.,

BROOKLYN, N. Y.

Palms, Ferns AND Decorative Plants

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Julius Roehrs Co.

RUTHERFORD, N. J.

Palms, Plants, Orchids, Etc.

Send for Price List.

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CHAS. D. BALL

GROWER OF

PALMS, ETC.

Send for Price List

HOLMESBURG, - - PHILADELPHIA, PA.

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G. DREYER

Tel. 228 Newtown

Jackson Ave., ELMHURST, L. I.

DECORATIVE PLANTS

SPECIALTIES: Palms, Ferns, Araucarias, Cycas, Pandanus, Lilies.

DREYERII FERN. $25 per 100; $200 per 1000.

Mention The Review when you write.

PLANTS AND ROOTED CUTTINGS

Daisies, Giant Marg., white and yellow, R. C., 1c; 2-in., 2c; 3-in., 3c. Bellis or Hardy Double English Daisies, white and pink, $2.00 per 1000.

Dracaena, Indivisa, 2-in., strong, 1½c.

Asparagus Plum. Nanus, 2-in., 2c; 3-in., 4c.

Heliotropes, blue, R. C., ¾c; 2-in., 1½c; 3-in., 3c.

Primulas, Chinese Fringed mixed, and Obc. Grandif. mixed, fine strains, 2-in. need 3's, 1¾c.

Fuchsias, 5 kinds, R. C., 1¼c; 3-in., 3c.

Alternanthera, red and yellow, fall rooted, ½c.

Hollyhocks, double pink, yellow and red; also single mixed, will bloom next season, ¾c.

Canterbury Bells, single mixed. **Gaillardia Grandif.**, ½c. Cash. This stock will surely please you; also the prices.

E. W. BYER, Prop. S. Floral Co.

SHIPPENSBURG, PA.

Mention The Review when you write.

ANTON SCHULTHEIS, College Point, L. I.

Headquarters for

DECORATIVE and FLOWERING PLANTS

BOWLING

AT CLEVELAND.

The Cleveland Florists' Club has organized four bowling teams, as follows:

Christmas Bells—C. J. Zuske, A. Lingwen, George W. Smith, J. Blechschmidt, R. Wasco, C. J. Graham, captain.

Corsage Bouquets—Lars Andersen, H. P. Knoble, J. Rowland, C. E. Russell, Tim. Smith, Herbert Bate, captain.

Immortelles—J. Colpert, Guy Bate, P. Backhofen, W. Kruzen, W. Warnke, C. Schmitt, captain.

Funeral Sprays—George Bate, R. Hoffman, C. J. Kuchner, F. Ritzenthaler, W. Keyes, F. Friedley, captain.

The first games were rolled December 11, as follows:

Sprays.	1st	2d	3d	Immort's.	1st	2d	3d
Ritzenth'r	153	133	184	Bate	118	111	117
Hoffman	136	123	127	Colpert	115	169	110
Kuchner	145	130	133	Backhofen	114	109	93
Bate	140	130	121	Warnke	149	141	160
Friedley	129	...	146	Schmitt	141	173	143
Keyes	..	90	..				
Totals	703	606	711	Totals	637	703	623

F. A. F.

AT NEW YORK.

There will be a handicap contest for Christmas turkeys December 22, open to members of the New York Florists' Club only. Thursday, December 21, "Gardeners' day" begins with a prize bowling contest at 3 p. m., followed by a banquet. The entire fifth floor of Thum's, Thirty-first street and Broadway, has been secured for the occasion. Scores December 8 were:

Player.	1st.	2d.	3d.	4th.
Watkins	119	...	...	...
Donlon	119	...	...	...
Duff	125	119	...	...
Moltz	94	145	...	...
Marshall	116	168	119	...
Nugent	120	124	138	...
Shaw	126	135	167	...
Rickards	133	136	120	...
Young	114	126	176	128
Chadwick	180	184	224	180
Scott	176	119	149	136
Kakuda	179	126	177	147

The scores made by the New York bowlers December 11 were:

Player.	1st	2d	3d
Kessler	161	...	...
Donaldson, Jr.	164	...	...
Manda	146	132	...
Scott	159	180	203
Miesem	149	187	177
Einsman	160	158	177
Donaldson, Sr.	162	217	168

AT RUTHERFORD, N. J.

The florists' bowling club of this town meets every Wednesday evening at the club's alleys at Carlton Hill. The scores made November 29 were as follows:

Player.	1st.	2d.	3d.	Total.
Latham	142	131	...	273
Clark	109	199	...	308
Roehrs, Julius	102	115	92	309
Kuyman	96	77	60	233
Teller	153	148	135	436
Muller	90	137	98	325
Hasselhuhn	112	133	128	373
Vermeulen	126	130	129	385
Roehrs, Ed.	137	200	167	504
Totals	1,067	1,270	809	3,146

Minneapolis, Minn.—Plans have been completed for the erection of greenhouses, a store and a boiler house at Thirty-sixth street and Grand avenue for J. Duncan, of 2 West Fourteenth street. The greenhouses will be of strictly modern style, with concrete foundations, and will cover one acre. They will be heated by steam from two boilers. The benches will be built of reinforced concrete and tile. The store will be of concrete construction, with a front of pressed brick. The estimated cost of the buildings is $20,000.

Heacock's Palms and Ferns

HOME-GROWN—STRONG AND HEALTHY

While our sales have been much heavier than ever before, we are still strong on the following sizes:

Areca Lutescens

	Plants	Height	Each
7-in. pot	3 in pot	36 in.	$2.00
8-in. pot	3 in pot	42 in.	3.00
9-in. cedar tub	Several in tub	48 to 54 in.	5.00
9-in. cedar tub	Several in tub	5 ft.	7.50

Kentia Belmoreana

	Leaves	Height	Each	Doz.
2½-in. pot	4	8 to 10 in.		$ 1.50
3-in. pot	5	12 in.		2.00
5-in. pot	6 to 7	18 in.	$0.50	6.00
6-in. pot	6 to 7	24 in.	1.00	12.00
7-in cedar tub	6 to 7	34 to 36 in.	2.50	30.00
7 in. cedar tub	6 to 7	36 to 38 in.	3.00	36.00
9-in. cedar tub	6 to 7	40 to 45 in.	4.00	48.00
9 in. cedar tub	6 to 7	42 to 48 in.	5.00	
9-in. cedar tub	6 to 7	48 to 54 in.	6.00	

Cocos Weddelliana

		Per 100
2½-in. pot,	8 to 10 in. high	$10.00

Made-up Kentia Forsteriana

	Height	Each	Doz.
7-in. cedar tub, 4 plants	36 in	$2.50	$30.00
7-in. cedar tub, 4 plants	36 to 40 in.	3.00	36.00
9-in. cedar tub, 4 plants	40 to 42 in.	4.00	48.00
9-in. cedar tub, 4 plants	42 to 48 in.	5.00	60.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
6-in. pot, 18 to 20-in. spread	1.50
7-in. cedar tub, 18 in. high, 24-in. spread	2.00

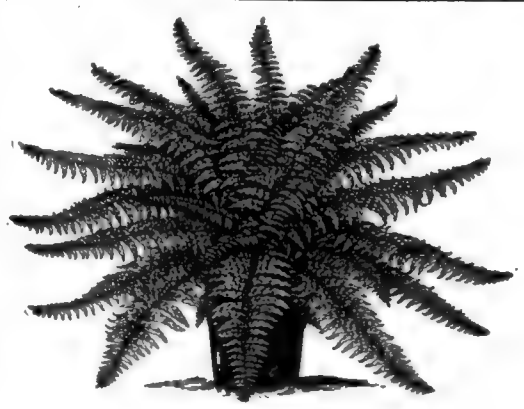
Cibotium Schiedei

9-in. cedar tub, 4-ft. spread	4.00
9-in. cedar tub, 5-ft. spread	5.00
9-in. cedar tub, 5 to 6-ft. spread	6.00

Joseph Heacock Co., Wyncote, Pa.

Railway Station, JENKINTOWN

Mention The Review when you w



ROOSEVELT.

	2½-in. 100	4-in. 100	5-in. 100	6-in. 100
Boston	$3.50	$12.00	$25.00	$40.00
Whitmani	3.50	12.00	25.00	40.00
Todeaoides	3.50	12.00	25.00	40.00
Scottii			25.00	40.00

Asparagus Plumosus, 2-in., $2.00 per 100; $18.00 per 1000; 2½-in., $3.50 per 100; $30.00 per 1000; 3-in., $5.00 per 100; $45.00 per 1000.

	Per 100
Coleus Christmas Gem	$2.50

Roosevelt Ferns

This fern will undoubtedly take the place of Boston in the near future. It is a faster grower, makes twice the runners and finishes up into a large plant in shorter time. 2¼-inch, $2.50 per dozen; $17.50 per 100; $150.00 per 1000.

	Per 100
Violets, Wales	$2.50
German Iris, Florentina Alba, earliest large-flowering Iris	2.50
Iris Pallida Dalmatica, lavender, shaded blue	8.00

Clematis Paniculata, 2-in., $2.50 per 100; $20.00 per 1000; field, 1-year, $4.00 per 100; 2-year, $8.00 per 100.

Phlox Miss Lingard, field clumps, $4.00 per 100; $35.00 per 1000.

THE REESER PLANT CO., Exclusively Wholesale Plantsmen **SPRINGFIELD, OHIO**

PRIMULAS, FERNS, Etc.

Ferns for Dishes. Assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.

Asparagus Plumosus. 2¼-in. pots, $3.50 per 100; $30.00 per 1000; 3-in. pots, $6.00 per 100.

Primulas. Obconicas, best large flowering strain, strong, 2½-in. pot plants, $3.00 per 100; $25.00 per 1000.

Crotons. 5-in. pots, 75c-$1 00 each; 6-in. pots, $1.00-$1.25 each.

Araucaria Excelsa. 5-in. pots, 50c to 75c each; 6-in. pots, $1.00 to $1.25 each.

Cash with order. 500 at 1000 rate.

FRANK OECHSLIN, 4911 West Quincy Street, CHICAGO, ILL.

Mention The Review when you write.

Blooming Azaleas for Christmas



ONE OF OUR SPECIALTIES.

We have them to beat the band==a full house in bud and bloom; the cream of the Azalea belt in Belgium, selected purposely for Aschmann's Christmas forcing.

AZALEA INDICA. Already forced for Christmas, showing color, with pretty open flowers, stored away in cold houses, ready for shipment. **Deutsche Perle,** double white; only large sizes of this variety are offered at $1.00, $1.25, $1.50 to $2.00. **Vervaeneana,** double rose variegated; only large sizes can be offered at $1.00, $1.25, $1.50 to $2.00. **Simon Mardner,** double pink, 75c, $1.00, $1.25, $1.50 to $2.00. **Mme. Petrick,** pink, double, one of the earliest, 75c, $1.00, $1.25 to $1.50. **Pharailde Mathilde,** white striped Vervaeneana, some people call it White Vervaeneana, new variety, very handsome, very rare, $1.00, $1.25 to $1.50. Remember that only the best, healthy plants must be selected for Xmas; poor, small, weak azaleas won't force successfully for Xmas.

Leader in Begonia Gloire de Lorraine, Palms, Etc. Lead you into wealth.

Cheap, Good, Reliable. Don't be deceived—be on the lookout! Buy only from the man who is well known to be in a position to give you **Good Bargains and Good Stock. Can handle largest order on short notice.**

BEGONIA GLOIRE DE LORRAINE.

This is one of our specialties. We have a secret in growing them to perfection, only known to us, giving them a rich, deep color; stand shipping well, traveling 2,000 to 3,000 miles without the least bit of injury if properly handled. We have a big house full in No. 1 condition, 6 to 7-in. sizes, in bud and partly in bloom, ready for immediate sale or for the holidays. Everybody knows that last Christmas we had the best Begonia Gloire de Lorraine in the market. They were crackerjacks, indeed! We have the deep pink and the light pink (Lonsdale) varieties, 6-in. pots, 50c, 75c, $1.00; 3-in., 12c to 15c. If you have room order now, because they are always scarce at Xmas.

Begonia Gloire de Lorraine Betty Anderson, a new, fine begonia. Have only large plants in 7-in. pots at $1.50 per plant.

Begonia Erfordii, our newest improved strain, pink and bright red flowers. This variety is always in bloom during the whole winter, Xmas and Easter, 4-in. pots, in bud or bloom, 20c; 5¼-in., 25c to 30c.

Begonia Glory of Cincinnati, 4-in. pots, 35c and 40c; 5½ to 6 and 7-in. pots, 50c, 75c, $1.00 to $1.50.

Just Arrived with the azaleas a fine consignment of Latania Borbonica, in first-class condition. **Perfect foliage,** 8 good leaves—height given in consular invoice, 35 to 40 inches, fit for 7 and 8-in. pots, $1.50 to $2.00. **Combination Latania Borbonica** (3 plants), 6-in. pots, 25 to 30 in. high, forming a bush of about 14 leaves, which give them an attractive appearance, $1.00 to $1.25.

Kentia Forsteriana, in fine shape, 5½ to 6-in. pots, 4, 5 and 6-year-old, 30, 35, 40 and 45 inches high, 75c, $1.00, $1.25, $1.50, $2.00 to $2.50; 4-in., 30c.

Kentia Belmoreana, 5, 6 to 7-year-old, 5, 5½, 6 to 7-in. pots, 50c, 75c, $1.00, $1.25, $1.50 to $2.00 each; 4-in., 25c.

Kentia Belmoreana, which came on the same steamer as azaleas, are potted off combination plants (made up with 3 plants), 22 to 25 inches high, having 12, 13 to 15 leaves to a pot (in 6-in. pots), 50c, 60c, 75c to $1.00, according to height; still larger sizes, $1.00, $1.25 to $1.50; single plants, 5 leaves, 22 to 25 in. high, stocky 5¼ to 5½-in. pots, only 50c, worth 75c.

Cocos Weddelliana, made up of 3 plants, 4 to 5-in. pots, 30c, 40c to 50c; 3-in., single, 15c; 4-in., single, 25c.

Areca Lutescens, 4-in., made up of 3 plants, suitable for fern dishes, 16, 18, 20 to 25 in. high, 20c to 25c; 5¼-in. pots, 24-in., 35c.

Sago palms, 5-in. pots, small leaves, 2, 3, 4, 5 leaves to a plant, 20c, 25c, 30c and 35c per plant.

Hydrangea Otaksa, pot-grown, 6-in., 25c, 35c to 40c; 7-in., 50c. Only pot-grown, will force successfully for Easter.

Solanum or Jerusalem Cherries, our well-known prize strain, the multiflorum, 6-in., 35c, 40c to 50c. Never were so fine as this year, just right for Xmas; big plants, full of ripe red berries and with green berries ripening on.

Primula Obconica, 5½-in., in bloom, 25c.

Primula Chinensis, John Rupp's best strain, 4-in., 10c; 5-in., 20c.

Shasta Daisies, pure white, 2½-in. pots, $3.00 per 100; seedlings, $1.00 100.

POINSETTIAS.

THE TOWN'S TALK.

Did you see those large 12-in. pans, made up of 3 large, 20 to 25-in. high poinsettias, trimmed with large Whitmani, Scottii and Giatrasii ferns, areca palms, Asparagus plumosus and Sprengeri, cocos palms, etc., in Mr. McGinty's show window? "They came from Godfrey Aschmann's greenhouses; we paid only $2.50 each for them and sell them at a ten dollar bill." "Oh, I bought one not quite as big as yours, for which I paid Aschmann only $2.00," explained Mr. Miller; "I let it go for eight dollars. I thought that was a fair profit."

Poinsettias in prime condition for Xmas, in bloom; 3-in., short, stocky, suitable for filling pans, 15c; 4-in., also suitable for filling pans, 25c; 5½ to 6-in. pots, all pot grown, single or branched plants, medium height, 35c, 40c and 50c per plant; 8-in. pans, 3 plants in center and border of Asparagus plumosus around, only 75c per pan—suitable for basket work or to cut.

ARAUCARIA EXCELSA

With Xmas approaching there is always a big demand for **Araucaria Excelsa.** What looks nicer at Xmas time than an Araucaria properly dressed up with a nice pink, red or lavender ribbon, tied around the plant about half way up? It is a good keeper and keeps its beautiful evergreen foliage (tiers) green and perfect for years; when all other plants are withered, the Araucaria is in full glory, admired by all in the family. We are well prepared for the Araucaria orders and are the leaders, as we have always been for the last 25 years. 6000 can be seen in our greenhouses, all sizes and prices. 5½-in., 3-year-old, 15 to 20 in. high, 3 to 4 tiers, only 50c; 6-in., 4-year-old, 20, 22, 25 to 30 in. and over in height, 4, 5 and 6 tiers, 60c, 75c, $1.00 to $1.25; specimen plants, 7-in., 30, 35 to 40 in. high, 5 to 6-year-old, 6, 7 to 8 tiers, green from bottom up, at a bargain

Araucarias Our Specialty



No Arguments Needed

price seldom offered; just look, only $1.50 to $2.00. Worth double. Will you let such a bargain pass unnoticed?

We also have the stock—the best obtainable in Belgium—of **Araucaria Robusta Compacta** and **Excelsa Glauca;** short, bushy jewels—none better in the world. 6-in. pots, $1.00, $1.25 and $1.50.

Azaleas for Easter, all the leading varieties, 75c, $1.00, $1.25, $1.50 to $2.00.

Leader in Ferns—Scottii, Scholzeli, Whitmani and Boston. 6 houses stocked with them; 10,000 in all sizes and varieties now ready, never before better than this year; 5, 5½ in., 25c, 35c; 6 in., only 50c, 75c to $1.00. **Scottii, Whitmani, Scholzeli,** 4-in., 15c to 20c; fine to grow on. **Giatrasii,** 4-in., 20c; 5-in., 25c and 30c. **Boston, Whitmani, and Scholzeli,** 7-in. pots, as large as a bushel basket, 75c to $1.00. Our ferns are all pot-grown—not lifted from benches.

Ferns. Cordata Compacta, 4-in., 15c to 20c.

Ferns for dishes, big assortment, 2½-in. pots, $4.00 per 100; 3-in., $5.00 per 100.

Wilsoni Ferns, 3 plants in a 6-inch pan, very bushy, 25c to 35c per pan.

Asparagus Plumosus, 2½-in., 3c; 3-in., 5c; 4-in., 10c and 15c.

Asparagus Sprengeri, large, 4-in. pots, 15c; medium, 4-in., 10c; 2½-in., $3.00 per 100.

Adiantum Hybridum, the new improved beautiful maidenhair fern. Large 4-in., 15c; medium 4-in., 10c; large 3-in., 8c.

Ficus Elastica (Rubber Plant), 5¼-in., 25c; 5½ to 6-in., 20, 25 to 30-in. high, 35c, 40c, 50c; 7-in., all staked up, 35 to 40 in. high, 75c to $1.00. We have the finest rubbers in the country.

Cyclamen Grandiflorum, 4-in. pots, 25c; 5¼-in., 35c.

Cineraria Hybrida, Aschmann's well-known strain, 2½-in. pots, $3.00 per 100; 3-in., $5.00.

All plants 25 at 100 rate. Cash with order, please. All plants must travel at risk of purchaser only.

GODFREY ASCHMANN, 1012 W. Ontario St., PHILADELPHIA, PA.

WHOLESALE GROWER, IMPORTER AND SHIPPER OF POT PLANTS

Classified Ad Department



Rate for advertising in this department 10 cents a line net, per insertion.

ACHYRANTHES.

ACHYRANTHES, 2-IN. POTS.

Metallica .....$2.00 per 100
Panache de Bailey..... 2.50 per 100
Lindenii ..... 2.00 per 100
Warscewiczii ..... 2.00 per 100

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Achyranthes Lindenii and Emersonii. Rooted cuttings, $1.00 per 100; 2½-in., 2½c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

500 2-in. achyranthes, $2.00.
Mercer Floral Co., Bowling Green, O.

ADIANTUMS.

Adiantum Farleyense, strong plants, 4-in., $4.00 per doz. Cash, please.
Rober & Radke, Maywood, Ill.

100 Adiantum Croweanum, fine stock in 5-in., 20c. Cash. F. E. Cremer, Hanover, Pa.

AGERATUMS.

Stella Gurney, 2-in.....$2.00 per 100
Princess Pauline, 2-in..... 2.00 per 100

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Ageratum Little Blue Star, rooted cuttings, 50c 100 $4.00 1000; 2-in., in bloom, 2c. Cash. Mail, 1c per 100.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Ageratum Stella Gurney R. C., 50c 100; $4.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

ALTERNANTHERAS.

ALTERNANTHERA JEWEL.

Stock plants, 2½-in., $20.00 per 1000; rooted cuttings, $10.00 per 1000. This is by far the finest alternanthera in sight, and you should stock up now for spring sales.
Chas. H. Totty, Madison, N. J.

Alternantheras, red and yellow. Rooted cuttings, $5.00 per 1000. By mail, 10c per 100 extra. Cash with order.
R. S. McMurray, Bellefontaine, O.

Alternantheras, red, green and yellow. Strong R. C., 50c 100; $4.00 1000; 2¼-in., 2c. Ready now.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Alternantheras, yellow. Rooted cuttings, $5.00 per 1000. Cash.
West Side Greenhouses, Barberton, O.

Alternantheras, red and yellow. Rooted cuttings, 50c per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Alternantheras, red and yellow, R. C., 50c per 100. M. E. Wyatt, Watseka, Ill.

ALYSSUM.

Alyssum, double giant, 2¼-in., 2c. Rooted cuttings, 50c per 100, $4.00 per 1000; if by mail 10c per 100 extra. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

AMPELOPSIS.

AMPELOPSIS VEITCHII.
Boston Ivy.

Extra strong 3-yr. transplanted, heavy 2½ to 4 ft. tops and roots, $2.00 per doz., $12.00 per 100. 2-yr. transplanted, 18 to 24-in. tops, well rooted, $1.00 per doz., $5.00 per 100. Strong 1-yr., 18 to 24-in. tops, $1.50 per 25; $2.00 per 50, by mail; $3.00 per 100, $25.00 per 1,000 by express. Chas. Black, Hightstown, N. J.

Ampelopsis Veitchii, transplanted and extra fine, 2½ to 4 ft. tops, $1.50 per doz.; $9.00 per 100. Southside Nurseries, Chester, Va.

ANTHERICUM.

Anthericum variegatum, strong plants, 3-in., 3c; 5-in., 10c. H. G. Norton, Perry, O.

ARAUCARIAS.

CHRISTMAS ARAUCARIAS.

We have a fine large stock of Araucaria excelsa, the popular Christmas plant, in the following sizes:

Pots.	Each.	Doz.
4-in., 2 to 3 tiers	$0.50	$ 6.00
6-in., 4 to 5 tiers	1.00	12.00
7-in., 4 to 5 tiers	1.50	18.00

THE EDGEBROOK GREENHOUSES AND NURSERIES
Of the Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Araucarias, extra fine 6-in., 60c and 75c. Worth double.
Burdell Floral Co., Bowling Green, Ky.

Araucaria excelsa, 5-in. pots, 50c to 75c each; 6-in. pots, $1.00 to $1.25 each. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

Araucarias, 5-in., $6.00 per doz.; $45.00 per 100. Holton & Hunkel Co., Milwaukee, Wis.

ASTERS.

Aster sinensis.
J. Hasslach, St. Remy de Provence, France.

ASPARAGUS.

ASPARAGUS BASKETS.
$1.00, $1.50 and $2.00 each.

Pots.	ASPARAGUS PLUMOSUS.	Doz.	100
2-in.		$0.40	$ 3.00
3-in.		.75	6.00
4-in.		1.50	12.00
6-in.		4.00	30.00

ASPARAGUS SPRENGERI.

Pots.	Doz.	100	1000
2-in.	$0.40	$3.00	$.....
3-in.	.75	6.00	50.00
4-in.	1.50	10.00	80.00

ASPARAGUS SCANDENS DEFLEXUS.
4-in. .....doz. $1.50

500 at 1000 rate.
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

"FULL OF LIFE," STRONG, HEALTHY STOCK

		Select 100	1000
Asparagus plumosus nanus	2½-in.	$2.75	$25.00
Asparagus plumosus nanus	3-in.	6.00	.....
Asparagus plumosus nanus	4-in.	15.00	.....
Asparagus Sprengeri	2½-in.	2.50	22.50
Asparagus Sprengeri	3-in.	5.00	.....
Asparagus Sprengeri	4-in.	8.00	.....

Cash. Prompt express shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses, Rockford, Ill.

Asparagus plumosus, extra strong healthy stock ready for shift, 2¼-in., $2.50 per 100, $22.00 per 1000; 3-in., $5.00 per 100.
Asparagus Sprengeri, strong plants ready for shift, 2¼-in., $2.00 per 100, $17.00 per 1000; 3-in., $3.00 per 100. Strong seedlings, $1.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Asparagus plumosus, big, strong plants, 2½-in., $4.00 per 100, $35.00 per 1000; 3-in., $6.00 per 100, $50.00 per 1000. A. plumosus seedlings, fine stock. $1.00 per 100. A. Sprengeri, 2½-in., $4.00 per 100; $35.00 per 1000.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Asparagus plumosus from 3-inch pots, express prepaid, $4.50 per 100; extra large plants from the field, good for 8 to 10-inch pots, $22.50 per 100. Cash with order.
Diamond Hill Nursery,
763 S. Boyle Ave., Los Angeles, Calif.

Asparagus plumosus. We offer extra strong, bushy plants from 2½-in., pots at $3.00 per 100; $27.50 per 1000. Many 4-in. plants sold are not as strong. A. Sprengeri of same quality, $2.50 per 100; $22.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Asparagus plumosus to close out, 3-in., ready for 4 and 5-in., $5.50 per 100; $50.00 per 1000. Asparagus Sprengeri, 3-in., ready for 5-in., $5.00 per 100; $45.00 per 1000.
Swan Peterson Floral Co., Gibson City, Ill.

Asparagus plumosus nanus, from 2¼-in. pots, $2.50 per 100, $22.50 per 1000; 3-in. pots, $5.00 per 100, $45.00 per 1000. Cash with order, please.
FLORAL HILL GARDENS,
G. F. Neipp, Prop. Chatham, N. J.

10,000 Asparagus plumosus, extra strong 2½-in., $2.50 per 100; $22.00 per 1000. 6000 A. Sprengeri, strong, bushy, $2.00 per 100; $18.00 per 1000. Cash.
Daut Bros., 825 N. Water St., Decatur, Ill.

Asparagus plumosus, extra strong, from 2-in. pots, $2.50 per 100, $22.00 per 1000; 2½-in., $3.00 per 100, $26.00 per 1000. A. Sprengeri, 2½-in., $3.00 per 100.
Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus. Extra strong seedlings, $1.50 100; extra strong 4-in. plants, 12c to 15c each. Asparagus Sprengeri, extra strong seedlings, $1.50 100. Cash, please.
Rober & Radke, Maywood, Ill.

Asparagus Hatcheri, from 2½-in. pots, ready for 3½-in., the asparagus fern that's talked about, $10.00 per 100. Cash.
Ehmann's, Corfu, N. Y.

6000 Asparagus plumosus, 2¼-in., $3.00 per 100; $25.00 per 1000. 5000 Asparagus Sprengeri, 2½-in., $2.50 per 100; $22.50 per 1000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Asparagus plumosus, 2¼-in. pots, $3.50 per 100, $30.00 per 1000; 3-in. pots, $6.00 per 100. Cash with order. 500 at 1000 rate.
Frank Oechslin, 4911 W. Quincy St., Chicago.

ASPARAGUS PLUMOSUS NANUS.
CUT STRINGS, 8 FT. LONG,
50c EACH.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, strong 2¼-in., ready for 4-in. pots, we need the room, $1.75 per 100; $15.00 per 1,000. Cash, please.
John Eitel & Son, Greencastle, Ind.

725 strong Asparagus plumosus, $25.00 for the lot; 4c apiece. 1000 A. Sprengeri, 3-in., $20.00 for the lot; 2½c apiece. Cash.
C. W. Harrold, Decatur, Ill.

Asparagus plumosus, 2½-in., $3.00 per 100; $25.00 per 1000. Asparagus Sprengeri, 2½-in., $2.50 per 100; $22.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Asparagus Sprengeri, 3-in., strong, ready for shift, $3.50 per 100. Cash, please.
W. H. Troyer, Elkhart, Ind.

Large Asparagus Sprengeri, ready for 4-in. pots, $2.00 per 100.
Chas. A. Patrick, Pickerington, O.

Asparagus plumosus, 2½-in. pots, $3.00 per 100. Cash, please.
L. Rush, 135 34th St., Detroit, Mich.

Asparagus plumosus seedlings from greenhouse grown seed.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Asparagus plumosus and Sprengeri. Extra strong 2-in. stock, $2.00 per 100, to close out to make room. Addems, Morgan & Co., Paxton, Ill.

Asparagus plumosus, 2¼-in., 3c; 3-in., 6c. A. Sprengeri, 2¼in., 2c; 3-in., 4c; 4-in., 8c.
Mosbaek Greenhouse Co., Onarga, Ill.

Asparagus Sprengeri. 2½-in., $2.00; 3-in., $3.00; 4-in., $4.00 per 100. Cash.
Freeport Floral Co., Freeport, Ill.

Asparagus Sprengeri, 2¼-in., extra strong, $2.00 per 100; 3-in., $5.00 per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Asparagus plumosus nanus, 2-in., 2c. Asparagus Sprengeri, 2-in., 2c.
U. G. Harglerode, Shippensburg, Pa.

Asparagus plumosus, 3-in., 6c. A. Sprengeri, 3-in., 4c; 4-in., 6c; 5-in., 12c.
Schneider, Florist, Springfield, Ohio.

Asparagus Sprengeri, 4-in., $10.00 per 100; 3-in., $5.00 per 100. Orange County Ornamental Nursery. Fullerton, Calif.

Asparagus plumosus, strong plants, 2½-in., $3.00 per 100; $25.00 per 1000. Cash.
W. B. Girvin, Leola, Pa.

Asparagus Sprengeri. Good, strong plants from 3-in. pots, $3.00 per 100 plants.
B. H. Haverland, Mt. Healthy, O.

Asparagus plumosus nanus, extra strong, 2-in., $2.00 per 100. Cash.
N. E. Beck Floral Co., Massillon, O.

Asparagus Sprengeri, 3-in., $3.00 per 100; 200 for $5.00.
Whitton & Sons, City & Green, Utica, N. Y.

Asparagus plumosus, $2.00 per 100; $17.50 per 1,000. Sprengeri, $1.50 per 100; $15.00 per 1,000. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus, fine large plants, ready for 5-in. or bench, 10c each.
Stuhldreher Bros., Mansfield, Ohio.

Asparagus plumosus, strong, bushy 2½-in. plants, $3.00 per 100. Cash, please.
J. B. Dinser, R. 1, Box 35, Highland Park, Mich.

600 Asparagus plumosus, surplus stock, 3-in., ready for 4-in., $5.00 per 100.
S. T. Hitz & Son, Indianapolis, Ind.

NICE PLUMOSUS.
4-in., 12c.
Gullett & Sons, Lincoln, Ill.

Asparagus plumosus, 3-in., $4.00 per 100. Cash.
F. E. Cremer, Hanover, Pa.

Asparagus, fine. See display adv.
J. W. Miller, Shiremanstown, Pa.

Asparagus Sprengeri, strong 3-in., $3.50 per 100. J. H. Dann & Son, Westfield, N. Y.

Asparagus plumosus nanus, 4-in., $8.00 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

Asparagus plumosus, good stock, $25.00 per 1000. Albert M. Herr, Lancaster, Pa.

Asparagus plumosus nanus, extra strong 2-in., 2½c. J. L. Schiller, Toledo, Ohio.

Asparagus plumosus, 3-in., 5c.
Hammerschmidt & Clark, Medina, Ohio.

Asparagus Sprengeri, strong 2½-in. 2c.
S. Wilson & Son, Marion, O.

ASPIDISTRAS.

Aspidistras, green leaved, 10 to 14 leaves, 50c, 60c and 75c. Cash.
N. A. Corlin, Elberon, N. J.

AZALEAS.

AZALEA INDICA.
In fine shape for Christmas.

Mme. Petrick	$1.50 each
Simon Mardner	1.00 each
Vervaeneana	1.00 each
Mme. Petrick	1.00 each
Niobe	1.00 each

DWARF AZALEAS ON OWN ROOT.

Hex, large plants	$50.00 per 100
Hex, small plants	30.00 per 100

THE EDGEBROOG GREENHOUSES AND NURSERIES
Of the Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

AZALEAS IN BLOOM.
SPLENDID SELLERS FOR CHRISTMAS.
Fine, shapely plants. Mardner, Vervaeneana, Mme. Petrick, D. Perle, etc., four sizes, $1.00, $1.50, $2.00 and $2.50 each. The medium sizes are sure to find a ready sale.
Gullett & Sons, Lincoln, Ill.

Azaleas. A fine trio for Christmas. Deutsche Perle, Vervaneana, Mme. Petrick, very handsome plants, full buds, 16 to 18-in., $1.00, $1.25. Cash.
N. A. Corlin, Elberon, N. J.

BAY TREES.

Bay trees (standards), fine assortment, sizes 12 to 48 in. crowns. Price, $2.50 to $25.00 each. Let us know your wants.
Wagner Park Conservatories, Sidney, Ohio.

Bay trees and box trees, all sizes.
Write for special list.
Julius Roehrs Co., Rutherford, N. J.

Bay trees. Fine selection. Write for prices.
Holton & Hunkel Co., Milwaukee, Wis.

BEGONIAS.

Blooming begonias in assortment, $2.50 per 100. Rex begonias in assortment, $4.00 per 100; 2½-in., large, $6.00 per 100; 4-in., fine plants, $2.50 per doz. Some fine stock of my new special Rex begonias, Emerald Queen and Bronze King, 2-in., $6.00 per 100; 2½-in., $8.00; 4-in., fine plants, 35c each, $4.00 per doz.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, 2½-in., 15c; 3-in., 25c; 3½ and 4-in., 35c. Glory of Cincinnati, 2½-in., 25c; 3-in., 35c; 4-in., 50c; 5-in., 75c. All in bud or bloom. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Begonia Lorraine, exceptionally well developed plants, ready for immediate retail sales, 6-in., 60c each; 7-in., 75c each.
Baur Floral Co., Erie, Pa.

GLORY OF CINCINNATI.
Cincinnati and Lorraine begonias, in full flower, 75c and $1.00 each. Fine for Christmas.
Gullett & Sons, Lincoln, Ill.

Begonia Vernon, pink and white, large, for Christmas, 5-in., 20c; 4-in., 10c. Louise Erdody, Rex or Ram's Horn, large 6-in., 25c. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

Red begonias for Xmas. Red Vernon, the best Xmas begonia, 100 5-in. at 17c; 100 4-in., fine stock, at 14c. I need the room. Cash, please.
E. A. Johannes, Rockford, Ill.

Rex Begonias, strong 2-in., fine varieties, 4c; $35.00 per 1000.
Williams & Clark Floral Co., Muncie, Ind.

REX BEGONIAS my specialty. Largest collection, $5.00 per 100.
B. C. BLAKE, Springfield, O.

Begonia Lorraine, 5-in., 35c and 50c. In bloom and out. Erie Floral Co., Erie, Pa.

Flowering begonias, good assortment, $3.00 per 100. Storrs & Harrison Co., Painesville, O.

Rex begonias in variety, 2¼-in., 75c per doz.; $5.00 per 100. G. E. Fink, Kenilworth, N. J.

BERRIED PLANTS.

Jerusalem cherries, 4-in. pots, ready for 5-in., bushy plants, well berried, $10.00 per 100; $1.50 doz. Smaller plants, for 4-in., full of berries, $5.00 per 100. Cash.
J. F. Bauers,
2010 Spring Rd., S. W., Cleveland, O.

Christmas peppers, 4-in., $10.00 per 100. Cash.
Marion Floral Co., Marion, Ind.

50 Christmas peppers, just right for the holiday trade, 4-in., 10c each, or will exchange for salmon or red geraniums, 2 or 3-in.
W. P. Ranson, Florist, Junction City, Kan.

Jerusalem cherry plants, bushy and well berried, 4-in., $7.00; 5-in., $10.00 100. Cash with order. H. A. Cook, Oberlin, O.

JERUSALEM CHERRIES, pot grown, strong and well berried plants, 4-in., $10.00 per 100. Cash, please. F. Sokol, Worcester, Mass.

Nice field-grown Jerusalem cherry plants, 4-in., $8.00 per 100; $75.00 per 1000.
C. W. Espy & Son, Brookville, Pa.

The CHEAPEST, the EASIEST, and the BEST WAY to get rid of your surplus stock is to use the REVIEW'S classified advs.

Xmas peppers, 2¼-in., $2.00 100, $18.00 1000; 3-in., well branched, $4.00 per 100. Cash, please.
P. Rieth & Co., Downers Grove, Ill.

Jerusalem Cherries. Bushy, well berried plants, 4-in., $10.00; 5-in., $15.00 per 100.
H. B. Snow, Camden, New York.

Christmas peppers, large plants, well fruited, 5-in., $2.50 per doz.; 6-in., $4.00 per doz.
Gullett & Sons, Lincoln, Ill.

Christmas peppers, 5-in., 20c.
Mosbæk Greenhouse Co., Onarga, Ill.

BOUVARDIAS.

Bouvardia stock plants. B. Humboldtii and rosea grandiflora, $3.00 per doz.; $20.00 per 100. Cash with order. Blondeel, Oak Park, Ill.

BULBS.

SINGLE HYACINTHS. Mammoth bulbs for forcing, all colors, named, $4.50 per 100.
SINGLE TULIPS. Artus, 75c per 100; Cottage Maid, 80c per 100; La Reine, 60c per 100; Keizerskroon, mammoth, $1.20 per 100; Yellow Prince, 85c per 100; Gesneriana, 95c per 100.
NARCISSUS. Golden Spur, double nosed, $1.75 per 100.
Sluis Seed Store, 544 W. 63rd St., Chicago.

Bulbs of all descriptions. Write for catalogue and prices.
C. Keur & Sons, Hillegom, Holland,
New York Branch, 25 W. Broadway.

American grown bulbs, none better, none cheaper. Send for surplus list at special prices.
Hubert Bulb Co., Portsmouth, Va.

CACTI.

Old Man cactus, 4- 5-in., $3.00 doz. postpaid.
J. A. McDowell, Ap. 167, Mexico City, Mex.

CALLAS.

Godfrey callas. Outbloom, the common sort 5 to 8 or better. From 4-in., strong, ready for 6s, blooming now, 20c each (75 plants to spare); from 6-in., need shifting to 8-in., 35c each. Either size will return double their cost in blooms this season. We have more than we need. Got original stock from E. G. Hill about seven years ago. Green's Greenhouses, Fremont, Neb.

Some fine stock of Godfrey callas from stock of the first distributor; the one to grow for paying results. 2½-in. plants, will soon make blooming plants, at $5.00 per 100, $45.00 per 1000. Also a lot of started plants in flats, for prices of which write. N. O. Caswell, Delavan, Ill.

GODFREY CALLAS.
Good stock.

2½-in. plants	$4.00 per 100
3-in. plants	5.00 per 100

For quick results order from
Conard & Jones Co., West Grove, Pa.

Godfrey callas, bring 3 flowers to 1 of the common, 2½-in., $5.00 per 100; $45.00 per 1000. They will bloom this season. See my A. plumosus and cyclamen advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

Callas, strong plants from 5-in. pots, some in bud and bloom. Special to make room, 10c each; the lot of 90 plants, $8.00.
E. A. Muchow, Clarence, N. Y.

Godfrey callas, 4-in., $6.00; 2½-in., $4.00. Out of flats, prices on application.
F. S. Smith, 330 W. 38 St., Indianapolis, Ind.

Godfrey callas, true to name; 3-in. plants, $5.00 per 100. Cash.
The Newburys, Mitchell, S. D.

CANNAS.

THE IMPROVED CANNA.
64 varieties, including Mrs. A. F. Conard and the finest new ones. Send for price list.
Conard & Jones Co., West Grove, Pa.

Canna C. Henderson. Dry bulbs, 1 to 3 eyes, $2.00 per 100. Cash.
Jos H. Cunningham, Delaware, O.

CARNATIONS.

CARNATION ROOTED CUTTINGS.
If you have cool house in which to keep them you can make your carnations pay you ½ more by getting your stock early. The following are the best paying varieties for the grower on the market today. Our stock is strictly first-class in every respect. Instructions to care for plants with every order.

	100	1000
Light Pink Enchantress	$3.00	$25.00
Dark Pink Enchantress	3.00	25.00
Pure White Enchantress	3.50	30.00
Dorothy Gordon, pink	3.00	25.00
Mrs. C. W. Ward, pink	3.00	25.00
White Wonder	6.00	50.00

250 at 1000 rate. Cash or reference.
Smith & Gannett, Geneva, N. Y.

ROOTED CARNATION CUTTINGS.

	Per 100	Per 1000
Wodenethe	$12.00	$100.00
Afterglow	3.00	25.00
Beacon	4.00	30.00
Bonfire	6.00	50.00
Enchantress	3.00	25.00
Gloriosa	6.00	50.00
May Day	3.00	25.00
Pink Delight	5.00	40.00
Princess Charming	6.00	50.00
Rosette	12.00	100.00
Rose-pink Enchantress	3.00	25.00
Mrs. Ward	4.00	30.00
Washington	6.00	50.00
White Enchantress	4.00	30.00
White Perfection	3.00	25.00
White Wonder	6.00	50.00
Winsor	3.00	25.00
St. Nicholas	12.00	100.00

S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

CARNATION CUTTINGS.
Clean, healthy and well rooted stock.

	Per 100	Per 1000
White Wonder	$6.00	$50.00
Washington	6.00	50.00
Gloriosa	6.00	50.00
Dorothy Gordon	4.00	35.00
Pink Delight	5.00	40.00
Beacon	4.00	30.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00

Cash with order. Satisfaction guaranteed.
MIAMI FLORAL CO.,
Geo. Bartholomew, Mgr.
24 N. Main St., Dayton, O.

CARNATION ROOTED CUTTINGS.
Immediate Delivery.

	100	1000
White Wonder	$6.00	$50.00
Gloriosa	6.00	50.00
Norwood	6.00	50.00
Dorothy Gordon	4.00	35.00
White Perfection	3.50	30.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
Beacon	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Winsor	2.50	20.00

Thompson Carnation Co., Joliet, Ill.

CARNATIONS.
ROOTED CUTTINGS.
IMMEDIATE DELIVERIES.
Wodenethe, the greatest white, and Brooklyn, an absolutely reliable cerise pink, $12.00 per 100; $100.00 per 1000.
Princess Charming, White House, White Wonder and Gloriosa, $6.00 per 100; $50.00 per 1000.
Winsor, Harlowarden, Sangamo, Mrs. Patten and White Perfection, $3.00 per 100; $25.00 per 1000. Chas. H. Totty, Madison, N. J.

ROOTED
CARNATION CUTTINGS.
MRS. C. W. WARD.
ALMA WARD.
$3.50 per 100.
$30.00 per 1000.
READY FOR DELIVERY NOW.
Also all standard varieties.
THE LEO NIESSEN CO.,
12TH & RACE STS., PHILADELPHIA, PA.

Carnation rooted cuttings. White Wonder and Princess Charming, $6.00 per 100. White and Pink Enchantress, White Perfection, May Day, Victory, Beacon and others, $3.00 per 100.
Riverside Floral Co., Muncie, Ind.

Carnations, January 1. Enchantress, Rose-pink Enchantress and Pure White Enchantress, well rooted, from strong healthy plants, $2.50 per 100; $20.00 per 1000. Cash.
Daut Bros., 112 E. Prairie, Decatur, Ill.

CARNATION ROOTED CUTTINGS.

White Perfection	$3.00 per 100
Beacon	3.00 per 100

N. Bommersbach, Decatur, Ill.

Carnation rooted cuttings. Enchantress, White Enchantress, Winsor, Beacon, $3.00 per 100.
Marine City Floral House, Marine City, Mich.

Strong field-grown carnation plants. Mrs. Thos. W. Lawson, stood inside, $3.00 per 100 for cash. M. J. Schaaf, Dansville, N. Y.

500 Winsor carnation plants, from pots, $5.00 per 100. Erie Floral Co., Erie, Pa.

CHRISTMAS STOCK.

Christmas peppers, 5 and 6-in., fine stock, 10c. Jerusalem cherries, 4-in., 5c; 5-in., 10c; 6-in., 12c; loaded with berries, finest ever grown. Fancy table ferns, 2½-in., 2c. Cyclamen, 4-in., bud and bloom, 10c. Chinese primroses, in bloom, 4-in., 5c. Primulas, in bloom, 4-in., 5c. Fine rubber plants, 4-in., 30c. Asparagus plumosus, 3 and 4-in., 5c. Boston and Sword ferns, fine stock, 4 and 5-in., 10c and 15c; 6-in. Sword, 25c. Cash, please.
Riverview Greenhouses, Lewisburg, Pa.

LOOK under headings of azaleas, begonias, berried plants, cyclamen, poinsettias and primulas and see what we offer in Christmas plants.
Gullett & Sons, Lincoln, Ill.

Christmas trees, 5 to 8 ft., 10c each. Cash.
Z. K. Jewett & Co., Sparta, Wis.

CHRYSANTHEMUMS.

Chrysanthemum stock plants. Golden Glow, Oct. Frost, W. Bonnaffon, Y. Bonnaffon, Pres. Roosevelt, W. Chadwick, Helen Frick, Col. Appleton, Halliday, Lady Hopetown, Honesty, cash or exchange, 50c per doz.; $2.50 per 100.
R. E. Rathbun, Sioux City, Iowa.

CHRYSANTHEMUMS—Continued.

ALL PRIZE WINNING STOCK.

WHITE—	PINK—
W. Frick.	Mayor Weaver.
E. Snow.	Maud Dean.
A. Byron.	Helen Frick.
Lynnwood Hall.	YELLOW—
Chadwick Imp.	G. Glow.
Venetta.	Col. Appleton.
W. Jones.	Yellow Eaton.
Pres. Taft.	Maj. Bonnaffon.
White Eaton.	G. Eagle.
PINK—	G. Wedding.
Pacific Supreme.	G. Chadwick.
Rosiere.	Y. Jones.
Gloria.	Nagoya.
A. J. Balfour.	

60c per doz.; $4.00 per 100.
Fine Ivory plants, $2.00 per 100.
C. C. Pollworth Co., Milwaukee, Wis.

FINE MUM STOCK PLANTS.
READY FOR SHIPMENT.
$4.00 per 100.
Cash with order.

Oct. Frost	Mrs. O. H. Kahn
A. J. Balfour	Pockett's Crimson
Beatrice May	Yellow Miller
Col. Appleton	T. Eaton
Dolly Dimple	Miss C. Frick
Glory Pacific	Polly Rose
Pacific Supreme	Pink Globe
Monrovia	Major Bonnaffon
White Bonnaffon	

Hayman Greenhouse Co., Clarksburg, W. Va.

POMPONS—Zenobia, Baby, Diana, Lulu, Bessie Flight.

SINGLES—Adelaide, Katie Covell, Mary Richardson, Kitty Bourne, Ladysmith, Helen Totty, Harold Bishop, M. J. Carlisle, Garza, Estelle Burnes.

Both pompons and singles, 75c per doz.; $4.00 per 100.

CHRYSANTHEMUMS—October Frost, Monrovia, Golden Glow, Jeanne Nonin, Major Bonnaffon, Dr. Enguehard, Clementine Touset, 50c doz., $3.00 per 100; $25.00 per 1000. Will trade—what have you?
W. R. Miller, The Florist, Covington, Ky.

CHRYSANTHEMUMS.

Several thousand fine stock plants ready for shipment.
$3.00 per 100.

Golden Glow	Col. Appleton
Polly Rose	Golden Wedding
Halliday	White Chadwick
Touset	Adelia
Monrovia	Mrs. Robinson
Major Bonnaffon.	

J. F. WILCOX & SONS,
COUNCIL BLUFFS, IOWA.

CHRYSANTHEMUM STOCK PLANTS
50c per doz.; $3.00 per 100.
Pacific Supreme

Mrs. Weeks	Golden Glow
White Ivory	Bonnaffon
Pink Ivory	Merry Jane
Touset	Col. Appleton
White Eaton	Mayor Weaver
Nagoya	Yellow Eaton
October Frost	J. Nonin
Patty, 5c	

Erie Floral Co., Erie, Pa.

Chrysanthemums. PINK—Enguehard, Chamberlain, Glory of Pacific, Pacific Supreme, Minnie Bailey. YELLOW—Major Bonnaffon, Golden Glow. WHITE—Polly Rose, Touset, Robinson, Mrs. Wm. Buckbee, $3.00 per 100. Number 10 seedling, white, midseason; and Number 9 seedling, creamy white; late Golden Glow sport, white, $10.00 per 100. Yellow Ivory, $5.00 per 100. The two seedlings are good commercial varieties of large size.
Henry A. Bester & Sons, Hagerstown, Md.

CHRYSANTHEMUM STOCK PLANTS.

Crocus	Alice Byron
Dr. Enguehard	Pacific Supreme
Winter Cheer	Edmond Albe
Major Bonnaffon	C. Touset
Halliday	

$3.00 per 100. Cash.
Holton & Hunkel Co., Milwaukee, Wis.

$3.50 per 100; 60c per doz., cash with order, for the following stock plants: Golden Glow, October Frost, Opah, Estelle, Gloria, Holliday, Robinson, Mrs. Weeks, Alice Byron, Wm. Duckham, Pres. Taft, Honesty, Philadelphia, White and Yellow Bonnaffon, Trainor Park, Golden Wedding, Dr. Enguehard, John Burton, Jeanne Nonin, Yanoma. The Newburys, Mitchell, S. D.

CHRYSANTHEMUM STOCK PLANTS.

Golden Glow, October Frost, Gloria, Donatello, White Ivory, Yellow Ivory, White and Yellow Bonnaffon, White and Pink Shaw; pompons, Golden, Mlle. Martha, Yellow Baby, best yellow, and all other good varieties, $5.00 per 100.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

We have the following in chrysanthemums: YELLOW—Halliday, Golden Glow, Appleton, Bonnaffon and Jones. PINK—Shaw and Enguehard. WHITE—Robinson, Bonnaffon and Adelia. We will make special price on these at $3.00 per 100; 50c per doz.
Geo. A. Kuhl, Pekin, Ill.

Chrysanthemum stock plants, $4.00 per 100. Will exchange for other sorts needed. Sunshine, Touset, Robt. Halliday, Glory Pacific, Monrovia, Col. Appleton, Pacific Supreme, Robinson, Duckham, October Frost, Balfour, Black Hawk, Virginia Poehlmann, Dr. Enguehard and Jeanne Nonin. Truitt's Greenhouses, Chanute, Kan.

Why not buy for immediate delivery and double your stock by the 1st of January, thereby saving money. Extra strong 2-in. plants of the finest and earliest white chrysanthemum, Smith's Advance, ready now, $1.25 per doz.; $10.00 per 100. Cash.
Jos. F. Klimmer Estate, Forest Park, Ill.

Chrysanthemum stock plants. Chas. Razer, the best commercial white, ivory type, easy grower, $4.00 per doz.; rooted cuttings, booked for $3.00 per 100. Mayor Weaver and Gloria, both new pinks, stock plants, $2.00 per doz.
J. Van der Wal, 10421 Michigan Ave., Chicago.

Chrysanthemum cuttings for early delivery. Golden Chadwick, W. H. Chadwick, Yellow Eaton, White Eaton, W. T. Brock (incurved Thanksgiving pink), $2.50 100; $20.00 1000. All other varieties at market prices.
R. J. Irwin, 3097 Broadway, New York, N. Y.

"CHRYSANTHEMUMS FOR THE MILLION."
A record of notes on the culture of the chrysanthemum, by growers situated in every section of the United States, with an introduction by the author, C. H. Totty. Price, 25c.
Chas. H. Totty, Madison, N. J.

Orders booked for young plants of Smith's Advance, earliest white; Unaka, earliest pink; January and February delivery, $1.00 per 10; $8.00 per 100. Please order early. Stock plants all sold. Max B. Schreiber, McDonald, Pa.

Chrysanthemum stock plants. Polly Rose, Estelle, Adelia, Halliday, Enguehard, Mrs. Robinson, Duckham, Nonin, Bonnaffon, 3c. Orders for R. C. booked, $1.00 100. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

Chrysanthemums. Smith's Advance, the peerless early white chrysanthemum. Rooted cuttings, tips only, $5.00 per 100. 500 stock plants of Nagoya, one of the best late yellows, $5.00 per 100. Maurice J. Brinton, Christiana, Pa.

Chrysanthemum stock plants. Chas. Razer (best white), $3.00 per doz. Yellow Bonnaffon, Dr. Enguehard, $3.00 per 100; 50c per doz. Cash with order.
J. H. Miller, 5558 N. Lincoln St., Chicago.

Chrysanthemum stock plants. G. Glow, Crocus, Gloria, Enguehard, Oct. Frost, Polly Rose, 50c per doz.; $3.00 per 100, or will exchange for any stock I can use.
H. S. McClenahan, Oklahoma City, Okla.

Chrysanthemum stock plants. October Frost, Dr. Enguehard, Golden Glow, Major Bonnaffon, $3.00 per 100, or will exchange for other stock.
Wm. Eschrich Co., North Milwaukee, Wis.

Fine bushy stock plants. Ivory, Pacific Supreme and Bonnaffon, 75c doz.; $4.00 per 100. Cash.
G. W. Renard, Avondale, Chester Co., Pa.

Stock plants of Oct. Frost, Polly Rose, Edmond Albe, Black Hawk and Jeanne Rosette, $3.00 per 100.
M. D. Schmidt & Son, 254 Park, Dayton, O.

Chrysanthemum stock plants. Beatrice May, Yellow Bonnaffon, Dr. Enguehard, Glory of Pacific, Golden Glow and Estelle, $3.00 per 100.
Mosbæk Greenhouse Co., Onarga, Ill.

3000 Smith's Advance rooted cuttings, now ready, $5.00 per 100. Mrs. B. E. Hayward, a much improved Amorita, 50c; $4.00 per 10.
G. A. Lotze, Glen Burnie, Md.

We have 5000 Smith's Advance chrysanthemum rooted cuttings ready to ship at $5.00 per 100. Cash with order. You had better hurry.
The Newburys, Mitchell, S. D.

Chrysanthemums. Several thousand fine stock plants ready for shipment at once. Maj. Bonnaffon, Yellow Eaton, Estelle, $3.00 per 100.
D. H. Green, Boonsboro, Md.

Chrysanthemums. Nagoya, $4.00 100. Mrs. H. W. Buckbee, $3.00 100. Diana, small white, $2.50 100. Jas. C. Murray, Box 592, Peoria, Ill.

Chrysanthemum stock plants, strong. Mrs. Parr, Pres. Roosevelt, Helen Frick, $3.00 per 100
Mercer Floral Co., Bowling Green, O.

Chrysanthemum stock plants. Smith's Advance, 25c each; Golden Glow, 10c each.
Eli Cross, 25 Monroe, Grand Rapids, Mich.

Chrysanthemum stock plants, Major Bonnaffon and Dr. Enguehard, $3.00 per 100; 50c per doz.
John W. Scott, Box 345, Lisbon, O.

Chrysanthemum stock plants, Glory of Pacific and Polly Rose, 2c. Cash.
Hammerschmidt & Clark, Medina, O.

Chrysanthemum stock plants. 500 Eaton, 500 Bonnaffon, 2½c each.
S. Wilson & Son, Marion, O.

Stock plants of yellow Garza, new, at 50c each., $5.00 per doz.
Jacob Russler, 114th and Avon, Morgan Park, Ill.

CINERARIAS.

Cinerarias. Vaughan's Columbian, James' Prize, Boddington's Perfection, Matchless Dwarf, azure blue, white, blood red and old rose, 3-in., ready for 4-in., $4.00; 4-in., ready for 5-in., $6.00 per 100. Fine, clean stock. Cash only, please. J. Sylvester, Florist, Oconto, Wis.

Cinerarias, dwarf varieties. Large plants, ready to shift, 2¼-in. $1.50 per 100; 3-in., $2.50 per 100; 4-in., $5.00 per 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

Cinerarias, Vaughan's Columbian, 3½-in., ready for 5-in., $5.00 per 100. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Cinerarias, finest large flowering dwarf hybrids, in mixture, established in 3-in. pots, $4.00 per 100. Cash. Russell Bros., R. 4, Syracuse, N. Y.

Cinerarias, choice mixed, 2¼-in., 2c; 3-in., ready for 4-in., 4c.
Hammerschmidt & Clark, Medina, O.

Cinerarias, a grand assortment, 2-in., $2.00 per 100. John Irvine & Sons, Bay City, Mich.

Cinerarias, large, dwarf flowering, 2¼-in., 2c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Cineraria stellata, 3-in., 5c; 5-in., 10c each.
Mosbæk Greenhouse Co., Onarga, Ill.

Strong dwarf cinerarias, 2-in., $2.00 per 100.
M. S. Wiecking Co., Bluffton, Ind

CLEMATIS.

Clematis paniculata, 2 and 3-yr.-old; also Henryi, Jackmani, Andre Romona, Red Jack. Special price for fall delivery.
Parks & Schaufelberger, Penfield, N. Y.

Clematis, coccinea and crispa. Ask for prices.
Wm. Tell, Austin, Texas.

Clematis paniculata, 2-yr., $7.00 per 100; $60.00 per 1000. H. G. Norton, Perry, O.

COBAEAS.

Cobaea scandens seed, $2.00 per lb. postpaid.
J. A. McDowell, Ap. 167, Mexico City, Mex.

COLEUS.

COLEUS, 2-IN. POTS.

Pfister, red, yellow	$2.00 per 100
Beckwith's Gem	2.00 per 100
Golden Bedder	2.00 per 100
Verschaffeltii	2.00 per 100

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Coleus. Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Coleus, 47 varieties, R. C., 60c per 100, $5.00 per 1000; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Coleus, strong, clean 2-in., $2.00 per 100; Verschaffeltii rooted cuttings, $6.00 per 1000. Cash, please. Rudolf Nagel, Lancaster, Pa.

Coleus, 6 good vars. R. C., 60c 100; $5.00 1000.
McRae-Jenkinson Co., Cheswick, Pa.

Coleus, best collection in the U. S.
Albert M. Herr, Lancaster, Pa.

Coleus rooted cuttings, 8 best kinds, 50c 100.
C. L. Reese, 1840 S. Limestone, Springfield, O.

Coleus, all standard varieties. R. C., 60c per 100. M. E. Wyatt, Watseka, Ill.

Coleus Golden Bedder, 3-in., 2½c.
J. H. Dann & Son, Westfield, N. Y.

COREOPSIS.

Coreopsis lanceolata, fine clumps for forcing, $5.00 per 100. G. A. Lotze, Glen Burnie, Md.

CROTONS.

CROTONS.

Pots	Each	Doz.	100
2-in.	$....	$1.00	$ 8.00
3-in.	....	1.50	12.00
4-in.	0.25	2.00	15.00
7-in., 4 in a pot	.75c to 1.00	....	

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Croton aurea maculata, 3-in. pot plants, $8.00 per 100.
Storrs & Harrison Co., Painesville, O.

Crotons, 5-in. pots, 75c to $1.00 each; 6-in. pots, $1.00 to $1.25 each. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

CYCLAMEN.

Giant cyclamen, our own grown strain, selected from the very best and well built plants and flowers. Seed, $1.00 per 100, $6.00 per 1000; nearly all sold out. August seedlings, $2.00 per 100; $18.00 per 1000. Plants, well set with buds, 4-in., $18.00 and $25.00 per 100. Orders amounting to $25.00, 10% off. Here is one of the many letters we received from satisfied customers: E. A. Butler & Son, Niagara Falls, N. Y., say, "The plants are excellent, the finest we have ever had and, if the seed this year is of the same quality, we will be perfectly satisfied." Our aim has been to, and we have, improved our strain every season. Cultural directions with every order. See my calla and A. plumosus advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

FOR CHRISTMAS SALE.
FINE LARGE CYCLAMEN.
EXCEPTIONALLY WELL FLOWERED.

4½-in.	40c and 50c each
5-in.	50c and 75c each
6-in.	$1.00 and $1.50 each
7 and 8-in.	$1.50, $2.00 and $2.50 each

The 4½-in. plants average 10 to 12 in. across, the 5-in. are 10 to 15 in., the 6-in. run from 12 to 18 in., and the larger specimens from 18 to 24 in. Plants that will please the best trade and command a ready sale. Shipped in the pots.
Gullett & Sons, Lincoln, Ill.

CYCLAMEN.

5-in.	$20.00 per 100
4-in.	10.00 per 100
3-in.	7.00 per 100

This is the noted Winterich strain; plants in good shape, we must reduce our stock.
Swan Peterson Floral Co., Gibson City, Ill.

Received first prize at Milwaukee Flower Show. All well grown, strong stock, in full bud and bloom.

5-in. ..... $ 6.00 per doz.
6-in. ..... 9.00 per doz.
7-in. ..... 12.00 per doz.
8-in. ..... 15.00 per doz.

We are booking orders now for Christmas shipping. Carl Meier & Co., Green Bay, Wis.

Cyclamen giganteum superbum, the new English strain, including picturatum, Duke of Fife, Rosy Morn, also Glory (or Wonder) of Wandsbeck, Victoria, and 4 of the best German specialists' strains, 3-in., $6.00; 4 in., $12.00; 5-in., $25.00 per 100. All fine plants, well budded, mostly showing color or in bloom. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen Giganteum, best strains. Strong plants in bud and bloom.

4-in. ..... $10.00 per 100
5-in. ..... 20.00 per 100
6-in. ..... 4.50 per doz.

Prompt shipment. Cash.
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"FULL OF LIFE"
GIANT CYCLAMEN GIGANTEUM BLENDS
2¼-inch .....$5.00 per 100
3-inch ..... 7.50 per 100
Terms cash. Prompt shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses. Rockford, Ill.

Cyclamen persicum giganteum, mixed colors, in bloom, ready for Christmas.

4-in. ..... each $ 0.25
5-in. ..... doz. 9.00
6-in. ..... doz. 12.00
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CYCLAMEN, GOOD, STRONG PLANTS.
Best strains, in bud, to close out.

3-in. ..... $ 5.00 per 100
4-in. ..... 10.00 per 100
4½-in. ..... 20.00 per 100
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Cyclamen, best giant commercial strain, 6 separate colors or mixed; 3-in., 5c, to close out; 4-in., heavy, healthy plants, in bud and bloom, 20c to 35c. J. L. Schiller, Toledo, O.

Cyclamen in bud and bloom. 200 good 5-in., 3 to 4 colors, at 26c. Cash, please.
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Giant cyclamen, in bud and bloom, 5-in., $6.00 per doz.; 6-in., $9.00 per doz. Cash.
Riverside Floral Co., Muncie, Ind.

Cyclamen seedlings, giant flowering strain, $3.00 100; $25.00 1000
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Cyclamen, in bud, with heavy foliage, fine stock, 3-in., 5c; 4-in., 15c and 20c.
R. E. Creager, Thurmont, Md.

Cyclamen, 2¼-in., $4.00 per 100; 3-in., $6.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Cyclamen persicum.
J. Hasslach, St. Remy de Provence, France.

Cyclamen, 5-in., mixed colors, 35c.
Flick Floral Co., Fort Wayne, Ind.

Cyclamen giganteum, 4-in., 15c.
Mosbaek Greenhouse Co., Onarga, Ill.

Cyclamen giganteum. See display adv.
J. W. Miller, Shiremanstown, Pa.

DAHLIAS.

WHOLESALE LIST FOR 1912
NOW READY
Separated stock and clumps. We use no slips or sprouts for propagation; stock all grown from tubers, insuring strong roots.
J. L. MOORE
Northboro Dahlia & Gladiolus Gardens
NORTHBORO, MASSACHUSETTS

EAST BRIDGEWATER DAHLIA GARDENS.
If you are looking for dahlia stock for your 1912 catalogue, send for trade list to THE DAHLIA KING.
J. K. Alexander, East Bridgewater, Mass.

Dahlias. Large list. Any quantity desired.
Nat'l Co-operative Show Gardens, Spencer, Ind.

DAISIES.

MARGUERITES.
WHITE AND YELLOW.
Rooted cuttings.....$6.00 per 100
YELLOW.
2-in. .....$2.00 per 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Marguerites. Queen Alexandra, 2½-in., $3.00; 3½-in., $5.00; 4½-in., $10.00 per 100. Queen of Belgians, Soleil d'Or and Nicholson's White, 2½-in., $3.50; 3½-in., $6.00; 4-in., $10.00 per 100. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Yellow daisies, Etoile d'Or, for winter flowering, 6-in., $50.00 per 100; 4-in., $20.00 per 100; 2½-in., $10.00 per 100.
S. S. PENNOCK-MEEHAN CO.,
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Yellow marguerites, winter flowering. Guaranteed healthy stock out of 2½-in. pots, $5.00 per 100; 4-in. pots, 10c, $10.00 per 100. Sample by mail, 10c.
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Daisies, Paris. Rooted cuttings, giant yellow and white, $1.00 per 100. Bellis, Snowball, Longfellow, $2.50 per 1000; 5000 for $10.00.
Byer Bros., Chambersburg, Pa.

Daisies (Chrysanthemum maximum), fine for cutting. Strong divisions, right from 5-in. pots, $2.00 per 100; $15.00 per 1000. Cash with order.
W. A. Finger, Hicksville, L. I., N. Y.

Yellow daisies, 2½-in., $2.50 100; 4-in., $8.00 100; 5-in., $15.00 100.
Willis W. Kinyon, South Bend, Ind.

White marguerites, winter flowering, 75c per 100; fine 2½-in., $2.50 per 100. Cash, please.
W. G. Thomas & Son, Sheffield, Ill.

Marguerite daisies, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, Ohio.

DIELYTRAS.

Dielytras (bleeding hearts), strong roots, 5 to 7 shoots, guaranteed, 25c each.
Calvert Floral Co., Lake Forest, Ill.

DRACAENAS.

DRACAENA FRAGRANS.

	Ea.	Doz.
2½-in.	$ ...	$1.50
3-in.	...	2.00
4-in.	...	3.00
5-in.	.35	4.00
6-in.	.50	6.00
7-in.	.75	....

DRACAENA INDIVISA.
2-in. .....per 100, $3.00; per 1000. 25.00
3-in. .....doz., $0.75; per 100, 6.00
7-in. .....ea., $1.25; doz., 15.00

DRACAENA MASSANGEANA.
6-in. .....each, $1.25
7-in. .....each, 1.50

DRACAENA TERMINALIS.
3-in. .....doz., $1.75
4-in. strong, each, 35c.....doz., 4.00
THE EDGEBROOG GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

BUCKBEE'S "FULL OF LIFE" DRACAENAS.

	Select.	Doz.	100
Indivisa	4-in.	$1.50	$10.00
Indivisa	6-in.	3.50	25.00
Terminalis	2½-in.	1.50	10.00
Terminalis	3-in.	2.00	15.00
Terminalis	4-in.	3.00	20.00

Cash. Prompt express shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses, Rockford, Ill.

Dracaena indivisa, 2¼-in., $2.00 per 100; $18.00 per 1000; 3-in., $6.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Dracaena indivisa. Strong 5-in. pot plants, 10c; 8-in., $3.00 per 100. Buy now.
Wm. Eschrich Co., North Milwaukee, Wis.

Dracaena indivisa, pot-grown. From 5-in. pots, $15.00 per 100; from 4-in. pots, $10.00 per 100. Cash. Queen City Floral Co., Manchester, N. H.

Dracaena terminalis, fine young 2½-in. stock, $10.00 per 100.
Julius Roehrs Co., Rutherford, N. J.

Dracaena indivisa, fine, 4-in. pots, $6.00 per 100. I need room. Cash, please.
Geo. A. Relyea, Poughkeepsie, N. Y.

3000 Dracaena indivisa. Good strong 2¼-in., 2½c., 3-in., 5c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dracaena indivisa, 2½-in., $2.50 per 100; 3-in., $4.00 per 100. Cash.
Haentze Co., Fond du Lac, Wis.

Dracaenas, strong. See display adv.
J. W. Miller, Shiremanstown, Pa.

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REVIEW Classified Advs.

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Dracaena indivisa, 3-in., 5c each.
Willis W. Kinyon, South Bend, Ind.

EUONYMUS.

EUONYMUS
EUONYMUS VARIEGATA.
Golden and silver leaved.
2½-in. .....doz., $0.50
5-in., ...ea., 35c; doz., 4.20
6-in. .....ea., 50c; doz., 6.00
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

FERNS.

FERNS.
FERNS MY SPECIALTY.
COCOS WEDDELINA and KENTIA BELMOREANA. Fine center plants, $1.30 per doz.; $10.00 per 100.
CIBOTIUM SCHIEDEI. Grandest stock ever offered of this most magnificent fern. 3-in., $3.50 per doz., $25.00 per 100; 4-in., $5.00 per doz., $40.00 per 100; 8-in., $2.25; 9-in., $3.50; 10-in., $4.50; 12-in., $6.50 each.
ADIANTUM CROWEANUM, 4-in., $2.00 per doz.; $15.00 per 100.
ADIANTUM CUNEATUM, 2¼-in., $3.50 per 100, $30.00 per 1000; 4-in., nice full plants, $12.00 per 100.
ADIANTUM FARLEYENSE, 4-in., $5.00 per doz.; $40.00 per 100.
ADIANTUM REGINAE and RHODOPHYLLUM, splendid 4-in. stock, $4.50 per doz., $35.00 per 100.
ASPARAGUS PLUMOSUS NANUS, 2¼-in., $3.00 per 100; $25.00 per 1000.
ALSOPHILA AUSTRALIS, a very pretty tree fern, 7-in., $1.50; 10-in., $4.00 each.
J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

BOSTON FERNS.

Pots	Each	Doz.	100	1000
2-in.	$....	$0 50	$3.00	$25.00
3-in.	....	1.00	8.00	.....
4-in.	....	1.50	12.00	.....
5-in.	....	3.00	20.00	.....
6-in.	....	6.00	45.00	.....
7-in.	.75	9.00	.....	.....
8-in.	1.00	12.00	.....	.....
9-in.	1.50	18.00	.....	.....
10-in.	2.50	.....	.....	.....
12-in.	3.50 to 5.00			

BOSTON FERN BASKETS.
$1.00 each.
ASSORTED FERNS FOR DISHES.
2-in., 40c per doz., $3.00 per 100; $25.00 per 1000
CIBOTIUM CHIEDEI.
7-in. .....each $2.50; doz., $30.00
8-in. .....each 3.00; doz., 36.00
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Ferns for dishes, assorted varieties. Strong, healthy plants from 2¼-in. pots, $3.00 per 100, $25.00 per 1000; 3-in., $6.00 per 100, $55.00 per 1000; 4-in., $12.00 per 100.
Boston ferns, 8-in., $1.25 each; 7-in., $1.00 each, $10.00 per doz.; 6-in., 50c each.
Whitmani, 8-in., $1.50 ea; 7-in., $1.00; 6-in., 50c and 75c each.
Scottii, 7-in., $1.00 each; 6-in., 50c each.
Kentia Belmoreana, 2¼-in., $10.00 per 100; 3-in., $15.00 per 100; 4-in., $30.00 per 100; 5-in., $8.00 per doz.
Cocos Weddeliana, 2¼-in., $10.00 per 100.
Asparagus plumosus nanus, 2¼-in., $3.00 per 100; 3-in., $5.00 per 100.
Asparagus Sprengeri, 2¼-in., $2.50 per 100.
Frank N. Eskesen, Madison, N. J.

FERNS FOR IMMEDIATE DELIVERY.
EXTRA GOOD QUALITY STOCK.
BOSTON.

	100		100
4-inch	$10.00	8-inch	$80.00
5-inch	25.00	9-inch	each, 1.25
6-inch	40.00	10-inch	each, 1.50
7-inch	60.00	12-inch	each, 2.00

WHITMANI.

	100		100
6-inch	$45.00	8-inch	$80.00

ASPARAGUS.
3-in., $6.00 per 100.
R. R. DAVIS CO., MORRISON, ILL.

FERNS FOR JARDINIERES for immediate use. Bushy, well grown plants, 6 to 8 best varieties. From 2¼-in. pots, $3.00 per 100, $25.00 per 1000; from 3-in. pots, $6.00 per 100, $55.00 per 1000; from 4-in. pots, $12.00 per 100.
ADIANTUM CUNEATUM, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.
ASPARAGUS PLUMOSUS NANUS, 2¼-in. pots, $3.00 per 100; $25.00 per 1000.
COCOS WEDDELIANA AND KENTIA BELMOREANA, 2¼-in. pots, just right for centers, $10.00 per 100.
CIBOTIUM SCHIEDII, 7-in. pots, $1.50 each.
Thomas P. Christensen, Short Hills, N. J.

NEPHROLEPIS BOSTONIENSIS.
4-inch ..... $1.50 doz.; $12.00 100
5-inch ..... 3.00 doz.; 20.00 100
6-inch ..... 5.00 doz.; 35.00 100
NEPHROLEPIS TODEAOIDES.
This we consider the finest of the crested varieties.
4-inch ..... $2.00 doz.; $15.00 100
5-inch ..... 3.50 doz.; 25.00 100
6-inch ..... 5.50 doz.; 40.00 100
The above ferns are all good, strong, stocky plants, ready for immediate sales. Cash.
Jno. F. Sabransky, Kenton, Ohio.

Ferns. Handsome stock. Boston, Whitmani, Elegantissima compacta, Sprinfieldii, Amerpohlii, Scholzeli. Rooted runners, $1.80 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c. Sample sent for 25c. Satisfaction guaranteed. Ferns are grown at Cleveland, Ohio, plant. 60,000 feet of modern glass devoted to ferns and asparagus. Special prices on large quantities for cash only.
Schneider, Florist, Springfield, Ohio

EXTRA HEAVY GUARANTEED STOCK.
Boston, 6-in., 40c each.
Scottii, 6-in., 40c each; 5-in., 30c; 4-in., 20c.
Superbissima, 6-in., 40c each; 5-in., 30c; 4-in., 20c.
Fernery ferns, 5 varieties, 2½-in., $3.00 per 100; $25.00 per 1000.
Evenden Bros., Williamsport, Pa.

FERN BARGAINS.
Boston runners, strong.....$15.00 1000
Boston, 2¼-in. 30.00 1000
Amerpohlii, 4-in. 10.00 100
Cash with order.
The above stock is strictly clean and strong.
J. T. Cherry, Athens, Ill.

Ferns. Good, strong pot-grown Amerpohlii, Elegantissima, Piersoni, Boston and Superbissima, 3-in., $7.00 per 100; 4-in., $12.00 per 100, $110.00 per 1000; 5-in., $18.00 per 100. This is all excellent stock and worth more money but I must have room.
Andrew Peterson, Hoopeston, Ill.

Boston ferns, 6-in. pots, 45c ea., $40.00 per 100. Whitmani ferns, 4-in., 20c ea., $15.00 per 100; 5-in., 30c ea., $25.00 per 100; 6-in., 45c ea., $40.00 per 100; 7-in., 60c ea., $55.00 per 100; 8-in., 75c ea., $70.00 per 100. Ficus elastica, 35c, 50c and 75c ea. Cash, please.
Queen City Floral Co., Manchester, N. H.

Ferns, Whitmani, Scottii. Extra good 4-in., 12c; 5-in., 20c; 6-in., 40c.
Burdell Floral Co., Bowling Green, Ky.

FERNS—Continued.

TABLE FERNS in best mixed varieties, from 2¼-in. pots, $30.00 per 1000; 250 at same rate. I have a large stock to select from. Sure to please.
All out of town orders are cash with order, please.
B. SOLTAU FERNERY,
2199 Grant Ave., Jersey City, N. J.

Small ferns for dishes. Pteris Mayii, serrulata cristata variegata, Wimsetti, cretica albolineata, $3.00 per 100; $25.00 per 1000.
Aspidium tsussimense and Cyrtomium falcatum, $3.50 per 100; $30.00 per 1000.
Storrs & Harrison Co., Painesville, O.

BOSTON FERNS.
Fine stock.
3-inch .....$ 7.00 per 100
4-inch ..... 12.00 per 100
5-inch ..... 18.00 per 100
Thos. Salveson, Petersburg, Ill.

Boston ferns, first-class stock, for 5, 6, 7 and 8-in., 20c, 25c, 50c and 75c. Whitmani, for 6, 7, 8 and 10-in., 25c, 35c, 50c and 75c. Also large specimen plants from $1.00 up. Scottii, for 6-in., 25c and 35c. Any quantity; 7000 to choose from. Cash. A. E. Monroe, Wellesley Farms, Mass.

Ferns for dishes, transplanted, ready for potting, five varieties, $1.00 per 100; $9.00 per 1000. Strong plants, 2-inch, $3.00 per 100, $25.00 per 1000. Cash, please.
Rober & Radke, Maywood, Ill.

Bench ferns. Boston, Elegantissima, 3, 4-in., 6c, 10c. Elegantissima, 5-in., 12c. Whitmani, 3, 4, 5-in., 8c, 12c, 15c. Amerpohlii, 3, 4-in., 8c, 12c. Scholzeli, 3, 4-in., 10c; 4-in., 15c. Cash. Byer Bros., Chambersburg, Pa.

Nephrolepis exaltata Bostoniensis. Booking orders now. Fine, strong runners, $10.00 per 1000. Nephrolepis exaltata, same price as above. Nephrolepis davallioides furcans, strong runners, $2.50 per 100. J. J. Soar, Little River, Fla.

Boston ferns for immediate delivery. Extra good quality stock. 2¼-in., $4.00 per 100; 3-in., $7.00 per 100; 4-in., $10.00 per 100; 5-in., $25.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

ROOSEVELT FERN IS A WINNER.
2½-in. .....$2.00 per doz.; $15.00 per 100
3-in. ..... 2.50 per doz.; 17.50 per 100
F. O. B. West Grove.
Conard & Jones Co., West Grove, Pa.

Ferns, extra fine stock, clean and short. 500 3-in. Whitmani at 6c; 1500 Bostons at 5½c. Must have the room. Cash, please.
E. A. Johannes, Rockford, Ill.

Ferns for holidays. Shapely 4-in. pot plants, Boston and Whitmani, 10c. A. Sprengeri, 4-in., 6c; plumosus, 4-in., 8c.
Roney Bros., West Grove, Pa.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. 500 at 1000 rate. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

Boston and Whitmani ferns, 3-in., $7.00 per 100; 4-in., $12.00 per 100. Good strong stock ready to shift.
Momence Greenhouse, Momence, Ill.

FERNS FOR FERN DISHES.
Five leading varieties. Strong 2½-in. stock, guaranteed quality, $3.00 per 100; $25.00 per 1000. Evenden Bros., Williamsport, Pa.

Ferns. Boston, 2¼-in., 4c. Whitmani, 2¼-in., 5c. Elegantissima, Piersoni and Whitmani, 3-in., 8c; 4-in., 12½c; 5-in., 25c.
Mosbæk Greenhouse Co., Onarga, Ill.

Whitmani, very handsome stock, 35 to 50 fronds, 18 to 24 in. spread, 40c, 50c, 60c. Cyrtomium falcatum (holly fern), 4-in., 15c. Cash. N. A. Corlin, Elberon, N. J.

Table ferns, in good varieties, out of 2¼-in. pots, $3.00 per 100. Cash, please.
J. H. Fiesser, Guttenberg, N. J.

Whitmani, Bostoniensis and Piersoni ferns, 4-in., 15 ea.; 5-in., 25c ea.; 6-in., 50c ea.
Koerbel Bros., Jeanette, Pa.

Boston ferns, 5, 6 and 7-in., 25c, 45c and 65c each; 8, 9 and 10-in., prices on application.
C. H. Jacobs, Westfield, Mass.

Boston ferns, 4-in., 7 to 9 fronds, this is good strong stock, $8.00 per 100; $75.00 per 1000.
H. C. Brown, Yellow Springs, Ohio.

Boston ferns, grown for our own use but have too many; 4-in., 15c; 5-in., 35c; 6-in., 50c; $6.00 per doz. D. R. Herron, OLEAN, N. Y.

Boston ferns, strong runners, $10.00 per 1000. Write for special prices on 5,000 to 20,000 lots.
F. M. Soar, Little River, Fla.

Ferns. Boston, pot-grown, fine stock, 3-in., $7.50 100; 4-in., $15.00 100; 5-in., $20.00 100.
Swan Peterson Floral Co., Gibson City, Ill.

A few hundred left. Whitmani, 4-in., ready for 5-in., 20c. Boston, 5-in., 20c. Fine stock, sure to please. H. S. Brandt, York, Pa.

Boston ferns, fine pot-grown, 6-in., 30c; 8-in., 60c. Cash. A. F. Aebersold, New Albany, Ind.

Ferns for dishes. See display adv. Nov. 30 issue. John Irvine & Sons, Bay City, Mich.

~~Boston fern runners~~, 2 to 4 leaves, $2.00 per 100. P. Pearson, 5734 Gunnison St., Chicago.

Boston ferns, just right for holiday work, 4-in., 15c; 5-in., 25c. Baur Floral Co., Erie, Pa.

Whitmani ferns out of 4-in., fine plants, $10.00 per 100. J. C. Schmidt, Bristol, Pa.

Boston ferns, 2½-in. stock, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

FEVERFEW.

Feverfew, large double white, $1.00 100, prepaid. Chas. Frost, Kenilworth, N. J.

Feverfew Gem R. C., $1.00 per 100. Cash.
Byer Bros., Chambersburg, Pa.

FORGET ME NOTS.

Forget-me-nots E. Fonrobert. Well rooted cuttings, ready for 2½-in. pots, $1.50 per 100; $8.00 per 1000—not less than 500 at 1000 rate. Best kind for forcing and none better for outdoor planting. W. A. Finger, Hicksville, L. I., N. Y.

FUCHSIAS.

Fuchsia Little Beauty, the true stock, best fuchsia extant, 2¼-in., $4.00 per 100; $35.00 per 1000. 250 at 1000 rate.
Baur Floral Co., Erie, Pa.

Finest double fuchsias, dwarf habit. Strong, well-rooted cuttings, $1.00 100; $8.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Fuchsia rooted cuttings. Black Prince and other good sorts, $1.00 per 100; $10.00 per 1000.
G. E. Fink, Kenilworth, N. J.

Fuchsias, assorted vars. R. C., $1.00 100. Cash. McRae-Jenkinson Co., Cheswick, Pa.

GARDENIAS.

Gardenia Veitchii. 3000 extra fine plants in 4-in. pots, $8.50 100; $85.00 1000.
The Hammond Co., Inc., Richmond, Va.

GENISTAS.

Genista racemosa, 6-in. pot plants, $25.00 per 100; very heavy 4-in. pot plants, $15.00 per 100.
Storrs & Harrison Co., Painesville, O.

Genistas. R. C., $1.50 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

GERANIUMS.

GERANIUMS.
S. A. Nutt, Montmort, DeFrance, Dble. White 2¼-in., $2.00 per 100; $18.00 per 1000.
Rooted cuttings, $12.00 per 1000.
Ricard and Viaud,
2¼-in., $2.25 per 100; $20.00 per 1000.
Rooted cuttings, $14.00 per 1000.
SCENTED GERANIUMS.
2¼-in., $2.00 per 100.
Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses. Dayton, O.

GERANIUM ROOTED CUTTINGS
Strong, selected, every one a plant. We grow for the trade only, and our aim is quality.
S. A. Nutt .....$12.00 per 1000
Mme. Buchner ..... 11.00 per 1000
Duc de Montmort ..... 12.00 per 1000
Beaute Poitevine ..... 14.00 per 1000
Jean Viaud ..... 12.00 per 1000
We have about 50,000 of the above ready for immediate shipment.
E. Rawlings, Wholesale Grower, Olean, N. Y.

GERANIUMS.
2½-in. .....$20.00 per 1000
Rooted cuttings ..... 12.50 per 1000
We have the following varieties: Nutt, Ricard, Poitevine, Jean Viaud, Gloire de France, Perkins, La Favorite, Grant, Mme. Landry, Col. Thomas, Conover and several others. Send your orders now. Terms cash, please.
Swan Peterson Floral Co., Gibson City, Ill.

ROOTED GERANIUM CUTTINGS.
Strictly A1 stock of the following superb bedders: S. A. Nutt (greatest dark red), Double Grant (most satisfactory scarlet bedder), Mme. Buchner (only dble. white), $1.50 per 100; $14.00 per 1000. Beaute Poitevine (salmon), Alp. Ricard (scarlet), $1.75 per 100; $16.00 per 1000. Order now and get prompt delivery.
W. T. Buckley Co., Springfield, Ill.

Geraniums. Lecadre, Mosnay, Roseleur, Nutt, Dagata, Ricard, Viaud, La Favorite, Col. Thomas, Jaulin, Perkins, Oberle, 2-in. stock, $2.00 per 100; $18.50 per 1000. Hill, Dryden, Claire Frenot, Pres. Baillet, Mrs. Vincent, Bisquit, 2-in., $3.00 per 100; $25.00 per 1000. Cash. Send for Geranium catalogue. A. D. Root, Wooster, O.

Geranium rooted cuttings, A No. 1. S. A. Nutt, Buchner, La Favorite, Doyle, Viaud, Perkins, Tiffany, $11.00 per 1000. Poitevine, Ricard, Trego, $14.00 per 1000. All of the above varieties mixed, $9.00 per 1000. 2-in. stock of all of the above named varieties, $2.00 per 100; $18.00 per 1000. D. R. Herron, OLEAN, N. Y.

GERANIUM ROOTED CUTTINGS.
S. A. Nutt.....$11.50 per 1000
Ricard ..... 14.00 per 1000
Poitevine ..... 14.00 per 1000
Well packed. We have no other varieties.
Albert M. Herr, Lancaster, Pa.

GERANIUMS.
S. A. NUTT, MONTMORT, DBLE. WHITE.
Rooted cuttings, $10.00 per 1000
2-in., $2.00 per 100; $18.00 per 1000.
Cash with order.
Henry Dornbusch, R. D. 2, Dayton, O.

Geraniums. Strong 2 and 2½-in. Ricard, J. Viaud, $20.00 per 1000; S. A. Nutt, $18.00. Cash with order. Also a few Sulleroi, Buchner, Poitevine, etc., ~~mixed $18.00 per 1000~~.
Quaker Hill Nurseries, Oxford Depot, N. Y.

Geranium rooted cuttings. Nutt, Landry, Barney, Ricard, La Favorite, L'Aube and Mme. Bruant, $1.25 per 100; $10.00 per 1000.
Parken Greenhouses, Norwalk, O.

Geranium cuttings, well rooted. S. A. Nutt, Buchner, Montmort, $1.25 per 100; $10.00 per 1000. Poitevine and Ricard, $1.50 per 100; $12.50 per 1000. Cash with order.
C. B. Shisler, Williamsville, N. Y.

GERANIUM ROOTED CUTTINGS.
S. A. Nutt, Buchner, $12.00 per 1000. Doyle, Viaud, Ricard and Jaulin, $14.00 per 1000. Cash with order.
FRED W. RITCHY, LANCASTER, PA.

Geranium rooted cuttings. Ricard, Poitevine, Doyle, Viaud, Castellane, $14.00 per 1000. Nutt, $12.00 per 1000. Ready for shipment Jan. 1, 1912. Cash, pelase.
Rudolf Nagel, Lancaster, Pa.

Geraniums. S. A. Nutt, best of all reds, and Beaute Poitevine, best pink, $2.00 per 100; $18.00 per 1000. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Geraniums. Ricard, Mrs. Perkins, Montmort, Harcourt, 2½-in., $2.50 100; $20.00 1000. Rooted cuttings, mixed, $1.00 per 100.
Willis W. Kinyon, South Bend, Ind.

Geranium rooted cuttings. Hill, Buchner, Double Grant, Doyle and mixed, $11.00 per 1000. Castellane, Ricard, $14.00 1000. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

Geranium rooted cuttings. Ricard, $12.50 per 1000. Nutt and La Favorite, $12.00 per 1000. Poitevine, $1.40 per 100.
G. E. Fink, Kenilworth, N. J.

Geraniums, standard market sorts, established plants, $3.00 per 100; $25.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Geraniums. Mme. Buchner, Frances Perkins and Clyde, 2¼-in., $2.50 per 100; $20.00 per 1000.
So. Bend Floral Co., So. Bend, Ind.

Geranium S. A. Nutt. Extra strong 2¼-in. stock, $2.50 per 100; $22.50 per 1000.
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Geraniums. Nutt, Ricard, Poitevine, La Favorite, Perkins, Castellane, 2-in., $2.50 per 100.
John Irvine & Sons, Bay City, Mich.

Geranium R. C., 8 standard varieties, $1.50 per 100; 2½-in., $3.00.
W. E. Trimble Greenhouse Co., Princeton, Ill.

8000 Nutt geranium rooted cuttings, ready for shipment, $12.00 per 1000. Cash with order.
Peter Brown, Lancaster, Pa.

Extra strong Nutt, ready for 3 or 3½-in., $20.00 per 1000.
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First-class rooted cuttings of S. A. Nutt geraniums at $10.00 per 1000. Cash with order.
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Geraniums, Col. Thomas, Fleuve Blanc, Harcourt, R. C., $1.20 per 100.
M. E. Wyatt, Watseka, Ill.

Geraniums. S. A. Nutt, strong 2-in., $2.00 per 100; $18.00 per 1000. Cash.
J. J. Soper, Rockford, Ill.

Geraniums. Single Grant, 2¼-in. pots, to close out, $1.50 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Geraniums. S. A. Nutt and standard varieties, 2½-in., $2.50 per 100; $20.00 per 1000. Cash.
H. G. Norton, Perry, O.

Geraniums. Ricard, Poitevine, Castellane, Nutt, La Favorite, fine 2¼-in. stock, $2.00.
S. M. Harbison, Danville, Ky.

Geraniums, mixed, from rooted cuttings to 4-in. stock, any size, $1.00 to $4.00.
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Geranium rooted cuttings. Nutt, $1.00 per 100; Jean Viaud, $1.25 per 100.
Jacob Doerrer, Cedar St., Columbia, Pa.

S. A. Nutt geranium rooted cuttings, $1.00 per 100. Cash.
E. T. Wanzer, Wheaton, Ill.

Geranium rooted cuttings, S. A. Nutt and Gen. Grant, strong enough for 3-in., $10.00 per 1000.
Geneva Greenhouses, Geneva, Ind.

1000 2-in. S. A. Nutt geraniums, $25.00.
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Nutt Geranium rooted cuttings, $12.00 per 1000. Erie Floral Co., Erie, Pa.

S. A. Nutt geranium rooted cuttings, $1.00 per 100. Cash. E. T. Wanzer, Wheaton, Ill.

GLADIOLI.

Gladiolus, America, No. 1, $3.00 100, $25.00 1000; No. 2, $2.50 100, $20.00 1000. Alice Carey, best white in commerce, No. 1, $5.00 100, $40.00 1000; No. 2, $4.00 100, $30.00 1000. Baron J. Hulot, the best clear dark blue in existence; bulbs, not first size but good blooming bulbs, $1.25 doz., $9.00 100.
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Choice mixture, named varieties, 1-in. and up, containing large percentage of Independence, also Francis King, Golden Queen, Mrs. Beecher, Blanche, Augusta, etc., $1.00 per 100; $8.00 per 1000. America No. 1, $2.50 per 100; No. 2, $2.00 per 100; $15.00 per 1000. Seed, mostly America, 50c per ounce. Cash.
H. H. Greene, L. B. 189, Saginaw, Mich.

Gladioli. Pink Beauty, see display adv. Plant now. ~~The Bride, also Pink Bride, 60c 100; $5.00~~ 1000. Cash.
Stevens Gladioli Co., Saginaw, W. S., Mich.

Gladiolus bulbs for forcing, mixture and named varieties.
W. E. Kirchhoff Co., Pembroke, N. Y.

Gladioli. Fine bulbs of King, Independence, May, Klondyke, Alice Carey, Pres. Taft and the best mixtures. Prices cheap for cash.
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Gladioli, 1¼-in. and up. Augusta and May, $12.50 per 1000; America, $25.00 per 1000. Cash.
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America gladiolus bulbs and bulblets now ready for fall shipment. Write for prices.
B. B. Currier, Seabright, Calif.

Gladioli. All the best ones in quantity.
Nat'l Co-operative Show Gardens, Spencer, Ind.

Special offer on Augusta. Big bargain.
C. H. Ketcham, N. S. D., So. Haven, Mich.

America bulblets, $1.00 per 1000. Prepaid if cash with order. S. C. Mellinger, Calla, O.

GNAPHALIUMS.

GNAPHALIUM LANATUM.
2-in. .....$2.00 per 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

GREVILLEAS.

Grevilleas, 4 and 5-in., 20c.
Anderson Floral Co., Anderson, S. C.

GUAVAS.

Strawberry guavas, 4-in., $10.00 per 100.
Orange County Ornamental Nursery, Fullerton, Calif.

HELIOTROPES.

HELIOTROPES.
2-in. .....$2.00 per 100
3-in. ..... 4.00 per 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Heliotrope rooted cuttings, 70c per 100; $6.00 per 1000; by mail, 10c per 100 extra; 2¼-in., $2.00 per 100, $18.00 per 1000. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Heliotropes. Czar, Czarina, Jersey Beauty, etc., $2.50 per 100. Centifleur (giant), $3.50 per 100. Storrs & Harrison Co., Painesville, O.

Heliotrope rooted cuttings, 75c per 100, mailing 10c; 2¼-in., 2½c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Heliotropes, dark; good stock. Strong and well-rooted cuttings, 75c 100; $6.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Heliotrope rooted cuttings, 75c per 100 postpaid; 2¼-in. pots, 2c.
C. H. Jacobs, Westfield, Mass.

Heliotropes, strong 2½-in., $2.00 per 100.
Thos. Salveson, Petersburg, Ill.

HIBISCUS.

25 5-in. Hibiscus Peachblow, $12.00 100.
Thos. Salveson, Petersburg, Ill.

HYDRANGEAS.

	Per 100
Hydrangea Otaksa, 6-in., 3 to 6 crowns	$30.00
Hydrangea Otaksa, 5-in., 3 to 5 crowns	20.00
Hydrangea Otaksa, 4-in., 2 to 5 crowns	12.50
Hydrangea Thos. Hogg, 4-in., heavy plants	10.00

J. WILLIAM COLFLESH'S SONS,
53rd & Woodland Ave., Philadelphia, Pa.

HYDRANGEA, OTAKSA GRANDIFLORA, selected for forcing; 2-yr., 1½ to 2 ft., $3.00 per doz., $20.00 per 100; 15 to 20 in., nursery grown, $1.50 per doz., $10.00 per 100; 8 to 12 in., $6.00 per 100, $50.00 per 1000. Price list free.
E. Y. Teas & Son, Centerville, Ind.

Hydrangea Otaksa, pot-grown, 3-in., 10c; 4-in. to 10-in., from 2 to 20 shoots, to bloom for Easter, 20c to $2.00 each. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

Hydrangea Otaksa, pot-grown, extra strong, 5-in., 3 to 6 crowns, $20.00 100; 4-in., 1 to 3 crowns, $12.00 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Hydrangea Otaksa, pot-grown, 6-in., 5 to 10 shoots, $3.50 doz., $25.00 100; 5-in., 3 to 6 shoots, $2.00 doz., $15.00 100. Rooted cuttings, $1.50 100. G. E. Fink, Kenilworth, N. J.

Hydrangea Otaksa, fine pot-grown, 5-in. pots, 2 to 3 flower shoots, $20.00 per 100.
Storrs & Harrison Co., Painesville, O.

Hydrangea Otaksa, field-grown, 1 shoot, 6c; 2 shoots, 10c; 3 shoots, 15c.
Erie Floral Co., Erie, Pa.

Hydrangea Otaksa for Easter and Decoration day. See our display adv.
Jackson & Perkins Co., Newark, New York.

IMPATIENS.

Impatiens Sultani. R. C., $1.00 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

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ENGLISH IVY.
3-in. .....doz., $0.75
4-in. .....doz., $2.50; 100, $20.00
GERMAN IVY.
2-in. .....$2.00 per 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

GERMAN IVY.
Rooted cuttings, $5.00 per 1000.
Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses, Dayton, O.

German ivy. R. C., 50c per 100, mailing 10c; 2¼-in., 2½c.
English ivy, 2½-in., 4c; R. C., $1.00 100, $9.00 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

English ivy, 2-yr. field plants, 2½ to 4 ft. long, 2, 3 and 4 leads, extra fine, 10c each; 200 for $8.00. Cash.
Benj. Connell, Florist, Merchantville, N. J.

German ivy well rooted cuttings, extra strong, to close out, 40c per 100; $3.50 per 1000, or will exchange. What have you?
E. A. Muchow, Clarence, N. Y.

Ivies. German, R. C., 60c 100. Kenilworth, R. C., 60c 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

English ivy, strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.
Storrs & Harrison Co., Painesville, O.

English ivy (Hedera Helix). R. C., strong $2.00 per 100. Cash.
N. P. Colberg, Princeton, Ill.

BUSINESS BRINGERS—
REVIEW Classified Advs.

Ivies. German, 60c. English, $1.00, prepaid; 2½-in. Eng., $4.00. Chas. Frost, Kenilworth, N. J.

English ivy, 3-in., $5.00 per 100. Orange County Ornamental Nursery, Fullerton, Calif.

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LANTANA DELICATISSIMA.
2-in. .....$2.00 per 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Lantanas, 2-in., $2.00.
Mercer Floral Co., Bowling Green, O.

Lantanas, 8 fine varieties, $3.00 per 100.
Storrs & Harrison Co., Painesville, O.

LILY OF THE VALLEY.

Lily of the valley, cold storage, for Christmas flowering, $1.75 per 100; $15.00 per 1000. Chicago Market Brand, $2.00 per 100; $16.00 per 1000.
H. N. Bruns, 3038 W. Madison St., Chicago.

LOBELIAS.

Lobelia Kathleen Mallard, the new double. I have 50,000 extra large and well rooted cuttings, transplanted into soil, and if you want good, clean, healthy stocks for spring trade, order now. Well packed to stand any weather; satisfaction guaranteed. 65c per 100, by mail; $4.50 per 1000, by express.
S. A. Pinkstone, York & Hickory, Utica, N. Y.

LOBELIA KATHLEEN MALLARD.
2-in. .....$3.00 per 100; $25.00 per 1000
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of the Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Lobelia Kathleen Mallard, R. C., 50c per 100.
M. E. Wyatt, Watseka, Ill.

LUPINES.

Lupines from 2-in. pots, well established; $2.00 per 100.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

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MISTLETOE, SILLIMAN'S EVERY SPRIG BERRIED BRAND. Now booking orders for December shipment. QUALITY GUARANTEED.
A. B. Silliman & Co., Boone, Iowa.

MOONVINES.

Moonflowers. Buy now to propagate from. $3.00 per 100.
Storrs & Harrison Co., Painesville, O.

NURSERY STOCK.

HIGH GRADE SHRUBS.
The kind that do not disappoint when received at planting time. Send for lists and catalogue.
Henry Lake Sons Co., Nurserymen,
Black River Falls, Wisconsin.

My catalogue for 1911 of native trees, shrubs, bulbs and plants is now ready to mail.
L. E. Williams, Exeter, N. H.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS.
ELLWANGER & BARRY, ROCHESTER, N. Y.

PALMS, ETC.

Pandanus utilus, 3-in., $10.00 per 100; 4-in., $20.00 per 100.
Cocos Weddeliana, 2½-in., $10.00 per 100.
Kentia Belmoreana and Forsteriana, made-up and single plants, all sizes. Special value in made-up Forsteriana, 4 plants in 8-in. tubs, 40 to 44 in. high, $4.00 each., 8-in. tubs, 44 to 48 in. high, very husky, $5.00 each.
Storrs & Harrison Co., Painesville, O.

"FULL OF LIFE" CLEAN, HEALTHY STOCK.

	Select.	Doz.	100
Pandanus Veitchii	3-in	$3.50	$25.00
Pandanus Veitchii	4-in	5.50	45.00
Kentia Belmoreana	4-in	5.00	35.00
Kentia Forsteriana	4-in	5.00	35.00

Cash. Prompt express shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses, Rockford, Ill.

ARECA LUTESCENS.

Pots		Doz.	100
3-in.,	3 in pot	$2.00	$15.00
4-in.,	3 in pot	3.00	25.00
7-in.,	4 to 5 in pot, 36 in. high	Each,	$3.00
8-in.,	5 to 6 in pot, 60-64 in. high	Each,	5.00

COCOS WEDDELIANA.

2-in.	doz.,	$1.75; 100,	$14.00
3-in.	doz.,	2.50; 100,	20.00

KENTIA BELMOREANA.

Pots	Height	Leaves	Each	Doz.	100
2½-in.	8-in.	4	$.....	$ 1.50	$12.00
3-in.	8 to 10-in.	4 to 5	.....	2.00	15.00
4-in.	12-in.	4	.....	3.60	30.00
4-in.	12 to 15-in.	4 to 5	.....	3.60	30.00
5-in.	18 to 20-in.	5 to 6	0.75	9.00	.....
5-in.	15 to 18-in.	5 to 6	.....	6.00	50.00
6-in.	20 to 22-in.	6 to 7	1.00	12.00	.....
6-in.	22 to 24-in.	6 to 7	1.50	18.00	.....
7-in.	28 to 30-in.	6 to 7	2.50	30.00	.....
7-in.	36 to 40-in.	6 to 7	4.50	.....	.....
8-in.	40 to 45-in.	7 to 8	5.50	.....	.....
9-in.	48 to 50-in.	7 to 8	8.00	.....	.....
9-in.	50 to 54-in.	7 to 8	10.00	.....	.....

KENTIA FORSTERIANA.

Pots	Height	Leaves	Each	Doz.	100
2-in.	8 to 10-in.	4	$.....	$ 1.50	$12.00
3-in.	12 to 14-in.	4 to 5	.....	2.00	15.00
4-in.	14 to 16-in.	4 to 5	.....	4.50	35.00
5-in.	16 to 18-in.	5 to 6	.....	6.00	50.00
5-in.	20 to 24-in.	5 to 6	.75	9.00	.....
6-in.	30 to 35-in.	5 to 6	1.50	.....	.....
7-in.	36 to 38-in.	5 to 6	2.50	.....	.....
8-in.	40 to 42-in.	5 to 6	4.50	.....	.....
9-in.	46 to 50-in.	6 to 7	7.00	.....	.....

MADE-UP PLANTS.

Pots	Height	Plants in pot	Each
7-in.	24 to 30-in.	3 to 4	$ 2.50
9-in.	50 to 54-in.	3 to 5	8.00
10-in.	58 to 60-in.	4 to 5	10.00
12-in.	62 to 70-in.	4 to 5	15.00

LATANIA BORBONICA.

2-in.,	1 to 2 leaves. per 100,	$3.00; per 1000,	$25.00
4-in.	per doz.,	3.00; per 100,	20.00
5-in.	per doz.,	5.00; per 100,	40.00
6-in.	per doz.,		6.00

PANDANUS UTILIS.

3-in. pots	per doz.,	$1.50

PANDANUS VEITCHII.

4-in.	each,	$0.50; per doz.,	$ 5.50
5-in.	each,	.75; per doz.,	9.00
6-in.	each,	1.00; per doz.,	12.00

PHOENIX CANARIENSIS.

7-in.,	36 to 40-in. high	each, $ 2.50
8-in.,	46 to 50-in. high	each, 4.00
10-in.,	50 to 54-in. high	each, 8.00
10-in.,	60 to 64-in. high	each, 10.00

PHOENIX RECLINATA.

4-in.	each, $0.25;	doz., $3.00; 100,	$20.00
5-in.	each, .50;	doz., 5.00; 100,	40.00
6-in.	each, .75;	doz., 9.00	

PHOENIX ROEBELENII.

Pots	Each	Doz.	100
2½-in.	$....	$2.00	$15.00
3-in	....	3.00	22.50
5-in.	....	9.00	70.00
6-in.	....	12.00	.....
6-in., strong	2.00	18.00	.....
7-in.	2.50	.....	.....

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Wittbold Co.,
Edgebrook, Chicago, Ill.

PALM SALE.
We have some 1000 palms, from 4-in. up to 8-in. pots, of Kentia (both varieties), Latania borbonica, Phoenix (two varieties), which we want to close out at once. Will make a close cash price to any one that is able to handle the lot, or will sell in dozen lots. Send for list.
Chillicothe Floral Co., Chillicothe, O.

2000 2¼-inch Kentia Belmoreana.
500 3-inch Kentia Forsteriana.
1000 2¼-inch Chamaerops Excelsa.
200 2¼-inch Phoenix reclinata.
500 2¼-inch Latania borbonica.
$150.00 cash takes the lot.
GEO. JUST. JACKSONVILLE, FLA.

Phoenix Roebelenii, 6-in. pots, 1 to 2 ft. high, $1.00 each; 7-in., $2.00 each.
Areca lutescens, 3½ to 4½ ft. high, bushy, 4 to 5 plants to a pot, $2.25 each.
B. M. Wickers & Co., Gretna, La.

Kentia Belmoreana from 2¼-in. pots, 3 leaves, $6.00 per 100; $55.00 per 1000. Cash or satisfactory references with order.
B. Soltau Fernery,
199 Grant Ave., Jersey City, N. J.

Pandanus Veitchii, 3-in. pots, $10.00 per 100; 4-in., $20.00 per 100; bench-grown, 10 in. high, $10.00 per 100; 15 in. high, $15.00 per 100.
J. J. Soar, Little River, Florida

Kentias, extra fine 6-in., $1.00 and $1.50. Worth double.
Burdell Floral Co., Bowling Green, Ky.

Pandanus Veitchii, bench-grown plants, 10 in. high, $10.00 per 100; suckers, $4.00 per 100.
F. M. Soar, Little River, Fla.

Kentias. Big stock. Write for prices.
Holton & Hunkel Co., Milwaukee, Wis.

PANSIES.

Pansy plants, small plants, giant flowering, $2.50 per 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Pansy plants grown from the finest giant mixtures, $3.00 per 1000. Cash with order.
Hayman Greenhouse Co., Clarksburg, W. Va.

Pansy plants, grown from the finest giant mixtures, $3.00 per 1000. Cash. No order less than 500. John Lappe, Maspeth, L. I., N. Y.

PANSIES—Continued.

Pansy Park Perfection is the best strain of giant show and fancy pansies, largest in size and of the greatest variety of rich and rare colors, the reds and bronzes in large proportion. The growing of pansy seeds and plants a specialty for nearly 40 years. Samples of many reports: "Pansy plants arrived in best possible condition. They have the finest roots I have ever seen. I am well pleased." Fred Reichert, San Antonio, Texas. If you want more proof read the many testimonials in my Review advs. during the past 2 months. Over 75 varieties mixed. An immense stock of fine field-grown plants from seed sown thinly, broadcast, so that each plant has plenty of room to grow stocky and strong, with extra good roots, 1000, $3.00; 500, $1.75; 5,000, $14.00; 10,000, $27.00. Special attention to southern orders and delivery in good condition guaranteed. Cash with order.
L. W. Goodell, Pansy Park, Dwight, Mass.

HOME OF PANSIES.
Our strain of pansies is unsurpased. We have scores of testimonials. Here is what a few of my customers say—Audubon Park Association, New Orleans, La., writes: "Pansies received in good order. Thanks." J. M. Breckenridge, Savannah, Ga., sends us an order and says: "I bought plants from you last year and found them very satisfactory." The Pansy Floral Co., De Land, Fla., sends us an order and says: "Plants we got from you last year were fine." Industrial School and Gardens, Mobile, Ala., says: "The pansies you sent were in good shape when received and are doing nicely." They sent us another order. We have a large stock of Our Own Specials, Masterpiece, Perret, Trimardeau, black, yellow, blood red, etc., all kinds mixed, $2.50 per 1000. 5000 for $10.00.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Think of the strain of pansies containing light, dark, lavender, violet, blue, bronze, royal purple, red, cerise, salmon, mahogany, yellow and red and gold shades, a dozen or more varieties in each shade, of immense size with great form and substance. They are MASTODON PANSIES. It has cost us hundreds of dollars and eighteen years' time to upbuild this strain and it is worth all it cost. We guarantee perfect order delivery everywhere and we guarantee satisfaction. Plants, 50c 100; $3.00 1000; $12.50 5000, prepaid.
Steele's Mastodon Pansy Gardens, Portland, Ore.

Pansies, strong transplanted, for flowering in greenhouse, best sorts, $2.00 per 100.
F. A. Baller, Bloomington, Ill.

PELARGONIUMS.

Pelargoniums, the old-fashioned dwarf everblooming pansy geranium, the one you can recommend to your customers as a free bloomer, 2-in., $3.00 per 100; 2½-in., $4.00 per 100. Good stock. Green's Greenhouses, Fremont, Neb.

Pelargoniums, assorted varieties, 2-in., ready for shift, $3.00 per 100.
Williams & Clark Floral Co., Muncie, Ind.

PEONIES.

Peonies in any quantity. Write for prices on list of your wants.
Gilbert H. Wild, Sarcoxie, Mo.

Peonies only, by the wholesale. Best 100 varieties. J. F. Rosenfield, West Point, Neb.

PETUNIAS.

Dreer's double petunias, 6 choicest colors and varieties; just what you need for propagating, 3-in., 5c. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Dreer's double petunias, selected large flowering doubles, finely fringed, mixed colors. Rooted cuttings, $1.00 100, $9.00 1000; 2-in., $2.00 100. Cash. J. P. Cannata, Mt. Freedom, N. J.

Petunias, double fringed. Strong rooted cuttings, $1.00 100; $9.00 per 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

2000 D. petunias, $2.00 per 100.
Mercer Floral Co., Bowling Green, O.

Petunias, double red, pink, variegated, 2¼-in., 3½c. Hammerschmidt & Clark, Medina, O.

POINSETTIAS.

POINSETTIAS.
We have a fine lot of poinsettias in 3-in. and 4-in. pots at $2.00, $3.00 and $4.20 per doz. These can be made up in pans, any size desired. They have fine bracts and are sure to give satisfaction.
Made-up plants in bloom.
6-in. pots .....50c each
7-in. pots .....75c and $1.00 each
THE EDGEBROOK GREENHOUSES & NURSERIES
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

POINSETTIA HEADQUARTERS
Good, strong plants in bloom.
5-in., made-up, 3 to 4 plants....$0.50 to $0.75 ea.
6-in. pans, 4 to 6 plants..... .75 to 1.00 ea.
8-in., 5 to 7 plants..... 1.25 to 2.00 ea.
Rober & Radke, Maywood, Ill.

XMAS. POINSETTIAS.
Perfect stock from outside cuttings.
2½-in., $10.00; 3-in., $15.00; 4-in., $20.00; 5-in., $35.00 per 100. In pans, 7-in., $1.00; 9-in., $1.50; 10-in., $2.00 each. Good flower and foliage guaranteed. Evenden Bros., Williamsport, Pa.

Poinsettias in fine flower for Christmas, 3-in., $10.00 per 100; 4-in., $15.00 per 100.
Baur Floral Co., Erie, Pa.

PANS OF POINSETTIAS.
Fine bracts for Christmas.
6-in., 3 in a pot.....75c each
7-in., 4 in a pot.....$1.00 and $1.25 each
Gullett & Sons, Lincoln, Ill.

Poinsettias, 3½-in., 20c; 4-in., 25c; 5-in., 35c; large bracts and perfect foliage. Sure to please. Cash with order or satisfactory reference.
Aug. H. Schaefer, York, Pa.

Poinsettia cut blooms, $1.50 to $2.50 per doz. Order at once.
F. S. Smith, 330 W. 38th St., Indianapolis, Ind.

PRIMULAS.

Primulas. Obconica grandiflora, fringed, Ronsdorfer and Lattmann's strain, in following colors: kermesina, roses, lilacina and alba, from 4-in. pots, assorted, 7c. Gigantea, Arendsi strain, in same colors as above, assorted, 4-in., 8c. This stock is all strong, with heavy crowns, some in bud and bloom. Sample mailed for 10c or a bloom sent free on request. Cash or satisfactory reference. C. F. Mahan, R. D. 8, Dayton, O.

PRIMULA OBCONICA.
3-in. pots.....per doz., $0.75; per 100, $6.00
PRIMULA SINENSIS.
4-in. pots.....per doz., $1.50; per 100, $10.00
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Primulas. Obconica and Forbesi, strong 2-in., ready for 4-in. pots, $1.50 per 100. Chinese, 4-in., $8.00 per 100. Obconica, 4-in., $6.00 per 100. All the above are A No. 1. Order now and get stock you will be pleased with. We defy all competition. Ferns, cash with order.
R. S. McMurray, Bellefontaine, O.

IN BLOOM FOR CHRISTMAS
Chinese primroses, large flowering fringed, mixed colors, extra large plants in 5-in. pots, $15.00 per 100; without the pots, $12.00 per 100. Must be sold, I need the room. Cash, please.
Wm. A. Fenical, Harrisburg, Pa.

Primula obconica grandiflora, 3-in., partly in bloom, $6.00 per 100; 4-in., in full bloom, $2.00 per doz. Chinese primroses, 4-in., $10.00 per 100. Cash, please.
Rober & Radke, Maywood, Ill.

Primula obconica gigantea, our Royal mixture. Strong stock, in bud, ready for shift, 2½-in., $2.75 100. Kewensis, also in bud, 2½-in., $2.50; 3-in., $5.00; 4-in., $8.00 100. Cash.
Freeport Floral Co., Freeport, Ill.

Chinese primroses, finest fringed, mixed colors, 3-in., $4.00; 2-in., $2.00. Kewensis, 3-in., $3.00. Extra good plants. Cash. M. S. Etter, successor to John F. Rupp, Shiremanstown, Pa., The Home of Primroses.

Primulas, Chinese, 3-in., ready for a shift, all colors, $5.00 per 100; 4-in., all red, in bud and bloom, 10c each. Kewensis, in flower, 3-in., 5c each. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Chinese primulas, 3-in., ready to shift, 5c. Primula kermesina, 3-in., ready to shift, 5c. Obconica, mixed, 2-in., 1½c.
U. G. Harglerode, Shippensburg, Pa.

FLOWERING FOR CHRISTMAS.
Primroses, well in flower, 5-in., 25c; 6-in., 40c. Several colors.
Gullett & Sons, Lincoln, Ill.

Primula obconica, best large flowering strain. Strong, 2½-in. pot plants, $3.00 per 100; $25.00 per 1000. Cash with order. 500 at 1000 rate.
Frank Oechslin, 4911 W. Quincy St., Chicago.

P. obconica grandiflora, alba, rosea, lilac, hybrida, rubra, compacta, Forbesi, 2c; sanguinea, carmine, gigantea, 2½c. All 2-in. pots. Cash.
Byer Bros., Chambersburg, Pa.

Primula obconica, strong plants. Gigantea, rosea and kermesina; grandiflora, rosea, permesina and alba, 2-in., 2½c; 3-in., 6c. Kewensis, 2-in., 2½c. Cossairt & Sons, Shelbyville, Ind.

Primula obconica gigantea, mixed colors. Strong 4-in., $7.00 per 100; 50 extra heavy 6-in., 25c each. H. B. Snow, Camden, N. Y.

Primulas, Chinese and obconica, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Primula obconica, 2¼-in., $2.75 per 100. All sold out of Chinese primroses. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Chinese primroses, mixed, 3-in., ready to shift, $4.00 per 100; $35.00 per 1000. Cash.
I. N. Kramer & Son, Cedar Rapids, Ia.

Primroses, mixed colors, 4-in., 12½c.
Flick Floral Co., Fort Wayne, Ind.

Primula sinensis, good crop.
J. Hasslach, St. Remy de Provence, France.

Primulas obconica, alba and rosea, $1.50 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Primroses. See my display adv. before you buy.
J. W. Miller, Shiremanstown, Pa.

Primula obconica, 4-in., 10c; 5-in., 20c.
Mosbæk Greenhouse Co., Onarga, Ill.

PRIVET.

200,000 2-yr. Cal. privet, all sizes, $1.50 per 100 and up. Large stock Ampelopsis Veitchii, Clematis paniculata, hydrangeas, etc. Get my list.
Benj. Connell, Florist, Merchantville, N. J.

California privet. A splendid lot of fine well graded 2-yr. stock. For particulars see our display adv. Chas. Black, Highstown, N. J.

CALIFORNIA PRIVET.

2-yr., 12 to 18 in., 5 to 8 branches	$10.00	1000
2-yr., 18 to 24 in., 5 to 8 branches	12.50	1000
2-yr., 2 to 3 ft.	15.00	1000
2-yr., 3 to 4 ft.	20.00	1000
1-yr., 2 to 3 ft., 3 to 5 branches	12.00	1000

TRUE EVERGREEN AMOOR RIVER.

18 to 24 in., well branched	$17.50	1000
2 to 3 ft.	25.00	1000
3 to 4 ft.	30.00	1000

SOUTHSIDE NURSERIES, CHESTER, VA.

CALIFORNIA—Any quantity, size, age. Not any better grown. Write for prices on it. Fruit and ornamental trees, shrubbery, etc.
Franklin Davis Nursery Co., Baltimore, Md.

RESURRECTION PLANTS.

Resurrection plants, 12-in. diameter open, $4.00 100 postpaid.
J. A. McDowell, Ap. 167, Mexico City, Mex.

Resurrection plants, cheap.
Wm. Tell, Austin, Texas.

RHODODENDRONS.

RHODODENDRONS.
In fine shape for Christmas.
Christmas Cheer.....75c, $1.00, $1.25 each
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of the Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

ROOTED CUTTINGS.

ROOTED CUTTINGS.
Ivy geraniums, a collection of up-to-date sorts, $1.50 per 100. Tradescantia discolor, strong cuttings, 75c per 100. Coleus, a fine collection of the best sellers, including Verschaffeltii and Golden Bedder, 75c per 100; $6.00 per 1000. German ivy, 60c per 100. Cupheas (cigar plant), 70c per 100. Alyssum, double giant, 70c per 100. Heliotrope, blue, 75c per 100.
John Irvine & Sons, Bay City, Mich.

Paris daisy, giant yellow and giant white, Gem feverfew, heliotropes, genistas, abutilons, fuchsias, 6 kinds, $1.00 per 100. Cupheas, 75c per 100. Ageratum, 4 kinds, 60c per 100. Alternantheras, 4 kinds, 50c per 100. Moonvines, $1.50 per 100. Rose geraniums, $1.25 per 100. Cash with order.
Byer Bros., Chambersburg, Pa.

Let me root cuttings for you. Send for list at rock bottom prices and you will get cuttings with roots on them. Many ready Dec. 15.
R. E. Rathbun, Sioux City, Iowa.

ROSES.

ROSES—Send for complete list.

American Pillar, 3-yr.	$35.00 100
American Pillar, 2-yr.	25.00 100
Dorothy Perkins	12.00 100
Lady Gay, 4 to 5 ft.	16.00 100

Conard & Jones Co., West Grove, Pa.

ROSES.

Bride, 3½-in.	$6.00 per 100
Killarney, 3½-in.	10.00 per 100

Cash with order.
Rosemont Gardens, Montgomery, Ala.

American Beauties. A No. 1 early cuttings, $30.00 per 1000; 1000 selected bench plants, 2½-yr., $40.00. L. A. Coles, Kokomo, Ind.

Roses for forcing. See our display adv.
Jackson & Perkins Co., Newark, New York.

225 best varieties—old, new, tried, true.
Leedle Co., Expert Rose Growers, Springfield, O.

ROSEMARY.

Rosemary R. C., $1.50 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

RUBBERS.

FICUS ELASTICA.
6-in. .....each, 50c; doz., $6.00
7-in.. branching .....each, 75c and $1.00
FICUS REPENS (vine).
2½-in. .....each, $0.50
THE EDGEBROOK GREENHOUSES & NURSERIES.
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

"FULL OF LIFE" STRONG, HEALTHY STOCK

		Select	Doz.	100
Ficus Belgica	3-in.	$2.50	$20.00	
Ficus Belgica	4-in.	4.00	30.00	

Cash. Prompt express shipment.
Rockford Seed Farms, H. W. Buckbee,
Forest City Greenhouses, Rockford, Ill.

Rubbers, fine 5-in. stock, 35c each.
Holton & Hunkel Co., Milwaukee, Wis.

SALVIAS.

SALVIA ROOTED CUTTINGS.

Bonfire	$6.00 per 1000
Zurich	6.00 per 1000

2-IN. POTS.

Bonfire	$2.00 per 100
Zurich	2.00 per 100

THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Salvias, splendens, Bonfire, R. C. or transpl., 90c per 100, mail 10c per 100; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Salvia Bonfire. R. C., $6.00 1000. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

1000 salvias. Splendens and Bonfire, 2-in., 2.00.
Mercer Floral Co., Bowling Green, O.

SEEDS.

CROP 1911

FLORISTS' SEEDS.

ASPARAGUS PLUMOSUS NANUS,
Genuine eastern greenhouse grown
$4.00 per 1000; $18.75 per 5000 seeds.

SHAMROCK, GENUINE IRISH,
25c trade packet; 75c oz.

SALVIA SPLENDENS BONFIRE,
25c ⅛ tr. pkt.; 40c tr. pkt.; $2.25 oz.

STOCKS, MICHELL'S FLOWER MARKET,
In colors or mixed,
30c ⅛ tr. pkt.; 50c tr. pkt.; $3.50 oz.

VERBENAS, MAMMOTH FANCY,
In colors,
30c trade packet; $1.25 oz.
Mixed, $1.00 oz.

HENRY F. MICHELL CO.,
518 Market St., Philadelphia, Pa.

OUR OWN GROWN.
ASPARAGUS PLUMOSUS NANUS SEED.
Guaranteed true to name.
Ready for delivery now.
NEW CROP.

Lots of 5,000.....$2.25 per 1000
Lots of 10,000..... 2.00 per 1000
Lots of 20,000..... 1.75 per 1000
Lots of 50,000..... 1.50 per 1000
Single thousands, $2.50

LOS ANGELES FLOWER MARKET,
414½ South Broadway,
Los Angeles, California.

Seed packets and bags. Catalogue, clasp and commercial envelopes, printed or plain. "If it's a Spangler bag it's a good one." Estimates furnished.
E. J. Spangler Co., N. Howard St., Phila., Pa.

FLORIDA GROWN.
ASPARAGUS PLUMOSUS NANUS SEED
FROM NEXT CROP.
Any quantities. Write for prices.
PETER MACK, ORLANDO, FLA.

Clematis paniculata, Ampelopsis Veitchii, Berberis Thunbergii and 20 other varieties of fresh seed. List of seeds and plants free.
Benjamin Connell, Florist, Merchantville, N. J.

CHOICE ONION SEED
Wholesale and Retail
E. L. Carle, Geneva, O.

Asparagus plumosus seed, $2.50 1000; A. Sprengeri, 75c 1000. All from my own plants.
C. H. Gardiner, South Pasadena, Calif.

The CHEAPEST, the EASIEST, and the BEST WAY to get rid of your surplus stock is to use the REVIEW'S classified advs.

My catalogue of native tree, shrub and plant seeds now ready. Sent to anyone on application. L. E. Williams, Exeter, N. H.

Aster seed. All the best varieties.
Nat'l Cooperative Show Gardens, Spencer, Ind.

SMILAX.

SMILAX.
500 smilax, 3-in. pots, strong, sturdy plants, twice cut back, $2.00 per 100.
Maurice J. Brinton, Christiana, Pa.

Smilax, fine plants, cut back, 2¼-in., $2.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Smilax, fine plants, cut back several times, bushy, out of 2½-in., $1.50 per 100; $12.50 per 1000. J. C. Schmidt, Bristol, Pa.

Smilax. 900 strong 2¼-in. at $2.00 per 100 or the lot $16.00. Cash.
Tong & Weeks Floral Co., Ashtabula, O.

Strong 3-in. smilax, to close out, $2.50 per 100.
L. A. Spoden, Erie, Pa.

Smilax, well established, 2-in. pots, $1.50 100.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Smilax, 3-in. pots, $2.00 per 100. Cash.
Riverside Floral Co., Muncie, Ind.

Smilax. Good, strong, bushy 2-in. plants, $2.00 per 100. Addems, Morgan & Co., Paxton, Ill.

SNAPDRAGONS.

Snapdragon, florists' giant white, pink, yellow, orange, red, bronze. Strong R. C., $1.00 per 100, $9.00 per 1000; mail 10c per 100; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Snapdragons, best for cutting, white, pink, yellow and red, 2-in., $3.00 per 100.
John Irvine & Sons, Bay City, Mich.

Snapdragon rooted cuttings, specimen plants, $1.00 per 100.
Geneva Greenhouses, Geneva, Ind.

Snapdragons, giant white, red, pink and yellow, 2-in., $2.00; $18.00 per 1000. Cash.
Byer Bros., Chambersburg, Pa.

Snapdragons, large flowering, 3-in. stock, $4.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Snapdragons, giant flowering, white, pink, red and yellow. Fine 2½-in. plants, $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

Snapdragons, frame grown. Firefly, white, yellow, 2-in., 2c. J. L. Schiller, Toledo, Ohio.

SOLANUMS.

SOLANUM ACULEATISSIMUM.
6-in. pots, strong plants, each, 50c; doz., $5.00
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

STOCKS.

Stocks. Winter flowering Nice, Almond Blossom, flesh color, light blue, white; frame-grown, 2-in., 2½c. J. L. Schiller, Toledo, Ohio.

Stocks. For prices see display adv. Nov. 30.
John Irvine & Sons, Bay City, Mich.

SWAINSONAS.

Swainsona alba R. C., $1.00 per 100; 2½-in., 3c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Swainsona alba, 3-in., $5.00 per 100; $45.00 per 1000. Hammond Co., Inc., Richmond, Va.

SWEET PEAS.

Winter flowering sweet peas. Now is the time to plant them. Order quick. WHITE—Denzer, Mont Blanc. PINK—Christmas Pink, Earliest of All, Mrs. Dolansky, Mrs. Wm. Sim, Mrs. Wild. LAVENDER—Wallace. Well established in 2½-in. pots.
W. H. Sawvel Floral Co., Kansas City, Mo.

Sweet peas. Florence Denzer, Watchung, Mrs. F. J. Dolansky, Pink Watchung, Mrs. C. H. Totty, Miss Josey Reilly, Greenbrook, Mrs. Alex. Wallace, winter-flowering; several plants to the pot, $3.00 per 100 pots. Cash, please.
R. E. Wadsworth & Co., Northboro, Mass.

Sweet peas, Christmas Pink, Mrs. C. H. Totty, Mrs. F. Dolansky, Snowdrift, 4-in., 3 to 5 to the pot, $5.00 per 100 pots.
Baur Floral Co., Erie, Pa.

Sweet peas. For prices see display adv. Nov. 30.
John Irvine & Sons, Bay City, Mich.

SWEET WILLIAMS.

Sweet williams, mixed colors, 35c per 100; $2.50 per 1000. J. C. Schmidt, Bristol, Pa.

TRADESCANTIAS.

TRADESCANTIA VARIGATA.
(Wandering Jew.)
2-in. .....doz., 40; per 100, $3.00
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

TRADESCANTIAS. 10,000 Wandering Jew R. C., tricolor and green, 60c per 100, $5.00 per 1000; 2½-in., 2c. Cash. Mailing, 10c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

250 Wandering Jew, 3c; lot, $5.00. Cash.
C. W. HARROLD, Decatur, Ill.

UMBRELLA PLANTS.

CYPERUS ALTERNIFOLIUS.
3-in. .....$0.75 doz.; $ 5.00 100
4-in. ..... 1.50 doz.; 10.00 100
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

Umbrella plants, 3-in., $1.00 per doz. Cash, please. John Bauscher, Jr., Freeport, Ill.

VEGETABLE PLANTS.

Grand Rapids lettuce plants, stocky, $1.00 per 1000; 10,000 for $7.50. Double Curled parsley, fine field plants, $1.50 per 1000.
J. C. Schmidt, Bristol, Pa.

Lorillard and Comet tomato seedlings, $2.00 1000. Cash.
Riverview Greenhouses, Lewisburg, Pa.

RHUBARB. Extra large clumps for forcing, 20c each.
Sluis Seed Store, 544 W. 63rd St., Chicago.

100,000 Grand Rapids lettuce plants, $1.00 per 1000; transplanted plants, fine, $2.00 per 1000.
Sourdry Bros., Girard Kan.

Parsley Double Curled, 30c per 100; $1.25 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Lettuce plants, $1.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Comet and Lorillard forcing tomatoes, 2½-in., $2.00 100. Roney Bros., West Grove, Pa.

VERBENAS.

Lemon verbena R. C., $1.50 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

Lemon verbena rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

Lemon verbena rooted cuttings, $1.00 per 100, prepaid. G. E. Fink, Kenilworth, N. J.

VINCAS.

VINCAS.
4-in.....per doz., $2.00; per 100, $15.00
THE EDGEBROOK GREENHOUSES & NURSERIES,
Of The Geo. Wittbold Co.,
Edgebrook, Chicago, Ill.

18,000 Vinca variegata. Strong potted plants, 6-in., $6.00 per 100; 3-in., $5.00 per 100; 2-in., $2.00 per 100; $18.00 per 1000—extra strong 2-in. Cash. Wingert & Ulery, Springfield, O.

Vinca rooted cuttings, $1.00 per 100. Rooted Hermosa rose cuttings, $1.00 per 100. Boston ferns, 4-in., 15c; 5-in., 25c; 6-in., 35c. Cash with order. J. J. Lampert, Florist, Xenia, O.

Vinca variegata, good sized 4-in., can yet be divided, 8c; 3-in., good ones, ready for 4-in., 5c.
Cherry Park Gardens, Fredonia, N. Y.

Vinca variegata. Strong R. C., $1.00 per 100, $9.00 per 1000; 2¼-in., 2c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Vinca variegata, extra large field-grown plants, $3.50 per 100; worth $5.00.
Jas. A. Franks, Grand Haven, Mich.

Vinca variegata. Extra strong field-grown plants, $4.00 per 100. Cash.
H. P. Smith, Piqua, O.

Vinca variegata. Strong field clumps, $5.00 per 100; good medium size, $4.00. Cash with order.
M. M. Lathrop, Cortland, N. Y.

Vinca variegata, fine large field-grown clumps, $5.00 per 100.
Stuhldreher Bros., Mansfield, Ohio.

Vincas, variegated and green. Strong Sept. field rooted layers, $1.00 per 100; $10.00 per 1000. Cash. W. J. Engle, R. D. 8, Dayton, O.

Vinca variegata, 2-in., now ready. Cash.
W. H. Rosenbauer, R. D. 3, Sewickley, Pa.

Vinca variegata R. C., $1.00 100 prepaid.
Chas. Frost, Kenilworth, N. J.

VIOLETS.

Marie Louise violet blooms now ready, A No. 1 quality. For month of November, $1.00 per 100; $7.50 per 1000. Cash with order, please.
C. Lawritzen, Box 261, Rhinebeck, N. Y.

Violets, hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000.
Storrs & Harrison Co., Painesville, O.

WANTED.

Wanted—A few thousand tulips, Cottage and Darwin, at clearing price. Shasta daisies for sale, strong and clean, $2.00 100.
C. Adams, 1200 Union, Memphis, Tenn.

MISCELLANEOUS.

Ivy geraniums, best varieties, 2½-in., $3.00 per 100. Cinerarias, a grand assortment, 2-in., $2.00 per 100. Stocks, winter flowering, 2-in., $2.00 per 100. Grevillea robusta, 2-in., $3.00 per 100. Umbrella plants, 2-in., $2.00 per 100. Ferns for dishes, 2-in., $3.00 per 100. English ivy, 4-in., $10.00 per 100. Poinsettias, 2½-in., $4.00 per 100. Geraniums, 2-in., $2.50 per 100. Sweet peas, winter flowering, 3-in., $3.00 per 100 pots. Lantanas, fine varieties, 2-in., $2.50 per 100. John Irvine & Sons, Bay City, Mich.

Chrysanthemum stock plants, 35c per doz.; $2.00 per 100. Orders booked for chrysanthemum rooted cuttings, $1.00 per 100. Ageratums, sweet alyssum (double giant), coleus, cuphea, marguerite daisies (white), heliotropes, German ivy, salvias, snapdragons, stevias, 50c per 100. Fuchsias, assorted vars., $1.00 per 100. Carnation rooted cuttings, $1.75 per 100. Dracaenas, strong 4-in., $10.00 per 100.
Martin Keit, Sta. A., Bay City, Mich.

LOOK under headings of primulas and asparagus and note what we are offering.
Freeport Floral Co., Freeport, Ill.

TO EXCHANGE.

To Exchange—Chrysanthemum stock plants, Yellow Bonnaffon, Jeanne Nonin, $3.00 per 100, for rooted geranium cuttings or unrooted carnations, must be true to name; also 1 No. 6 Rider engine, will pump 1,000 gal. of water per hour, $75.00 and 1 No. 5 Weathered boiler, rated at 1,000 ft., $60.00; 4-in. pipe; all in good condition.
Alex A. Laub, New Hamburgh, N. Y.

To Exchange—Chrysanthemum stock plants, Oct. Frost, Monrovia, Roosevelt, Major Bonnaffon, Enguehard, C. Touset, $3.00 per 100, for carnation rooted cuttings, White, Rose-pink and Pink Enchantress and White Perfection.
J. H. Milnor & Son, Ada, O.

To Exchange—Rooted or unrooted carnation cuttings, only clean stock, Melody, Winsor, Perfection, Enchantress and Victory for rooted or unrooted White Enchantress, the pure white western strain only.
Anton J. Pauly, Attica, N. Y.

To Exchange—Chrysanthemum stock plants and 4-in. dracaenas for peonies, gladiolus or alternantheras.
Martin Keit, Sta. A., Bay City, Mich.

To Exchange—400 A. plumosus, strong 2¼-in., $3.00 per 100, for geraniums, rooted cuttings or 2-in. Frank C. Seibert, Wheeling, W. Va.

To Exchange—Strong 2½-in. smilax for chrysanthemum rooted cuttings or stock plants.
Marine City Floral House, Marine City, Mich.

To Exchange—Asparagus Sprengeri, 2½-inch, $3.00 per 100, for primula or cyclamen plants.
Weber Bros., Ironton, Ohio.

CARNATION STAPLES.

Pillsbury's carnation staples, 50c per 1000. Postpaid. I. L. Pillsbury, Galesburg, Ill.

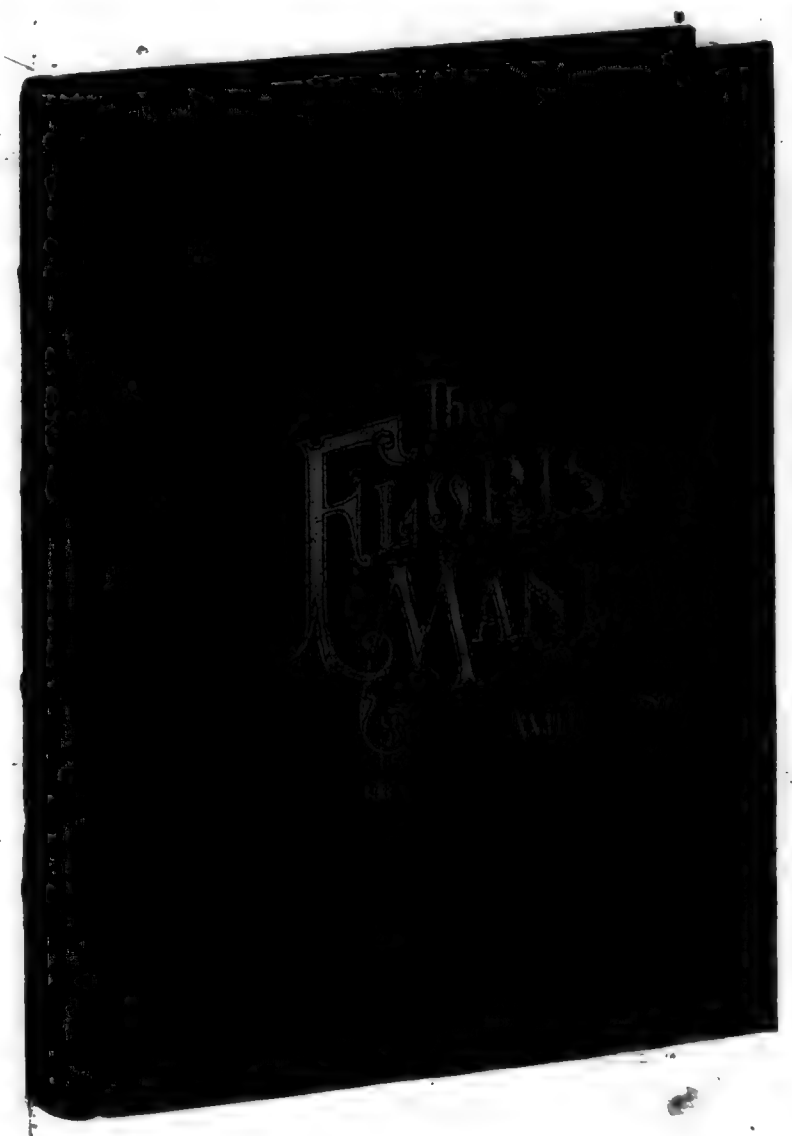
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EVERGREEN WREATHING
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Gold fish, aquarium plants, snails, castles, globes, aquariums, fish food, nets, etc., wholesale. Send for price lists. Large breeding pairs for sale. Franklin Barrett, Breeder, 4815 D. St., Philadelphia, Pa.

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We make Standard Flower Pots, etc.
Write us when in need.
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"NUF SED." Best red pots are made by Geo. E. Feustel, Fairport, Iowa.

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ARE EASY TO KILL WITH

Berger's Fumigating Kind Tobacco Powder

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Spray with lead arsenate both sides of foliage. Ask for K's Sprayer. J. Kopcsay, So. Bend, Ind.

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Tobacco dust for dusting, 100 lb. sack, $1.75; 200 lbs., $3.00. G. H. Hunkel, Milwaukee, Wis.

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Florists' wire designs and hanging baskets.
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WREATHS.

Holly wreaths a specialty; in large and small quantities for the holiday decorations. Write for prices. H. E. Conwell, Milton, Del.

Houston, Tex.—The Kerr Floral Co. has secured the contract for the furnishing of plants and flowers to be used in decorating the Bender hotel.

Charlotte, Mich.—William Breitmeyer has completed his first two greenhouses, 22x150 and 44x150, and is contemplating the erection of six or eight more. He has also installed a heating plant which is much more than sufficient for the present houses.

Studebaker

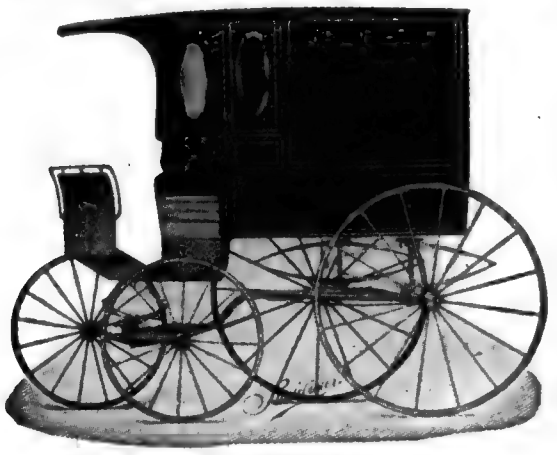
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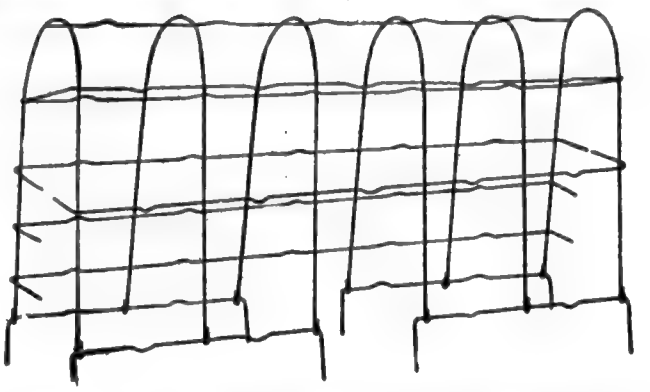
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Of course you are going to use this another season. No thoughtful person would do otherwise. There is nothing that you can use that will compare with it. You just cannot get that clear, distinct space between rows, that uprightness of growth, that straight border line and general neatness by any other method. And all so cheap, just think of it, 1/10 of a cent per plant; lasts 15 years; any height, width or length; comparatively cheap; and you yourself can make it so easily.

By what other method can you do a whole row of plants (any length) in about a minute, and extract in a few seconds? Absolutely none. It begins to save you money from start to finish. is ready when you are. A weary month's job turned into a week. Can any right thinking man still keep in the old rut? Have you any theoretical objections or criticisms? If so, write me. Doesn't it look to be the simplest commonplace thing for its purpose? Do you know where to buy the material cheap? If not, write me. Material in any quantity, well adapted for the purpose, can be had within a half-mile of here for 30c per rod. Don't ring supports cost too much, aren't they too inconvenient, and don't plants grow all outside instead of in? In string and wire or similar methods, don't you find it a long, dreary, never-done job? Don't the plants, sooner or later, spread all over the bed, and the strings become loose and saggy, plants crooked, smothered at the bottom, a regular mixed-up mess to work among and to tease out when the weather is so hot? Do you want to keep this up when there is such a good thing at your command? Do you think you have any good reasons for thinking what I claim is not the truth? If so, write for proof. I have all the necessary proof at my command and am willing to part with it. Send $5.00 for permit and instructions. Infringement for using without permission may cost more.

Patent applied for.

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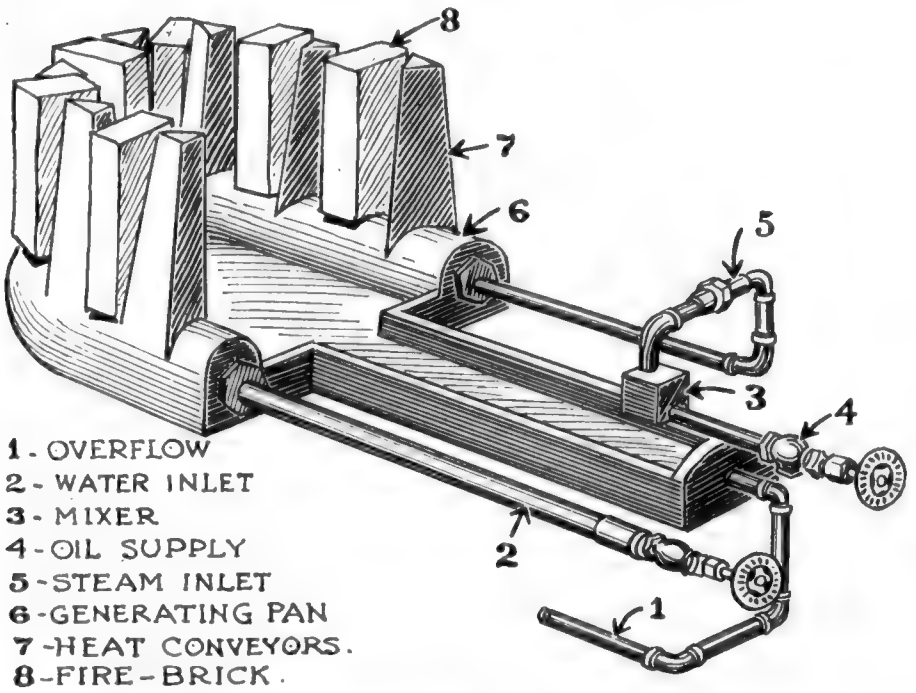
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1-OVERFLOW
2-WATER INLET
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No more getting up at night

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W. L. LEEKA, Florist.
Fairmont, Ill., Nov. 23, 1911.

Messrs. Raber & Pierce, Junction City, Kan.

Gentlemen: In regard to the burner recently purchased of you—Rodgers' Patent—I know of no better language to express my appreciation than the word "satisfied." To say that it is perfection is not too high. I am using crude oil, 34 gravity. I have over 5000 feet of glass, and from my test I believe that the coldest weather will not require over 30 gal. to 24 hours. Sincerely yours,

[Signed] W. L. LEEKA.

You can only burn oil successfully with steam, and our burner makes its own steam. Send size of fire box and fire door and get prices and literature on heating your plant.

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Anthracite, Bituminous, Coke and Gas Coal

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Our sales to Florists for 1910 were 200% increase over 1909 and every customer satisfied.

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Write Department F. for new catalogue.

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and we want to send it to you for **30 days' FREE trial.**

The Perfection will clean welded flues as well as old ones; remove scale from tubes without cutting metal; clean hot or cold flues without changing temper; can be operated by flexible handle.

The knives are always sharp.
Heads are drop steel forgings.
Hundreds now in use by florists.

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For Prices on

Genuine Wrought Iron Pipe

Ask For Catalogue.

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Greenhouse Heating.

Snow blockades are to be expected at any time after the turn of the year and it merely is courting trouble to let the coal supply run low at this season.

OPERATION OF GATE VALVES.

I am heating a house with hot water. A 3-inch main leaves the boiler and is divided into two 2-inch flows, which run to the farther end of the house, where they drop and feed fourteen 1½-inch returns, sixty-five feet long. There are gate valves near the boiler, on the 3-inch main and return. These gate valves, when turned down seven turns of the ten which it takes to close them, affect the temperature of the house only a fraction of a degree, if at all. How can this be explained? Would you recommend larger flows than I am using?

A. B. R.

The statement regarding the conditions is not sufficiently clear to warrant a definite answer. Much depends on the location of the pipes; if the returns are placed several feet above the top of the boiler, a very small opening would give a good circulation. This would be especially true if overhead flows are used. While a 3-inch main is amply large for the radiation in the houses, it is not advisable to attempt to supply more than 200 square feet of radiation with a 2-inch pipe, and there would be something more than 525 feet to be supplied by the two 2-inch flow pipes in the house in question. If the returns are placed well above the boiler, however, they ought to do the work fairly well.

The size of the opening through a valve need not be as large as would be desirable in the pipe itself, on account of the friction in the latter throughout its entire length, and if a 3-inch gate valve is one-third open the effect on



the flow in a system such as described would not be very marked. If the system is not giving satisfaction, putting in another 2-inch flow pipe and raising the return pipes would certainly be helpful, especially if the flow pipes are overhead and run downhill.

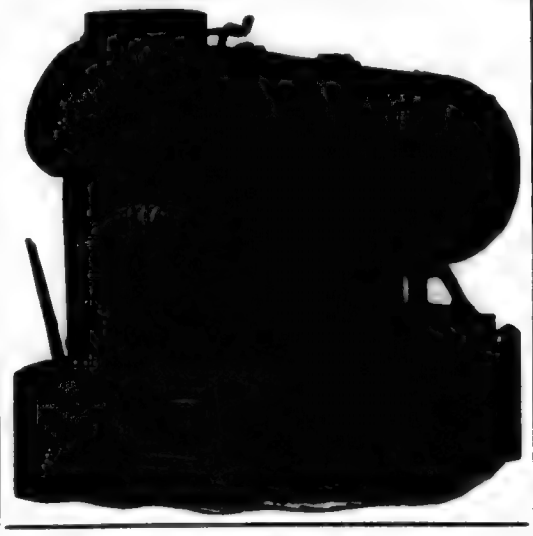
CONNECTING EXPANSION TANK.

On page 94 of The Review of November 9, in your reply to H. E. H.'s inquiry about cold return pipes, I notice that you advocate joining the expansion tank to the flow pipe. Is this the common practice now? I have heard that the tank should connect with the return always, as the cold water from the tank, coming in contact with the hot water, might cause trouble. The few places that I have seen, whether open or closed systems, had the connections with the return. What advantage is there in connecting with the

DO YOU KNOW ABOUT THE
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Especially adapted for Greenhouse Work, Fittings, Valves, Tools, etc.
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IMPROVED RETURN TUBULAR FIREBOX BOILER



Johnston Heating Co.
131 E. 26th St., New York City

Mention The Review when you write.

flow? Would only open tanks be used in this way? K. G.

The plan of connecting the expansion tank with the flows, rather than with a return pipe, has no disadvantage and there are several points in its favor. Arranged in this way, it does away with the use of air valves and the bother of looking after them. It also permits the air and steam to pass out readily and there is less danger of the water being thrown out through the expansion tank than when the latter is connected to a return, in case the water gets to boiling. The connection can be made to the flows with both open and closed tanks. If properly connected, the water in the tank would circulate sufficiently to keep it slightly warm at least, but even if cold water mingled with warm water the only effect would be to equalize the temperature.

BRAMPTON, ONT.

The Market.

Brampton greenhouses have been taxed to their utmost during the last few weeks to produce anything like the quantity of stock which the ever increasing florists' business calls for. In fact, there never was such a demand for flowers as there is at present, and the best quality of stock finds a ready market everywhere.

Various Notes.

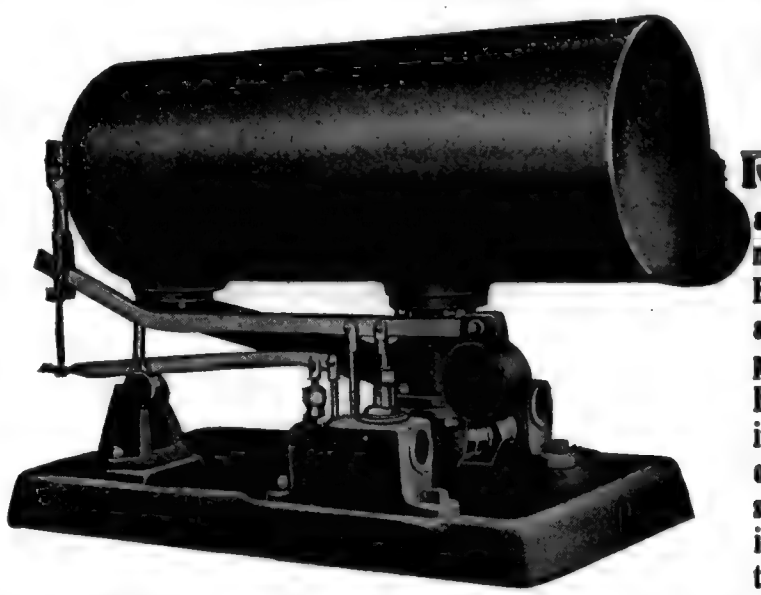
Walter Calvert has two new houses devoted to violets, which in this section are hardly as prolific this year as last, notwithstanding the fine weather conditions.

Mark Henderson found chrysanthemums again a profitable venture, and for the rest of the winter he will devote his space to successive crops of lettuce, for the local market.

Both R. Jennings and William Fendley are cultivating carnations and violets extensively, and find it difficult to grow a sufficiency of the latter for their customers, even at $1.50 per hundred, wholesale.

Social events of late have created a demand, especially for orchids and American Beauties, such as has never before been known at the Dale Estate, and, fortunately, their stock of both flowers this year has turned out most satisfactorily. Chrysanthemums came to a full stop last week, and their benches are already half full of carnation cuttings in the sand. The Beacon

An Innovation in Steam Trap Design and Construction



THE NEW "Detroit" RETURN TRAPS

are devoid of all unnecessary mechanism.

Every part designed, manufactured and assembled with the idea of permanence foremost.

Every tilt of the trap shows that it's working—draining every drop of condensation from the heating system and automatically returning it to the boiler—no pumps—no trouble.

Condensation is the purest kind of boiler feed water. Don't waste it. Return it directly to the boiler by "Detroit" Return Traps and prevent scale formation.

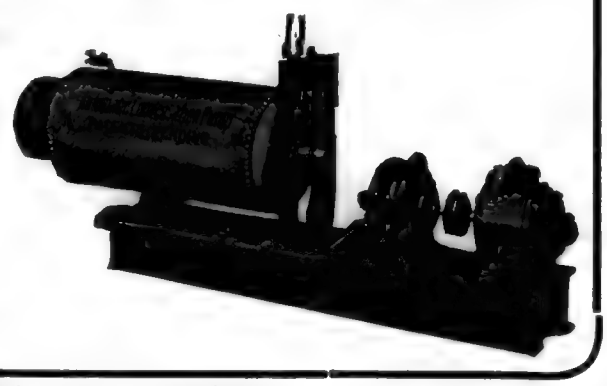
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DETROIT, MICH.
U. S. A.

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COAL! BETTER TO SAVE COAL THAN BUY IT CHEAP

Our Automatic Electric Condensation Pump
SAVES 20% TO 50% COAL.
Draws Water and Air out of the Heating System.
Returns Condensation Water to Boilers.
Makes Heating Uniform
SAVES LABOR
Write for particulars.



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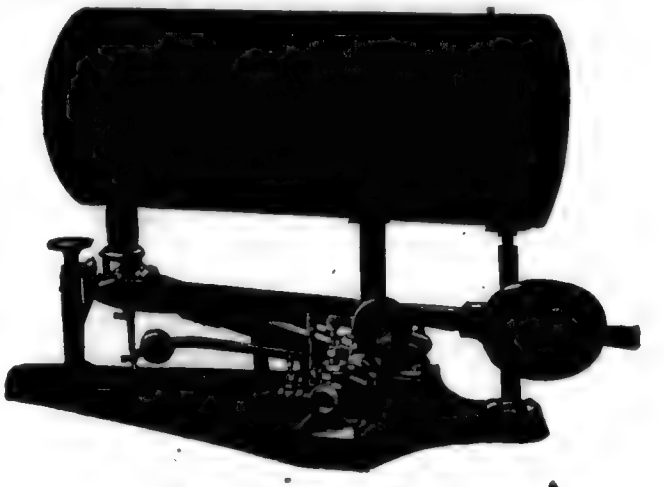
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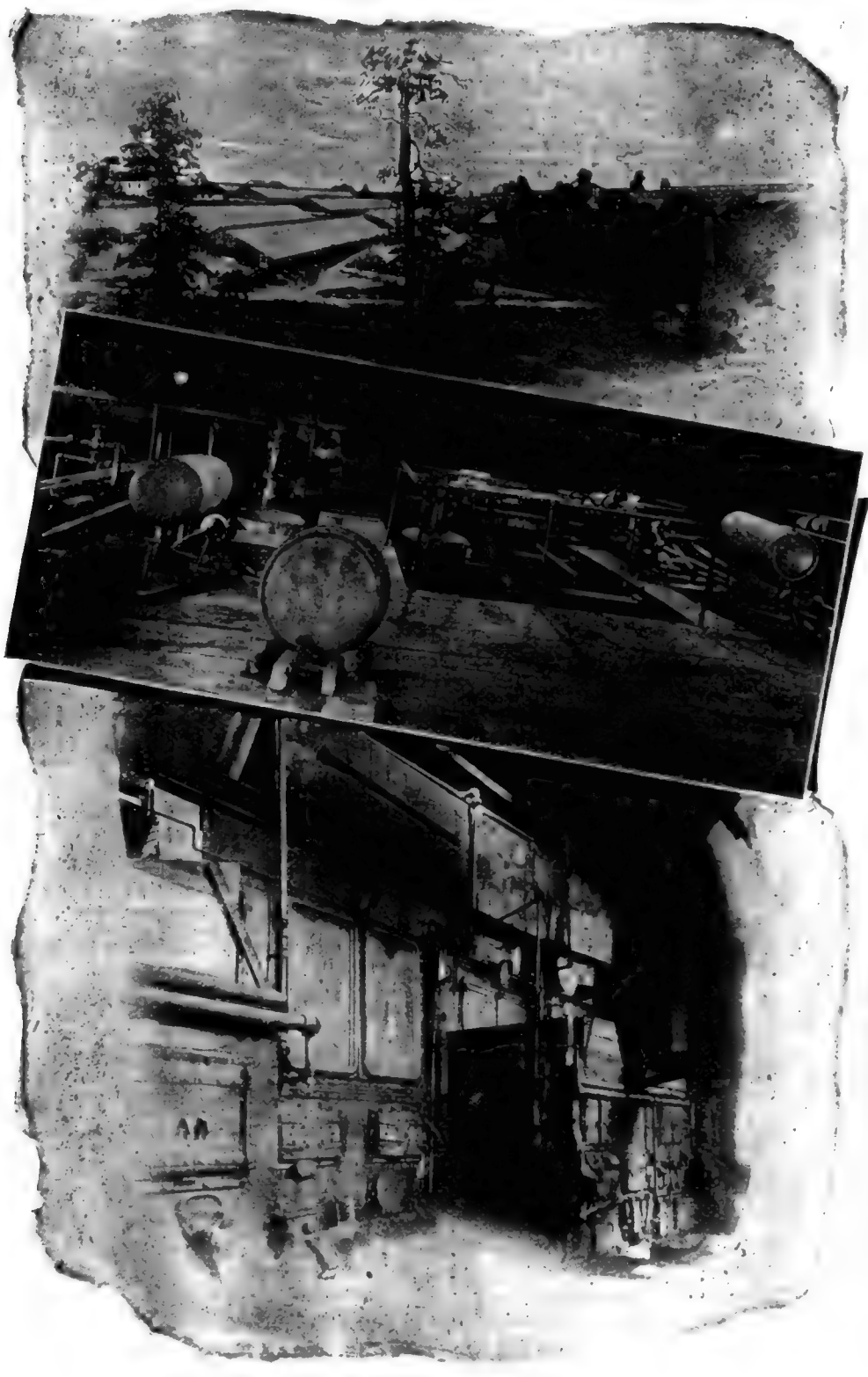


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CHICAGO
Are noted for coal economy and good results generally
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Second-hand Machinery
Boilers for Greenhouses—Pipe of All Kinds and Sizes
Get Our Prices and Save Money
M. BARDE & SONS, 240-242 Front St., Cor. Main, Portland, Ore.
The House of a Million Bargains
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The Florists' Choice is the "Morehead System" of Steam Drainage and Boiler Feeding





THE accompanying illustration shows the Morehead Steam Trap installation at the Greenhouses of the Pittsburgh Cut Flower Co., located at Bakerstown, Pa.

The installation consists of 2 No. 5 Morehead Return Steam Traps, one working on a battery of Tubular Boilers, which are developing, in cold weather, 600 H. P.

The Morehead Traps are feeding these boilers entirely, without the use of pump or injector.

The plant is furnishing steam to 12 houses, having 300,000 square feet of glass area and containing 184,000 feet of steam pipe to keep dry.

Write for a Trial Trap

Address Dept. "M"

Morehead Mfg. Co.

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Stocks carried in—

New York	Wichita, Kan.
Philadelphia	Memphis, Tenn.
Chicago	New Orleans, La.
San Francisco	Birmingham, Ala.
Los Angeles	Chatham, Ontario

carnation is in magnificent form this season, and letters from far-off Newfoundland testify to the excellent carrying qualities of carnations in general.

W. G. P.

YONKERS, N. Y.

On Friday, December 1, a well attended meeting of the Yonkers Horticultural Society was held and many interesting matters were discussed.

The committee on the spring show reported progress, and the executive committee reported on the financial result of the last fall show. It was voted to pay a deficit of $83.80 from the society's funds.

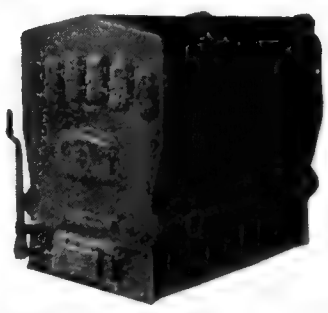
Four active members, A. W. Millard, W. A. Murray, F. Smith and W. Muir, were elected; also one associate member, W. Butts Two nominations for membership were received.

A prize was up for twelve carnations, any variety, and R. Cochrane was awarded first, with splendid blooms of Enchantress, White Enchantress and Dorothy Gordon. Messrs. Macdonald and Kinney received cultural certificates.

The Julius Roehrs Co., of Rutherford, N. J., exhibited a new begonia, La Patrie, and a certificate of merit was awarded, its handsome, glossy foliage being much admired. H. M. B.

Long Branch, N. J.—K. M. Van Gelderen, proprietor of the Evergreen Nurseries, started business here two years ago with one greenhouse and the returns were so satisfactory that he decided to build another house this season. The new house was completed in time for the Thanksgiving trade.

THE BURNHAM



HOT WATER OR STEAM

56 Sizes
Heats from 1850 to 27,000 square feet.
Send for Catalogue.

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WILKS
Hot Water Boilers
—Are—
The Most Economical Boilers for Greenhouses

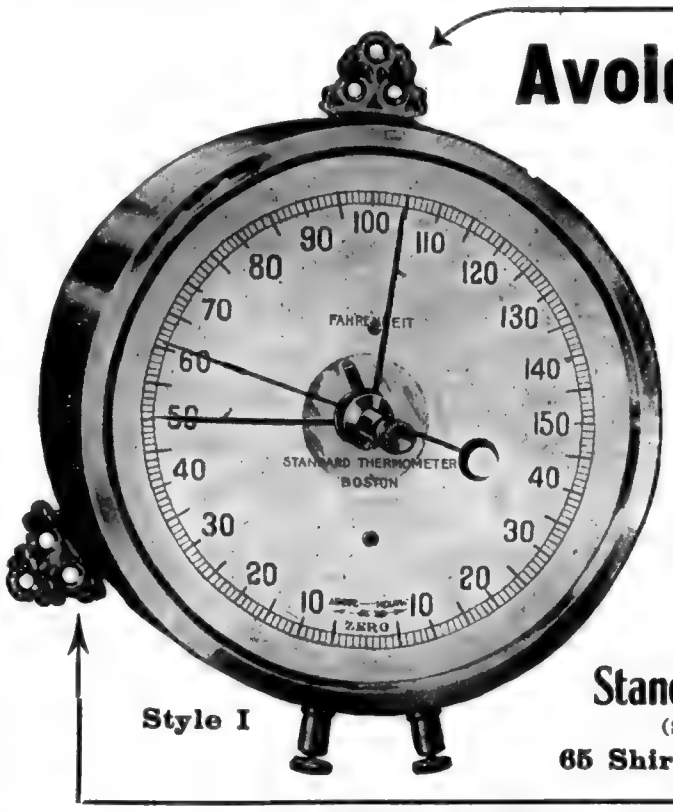
No night fireman required with our Self-feeding Hot Water Boilers.

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Style I

The sudden cold wave that swept the country November 12 brought heavy loss to many florists who had no warning. This Standard Thermostat, if placed in your houses, will save your stock from a similar freeze-up if you should be caught unawares. It is also an excellent fire alarm. The indicating hand shows the actual temperature at all times. When it reaches either of the other hands, which can be set for any variation you desire, it

RINGS AN ALARM

anywhere you please to locate the bell. You are thus protected against both excess cold and excess heat, and when the temperature in your houses becomes dangerous you are immediately notified.

Anybody can put it up—only a screwdriver needed—and full directions with each instrument.

Style I, diameter 6 inches, price, $5.00 each.

This is the cheapest of all crop insurance. You can't afford to be without it this winter.

Standard Thermometer Co.
(Successors to Parker Mfg. Co.)
65 Shirley Street, Boston, Mass.

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More Heating Surface

and less water space than is contained in any other boiler. (Note the many flues set close together.) This is one reason why the users of the

"Superior Standard" Greenhouse Boilers

find them perfectly satisfactory. We frequently receive re-orders from florists who have tested these boilers thoroughly and found them even "Superior" to our claims.

Why not ask for full particulars today? A postal to us will bring a prompt reply.

SUPERIOR MACHINE & BOILER WORKS
Superior and Green Sts., CHICAGO, ILL.

Mention The Review when you write.



Successors to the John Davis Company

The Users Of The.... **Hughson Regulating Valve**

are all satisfied with the results it has given, and many duplicate orders is the proof. **This Valve will maintain a steady pressure** on the low side, no matter how the initial pressure fluctuates. By carrying 40 or 50 pounds pressure on the boiler and setting the valve to carry 5 or 10 pounds on the line, you always have a reserve to fall back on in case of a sudden drop in temperature. **Our new catalogue is just out** and if you contemplate making any changes you had better get one—it is yours for the asking.

We Also Make Traps and Other Devices.

HUGHSON STEAM SPECIALTY CO.
5021-5023 S. State Street, CHICAGO

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HIGH-GRADE BOILERS

Get Our Catalogue **For GREENHOUSES**
STEAM and HOT WATER

GIBLIN & CO., 109 Broad Street, UTICA, N. Y.

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50% SAVED
Pipes, Flues

and casing thoroughly overhauled and guaranteed. Greenhouse fittings of every description.

ILLINOIS PIPE & MFG. CO.
2115 S. Jefferson Street, CHICAGO

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MT. GILEAD POTTERY CO., Mt. Gilead, Ohio

Successors to SMITH-THOMAS POTTERY

Manufacturers of CHERRY RED STANDARD POTS of all sizes

Our clay is mined from the old Morrow County Beaver Swamp, which enables us to furnish florists with pots noted for strength, porosity, beauty in color, lightness in weight and smoothness in surface, making them especially adapted to the successful growth of plants.

Our factory is equipped with new and up-to-date machinery. Our capacity is greater and our warehouse full of stock. We are ready to give all orders prompt attention. Give us your order and we will satisfy you.

OUR PRICES WILL INTEREST YOU. PRICE LIST ON APPLICATION

Mention The Review when you write.

JACK FROST

MATS

	Each	Doz.
RYE STRAW . .	$1.50	$17.00
BURLAP	1.20	14.00

WM. ELLIOTT & SONS

42 Vesey Street, NEW YORK

Mention The Review when you write.

Syracuse Red Pots

¶"A little pot is soon hot"; so is a thin pot. Our pots are much thinner and tougher than others. It's the quality of the clay. Write for our latest price list if you did not get one.

Syracuse Pottery Co.

SYRACUSE, NEW YORK



GEO. KELLER & SON

Manufacturers of

RED POTS

Before buying write for prices.

2614-2622 Herndon Street

Near

Wrightwood Ave., CHICAGO, ILL.

Kramer's Pot Hanger

For Sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, $1.00 per doz. by express. Sample doz. by mail, $1.25.

I. N. KRAMER & SON, Cedar Rapids, Iowa

RED STANDARD POTS Prices per 1000, F. O. B. Harrison

2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80.

Cash must accompany order.

HARRISON POTTERY, Harrison, Ohio

Mention The Review when you write.

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AMERICAN TRADERS

If you are interested in European stocks of Plants and Seeds and latest news concerning same, subscribe to **THE HORTICULTURAL TRADE JOURNAL**, published weekly, and **THE INTERNATIONAL HORTICULTURAL TRADE JOURNAL**, published quarterly. One dollar (International Money Order) sent to us now will ensure your receiving each number as published for one year.

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The HORTICULTURAL PRINTING CO.

BURNLEY, ENGLAND

For Holiday Sales

Fill some medium and large sized PANS and POTS with Ferns; the Fern still retains its popularity as a Christmas gift.

You can get the BEST PANS and POTS in every size from

THE WHILLDIN POTTERY CO.

PHILADELPHIA JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.

ALL ORDERS SHIPPED WITHIN TWENTY-FOUR HOURS AFTER RECEIPT

For "Pot Luck" Try Us

HEWS STANDARD POTS

POT MAKERS FOR 140 YEARS

World's Largest Manufacturers

Write for Catalogue and Discounts

A. H. HEWS & CO., Inc.

Established 1765

CAMBRIDGE, MASS.

Pearson St., Long Island City, N. Y.

IONIA POTS ARE STRONG

Always burned to the same degree of hardness. Our kilns are equipped with heat-measuring pyrometers and other up-to-the-minute improvements. Every detail of manufacture, from the clay bank to the strong crates in which Ionia pots are carried to you, marks an advancement over old-time methods. Let us have your order now. We will ship when you are ready.

REMEMBER, that we solved the breakage problem years ago. **IONIA POTTERY CO., IONIA, MICH.**



All the Clay For Our Florists' Red Pots

Is prepared by passing through a screen 1600 meshes to the square inch. If in a hurry for pots order from us. We can ship over five lines of railroad, by river or interurban. Write for catalogue showing all the articles we make for florists' use.

THE PETERS & REED POTTERY CO., - Zanesville, Ohio

PENNSYLVANIA is the state to get the nice Red Standard Pots, Pans, Azalea Pots, etc., and **NORRISTOWN** is the town where they manufacture them and burn them a nice red color. **Try us** and see if they are not just as cheap, too.

THE KELLER POTTERY CO.

213-223 Pearl St., NORRISTOWN, PA.

RED

Standard Flower Pots

Price list and samples on application.

PADUCAH POTTERY CO., INC.

PADUCAH, KENTUCKY

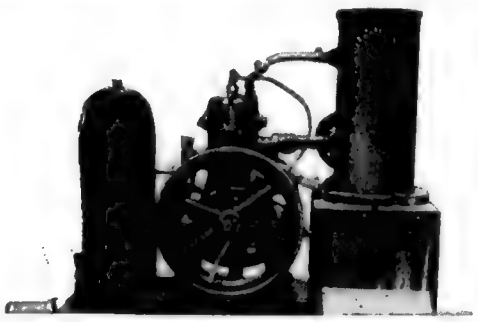
Standard Red Pots

Price list and samples on application.

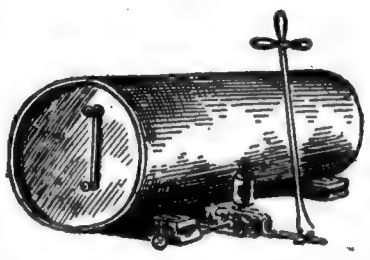
We carry a complete line of Florists' pots.

Weis & Schmidt Pottery Co.

MILWAUKEE, WIS.



2 h. p. water cooled Gasoline Engine, ever ready to do your work, $49 00, guaranteed.



100 Gallon Cypress Spraying Tank, $7.98. Buy it now.

Are You Going

to put in another year without an adequate water supply? Why waste time when you can save labor? That is a profit that some Florists lose sight of. Our Outfits used by leading Florists and Horticulturists everywhere.

THE BALTIMORE COOPERAGE CO.

35 S. Liberty St., Baltimore, Md.

Engineers and Manufacturers.



Your inquiry solicited.

This adv. will not appear again.

Mention The Review when you write.

STANDARD PUMPING ENGINES FOR ALL KINDS OF WATER SUPPLY SYSTEMS

THE STANDARD PUMP & ENGINE COMPANY, 14 Michigan Street, CLEVELAND, OHIO

Mention The Review when you write

COST OF WATER.

Could some of The Review readers who use city water tell me what it costs them for water by the year for each 10,000 feet of glass? I have about 10,000 feet of glass, 3,000 of which I added this season. For the last six months, when my place was 7,000 feet, they charged me $16.85 for water, which I feel is too much. Some of the city council are inclined to give me a special rate if other florists get their water for less. L. G. B.

Answering the inquiry regarding cost of city water, we pay on a yearly average $1.10 per month per 10,000 feet of glass. Hope you will hear from others on this subject. J. W. Dudley Sons.

I read the inquiry in the issue of November 30, under the head "Cost of Water." I have two houses, each 24½x125, in Salamanca, N. Y., and use city water, for which I pay $12 per year. This includes water for the boiler. On this rate there is a discount of about eight per cent, making the net cost about $11. My place comprises a little over 8,200 square feet of glass. I hope this will be of some use to the inquirer in arriving at a satisfactory rate. W. L. Farquharson.

Jacksonville, Fla.—The Tomlinson-Key Floral Co., the new firm whose organization was recently announced in The Review, is now a corporation, with a capital of $10,000. The officers are: T. W. Mitchell, president; W. W. Key, vice-president and treasurer, and H. H. Tomlinson, secretary. These officers also compose the board of directors. All are residents of Jacksonville. The company has opened a store at 40 East Forsyth street.

TO-BAK-INE KILLS BUGS

ASK

E. H. HUNT

131 N. Wabash Ave. CHICAGO

Mention The Review when you write.

Cattle Manure in Bags

Shredded or Pulverized



Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

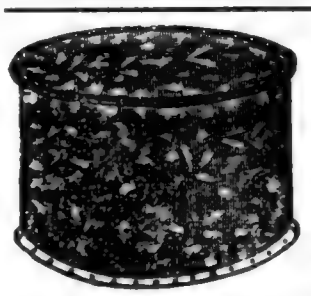
Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unequaled for all field use. Write for circulars and prices.

The Pulverized Manure Company

33 Union Stock Yards CHICAGO

Mention The Review when you write



CALDWELL TANKS

of Galvanized Steel are used everywhere. Sizes up to 1200 gallons can be shipped set up at small cost for freight. These tanks are strong, tight and durable. Cost less than wood tanks. Ask for illustrated catalogue and delivered prices.

W. E. Caldwell Co., Incorporated, Louisville, Ky

TANKS (Steel, Wood, Galvanized) TOWERS, Windmills, Pumps, Gas Engines.

Mention The Review when you write

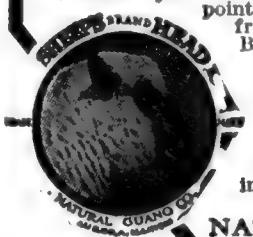
Quick Budding and Stiff Stems

Get into the market with better blooms—Sheep's Head Brand of Pulverized Sheep Manure will prove a money maker for you. Unsurpassed as an extra stimulant to plants, pots or beds. Will not cause black spot like stable manure. Free from weed seeds—always ready.

Carnations, roses, chrysanthemums and violets are particularly benefited. Send for booklet,

"Fertile Facts"

It shows you the dollars and cents view and points out the actual profits from using Sheep's Head Brand, and shows you how to prepare soils so that they will retain soluble plant foods near the surface of the ground within reach of the rootlets of growing vegetation. We will send you a copy of this interesting and instructive book free. Write to-day.



NATURAL GUANO CO.

Dept 28. Aurora, Ill.

Peerless Sulphur Blower

"A great improvement over the bellows."

Price, $4.00 F. O. B. Chicago

McMORRAN & CO. 162-166 N. Clinton St. CHICAGO, ILL.

A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

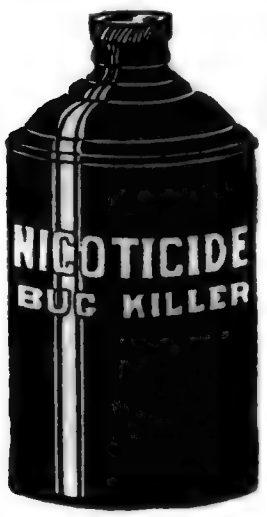
"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

NEW YORK BELTING AND PACKING CO. LTD

91-93 CHAMBERS ST. NEW YORK

PHILADELPHIA, PA. PITTSBURGH, PA.
CHICAGO, ILL. PORTLAND, ORE. BOSTON, MASS.
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INDIANAPOLIS, IND. SAN FRANCISCO, CAL.

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THE BEST

Bug Killer and Bloom Saver

Drop us a line and

We will prove it

P. R. PALETHORPE COMPANY

Dept. A,

Owensboro, Ky.

Mention The Review when you write.

Green Flies and Black ones too

are easy to kill with

The Fumigating Kind Tobacco Powder

$3.00 per bag 100 lbs.

Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?

THE H. A. STOOTHOFF CO., MOUNT VERNON, N. Y.

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DREER'S

Florist Specialties.
New Brand New Style.

Hose "RIVERTON"
Furnished in lengths up to 500 ft. without seam or joint.

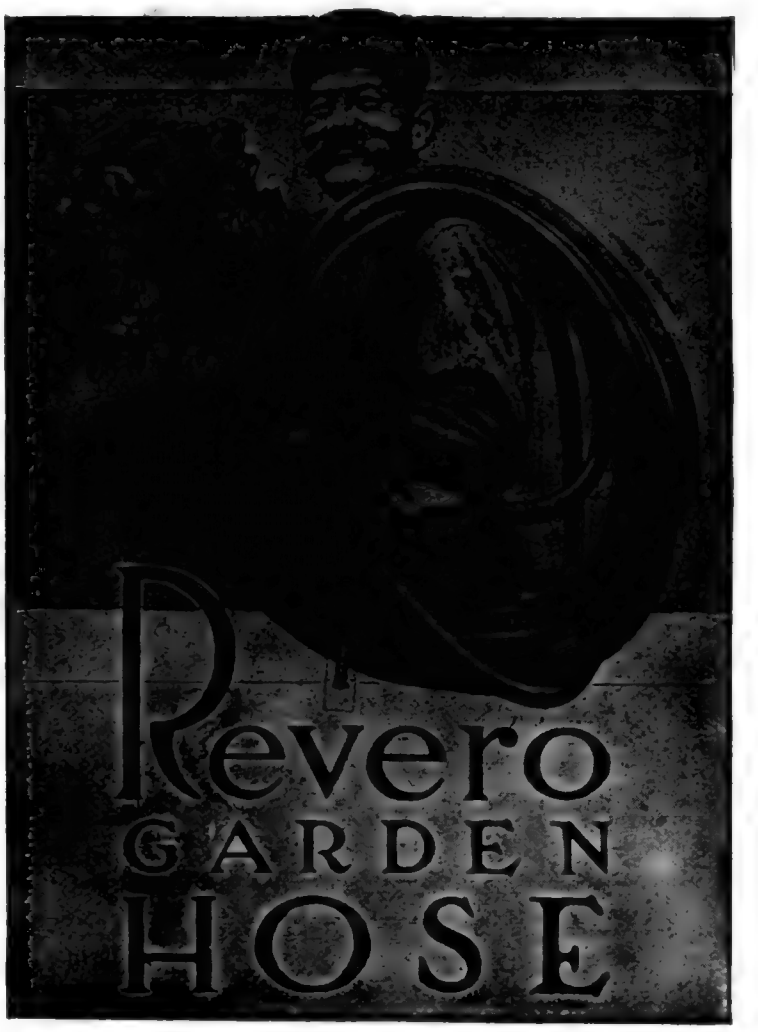
The HOSE for the FLORIST

¾-inch,	per ft.,	15 c.
Reel of 500 ft.,	"	14½c.
2 Reels, 1000 ft.,	"	14 c.
½-inch,	"	13 c.
Reels, 500 ft.,	"	12½c.

Couplings furnished.

HENRY A. DREER,
714 Chestnut St.,
PHILADELPHIA, PA.

Mention The Review when you write.



Light Strong Flexible

An indestructible moulded Hose for Lawn, Greenhouse, Stable, Garage. Of braided construction, cannot unwrap, kink or burst like old-style wrapped duck construction. Made in continuous lengths up to 500 feet, which gives you any length you want and avoids leaky couplings.

Manufactured by

Revere Rubber Co.

Works: Chelsea, Mass. Providence, R.I.

BRANCHES:

BOSTON, MASS.
New York, Philadelphia, Pittsburg, Chicago, Minneapolis, New Orleans San Francisco.

Mention The Review when you write.

NIKOTEEN APHIS PUNK

The most effective and economical material there is for Spraying Plants and Blooms. Skillfully extracted from leaf Tobacco and carefully refined, it is clean and easy to apply. Does the work when vaporized, either in pans, on pipes or over flame. Full pint bottles, $1.50.

Specially prepared for fumigating closed houses. It vaporizes the Nicotine evenly and without waste. Nothing keeps a house free from Aphis so cheaply. ALL SEEDSMEN.

Mention The Review when you write.

ROCHESTER.

The Market.

A falling off in trade has been noticed since the Thanksgiving rush. However, advance Christmas orders are coming in and the lull merely gives opportunity for getting the stores decorated and in order for the holiday trade. Exceptionally fine, mild weather, with a great deal of sun, has made the prices of flowers drop considerably this week. It affected nearly everything but Beauties, which still are up.

Chrysanthemums are poor, what there are of them, and apparently there will be none for Christmas as in former years. Timothy Eaton is the best mum on the market now. In carnations, Pink Delight is the best variety, with fine blooms and long, firm stems. Beacon comes next, and red is in great demand at this time of the year. Enchantress, Perfection, and Winsor are all fairly good. A few Lawsons are seen. Roses are all good. Radiance is coming in with new vigor and splendid color. Richmonds are becoming more plentiful. Hillingdon is quite popular but the supply is light. Killarney is pale. Last week a scarcity in roses was felt and naturally the price went up, but the latter part of the week the fair weather brought in a more abundant supply. Since the price of violets has been raised sales have fallen off almost one half. Valley is good, but there is little demand. Gardenias are good. Orchids have advanced in price and Cattleyas now bring $1.25 apiece. Cypripediums are not selling at all. Stevia and Roman hyacinths are moving well.

Poinsettias, holly, laurel, ground pine and winter berries are here, reminding us that the holidays are near. Wreathing is selling well. Smilax, galax of both colors and ferns are plentiful. Asparagus plumosus sprays that are grown in Florida are flooding the market at a reasonable figure.

Flowering plants are as much in demand as ever and Boston ferns and palms are also selling well.

Various Notes.

William F. Kasting, of Buffalo, was in the city on business last week.

R. E. Hall, of Reed & Keller, New York, called on local florists recently.

Geo. J. Keller is producing some stevia of exceptional quality.

A. N. Pierson, Inc., is shipping first-class Melody roses to this city.

John Sullivan has entered the employ of Geo. Keller.

[Continued on page 132.]

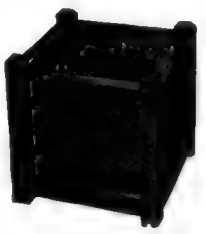
A. Dietsch Company
2640 Sheffield Ave., Chicago
Greenhouse Material
Hotbed Sash
For a tight, enduring and sweatless gutter at a moderate price, use our CEDAR GUTTER.

King Greenhouses
WHY?
They are truly economical, being strong, lasting and easy to maintain. They are scientifically designed to stand all the strains in a greenhouse.
PRIVATE CONSERVATORIES and COMMERCIAL GREENHOUSES each receive special treatment.
King Construction Co.
Home Office and Factory, NORTH TONAWANDA, N. Y.
Eastern Sales Office, No. 1 Madison Avenue, NEW YORK

SEE THAT LEDGE. Pat. Sept. 18, 1900
THE JENNINGS IMPROVED IRON GUTTER.
Use Our
Patent Iron Bench Fittings and Roof Supports
VENTILATING APPARATUS
Improved Vaporizing Pans for Tobacco Extracts, Etc.
Send for Circulars.
DILLER, CASKEY & KEEN, S. W. Cor. 6th and Berks Sts. **PHILADELPHIA, PA**
Mention The Review when you write.

"FRIEDMAN'S BEST" TOBACCO POWDER
For fumigating and sprinkling combined 3 cents per lb. in 100 lb. sacks, $50.00 per ton.
TOBACCO STEMS, 50 cents per 100 lbs.
TOBACCO DUST, for sprinkling, 1 cent per lb.
J. J. Friedman, 285-289 Metropolitan Ave. **Brooklyn, N. Y.**
Mention The Review when you write.

TRADE SKINNER SYSTEM OF IRRIGATION MARK
THE RAIN MACHINE
Write for six books on indoor and outdoor irrigation.
THE SKINNER IRRIGATION CO., Dept. H, Troy, Ohio


Wagner Plant Boxes are the best and cheapest in the market for Palms, Boxwood, Bay Trees, etc. They are attractive in design, strong and durable, suitable for either indoor or outdoor use. Made of cypress, which gives them a lasting quality. We manufacture various styles and sizes. Write for prices.
WAGNER PARK CONSERVATORIES
Sidney, Ohio

Cypress Bench Boards
Small orders cheerfully shipped from Philadelphia yard. Carload shipments direct from mill in the south.
Send us your inquiries.
Stokes Brothers Co., Inc.
30th St. below Chestnut, Philadelphia, Pa.
Mention The Review when you write.



Write for Catalogue.
Tree Tubs and Brass Hoop Jardinieres.
The extension stave foot prevents the bottom from rotting. No chance for water to collect.
The American Woodenware Mfg. Co.
Toledo, Ohio, U. S. A.

The REGAN PRINTING HOUSE
LARGE RUNS OF
Catalogues OUR SPECIALTY GET OUR FIGURE
531-537 Plymouth Place, CHICAGO
Mention The Review when you write.

SPECIFY
Advance Ventilating Apparatus

when placing your order for building materials this spring. Our apparatus always gives the best of satisfaction with the least exertion to the operator. Compare it carefully with other machines and judge for yourself.

Write for catalogue "J."

ADVANCE CO.
Richmond - Ind.



Mention The Review when you write

MASTICA
FOR Greenhouse Glazing
USE IT NOW.
F. O. PIERCE CO.
P. O. Box 294
NEW YORK



Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass as occurs with hard putty.
LASTS LONGER THAN PUTTY.
EASY TO APPLY.

Mention The Review when you write.

GET OUR PRICES ON
Galvanized Wire Rose Stakes and Tying Wire
Manufacturers of the Model Plant Supports for Carnations, Dahlias, Golden Glow, Peonies, Chrysanthemums and Tomatoes.
Lawn Fence, Flower Bed Guard, Trellis.
IGOE BROTHERS
63-71 Metropolitan Avenue. BROOKLYN, N. Y.
Mention The Review when you write.



Self-tying Rose Stakes
Adam Heim & Son Support and Rose Stake Co.
CONNERSVILLE, IND.
Write for prices.
Mention The Review when you write.

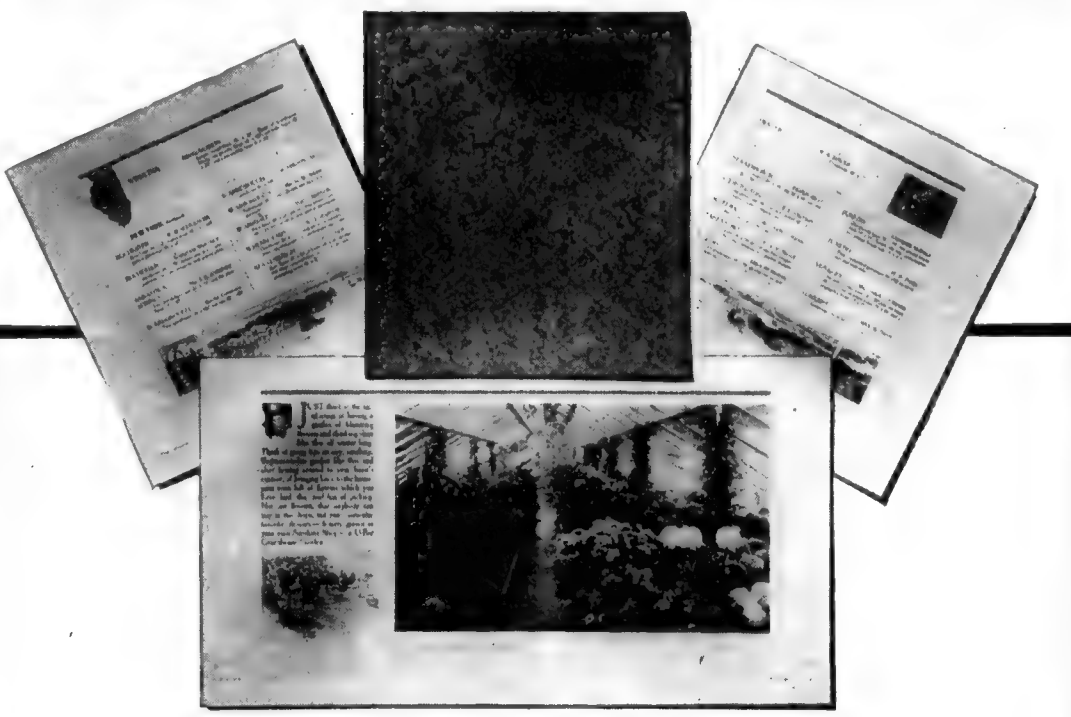


Evans' Improved Challenge Ventilating Apparatus
Write for illustrated catalogue.
Quaker City Machine Works
RICHMOND, IND.
Mention The Review when you write.



SIEBERT'S ZINC NEVER-RUST
GLAZING POINTS are Positively the Best. Last Forever. Over 50,000 pounds now in use. A sure preventive of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes, 5/8 and 7/8, 40c per lb.; by mail 10c extra; 7 lbs. for $2.50; 15 lbs. for $5.00, by express. For sale by the trade. Randolph & McClements, Successors to Chas. T. Siebert. Baum and Beatty Sts., Pittsburg, Pa.
Mention The Review when you write.

THE FLORISTS' HAIL ASSOCIATION
Has paid $192,000.00 for glass broken during the last 23 years. For particulars concerning Hail Insurance, address
John G. Esler, Sec'y. Saddle River N. J.
Mention The Review when you write.



The Importance of This Reason Book.

BEFORE talking about the Reason Booklet itself, let us first ask you a question or two:

When you buy anything of importance, involving the expenditure of several hundreds or thousands of dollars, do you rely entirely on your own individual information and go right out and buy it? Of course you don't.

In making your final decision, are you not strongly influenced by the opinion of some one who has already bought—and is satisfied? Doesn't the fact that this or that person, company or institution of prominence has put their stamp of approval on it, by putting their money into it, carry a good deal of weight with you?

This being so, then naturally enough you will buy a greenhouse much the same way.

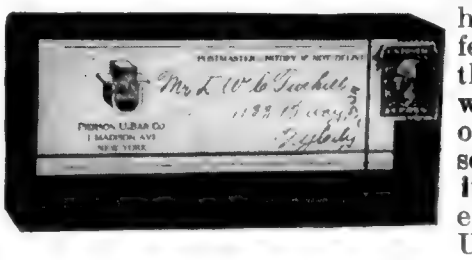
Suppose, for instance, you want to know thoroughly about the U-Bar Greenhouse, and have been wondering if there are any houses in your vicinity you could see; wouldn't a booklet giving you the names of all U-Bar owners and the character and extent of the greenhouses they own, be of interest and assistance to you?

Let us suppose, still further, that you want to confirm your decision to buy a U-Bar house by seeing who some of the others are who arrived at the same decision and built; wouldn't a booklet grouping such names in a readily get-at-able way be just the thing you want?

That's why we made just such a booklet.

It's called "Reasons."

The Reasons themselves are told in 93 words, right at the start—the rest is given over to a unique and interesting arrangement of the locations and owners of U-Bar houses built in the last few years. Send for this Booklet. With it we will mail you our catalogue and a section of the **U-Bar itself**—so you can see exactly what the U-Bar is.



The U-Bar itself is mailed to you in a green box like this.

U-BAR GREENHOUSES
PIERSON U-BAR CO
ONE MADISON AVE., NEW YORK
CANADIAN OFFICE, 10 PHILLIPS PLACE, MONTREAL

Mention The Review when you write.

NOTICE
To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the continent of Europe: Your best means of doing this is to take in the
Horticultural Advertiser
Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade.
A. & C. Pearson, Lowdham, Nottingham, Eng.

Always mention the Florists' Review when writing advertisers.



STANDARD VENTILATING MACHINERY
The original machine with self-oiling cups. The old reliable, the most powerful and least complicated of any on the market.
The Standard Return Steam Trap
It has no equal for simplicity or its working. Ask some one who is using a Standard for his opinion of it.
Write for catalogue.
E. HIPPARD CO., Youngstown, O.

Always mention the Florists' Review when writing advertisers.

WE ARE, AS EVER, LEADERS IN

Greenhouse Glass

We suggest that no orders be placed until you have received our interesting PRICES

SHARP, PARTRIDGE & CO.

2263-2269 Lumber Street, CHICAGO, ILL.

LONG DISTANCE PHONE, CANAL 880.

ROCHESTER NOTES.

[Continued from page 130.]

M. Adler, the novelty pin man, of New York, was in town last week.

J. M. Keller spent December 5 in Buffalo.

It has been reported that the Buffalo and Rochester florists' bowling teams were to have a match game in the near future.

December 11 was the date of the big smoker of the Rochester Florists' Association. Colin B. Ogston's lecture on chrysanthemums was a good one and all had a most enjoyable evening. Refreshments were served.

Frank Victor, formerly with Geo. Keller, is now located at the Osburne House, in another line.

Geo. Bennett's carnation crop is much improved.

D. R. Herron, of Olean, is cutting a fine crop of carnations and reports that business is booming.

The Rochester Floral Co. already is displaying Christmas novelties.

Colin B. Ogston, foreman for Mrs. W. S. Kimball, did an artistic job at Convention hall December 7 and 8.

The ladies of the Rochester Florists' Association have begun bowling practice at the Elm alleys.

Wm. Ronolder is erecting a new greenhouse in Olean, N. Y.

One of the Trautman brothers and Stanley E. Smith, of Geneva, visited Rochester December 9. E. C. A.

GOT TOO MANY ORDERS.

It is a frequent occurrence for advertisers in The Review to report that they received more orders than they could fill, like this:

Stock all sold and had to send back a lot of checks.—Van Aken Bros., Coldwater, Mich., December 7, 1911.

That's fine, but advertisers are urged to discontinue promptly as stock runs low. Cut out all items that are sold out. No dead offers in The Review.

Lawrence, Mass.—Wm. F. Regan, the Essex street florist, and Miss Mary Maynard were married on the afternoon of Thanksgiving day and departed in the evening for an extended honeymoon trip.

GREENHOUSE GLASS

We are the World's Largest Producers.

Ask the dealers for prices, or write us direct if the dealer doesn't handle our product. We guarantee uniform **Grading, Flattening, Annealing and Careful Packing.**

"Get acquainted" with our Specialties

29 oz. Crystal Sheet. 3-16 in. Polished Crystal Sheet.

AMERICAN WINDOW GLASS CO.

General Offices, Farmers' Bank Building, - PITTSBURG, PA.

Mention The Review when you write.

SUPERIOR QUALITY SINGLE AND DOUBLE PROMPT DELIVERY

Greenhouse Glass

Good, Heavy Double Strength Glass.
Prices are very low. Let us quote you.

BAUR WINDOW GLASS CO., Eaton, Ind.

Mention The Review when you write

NOW IS THE TIME TO BUY

GREENHOUSE GLASS

WRITE FOR PRICES

The Toledo Plate & Window Glass Co.

TOLEDO, OHIO

Always mention the Florists' Review when writing advertisers.

THE RETAIL FLORIST.....

A SEATTLE STORE OPENING.

It is quite the customary thing for the retail flower stores to splurge a bit just at the time that the fall trade is opening and the accompanying illustrations show what was done in this line by the Hollywood Gardens, of Seattle. T. B. Pritchard, who is manager of the store, called his opening a free flower show and advertised it widely, with the result that as high as 2,000 people visited it in one day, the last week in November. The pictures on page 15 show the lavish character of the decorations and the quality of the stock and, to those not familiar with the strides that have been made by the trade interests on the coast, will prove something of a revelation.

A MAN'S PRIDE.

It has been quite the regular thing for a man to maintain that his horse, his dog and his child were the most wonderful in the land. Some have even gone so far as to include their wives, and those who have acquired motor cars have added them to the list of the things in which they take unbounded and justifiable pride, so it is quite within the limits of modesty and good taste for George Waldbart to claim that the new automobile he will use for his Christmas deliveries this year is the finest in St. Louis. The machine is shown in the illustration on page 13, and evidently is up to date in every particular.

PROGRESSIVE PITTSBURGHERS.

Gustav & J. W. Ludwig started in the flower business in Allegheny Market, in the north side of Pittsburgh, formerly known as Allegheny, Pa. Beginning with one stand, they enlarged their space from time to time as the business grew, until they occupied five times the original space in the market. Now they use the entire four floors in the building shown in the illustration on page 12, at 502 Federal street, in the best shopping district of Pittsburgh. The new store, just completed, is provided with every modern convenience for the retailing of flowers and the increased facilities already show an effect in an increased volume of business. When the store was opened the key was thrown away—this flower emporium never closes, open day and night.

DESIGNS FROM NEBRASKA.

The illustration on this page is reproduced from a photograph made in the residence of a leading citizen of Fairbury, Neb., and shows the work made by the Fairbury Greenhouses for a recent funeral. F. R. Hoffman is the designer.

Holyoke, Mass.—Gallivan Bros. are erecting two more greenhouses, each 35x200 feet.

LOOKS GOOD TO US.

How much should a man take in from a given amount of glass? It is a question that comes in time after time, as though anybody knew. The income from a business of any kind, and particularly from a greenhouse, all depends on the man. Location counts, of course, but one man might make a fair living under conditions where another would starve to death. Tell us how big a hustler you are, rather than how much glass you have, if you want to know how big a success you can make in the business. All of which is brought to mind by the receipt of the following letter from a florist in a small town in New York:

"How is this," he says, "for a small greenhouse, 15x60?

"Sales first year	$450.50
"Sales second year	395.11
"Sales third year	475.03
"Sales fourth year	569.55

"The sales for the fourth year are really for only eleven months, for December is yet to be added to them, and the record for the second year is the same as for most other businesses in the town, as there was a bank failure that hit everybody. Is that a fair sale, or ought it to be more? Of course I have just started in and don't try to get as good prices as the city greenhouses do."

ASTERS TO FOLLOW TOMATOES.

We wish to follow our tomato crop with asters. The tomatoes will be out about the middle of June. Can we then plant the beds to asters and cut them in time to plant tomatoes again about the middle of August? At what time should the seed be sown, and what are the best commercial varieties in white and pink to grow under glass? H. F.

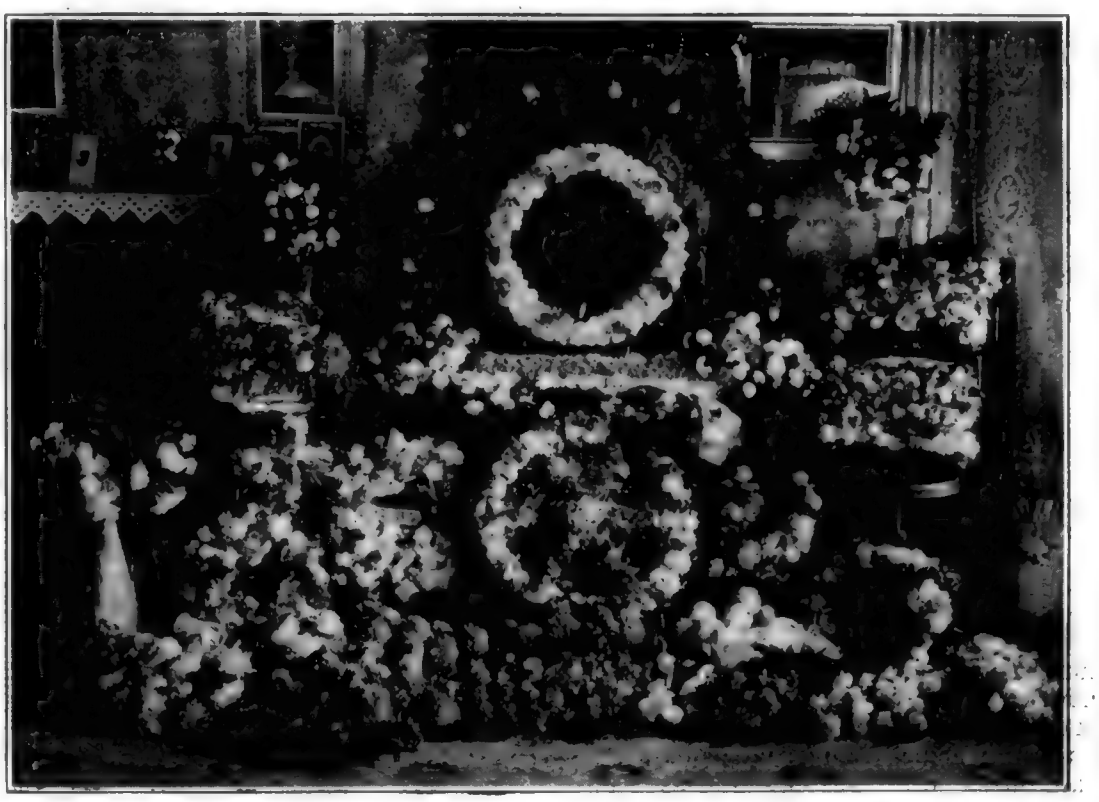
Two months is hardly sufficient time to allow the asters between your tomato crops. If you could arrange to plant them about a month earlier, they would do much better. It would be inadvisable to plant asters in small, narrow houses, but if your house is wide, with ample ventilation provided, you could get good asters in it. Do not give them the exhausted tomato soil to grow in. If you use the same soil, be sure to give it a liberal dressing of rotted cow or horse manure. I would advise planting one month earlier than suggested; or, if this is not possible, run them until the middle of September. You cannot grow and clean off the crop within two months. Good indoor varieties to grow are Vick's or American Branching in pink and white, and Semple's giant pink. You could also, if you wished, grow splendid flowers of the giant Ostrich Plume, pink and white. These usually bring fancy prices. C. W.

FORCING SPANISH IRIS.

Can Spanish iris, or the bulbous iris, be forced to bloom in the winter? If so, how? C. L. R.

The Spanish and other bulbous irises will stand a moderate amount of forcing. Presuming that they are well rooted in flats or pans and have made growths two or three inches in length, they can be moved from their present cool quarters to a greenhouse with a minimum temperature of 45 to 50 degrees; the latter figure should not be exceeded. Flowers of the Spanish iris can not really be had in the winter months, as few will be open before the middle of March. There are, however, one or two dwarf varieties, natives of Asia Minor, not much grown commercially, which can be flowered much earlier. March, April and May are the months when Spanish irises grown under glass are in season. C. W.

Pricetown, Pa.—Harry Dry has erected a large greenhouse on his truck farm near here.



Funeral Designs by the Fairbury Greenhouses, Fairbury, Neb.

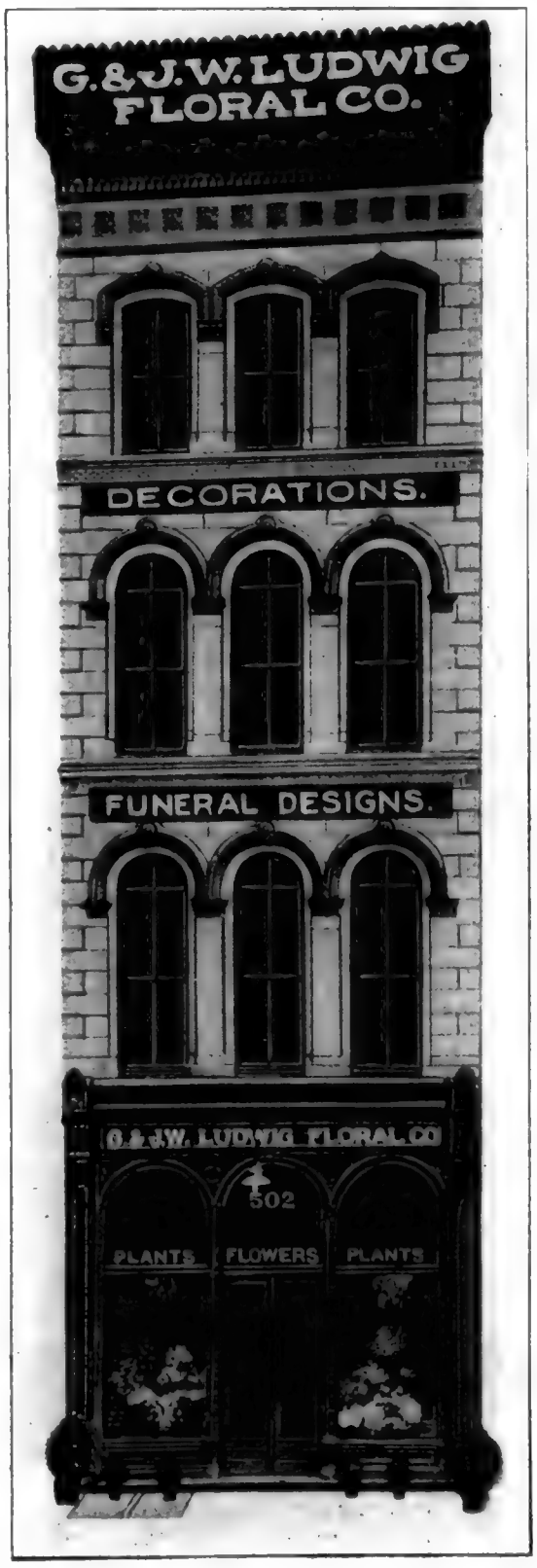
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No immense things were expected, but those who have worked for the association feel well repaid with the reception by the trade as well as by the amateurs, and anyone interested missed a good thing if he did not look over the bulbs shown at this meeting. Dahlias, gladioli, cannas, irises, oxalis, tiger lilies, montbretias, etc., were shown, all grown in the central west. Mammoth bulbs of Kunderdi Glory, four inches in diameter, were shown. Koerner's hybrids were three and a half inches in diameter. Bulbs of Childsii, florists' mixture, King and America, three to three and a half inches in diameter, were shown by the Central Seed and Bulb Co. Vaughan's Seed Store gave a good exhibit of King, Augusta and the new Chicago White gladiolus. The exhibit was a success from all sides, for the initial one of the association. Over seventy entries were made. Dahlia clumps fourteen inches across were shown. One of the remarkable features of the exhibits was the thick, solid and healthy appearance of all the gladiolus bulbs. Only one diseased bulb was found in the collection, and the western growers can congratulate themselves on placing on the tables the largest sized and the finest appearing gladiolus and dahlia bulbs ever placed on exhibition in this country. The association is so well pleased with the work that next December will see more than 500 entries of dahlia clumps, representing all varieties of any value, and specially showing those of good value from the standpoint of the commercial and amateur trade. It is designed that other outdoor flowers grown from a bulbous root will be included in the scope of the work. One aim is information to both trade and amateur. The growers are in earnest and propose to be in the front for western bulbs and business. E. S. Thompson, Sec'y.



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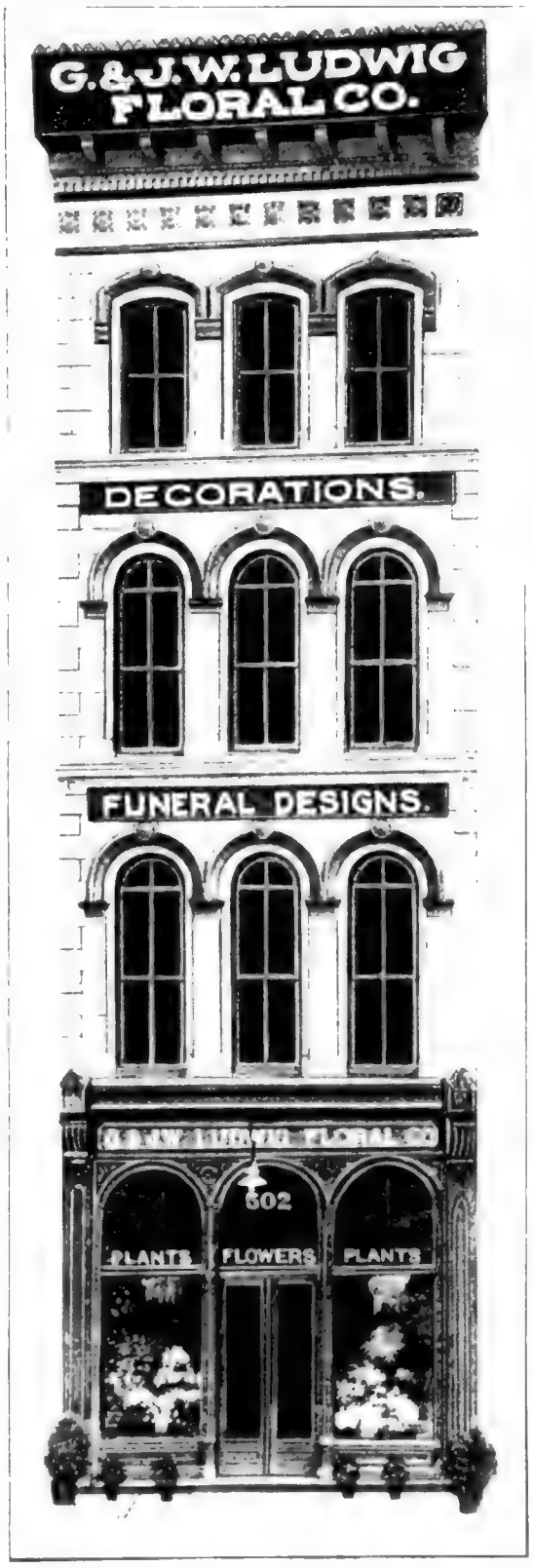
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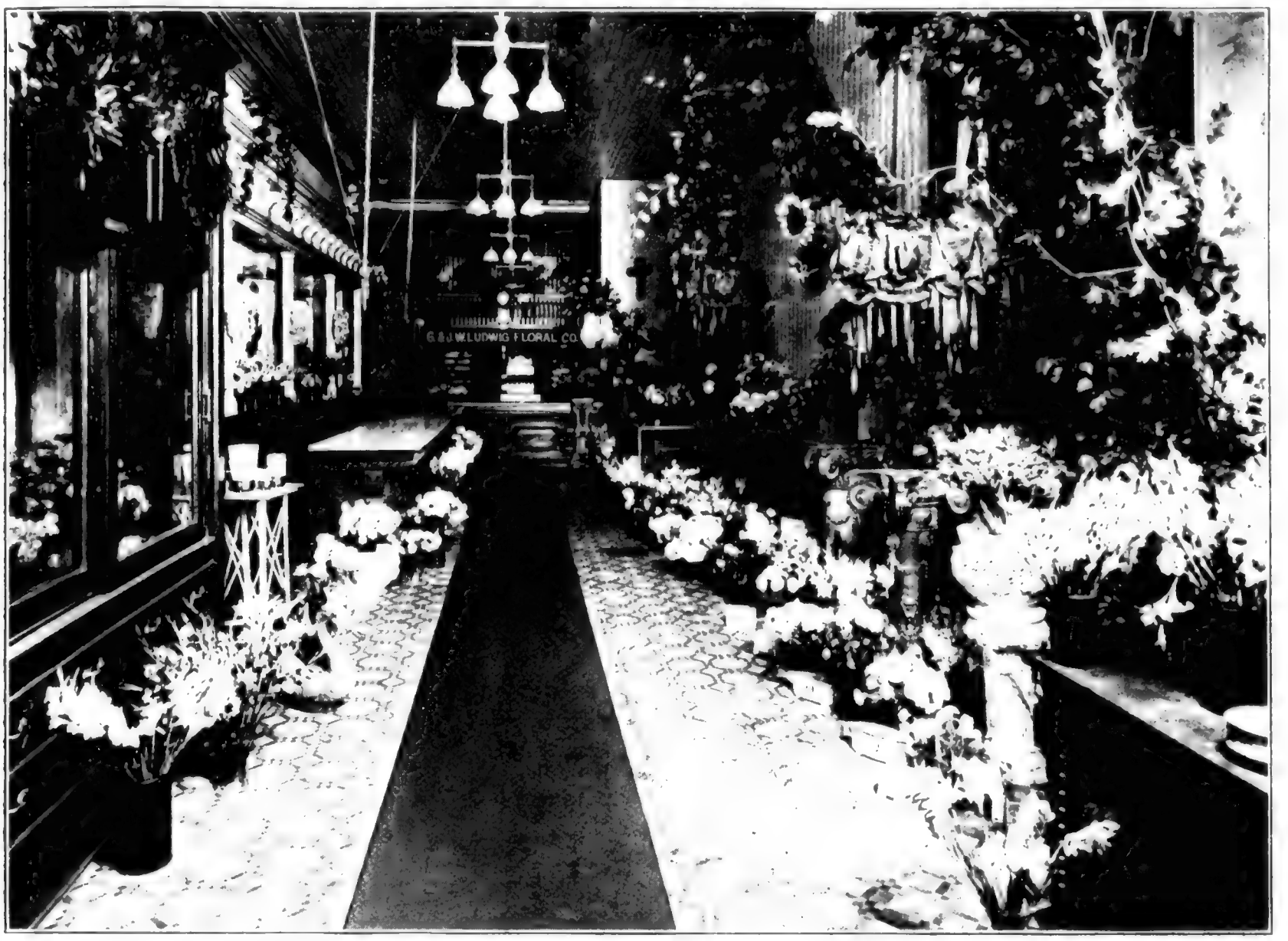
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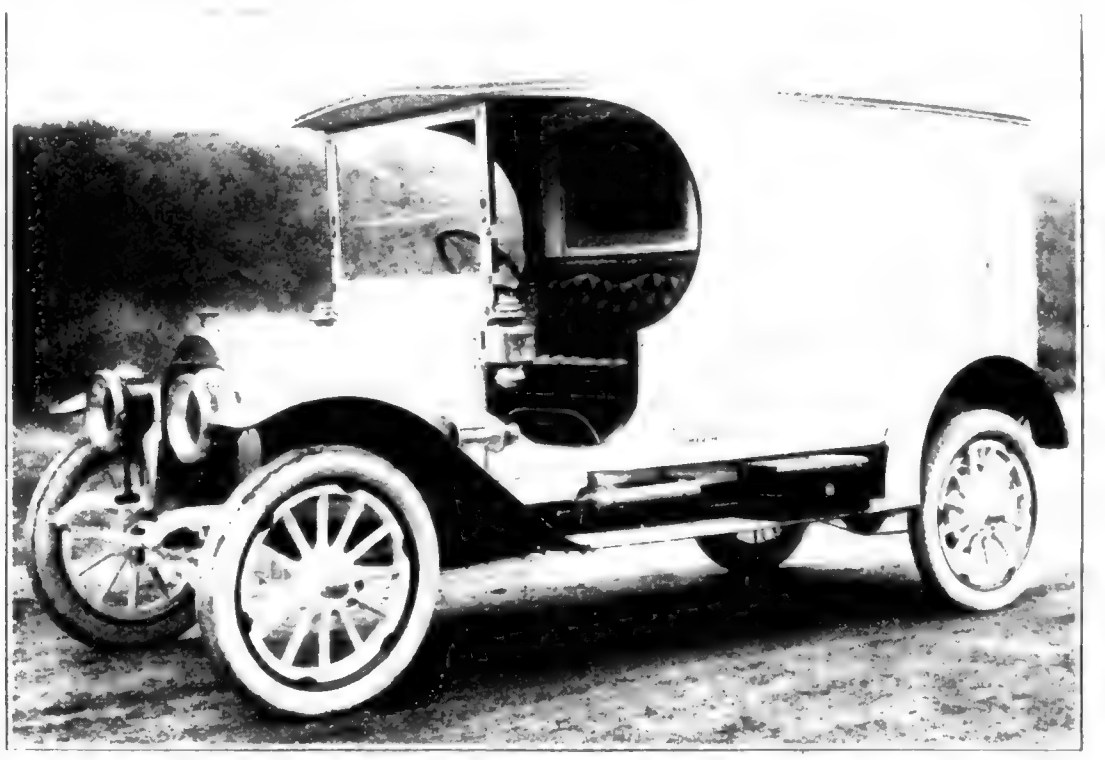
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suggest themselves to any experienced observer and I am confident the long wished for sweet-scented varieties will be perfected in the hands of Lemoine, Burbank or Van Fleet. Much has already been done; more will be accomplished by careful and patient workers in the development of the flower.

AMERICAN BULBS.

[A paper by E. S. Thompson, of Benton Harbor, Mich., read at the meeting of the Western Dahlia and Gladiolus Association, in Chicago, December 15, 1911.]

Perhaps this subject may not appeal to many of you as being of special importance, but to me it is of wide significance. Always, as far as our history is concerned, we have looked to Europe for our bulbs. There were a few, of course, in the homes of the people, but as for growing them on a scale commensurate with the demand, it was hardly thought of till close to the date of the original world's fair at Chicago, 1893. Since that date, however, business has grown by leaps and bounds, till today we are largely supplying our own country and also exporting by the million. In tuberose bulbs we beat the world. From the south Atlantic coast and from Long Island, thanks to the enterprise of John Lewis Childs, millions of gladiolus bulbs are exported to Europe and other countries.

The greatest difficulty seems to be to grow what is known as the Dutch bulbs and lilies. However, we are finding that the Pacific northwest, in the vicinity of Puget Sound, is well adapted to the growing of this class of bulbs, as also is the Richmond district, on the Atlantic coast. The United States has climatic advantages excelled by none, and it needs only the careful push of Yankee ingenuity to develop other lines fully as much. Tiger lilies can be grown on the east Lake Michigan coast as cheaply and as well as in Holland. Of course we have to contend with the cheap labor of other countries, but we have an offset in the saving of freights and the decreased loss in carriage, which often leaves a good margin of profit of itself.

Results from United Effort.

One of the greatest difficulties we have to encounter is the slogan dear to the heart of many, "Importer," as though something imported was vastly superior to anything grown in the usual, everyday way, at home. One of the obstacles to progress in any line of work is the desire of some to be exclusively superior to their fellow mortals, and it applies to the bulb business as well as to a host of other lines. But "Results," from the standpoint of The Review, come to both by joint effort, and when men who specialize in any one line join together and work for mutual advancement, all are benefited.

Of late years our leading seedsmen have been sending all over the world for new and rare things. Childs has done this to a large extent, and we are greatly indebted to him for the marvelous advance in the gladiolus. Farquhar, of Boston, has been doing valuable work with lilies. With the aid of Burbank and Groff, as well as our own Kunderd and Koerner, progress is pushed on apace with the glorious gladiolus. What we need now is coöperation among growers and a disposition to play fair with results, and by this means gain for ourselves the advantages that should accrue to the hybridizer and grower.

The Bright Outlook in America.

Our country can produce almost anything in the bulb line the world produces and we are truly only on the brink of the great stream of success, not only with the gladiolus and dahlia, but with numerous others of the world's favorites in flowers produced from a bulbous or rhizome root. California and the Pacific coast, the fruit belt of Michigan, Long Island and the south Atlantic coast, are producing today vast quantities of bulbs that know no superior, and other parts of our country are coming to the front in an equally meritorious manner.

Brothers, let us go at this matter with a determination to get the best out of it and nothing will stop the progress. Our slogan should be "Grow our own stuff," and we can if we will. I believe our catalogue men would gladly patronize home growers, did we but produce as well and as reasonably. A Long Island grower, now in France, wrote a letter deploring the shortage of seeds in European markets this season and saying that "America must grow her own seeds." How about our own bulbs? They are of equal importance and deserve equal attention. The field is broad and valuable, and by no means occupied. Let us, during the coming year, try out more of the varieties sold by seedsmen in this country and come up here another season with a show of bulbs that will fairly take the trade off their feet, for value.



Exhibits of A. E. Kunderd and H. W. Koerner at Chicago Bulb Show.

Seasonable Suggestions

Gardenias.

To successfully flower gardenias in midwinter requires considerable skill. The idea that plenty of heat and moisture are the two essentials to success is entirely wrong. Proper soil, which passes the water readily through it, is one necessity. If the least pasty it is sure to become more or less sour and this will mean a heavy dropping of buds. Water must be carefully given during the short days, always allowing the benches to dry out well between waterings. A night temperature of 65 degrees to 68 degrees should be maintained and the plants should be sprayed well twice or three times a week to keep bugs and scale in check. Do not keep the house too stuffy and moist. Raise the ventilators a little at a time and close in the same way. Those having some bottom heat for the plants are least likely to have the yellows and drop the buds, as the roots of gardenias like to be warm. In pots the roots are under better control than when in benches and bud dropping is less likely to occur. Avoid heavy syringing. Always use a spray nozzle and see that the foliage dries out before night.

Show Pelargoniums.

This is the season of rapid growth with the show pelargoniums or Lady Washington geraniums, as they are still commonly called by many. Unless the



Exhibit of Central Seed and Bulb Co. at Chicago Bulb Show.



Store of Hollywood Gardens, Seattle, During Autumn Opening.

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Hydrangeas.

The wood on hydrangeas which were pot-grown through the summer, or were lifted and potted in early fall, should now be of a nut-brown color, hard and well ripened. If an early batch of plants is desired, some can be placed in heat at once. A temperature of 50 degrees at night will suffice. Keep a little on the dry side at the root, but spray freely until the young shoots push out; then give more water at the roots. It is inadvisable to give heat in the early stages of growth, but with shoots well advanced the temperature can be raised 10 degrees, and when the flower heads peep they can be forced quite hard. It is better, however, to open them in a somewhat lower temperature. Do not overlook the everblooming hydrangea, H. arborescens grandiflora. This is splendid for pot culture, as well as one of our finest hardy flowering shrubs.

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Those showy spring flowering greenhouse annuals, the calceolarias, succeed splendidly in a cool, damp house, one which sends a clammy feeling through anyone when entering it. They thrive in a low temperature, and 40 degrees at night is better for them than 50 degrees. The cooler they are grown, clear of actual freezing, the better they will be, and, at the same time, the freer from green aphis, which has a special fondness for them. In potting use a compost of fibrous loam, cow manure and sand, adding some soot and powdered charcoal to it. This latter keeps the foliage a beautiful dark color. Pinch the tops out of the plants to make them branch, unless you want an early lot of plants in small pots. The C. rugosa, or shrubby calceolarias, which are such favorites for bedding in Europe, are not sufficiently grown in pots. They are splendid either in pots or for cutting at Memorial day. Keep these potted on and well pinched for some time yet.

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Smilax.

Probably a good deal of the smilax has been cut for the holiday trade. Before running up new strings for the next crop, scratch and clean over the surface soil and give a top-dressing of fine bone or rotted cow manure. Allow the plants to start well into growth, however, before giving them a soaking with water. Herein lies a common source of failure in smilax culture. Excessive waterings at the start, with an idea of starting the plants at once into active growth, will sometimes rot the plants. Nearly all plants enjoy a short rest, with drier conditions at the root, for a short time before making their next growth. We are, of course, referring to indoor plants, and an entire ignoring of this is too often the cause of injury to some, and may be death to others. Smilax, to do well, should have a night temperature of 60 degrees. It can be grown much cooler, but the strings grown in the higher temperature are better and keep just as well as those grown cool.



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suggest themselves to any experienced observer and I am confident the long wished for sweet scented varieties will be perfected in the hands of Lemoine, Burbank or Van Fleet. Much has already been done; more will be accomplished by careful and patient workers in the development of the flower.

AMERICAN BULBS.

[A paper by E. S. Thompson, of Benton Harbor, Mich., read at the meeting of the Western Dahlia and Gladiolus Association, in Chicago, December 15, 1911.]

Perhaps this subject may not appeal to many of you as being of special importance, but to me it is of wide significance. Always, as far as our history is concerned, we have looked to Europe for our bulbs. There were a few, of course, in the homes of the people, but as for growing them on a scale commensurate with the demand, it was hardly thought of till close to the date of the original world's fair at Chicago, 1893. Since that date, however, business has grown by leaps and bounds, till today we are largely supplying our own country and also exporting by the million. In tuberose bulbs we beat the world. From the south Atlantic coast and from Long Island, thanks to the enterprise of John Lewis Childs, millions of gladiolus bulbs are exported to Europe and other countries.

The greatest difficulty seems to be to grow what is known as the Dutch bulbs and lilies. However, we are finding that the Pacific northwest, in the vicinity of Puget Sound, is well adapted to the growing of this class of bulbs, as also is the Richmond district, on the Atlantic coast. The United States has climatic advantages excelled by none, and it needs only the careful push of Yankee ingenuity to develop other lines fully as much. Tiger lilies can be grown on the east Lake Michigan coast as cheaply and as well as in Holland. Of course we have to contend with the cheap labor of other countries, but we have an offset in the saving of freights and the decreased loss in carriage, which often leaves a good margin of profit of itself.

Results from United Effort.

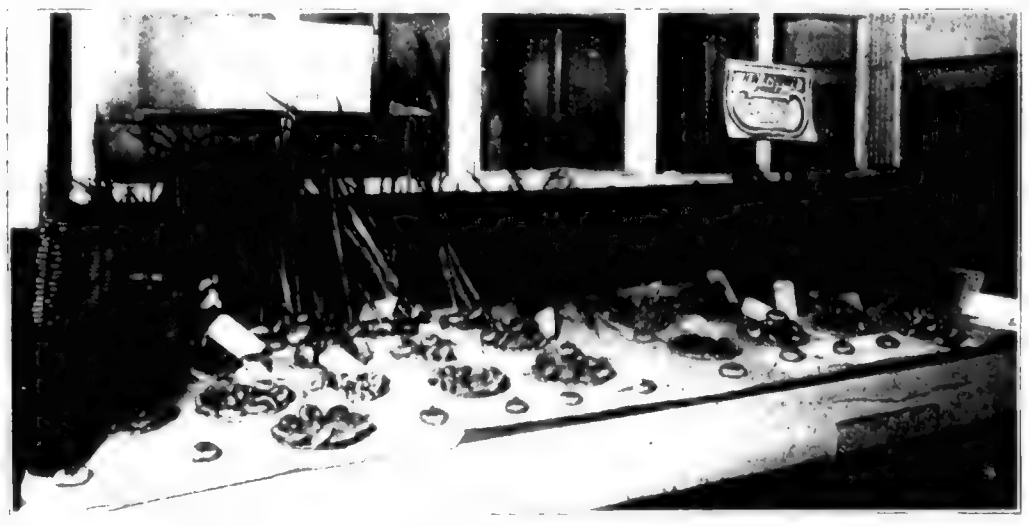
One of the greatest difficulties we have to encounter is the slogan dear to the heart of many, "Importer," as though something imported was vastly superior to anything grown in the usual, everyday way, at home. One of the obstacles to progress in any line of work is the desire of some to be exclusively superior to their fellow mortals, and it applies to the bulb business as well as to a host of other lines. But "Results," from the standpoint of The Review, come to both by joint effort, and when men who specialize in any one line join together and work for mutual advancement, all are benefited.

Of late years our leading seedsmen have been sending all over the world for new and rare things. Childs has done this to a large extent, and we are greatly indebted to him for the marvelous advance in the gladiolus. Farquhar, of Boston, has been doing valuable work with lilies. With the aid of Burbank and Groff, as well as our own Kunderd and Koerner, progress is pushed on apace with the glorious gladiolus. What we need now is coöperation among growers and a disposition to play fair with results, and by this means gain for ourselves the advantages that should accrue to the hybridizer and grower.

The Bright Outlook in America.

Our country can produce almost anything in the bulb line the world produces and we are truly only on the brink of the great stream of success, not only with the gladiolus and dahlia, but with numerous others of the world's favorites in flowers produced from a bulbous or rhizome root. California and the Pacific coast, the fruit belt of Michigan, Long Island and the south Atlantic coast, are producing today vast quantities of bulbs that know no superior, and other parts of our country are coming to the front in an equally meritorious manner.

Brothers, let us go at this matter with a determination to get the best out of it and nothing will stop the progress. Our slogan should be "Grow our own stuff," and we can if we will. I believe our catalogue men would gladly patronize home growers, did we but produce as well and as reasonably. A Long Island grower, now in France, wrote a letter deploring the shortage of seeds in European markets this season and saying that "America must grow her own seeds." How about our own bulbs? They are of equal importance and deserve equal attention. The field is broad and valuable, and by no means occupied. Let us, during the coming year, try out more of the varieties sold by seedsmen in this country and come up here another season with a show of bulbs that will fairly take the trade off their feet, for value.



Exhibits of A. E. Kunderd and H. W. Koerner at Chicago Bulb Show.



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Seasonable Suggestions

Gardenias.

To successfully flower gardenias in midwinter requires considerable skill. The idea that plenty of heat and moisture are the two essentials to success is entirely wrong. Proper soil, which passes the water readily through it, is one necessity. If the least pasty it is sure to become more or less sour and this will mean a heavy dropping of buds. Water must be carefully given during the short days, always allowing the benches to dry out well between waterings. A night temperature of 65 degrees to 68 degrees should be maintained and the plants should be sprayed well twice or three times a week to keep bugs and scale in check. Do not keep the house too stuffy and moist. Raise the ventilators a little at a time and close in the same way. Those having some bottom heat for the plants are least likely to have the yellows and drop the buds, as the roots of gardenias like to be warm. In pots the roots are under better control than when in benches and bud dropping is less likely to occur. Avoid heavy syringing. Always use a spray nozzle and see that the foliage dries out before night.

Show Pelargoniums.

This is the season of rapid growth with the show pelargoniums or Lady Washington geraniums, as they are still commonly called by many. Unless the



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CARNATIONS

STEM-ROT OF CARNATIONS.

In The Review of December 7, page 25, I read what E. S. has written regarding stem-rot of carnations. We have been troubled somewhat with the same disease.

Our soil is a heavy, clay loam, and, no matter how careful we are, during the month of September or just before the cold days arrive the stem-rot makes its appearance. Sometimes our plants have rotted just above the ground and sometimes directly beneath the surface, but so far we have never noticed the root in any way affected. The affected part dries up and no water reaches the stem or branches above it; consequently it goes quickly.

Contrary to the experience of a good many large growers, lime will prevent, almost entirely, the progress of the disease with us. Of course, any plant that has started downhill before the application of lime, eventually dies.

We have tried a section of bench this year with a light, sandy soil. In this part we have had no rot, but of course we shall not get the stem or the size of flower that the heavier soil produces. Next year we intend to try a combination of the two soils, and hope to eradicate the disease entirely. Our loss this year was 200 plants out of 15,000 planted, not a large loss, but yet large enough to warrant an investigation.

Occasionally, after feeding with liquid cow manure, we have seen one or two plants go off, but in such cases none have rotted beneath the soil, always above, and the roots were normal. Indeed, only yesterday I pulled out a plant of Beacon, and, though the top was dead, starting up from the stem beneath the area of rot was a small, new growth.

If any reader uses the same kind of soil for carnations, we should like to hear something about his experience with this troublesome disease.

J. E. Weir, Jr.

THE TROUBLE IS STEM-ROT.

You will find enclosed a sample of my carnation plants. Please let me know, as soon as possible, what is the matter with the roots. I have a bench of about 150 light pink Enchantress and they have done finely until now. This is the first plant that has shown any disease, and I am sending it to you so as to learn what the disease is and what to do to save the others from it. P. J. K.

The specimen forwarded was undoubtedly attacked by the common carnation stem-rot. If this is the only plant you have lost, you need not be alarmed. It may be the last one. Sprinkle a little air-slaked lime around where this plant stood; or, better still, take out about a quart of the soil and then sprinkle on the lime. If you have brought your carnations along this far without any more stem-rot, you will not likely have much trouble from that source during the rest of the season, providing you are reasonably careful with your watering, etc.

A. F. J. B.

CARNATIONS IN ENGLAND.

Annual Winter Show.

The annual winter show of the Perpetual Flowering Carnation Society was held in London, December 5 and 6. Trade competitors were not quite so numerous as on some former occasions, but amateurs came out in stronger force and the show was a most successful one.

For group of cut blooms, arranged in a space 3x10 feet, the gold medal and premier award went to W. E. Wallace, Dunstable, who put up bold vases of finely developed blooms. Next in order of merit came Allwood Bros., Haywards Heath, winning a silver gilt medal, the silver medal and third prize going to Young & Co., Cheltenham.

The American challenge cup for three vases of recent American introductions was awarded to W. E. Wallace, for Gloriosa, Scarlet Glow and May Day. Bertie Bell, Guernsey, came next with Gloriosa, May Day and Mrs. C. W. Ward, followed by W. Wells & Co., Merstham, with Bonfire, White House and Princess Charming.

The Brunton challenge cup for three British novelties was awarded to Bertie Bell, for Coronation, Constance and Judith.

The Covent Garden cup for two boxes of blooms, packed for market, and two vases, was carried off by W. E. Wallace, and he also annexed a silver gilt medal for a vase of Enchantress, the best vase in the show.

For a vase of any variety not in commerce—first, W. E. Wallace, with Una; second, Bertie Bell, with Coronation; third, W. Wells & Co., with Merstham Beauty.

In the color classes the principal honors went to W. E. Wallace, Bertie Bell, W. H. Page, A. F. Dutton, H. Burnett, G. Lange and Mrs. D. M. Collins. A large gold medal was awarded to C. Engelmann, Saffron Walden, for a decorative display which filled a 50-foot run of tabling. Another large, meritorious display, from Stuart Low & Co., Bush Hill Park, gained a gold medal. G. Lange, Hampton, received a silver gilt medal for a smaller collection, and Newport Carnation Nursery a silver medal.

Novelties.

The floral committee had seven or eight new varieties to discuss, and gave honors to four. A first-class certificate was awarded to Triumph, from C. Engelmann. The flowers are the brightest possible crimson, with nothing in existing varieties to equal it in color; flowers, three to three and one-half inches, of fine form and splendid calyx. The habit of the plant is vigorous and it produces flowers in large quantities.

An award of merit was bestowed on Geisha, from George Fairbairn & Sons, Carlisle. This was one of the most distinct novelties in the show. The flowers are mauve, with a dash of crimson at the base of each petal; full substance; petals serrated; grand calyx and good constitution.

Awards of merit also went to Coronation, from Bertie Bell, Guernsey; a fine, full flower, a bright shade of pink, and to Una, from W. E. Wallace, a pleasing, deep shade of rose, of good substance and habit.

Two American varieties were honored—a first-class certificate to White Wonder and an award of merit to Gloriosa.

Dinner and General Meeting.

On the evening of December 5 the members dined together in Anderton's hotel, with J. S. Brunton, chairman of the committee, presiding. The usual toast list was duly honored, that of the Perpetual Flowering Carnation Society being proposed in a happy vein by M. Todd, of Edinburgh. C. Engelmann, in a speech, referred to W. E. Wallace as the champion carnation grower of the world. Americans must look to their laurels. Mr. Wallace's flowers on this occasion were simply marvelous and he practically swept the boards in the lead-



Gloriosa. Scarlet Gem. May Day.

Vases with which W. E. Wallace Won the American Challenge Cup.



Coronation. Judith. Constance.

Vases with which Bertie Bell Won the Cup for British Novelties.

ing classes. Messrs. Jacob, Hawes, Page and others added to the harmony of the proceedings with appropriate speeches.

The reports of the secretary and treasurer were voted satisfactory. The total membership was reported as 301 and there is a balance of $140 in the bank.

J. S. Brunton was reëlected chairman; W. E. Wallace succeeds S. Mortimer as vice-chairman; E. F. Hawes succeeds H. Mathias as secretary, and L. J. Cook was reëlected treasurer. The secretary's address is: E. F. Hawes, Ulysses, Fortune Green, London, N. W.

It was proposed to hold a carnation conference in London on the occasion of the Royal International Horticultural Exhibition, in May, 1912. Bee.

MULCH FOR CARNATIONS.

To mulch carnations in January would pulverized cattle manure be as good as a rich garden soil? The article I have in mind is that furnished by the Pulverized Manure Co., Chicago, which has the following analysis: Nitrogen, 1.8 per cent; ammonia, equals 2.1 per cent; phosphoric acid, available, 1.0 per cent; potash, 1.0 per cent. How much should be used? I have used wood ashes once on my benches. Do you advise using them again? A. E. B.

The pulverized cattle manure will make a splendid feeding material for your carnations, but you should use it merely as a dressing, rather than as a mulch. Remember that this manure has all the moisture extracted from it and the same bulk would contain a great deal more plant food than in the green state. The same is also true of the shredded grade.

Of the pulverized grade I would advise you to spread on the soil about a good handful to each row halfway across a 5-foot bench. Apply it about every two or three weeks, according to what feeding your plants seem to need. Of the shredded grade put on three times that quantity and apply it once each month. Alternate about each third or fourth feeding with pulverized sheep manure, using the same quantity as recommended for the pulverized cattle manure. Let the sheep manure be applied about once in two months and, if possible, during a bright spell of weather.

Just one word of caution in regard to your feeding. If your plants need it, well and good. But be sure they do need it, and keep your weather eye out for the first sign of softness and then immediately put on the soft pedal, or if conditions warrant, discontinue altogether for a time. Weather conditions play an important part in the feeding of any kind of crops, but this is especially true of carnations. A. F. J. B.

GLADIOLI IN BENCHES.

Will you please inform me how close gladiolus bulbs should be planted to get the best results on the benches and be most profitable? J. A. T.

The small-flowered gladioli, such as Colvillei The Bride, Blushing Bride, Peach Blossom, etc., will do planted three inches apart each way. It is now, however, getting late to plant them, and furthermore, they are more profitably grown in flats. The large-bulbed gladioli, such as America, Mrs. F. King, Augusta, Brenchleyensis, May, etc., require rather more space, but do well planted in rows ten to twelve inches apart, with the bulbs three and four inches apart in the rows. They can also be planted between other growing crops and are useful for filling up blanks caused by carnations or any other plants dying out. A temperature of 48 to 50 degrees at night is suitable. C. W.

FARFUGIUM FROM SEED.

I should like to grow farfugium from seed. Will you kindly tell me how? E. C. W.

I have had no experience in raising Farfugium grande from seed. It is so easily and abundantly propagated by division that this latter method is in almost general use. Fresh seed should germinate readily if sown in pans of light compost, two-thirds leaf-mold, one-third loam and a good addition of sand, placed in a warm, moist house and kept shaded until the seedlings germinate. Care must be taken not to allow the soil to become dry. A night temperature of 60 to 65 degrees would be suitable. C. W.



Enchantress as W. E. Wallace Grows it in England.



A NEW BEAUTY GROWER.

The average grower can make more money from some other crop than he can make from American Beauty roses, so that special interest attaches to every new man who turns up with a special facility for handling this greatest of all roses. Peter Morgen appears to be such a man; at least he has been so successful with the Beauty in his years as an employee that when he started in business for himself last spring he chose to specialize on the one variety and now has done so well that it is planned to put up four additional houses next season and plant them all to Beauties.

Mr. Morgen is a graduate of the school of rose growing conducted by Wietor Bros., Chicago. He went to them as a green hand and spent six years in their employ, taking a year for a trip to California after he had four years of training and returning for a postgraduate course of two years. Then he spent eight months with the South Park Floral Co., New Castle, and in the spring of 1911 went to Huntingburg, in southern Indiana, where he went into partnership with a Mr. Seubold and put up two houses, each 24x300. These were up and ready for planting May 24. The illustration is reproduced from a photograph made Thanksgiving day. The success thus far made is such that plans are being made for the addition of four more houses, each 24x300, to be put up early in the spring of 1912 and planted entirely to Beauties.

Mr. Morgen is particularly proud of the heating system in his two houses. He put it in himself and does not claim it can not be beaten, but says, "You got to show me." He uses steam with the Morehead double trap system, one condensation trap and one trap above the boiler. The addition next spring will call for another boiler.

SPOTS ON ROSE FOLIAGE.

Enclosed you will find some rose leaves affected with small, round, black spots. I mulched my roses with fresh cow manure two weeks ago, and since that the trouble started. All my manure was covered two inches with loam. I do not know if it is a scale, as all the woodwork, the glass and even such other plants as poinsettias and lilies are covered with hundreds of those little spots, not as large as a pinhead. Under my microscope it appears formed like a scale, yellow brown underneath, but when scraped off with the fingernail, it leaves no typical light spot, as will other scale. I also notice many little flies among the plants, the same as in cow manure. I sprayed with whale oil soap and with nicotine, but without result. Would cayenne pepper hurt the plants, as gardenias, Harrisii lilies and poinsettias? I would be thankful if I could get special advice, as it is rapidly increasing. H. R.

These are not scale or insects, but are not uncommon when fresh cow manure has been used as a mulch. The insects which come with or breed in the manure are the cause of the spots, and their excrements will be found, as you state, on every class of plants, as well as on the woodwork. While fumigation will destroy such as are on the wing, others are daily coming into life and will continue the spotting while the freshness of the manure lasts. The pests will soon run out, or they probably have by this time. Be careful in the future not to use the manure too fresh, as in addition to causing these specks on the foliage from insects, the strong ammonia is liable to cause burning of the foliage. It would be unwise to use any strong fumigant, as poinsettias will not stand it, although gardenias and lilies would. You can kill all insect life in your soil or manure by using carbon bisulphide. Have holes twelve to eighteen inches apart each way; put a small teaspoonful of carbon in each hole, covering the holes at once. The carbon will not hurt the plants. Do not use any naked light while using it, owing to its explosive nature. Of course the carbon will not destroy any unhatched insect eggs. C. W.

AMERICAN ROSE SOCIETY.

The members of the American Rose Society seem to be alive to the approaching exhibition and annual meeting, to be held this year in January. It is a little earlier and a little different from heretofore. From information now in hand, it would seem that there is going to be a fine spread. Robert Pyle, of West Grove, will give some evening an illustrated talk concerning his visit to England last June.

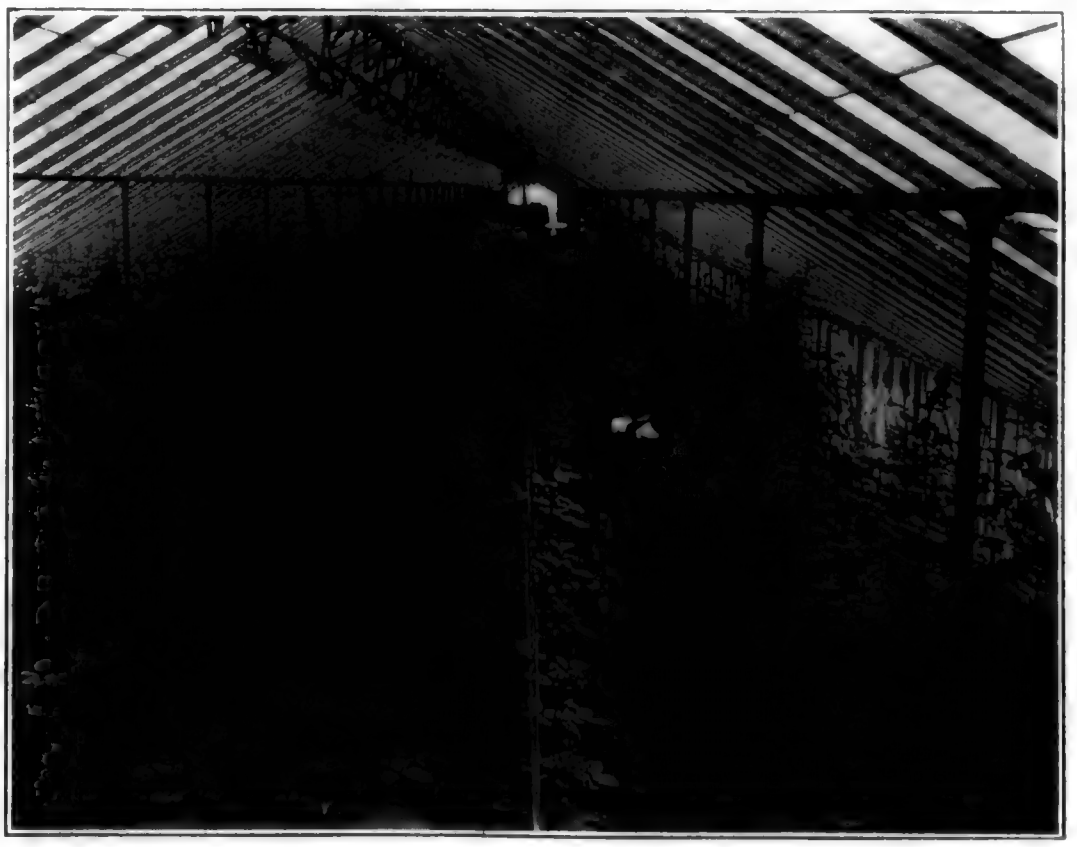
Another matter of interest is in regard to the name of the Double Improved White Killarney, which was filed with the American Rose Society and which exhibit took prize and recognition at Boston, but, owing to confusion in name and upon request of various people, this rose will hereafter be called Double White Killarney, Reuter's Strain.

Benj. Hammond, Sec'y.

FUMIGATING WITH CYANIDE.

Is Gas Used Too Strong?

As to cyanide gas and the experience of Mr. Merrill related in The Review for December 14, are we not using it too strong? Henry F. Michell Co. had a formula in the fall bulb catalogue which I copy: "Put a tablespoonful of water in a galvanized iron pail. Add to this one ounce of sulphuric acid and use one ounce of cyanide of potassium." The above charge is sufficient "for a house 20x100 feet. Don't open the greenhouse for at least twelve hours." I have used the gas in only one house, a small one, only 12x24 feet, and a much stronger formula, and have badly burned my tender plants. My worst pest is the white fly. In the late fall they completely denude my rose bushes in the open and stay around



Peter Morgen in His House of Beauties at Huntingburg, Ind.

until winter, and then take possession of the only house I keep warm for winter. They even come into our dwelling and give the family an all-winter's fight and are worst on fuchsias. We cannot use the gas in our home and we fight them with nicotine, which is an up-hill tussle. They just love lettuce, and during the past fall, when I was most alert, they had a feast on some plants in flats. Elmer D. Smith, in a recent article in The Review, about mums, says he prefers the sodium to the potassium form of cyanide for fighting aphis. In my small way and small house I have little opportunity for experiment, and I am reading all I see in all the printed matter, hoping for the best and ready to adopt anything that will kill the plant-grower's enemies. F. P. Avery.

WHITE FLY ON COLEUS.

Two weeks ago I received a shipment of plants, including some coleus, from a large wholesale house. In looking over the plants a few days ago, I found the coleus had some insects on them. I have not been able to find out what the pests are, so I enclose some of the old ones and those just hatching out. Please let me know what they are and how to get rid of them. L. M. D.

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A NEW BEAUTY GROWER.

The average grower can make more money from some other crop than he can make from American Beauty roses, so that special interest attaches to every new man who turns up with a special facility for handling this greatest of all roses. Peter Morgen appears to be such a man; at least he has been so successful with the Beauty in his years as an employee that when he started in business for himself last spring he chose to specialize on the one variety and now has done so well that it is planned to put up four additional houses next season and plant them all to Beauties.

Mr. Morgen is a graduate of the school of rose growing conducted by Wietor Bros., Chicago. He went to them as a green hand and spent six years in their employ, taking a year for a trip to California after he had four years of training and returning for a postgraduate course of two years. Then he spent eight months with the South Park Floral Co., New Castle, and in the spring of 1911 went to Huntingburg, in southern Indiana, where he went into partnership with a Mr. Seubold and put up two houses, each 24x300. These were up and ready for planting May 24. The illustration is reproduced from a photograph made Thanksgiving day. The success thus far made is such that plans are being made for the addition of four more houses, each 24x300, to be put up early in the spring of 1912 and planted entirely to Beauties.

Mr. Morgen is particularly proud of the heating system in his two houses. He put it in himself and does not claim it can not be beaten, but says, "You got to show me." He uses steam with the Morehead double trap system, one condensation trap and one trap above the boiler. The addition next spring will call for another boiler.

SPOTS ON ROSE FOLIAGE.

Enclosed you will find some rose leaves affected with small, round, black spots. I mulched my roses with fresh cow manure two weeks ago, and since that the trouble started. All my manure was covered two inches with loam. I do not know if it is a scale, as all the woodwork, the glass and even such other plants as poinsettias and lilies are covered with hundreds of those little spots, not as large as a pinhead. Under my microscope it appears formed like a scale, yellow brown underneath, but when scraped off with the fingernail, it leaves no typical light spot, as will other scale. I also notice many little flies among the plants, the same as in cow manure. I sprayed with whale oil soap and with nicotine, but without result. Would cayenne pepper hurt the plants, as gardenias, Harrisii lilies and poinsettias? I would be thankful if I could get special advice, as it is rapidly increasing. H. R.

These are not scale or insects, but are not uncommon when fresh cow manure has been used as a mulch. The insects which come with or breed in the manure are the cause of the spots, and their excrements will be found, as you state, on every class of plants, as well as on the woodwork. While fumigation will destroy such as are on the wing, others are daily coming into life and will continue the spotting while the freshness of the manure lasts. The pests will soon run out, or they probably have by this time. Be careful in the future not to use the manure too fresh, as in addition to causing these specks on the foliage from insects, the strong ammonia is liable to cause burning of the foliage. It would be unwise to use any strong fumigant, as poinsettias will not stand it, although gardenias and lilies would. You can kill all insect life in your soil or manure by using carbon bisulphide. Have holes twelve to eighteen inches apart each way; put a small teaspoonful of carbon in each hole, covering the holes at once. The carbon will not hurt the plants. Do not use any naked light while using it, owing to its explosive nature. Of course the carbon will not destroy any unhatched insect eggs. C. W.

AMERICAN ROSE SOCIETY.

The members of the American Rose Society seem to be alive to the approaching exhibition and annual meeting, to be held this year in January. It is a little earlier and a little different from heretofore. From information now in hand, it would seem that there is going to be a fine spread. Robert Pyle, of West Grove, will give some evening an illustrated talk concerning his visit to England last June.

Another matter of interest is in regard to the name of the Double Improved White Killarney, which was filed with the American Rose Society and which exhibit took prize and recognition at Boston, but, owing to confusion in name and upon request of various people, this rose will hereafter be called Double White Killarney, Reuter's Strain.

Benj. Hammond, Sec'y.

FUMIGATING WITH CYANIDE.

Is Gas Used Too Strong?

As to cyanide gas and the experience of Mr. Merrill related in The Review for December 14, are we not using it too strong? Henry F. Michell Co. had a formula in the fall bulb catalogue which I copy: "Put a tablespoonful of water in a galvanized iron pail. Add to this one ounce of sulphuric acid and use one ounce of cyanide of potassium." The above charge is sufficient "for a house 20x100 feet. Don't open the greenhouse for at least twelve hours." I have used the gas in only one house, a small one, only 12x24 feet, and a much stronger formula, and have badly burned my tender plants. My worst pest is the white fly. In the late fall they completely denude my rose bushes in the open and stay around



Peter Morgen in His House of Beauties at Huntingburg, Ind.

until winter, and then take possession of the only house I keep warm for winter. They even come into our dwelling and give the family an all-winter's fight and are worst on fuchsias. We cannot use the gas in our home and we fight them with nicotine, which is an up-hill tussle. They just love lettuce, and during the past fall, when I was most alert, they had a feast on some plants in flats. Elmer D. Smith, in a recent article in The Review, about mums, says he prefers the sodium to the potassium form of cyanide for fighting aphis. In my small way and small house I have little opportunity for experiment, and I am reading all I see in all the printed matter, hoping for the best and ready to adopt anything that will kill the plant-grower's enemies. F. P. Avery.

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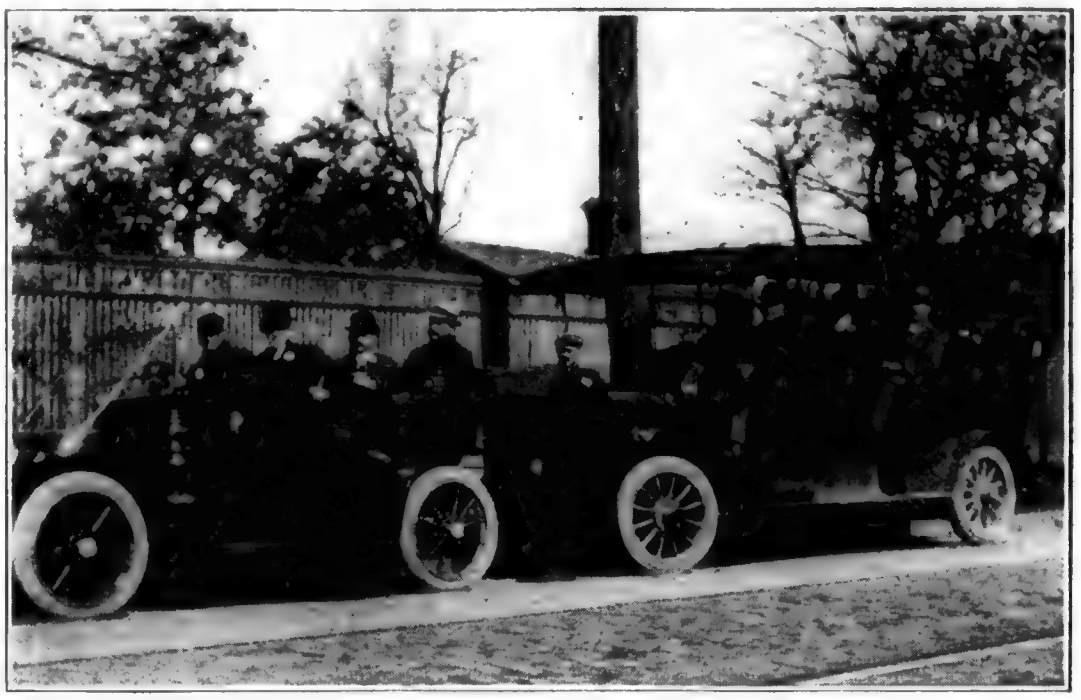
After two weeks of warm weather, a rain started December 15 and lasted

for several days. December 16 the skies were dark and rain fell practically the whole day. This did not, however, deter a large number from going in the special car to the Gardeners' and Florists' Club's field day at Framingham. Over sixty journeyed from Boston, and additions from Natick, Wellesley and other towns swelled the total attendance to over 100. The establishment of W. R. Nicholson was first visited. Carnations are the leading specialty here, and were all in grand crop for Christmas. In the largest house 6,000 plants are grown, the varieties being Harry Fenn, White Enchantress, Mrs. C. W. Ward and Pink Delight. In one house a number of new kinds were growing. Golden Ray was splendid and is the finest of its color up to date. Princess Charming showed up well. Washington did not look so well as some other sorts. White Wonder is grown in quantity and is the best of its color. Beacon and Scarlet Glow were both extra fine, also Gloriosa. Mr. Nicholson likes Benson's White Enchantress better than any other form, and it certainly did look superb. Cuttings in thousands were already rooted and rooting in the propagating house. A house of mignonette was splendid. White and yellow marguerites are grown in quantity and were heavily flowered. The new double white, Mrs. F. Sander, looked first-class. Shamrocks in tens of thousands were noted; also a fine lot of the Godfrey calla, violets and a grand lot of Freesia Purity, carrying remarkably long and stout stems. Everything here was clean and showed that W. R. Nicholson is a chip of the old block.

The next move was to S. J. Goddard's, and Sam had his houses in apple-pie order. On entering the packing shed a fine vase of the new scarlet, St. Nicholas, sent on by the raisers, Baur & Steinkamp, Indianapolis, caught the visitors' eyes. The flowers stood up as if they were fresh picked and caused many favorable comments. The three large carnation houses here carried a grand holiday crop. Helen Goddard, as grown here, beats anything of its color to date. Fenn was fine, Beacon grand. A long bench of White Perfection would be hard to duplicate. Gloriosa was well grown, and Mr. Goddard thinks highly of both this and White Wonder. White Enchantress looked superb. Many new kinds were on trial. Golden Ray was blooming profusely. There were a number of English varieties also. The best in a large batch was Regina, salmon pink in color; this variety will be more heard from. In addition to the carnations, a fine house of stevia was noted, excellent Purity freesia, swainsona, orchids in variety and marguerites, also a fine assortment of Christmas plants for home trade. Coffee and sandwiches were served here, after which a move was made to J. T. Butterworth's, in South Framingham.

Here orchids are a leading feature and fill several houses. Their condition was first-class. Though cattleya flowers were being closely cut, some fine C. labiata were still in evidence, as well as C. Percivaliana, and a grand lot of C. Trianæ, including a fine specimen of C. Trianæ alba. Some good cattleya hybrids were also flowering for the first time. Dendrobium Phalænopsis Schrœderiana was in fine crop. In cypripediums, 8,000 flowers of C. insigne were open, practically all ordered for the holi-

[Concluded on page 82.]



New York and New Jersey Plant Growers on Tour.

PLANT GROWERS ON TOUR.

The annual fall inspection tour of the members of the New York and New Jersey Association of Plant Growers took place recently. The trip took two days and the members were conveyed in automobiles to seventeen establishments on Long Island and fourteen in New Jersey. On the Long Island trip a noonday stop was made at the dining hall of John Niederstein, Middle Village, where under Frederick Marquardt's direction a sumptuous meal had been prepared. The photograph reproduced on this page was taken at Middle Village by Miss Marie Marquardt. It will be noticed that F. R. Pierson, ex-president of the S. A. F., who occupied the front seat, was the guiding spirit of the larger car, while the committee's car was dominated by such large bodies as A. L. Miller and Anton Schultheis. Not only was the trip instructive and profitable, but the members had an enjoyable time.

TORONTO.

The Market.

The big rush is on and everyone is heels over head in work. Increased staffs in all the stores give ample evidence of this. Really good stock is scarce, although there is plenty of the poorer grades. The small amount of first-class stock is attributed to the bad weather. During the last month we have not had two days of sunshine. Good poinsettias are hard to get and as these are much wanted at this season, the scarcity will be keenly felt. Roses, carnations and violets of almost top quality are quite plentiful. Of late, the weather, while cold, has been absolutely without snow. Retailers are praying for a fall of at least enough to cover the ground, as this gives a more Christmasy air and helps business considerably.

Immortelle wreaths and bells are taking the place of holly to a large extent. Many retailers who have heretofore handled holly and wreathing say they will not touch it this year, but will leave it to the grocers and fruiterers. They state there is no money in it. People buy a 25-cent wreath and expect the florist to send the wagon or automobile a couple of miles to deliver it. Christmas trees are scarce, importations being made from as far away as New Brunswick.

Various Notes.

J. H. Dunlop imported a big shipment of Italian pottery. These are finding a ready sale at this season. Mr. Scrim, late of Ottawa, Ont., is now engaged in J. H. Dunlop's store.

J. S. Simmons has a fine lot of azaleas and other flowering plants. He expects to do a large trade in hampers and fancy baskets. He recently purchased a new motor truck for delivery purposes. Business at his new north end store is excellent. E. A. F.

HARTFORD, CONN.

At the annual meeting of the Connecticut Horticultural Society, December 8, the members showed their implicit confidence in their officers of the last year by reëlecting every single one, thus giving testimony of their appreciation of the work done during 1911.

The officers are: President, John F. Huss, Hartford; vice-presidents, J. A. Weber, Hartford; Alex Cumming, Jr., Hartford; Carl Peterson, West Hartford; county vice-presidents, Litchfield, Walter Angus, of Chapinville; Fairfield, C. H. Plump, of West Redding; New Haven, J. H. Slocombe, of New Haven; New London, A. E. Mitchell, of Norwich; Windham, F. M. Smith, of Willimantic; Tolland, Chauncey Turney, of Rockville; Middlesex, A. E. Curtis, of Deep River; secretary, G. W. Smith, Melrose; treasurer, W. W. Hunt, Hartford; librarian, W. T. Hall, Hartford; botanist, G. W. Smith, Melrose; pomologist, C. H. Sierman, Hartford.

About thirty members of the society were present and the year's work was reviewed, showing a total membership of 211, cash on hand $121.68, and additional assets consisting of two shares of Ætna Life Insurance stock. Resolutions of regret on the death of Wm. B. May, one of the society's founders, were adopted. It was voted to draw up a new constitution and set of by-laws, and F. B. Parker was elected to membership.

J. A. Weber was awarded a diploma for three pots of Cypripedium insigne which he exhibited.

OBITUARY.

Henry F. Lord.

Henry F. Lord, treasurer of the Lord & Burnham Co., the widely known greenhouse building material manufacturing concern, with plants at Irvington, N. Y., and Des Plaines, Ill., was found dead in his garage at Irvington Saturday evening, December 16. He had been overhauling his automobile and had been crushed beneath the engine, which apparently had broken from the chassis while he was beneath it, and alone. Physicians said Mr. Lord had died instantly and that the accident had occurred several hours previous to the finding of the body by his son, Arthur Lord, and his son-in-law, John Cushman.

Mr. Lord was 58 years of age, the son of the founder of the business to which he had devoted his life. He had lived at Irvington since he was 15 years of age and was one of the leading citizens, both on account of the size of the company's plant and his activity in civic affairs. He formerly was president of the village and was a trustee at the time of his death. In addition to being treasurer of Lord & Burnham Co., he also was a director of the Irvington Bank and of the Irvington Presbyterian Church.

Mr. Lord was married and had three sons and one daughter.

The funeral was largely attended and a wealth of flowers came from his wide circle of personal and business friends.

Fred H. Johnson.

Fred H. Johnson, who for many years was in the greenhouse business at Olean, N. Y., dropped dead December 18, while at work in Llewellyn's greenhouses, where he had been employed for some time. The body was found by Paul Llewellyn. From all appearances, Mr. Johnson had just filled his pipe, and was about to light it, when he fell forward on his face. Mr. Johnson was one of the best known residents of Olean. Many years ago, when the Erie railroad was first opened, Fred Johnson was employed as an engineer. When he left the road he took up his work as a florist, and for over a quarter of a century conducted the greenhouses on Whitney avenue. For over thirty years he was a boarder at the Grand Central hotel, during all of this time carrying Mrs. Johnson's dinner to her, she being an invalid. He was always of a cheerful disposition, and few would have believed him to be as old as he was, about 82 years.

Last winter Mr. and Mrs. Johnson decided to give up the greenhouse, and, leaving Olean, they moved to Port Arthur, Texas, where they spent the winter. But home ties proved too strong, and in the early spring they returned to Olean. Mrs. Johnson, far advanced in years, is left without known relatives.

Dr. J. Q. Mulford.

Dr. John Q. Mulford, Lebanon, O., was fatally injured when he was buried in a cave-in of concrete and dirt at his home about 10 o'clock on the morning of December 10. He was preparing to make some repairs in a ditch running through his back yard; the ditch was lined with concrete, which was becoming loose and threatened to cave in. He entered the ditch without stopping to brace the walls, and was patching the broken places when the wall on one side, for a distance of twenty feet, gave way. He was caught by the shoulders and immediately rendered unconscious. Two men passing by ran to his assistance, prying away the heavy concrete blocks and freeing him. When taken from the ditch it was at first thought that he had been instantly killed, but physicians succeeded in reviving him and he lived until about 6 o'clock in the evening. No bones were broken, but the weight crushed his lungs.

Dr. Mulford had retired from practice several years ago and since that time has been engaged in the florists' business at Lebanon. He leaves a wife and three sons to mourn his loss.

Lucius S. Fife.

Lucius S. Fife died at Shelburne Falls, Mass., December 15, after several months' illness. He was born in Cincinnati, O., December 27, 1840, the son of Robert M. Fife. Mr. Fife's parents moved to Shelburne Falls when he was but 9 years of age. Mr. Fife had made his home in Shelburne Falls ever since that time. He established the first greenhouse in Shelburne Falls in the early '80s, and had been a professional florist from that time until within a few months, when because of failing health he sold out his business. Since giving up active business life he had continually been losing strength, and failed very perceptibly during the last few days, until the end came.

Mr. Fife was married June 15, 1875, to Myra Emler, of Conway, who survives him. Besides his widow, he leaves two daughters, Mrs. Charles E. Buell, of Shelburne Falls, and Mrs. Emil M. Schneck, of Greenfield, and one sister, Miss Matilda Fife, of Shelburne Falls. Five grandchildren also survive him.

Henry A. Sauer.

Henry Adam Sauer, 64 years old, and a well-known florist of Minneapolis, died December 12. Mr. Sauer was born in Winkledorf, Hanover, coming to America in 1869. He moved to Minneapolis in 1898 and conducted a florist's shop until last July, when he was compelled to retire, owing to ill health. Mr. Sauer was active in Masonic affairs in Minneapolis. He was a member of Arcana Lodge, A. F. and A. M.; Anchor Chapter, R. A. M.; Adoniram Council, Darius Commandery and Zuhrah Temple, and also of Northern Light Lodge, I. O. O. F. He is survived by his wife, two daughters, Mrs. Charles Vanstrum and Miss Pearl Sauer, and two sons, W. A. and Henry Sauer, all of Minneapolis.

EXTRACT OF TOBACCO STEMS.

Kindly give the method of making tobacco extract for spraying, from tobacco stems, of which we have plenty. A. A. C.

For fifty gallons of water take a half-bushel of tobacco stems and allow them to soak ten hours. After pumping or dipping out the water, a second batch can generally be made without renewing the stems.

Peekskill, N. Y.—Mrs. J. D. Sherman opened a new flower store here December 9. This is the fourth retail establishment here, besides three greenhouses that grow plants and cut flowers.

...NEWS NOTES...

Plainfield, N. J.—Chas. L. Stanley says that the prevailing mild weather has produced lots of soft stock.

Raleigh, N. C.—The Raleigh Floral Co. has taken over the business formerly conducted by C. A. Lyle & Co.

Montclair, N. J.—A. S. Wallace reports a busy season. He is a pioneer in the business here and has two branch stores.

Chippewa Falls, Wis.—F. S. Weigand has erected two new houses, each 25x153 feet, and will devote them to roses and carnations.

Nashua, N. H.—A new greenhouse, 20x100, is being erected here for Mrs. Ella Churchill, who will grow cut flowers for the Boston market.

Dansville, N. Y.—The Allen Bailey Tag Co. has been incorporated here for the manufacture of florists' and gardeners' supplies, tags, labels, etc. The incorporators are J. J. Bailey, S. E. Allen and J. A. Bailey, and the capital stock is fixed at $60,000.

Englewood, N. J.—E. G. Burrows opened a fine new store here, early in the season, directly opposite the depot. Supplies are drawn from the greenhouses at Tenafly, where Mr. Burrows has for several years grown for the New York markets. Business is reported good.

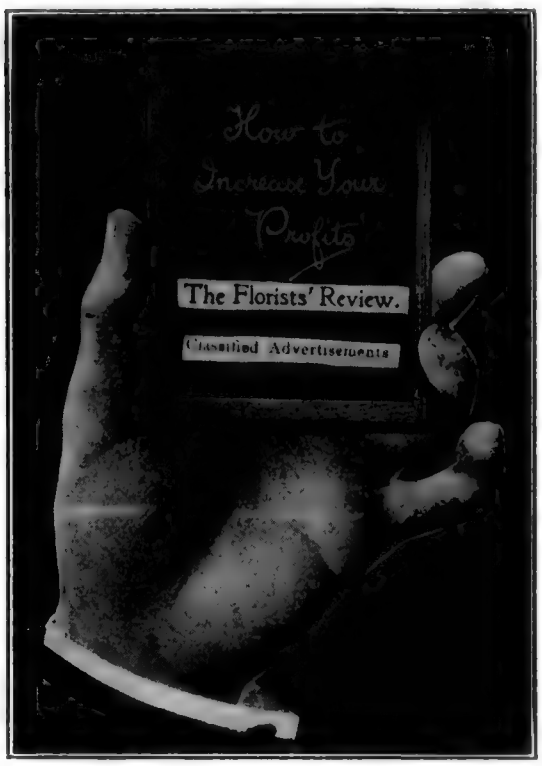
Tipton, Ind.—F. A. Benthey, who formed a partnership here a few months ago with William Briscoe, has purchased Mr. Briscoe's interest and is now sole owner of the establishment. Including an addition just completed, Mr. Benthey now has 10,000 square feet under glass.

Shepard, O.—Leo Miller, who has earned a reputation as a successful grower of chrysanthemums, has had rather better stock than usual this year and is correspondingly well pleased with the season's business. All his stock is taken by the Livingston Seed Co., Columbus.

Irvington, Newark, N. J.—E. Jacobi is one of the largest growers of mushrooms in northern New Jersey. His experience this season is that the American spawn moves much more quickly than the imported article and also produces more heavily. The market has been steady for some time.

Summit, N. J.—The Colonial Flower Shop, being located in the best part of town, does a good business. Wm. Death, the hustling proprietor, finds the conservatory which was recently added the best investment yet made. Quite a range of glass is maintained on the outskirts of the town. A younger brother has recently arrived from England and will assist in the business.

Holyoke, Mass.—A new organization was recently formed here, to be known as the Florists' and Gardeners' Club. By-laws have been adopted and the following officers elected: President, Geo. H. Sinclair; vice-president, E. J. Canning; secretary and treasurer, F. L. Bartlett; executive committee, D. J. Gallivan, William Pickey and Reginald Carey. Meetings are to be held the first Tuesday of each month.



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THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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SOCIETY OF AMERICAN FLORISTS.

Incorporated by Act of Congress, March 4, 1901.
Officers for 1911: President, George Asmus, Chicago; vice-president, R. Vincent, Jr., White Marsh, Md.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, W. F. Kasting, Buffalo, N. Y.
Officers for 1912: President, R. Vincent, Jr., White Marsh, Md.; vice-president, August Poehlmann, Morton Grove, Ill.; secretary, John Young, Bedford Hills, N. Y.; treasurer, W. F. Kasting, Buffalo, N. Y.
Annual convention, Chicago, Ill., August 20 to 23, 1912.

RESULTS.
We give them. You get them.
We both have them.

Not a few subscribers save themselves the bother of annual renewal by sending The Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

The way the sweet pea has jumped in favor beats anything heretofore known in the flower business. The production in the next few months will far exceed the supply of other years and everyone should take advantage of the fact to feature peas before the public. No question of good peas making a hit with the flower buyers.

EPIGRAMS FROM EVERGREEN.

M. E. McGraw is the manager of the Caldwell business at Evergreen, Ala., and has much of that keen insight into human nature that made The Woodsman famous. Among his latest epigrams are:

"There is one commodity not controlled by a trust—it is honesty."

"There is one commodity in which there is little competition—it is quality."

"The man who has quality for sale, and fairly and honestly tells his quality claims, will build for himself a name and a trade as enduring as time."

GLADIOLUS SOCIETY.

A meeting of the executive committee of the American Gladiolus Society was held in New York city December 6, with the following members present: Arthur Cowee, A. T. Boddington, E. W. Fengar and I. S. Hendrickson.

The matter of a die and medals was taken up and discussed. It was finally decided to purchase a die and offer ten sets of medals the first year to as many local horticultural societies. It was thought best to offer a silver medal for first prize and a bronze medal for second prize, the ten sets of medals to cost $70.

The matter of a registration bureau was then taken up, and it was decided to combine this committee with that of the nomenclature committee, already established, with trial grounds at Ithaca, N. Y., where all tests can be made.

The matter of certificates of merit was then taken up, and it was the sense of the meeting that these certificates should be awarded only by the nomenclature committee, and not by judges appointed for the annual exhibition.

President Hendrickson has appointed Arthur Cowee and Professor Beal as members of the color chart committee.

L. Merton Gage, Cor. Sec'y.

TWO POINTS OF VIEW.

There always are two points of view, and usually both are interesting. The readers' point of view, according to the best publishing precedent, comes first:

The essential necessities of a florist's establishment are good stock, good pots, good soil, good heating, plenty of sunshine and The Review, so here is my dollar for 1912.—A. L. Miller, Brooklyn, N. Y., December 4, 1911.

Then there comes the advertisers' point of view, though you could guess that, with the readers feeling like Mr. Miller:

I shall have to ask you to take out my advertisement for geraniums, as all the cuttings and 2-inch stock are sold and I have orders booked ahead for all that I can root this season. I have had to return a great many orders and cash where I could not handle the orders. Also, the 4-inch Bostons are all sold.—D. R. Herron, Olean, N. Y., December 13, 1911.

CHICAGO.

The Great Central Market.

Though in reality Christmas does not come until next week, the week ending December 16 generally was referred to as the week before Christmas. Comparisons with the week before Christmas last year are not favorable. The market was too heavily supplied with stock and with many the Killarneys were decidedly off color. At the same time the inclination was to hold up prices because of the approach of Christmas and the rather unusual spectacle was presented of some stock going to waste "the week before Christmas," White Killarney being the item that caused the most trouble.

This week things are different. At the opening of the week it might truly be said that "next week is Christmas" and the market began to take on the usual pre-holiday aspect. Monday, December 18, receipts were extremely light and it was difficult to fill orders for carnations. Prices were advancing and the Christmas level was well within sight. The run of mail orders Monday morning was said by many to have been the heaviest in their experience. Thursday, Friday and Saturday are the shipping days, December 22 having the bulk of the orders thus far received. There is an unusual disagreement as to what the latter part of the week will bring forth. Some able buyers believe that the experience of the last two years is to be repeated, at least in some measure, and quite a few wholesalers also are of the opinion that supplies generally will be adequate. These wholesalers expect to see enough Beauties and a fair supply of Richmond,

Wire Your Orders on

BEAUTIES

FOR CHRISTMAS

Also for Killarneys, Richmonds, Carnations, Violets, Orchids, Valley and all miscellaneous Cut Flowers and Greens.

We've Got The Goods

And All The Best Quality

Open all day Sunday, Dec. 24

Christmas Price List.

	Per doz.
ORCHIDS	
Cattleyas	$10.00 to $12.00
Percivallanas	7.50 to 9.00
Cypripediums	2.00 to 3.00
Dendrobiums	6.00 to 7.50
AMERICAN BEAUTY	
Extra Long Stems	$12.00
Stems 30 to 36 inches	10.00
Stems 24 inches	9.00
Stems 12 to 20 inches	$ 3.00 to 6.00
ROSES	**Per 100**
White Killarney, special	$25.00
" " select	$15.00 to 20.00
" " seconds	8.00 to 12.00
Killarney, special	25.00
" select	15.00 to 20.00
" seconds	8.00 to 12.00
Richmond, special	25.00 to 30.00
" select	15.00 to 20.00
" seconds	8.00 to 12.00
Extra special roses billed accordingly.	
CARNATIONS	**Per 100**
Common	$ 5.00 to $ 6.00
Select, large and fancy	8.00
Fancy red	10.00
MISCELLANEOUS	
Poinsettias, doz., $3.00 to $4.00	
Violets, New York double, per 1000, $15.00 to $20.00	2.00
Violets, single, per 1000, $15.00 to $17.50	2.00
Easter Lilies, per doz., $2.00	12.50 to 15.00
Valley, seconds	3.00
" select	4.00
" special	5.00
Daisies, white and yellow	1.00 to 2.00
Sweet Peas	1.00 to 2.00
Bouvardia	4.00 to 8.00
Stevia	1.50 to 2.00
Paper Whites	3.00 to 4.00
Romans	4.00
Mignonette	6.00 to 8.00
DECORATIVE	
Asparagus Plumosus, strong	.50 to .75
" " bunch	.35 to .50
" Sprengeri, bunch	.25 to .50
Adiantum, fancy, long, per 100	1.00 to 1.50
" medium, per 100	.50 to .75
Smilax per doz., $1.50	10.00
Mexican Ivy per 1000, 6.00	.75
Ferns per 1000, 2.00	.25
Galax per 1000, 1.25	.15
Leucothoe Sprays	.75

Store open from 7 a. m. to 6. p. m.
Subject to market changes.

E. C. AMLING CO.

The Largest and Best Equipped Wholesale Cut Flower House in Chicago

68-70 E. Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central.



Raedlein Baskets

add greatly to the attractiveness of cut flowers and plants. Stock up now for the winter trade. We have a complete line of cut flower and plant baskets and offer our popular

Assortments From $10 Up

These baskets are better value for the money than you can get any place else, and you will recognize that value when you see them.

Your check enclosed with your order will bring prompt shipment.

When you buy from us, you buy from the factory—at factory prices.

THE RAEDLEIN BASKET CO.

717 Milwaukee Ave., Chicago

Factories: Ebersdorf and Weidhausen, Germany.

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Imported Round Glass Tanks

Strong and handsome, the best thing out.

Will outsell the old style Fish Globes.



Diam. Inches	Height Inches	Cap. Gals.	Price Each
7	7	1	40c
8¼	8¼	1½	60c
9	9	2	80c

Larger sizes up to 20-in diameter, 12-gal. capacity.

Also import all glass square tanks from ½ gallon capacity to 15 gallons. All kinds of Aquaria, Fish Globes, and Aquaria Ornaments. Catalogues and price lists on application.

NICHOLAS WAPLER, 28 Warren St., NEW YORK

Mention The Review when you write.

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Seals and Lodge Emblems

Gold, Silver and Felt Letters, also Patent Black Letters and Figures for Funeral Design Work.

Write for free sample to

IDEAL MONOGRAM CO.

812 Temple Court Bldg. CHICAGO, ILL.

Always Mention the Florists' Review when writing advertisers

with a shortage in red carnations, but they predict an oversupply of White Killarney and white carnations, with an abundance of Killarney and Enchantress carnations. On the other hand, some growers and wholesalers assert that the dark weather and snow in the last few days has completely upset the earlier calculations. They assert that the flowers are not on the plants and can not be cut, predicting that the market will strengthen as the week progresses, and that this Christmas will turn out to be quite a different Christmas from either of the last two.

There is general agreement that the orders did not come in so early this year as in other years; no great amount of business was booked prior to December 18. Practically everyone is looking for an exceptionally heavy run of late orders, believing that in the end the trade at retail will equal the best previous record and that the buyers who have not placed the usual orders will be compelled to wire during the last days for additional supplies.

Buyers out of town will do well to note that there is no mail to be had in Chicago Sundays, not even by going to the post-office for it. If orders can not be mailed to be sure of delivery December 23, for shipment December 24, use the telegraph or telephone, or put on special delivery stamps.

Various Notes.

Announcement is made of the withdrawal of Henry Wittbold from the George Wittbold Co. It is understood that Mr. Wittbold, whose headquarters at present are at Evanston, will continue in the business on his own account. The affairs of the corporation, and its management, will go ahead without change.

One of N. J. Wietor's proteges is Peter Morgen, who is now in business for himself at Huntingburg, Ind., and making a success as a Beauty grower. Mr. Morgen, whose place is illustrated in this issue, says Mr. Wietor gave him his start, taking him as a green hand.

At the opening of this week Vaughan & Sperry received a ton of red berries by express from California.

Tim Matchen says the run of mail orders for Christmas received December 18 was the heaviest in the history of Peter Reinberg's business.

Arthur Blom, who is buyer for Paul Blom, says he thinks no retailer has any cause for complaint on the market as it has been found thus far this season. Mr. Blom thinks he has bought better flowers for the same money, or the same flowers for less money than they cost last season.

Kyle & Foerster say that not all the rose growers are bringing everything into crop for Christmas and that the big scarcity of last year will not be repeated in January and February.

The Batavia Greenhouse Co. says the dark weather of the last week has cost them much money through the inevitable injury to the quality of a good crop of short and medium Beauties.

The store of the A. L. Randall Co. was the scene last week of what was said to be the first bulb show ever held in America. It was by the Western Dahlia and Gladiolus Growers' Association.

Sign in the Percy Jones store: "The man who loses with a smile has more friends than the one who wins with a chuckle." Not half bad.

WEILAND & RISCH

WHOLESALE GROWERS AND SHIPPERS

SHIPMENTS EVERYWHERE — IMMEDIATE DELIVERIES

CUT FLOWERS

154 NO. WABASH AVE. CHICAGO

PHONE CENTRAL 879

CHRISTMAS PRICE LIST

AMERICAN BEAUTIES	Per Doz.
Extra long stems	$12.00
30-inch stems	10.00
24-inch stems	8.00
20-inch stems	6.00
18-inch stems	5.00
15-inch stems	4.00

ROSES

	Per 100		
Killarney—			
Specials	$15.00	@	$18.00
Firsts	10.00	@	12.00
Seconds	6.00	@	8.00
White Killarney—			
Specials	15.00	@	18.00
Firsts	10.00	@	12.00
Seconds	6.00	@	8.00
Richmond—			
Specials	18.00	@	20.00
Firsts	12.00	@	15.00
Seconds	8.00	@	10.00
Antoine Rivoire (Mrs. Taft)—			
Specials	$20.00	@	$24.00
Firsts	15.00	@	18.00
Seconds	10.00	@	12.00
Melody—			
Specials	15.00	@	18.00
Firsts	12.00	@	14.00
Seconds	8.00	@	10.00

Extra Special Stock Billed Accordingly

MISCELLANEOUS

Carnations—			
Specials			$6.00
Firsts			5.00
Seconds			4.00
Poinsettias—			Per Doz.
Special			$5.00
Firsts			4.00
Medium			3.00
	Per Doz.		
Gardenias	$6.00	@	$8.00
Orchids—			
Cattleyas	9.00	@	12.00
	Per 100		
Easter Lilies	$15.00	@	$18.00
Valley	4.00	@	6.00
Violets, Double.	1.50	@	2.00
Single	1.25	@	2.00
Daisies—			
W. and Y	2.00	@	2.50
Sweet Peas	1.50	@	1.75
Mignonette	5.00	@	8.00
Stevia, Fine	2.00	@	3.00
Snapdragon,			
Y. and P.	8.00	@	10.00

DECORATIVE

Smilax—
Strings, 100, $12.00; doz., $1.50
Sprengeri, large bunch, ea., 40c
Asparagus, large bunch, ea., 40c
Large string... ea., 50c @ 60c
Mexican Ivy, 1000, $6.00; 100, 75c
Adiantum, fine, 100, $0.75 @ $1.25
Galax 1000, $1.50; 100, 20c
Ferns.....1000, 2.00; 100, 20c

Quotations subject to change without notice.

Store open from 7 a. m. to 6 p. m. Sundays and holidays closed at noon.

Weiland & Risch

154 N. Wabash Avenue

CHICAGO

Mention The Review when you write.

OPEN ALL DAY SUNDAY, DEC. 24

IN CUT FLOWERS

We have our usual large supply in all lines. Expect to fill all orders in our usual highly satisfactory manner. If you are running short, wire or phone us.

IN FLORISTS' SUPPLIES

Our immense stock remains practically unbroken. Wire for anything you are short of and we ship on next train.

A. L. Randall Co.

Everything for Florists, L. D. Phone Central 1496 Private Exchange all Departments **66 E. Randolph Street, Chicago**

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WANTED

For Christmas, Dec. 23 to 25

25
Marechal Niel
Rose Buds

Answer to

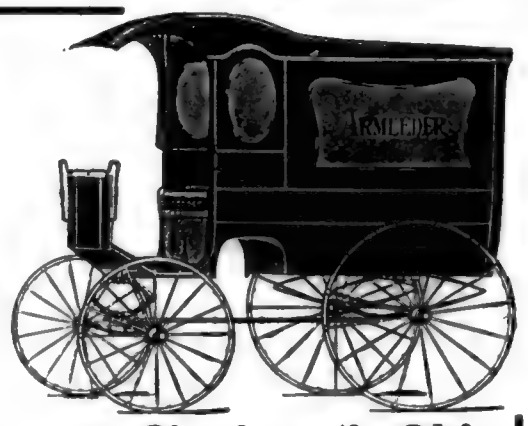
H. R. Comley
No. 6 Park St.
BOSTON, MASS.

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NO WORRY

about repairs or breakdowns if you own an **Armleder** Wagon.

It's built right in the beginning and it wears like iron. You need our catalogue. It's free, but you'll have to ask for it.



THE O. ARMLEDER CO., Cincinnati, Ohio

Mention The Review when you write





A Good Place to Buy

Cut Flowers, Palms, Ferns, Bulbs and Florists' Supplies. Write them next time you need something.

C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write

Zech & Mann say that their Christmas orders include an unusual number from new customers and that they also this week added a rose grower to their list of shippers.

South Water street is reported to be badly stuck on evergreen wreathing, the sale for which ceases several days before Christmas.

John Starrett is hanging a 36-inch or 48-inch double holly wreath with a big ribbon streamer in each of the street windows of the La Salle hotel this week.

John P. Risch is one of those who say last week's weather upset all Christmas calculations.

Klehm's Nurseries, Arlington Heights, has ordered an automatic electric pump for returning the condensation to its boilers. The apparatus is made by the American Well Works, Aurora, Ill., and replaces a Crane trap.

Bassett & Washburn said December 18 that the Christmas orders were running especially heavy on carnations.

E. E. Pieser, of Kennicott Bros. Co., says the flower business is an individual affair, a man's success in it depending on his ability to recognize and grasp an opportunity when it comes.

O. W. Frese reports that Christmas orders have come from several buyers who, he is sure, are new to this market.

John Michelsen, of the E. C. Amling Co., says that violets have improved a great deal in the last few days, both local and eastern. He looks for no oversupply.

Poehlmann Bros. Co. has not been able to move before the rush and now is figuring on getting into the new store shortly after New Year's.

Winterson's Seed Store is extremely busy this week with the retail trade in Christmas greens.

C. W. McKellar is showing a fine line of wreaths for Christmas.

George Reinberg's principal Christmas cut is White Killarney.

KILLARNEYS WHITE PINK

Also a good cut of BEAUTIES, RICHMONDS and CARNATIONS

Also can supply all other stock in season. Give us a share of your orders. We know we can please you.

Batavia Greenhouse Co.

Greenhouses: Batavia, Ill. L. D. Phone 2995 Randolph Store: 30 E. Randolph St., CHICAGO

Mention The Review when you write.

John Kruchten says most of the Bowmanville growers are in good crop this week and he looks for no scarcity except in red.

Hoerber Bros. say this will be their banner week to date.

Pumps and engines will be added to the John C. Moninger line for the coming year. This will enable this company to furnish anything or everything that goes to make up a greenhouse establishment, including the building material, heating plant and water supply system.

Christmas stock is practically all cleaned out at Wittbold's Edgebrook plant, and in a number of cases they were obliged to buy from other growers to take care of their orders.

Visitors since last issue have included A. E. Kunderd, Goshen, Ind.; S. W. Pike, St. Charles, Ill.; H. W. Koerner, Milwaukee; E. S. Thompson, South Haven, Mich.; M. Rocklin, Sioux City, Ia.; Gust Rusch, Milwaukee.

NEW YORK.

The Market.

Last week was the usual before-Christmas, dull week in the cut flower market, only more so, because of the remarkably mild weather and the consequent increase in shipments of every kind. Ice-boxes and cellars were bulging with the surplus, which even a December Saturday was unable to relieve. Prices were on the down grade all the week and at times touched summer levels. The only consolation is that every year tells about the same story for a corresponding date. The new week opens with light shipments and nice, warm weather, splendid for the plantsmen, but ominous for the cut flower section.

The cut of American Beauties is large and the promised Christmas shipments will beat all records, the quality growing better as the cold increases. Prices can not be unreasonable, although they fell unreasonably low at times during the week just past. There will be a good demand for all the novelties in roses, and any price in reason may be asked with safety. The standard varieties of roses will have the usual reasonable advances. Carnations fell last week to half the Thanksgiving average, but will doubtless bring excellent returns to growers for the holidays. There are a good many varieties of orchids. Prices are reasonable and there is a wide demand from out of town. Lilies dropped to 6 cents and lower last week and 10 cents for Christmas is as high as anyone expects. Few will go above $1 a dozen, or $1.50 for callas. Gardenias are abundant and in many grades, the best firm at $4 to $5 a dozen. Violets were down to 50 cents last week, never above 75 cents, and this for the specials. The chrysanthemum has had its banner year, and is not yet hiding its light under a bushel. A goodly supply was obtainable all the week and they will last a while longer, not disappearing entirely until the advent of 1912.

There are lots of other flowers—sweet peas, hyacinths, poinsettias, pansies, and of stevia and Paper Whites a surplus that seems almost unclearable at any price, though doubtless everything will go for Christmas and plants and cut flowers will compete about equally for public patronage. There will be no more exclusively plant Christmases, now that the old days of great rises for roses, carnations, etc., are forever past. No one can reasonably complain at the fair levels maintained by the wholesale men in these later years.

The supply of holly, wreathing in laurel and pine, wreaths, wild smilax and mistletoe compares favorably with other years.

New York to Detroit.

F. H. Traendly, W. F. Sheridan and John Young issue the following announcement:

"The transportation committee appointed by the New York Florists' Club has made the following arrangements: Leave Grand Central station on the Wolverine, leaving at 5 p. m., arriving at Detroit at 7:15 next morning. Fare one way, $16. On a party ticket of ten or more the fare will be $13.25. Lower berths, $3.50; upper, $2.80; compartment, $10; drawing room, $13. Reservation of berths should be made by January 8 at latest. Tickets for transportation may be obtained on the train. All delegates from the east are invited to join our party. Further information, if desired, may be had of Frank H. Traendly, 133 West Twenty-eighth street."

Various Notes.

The plantsmen are having a splendid

FANCY CARNATIONS

CHRISTMAS PRICE LIST

CARNATIONS	Per 100
Fancy White	$ 6.00
Fancy Enchantress and Rose-pink	8.00
Fancy Red	10.00
ROSES	
White Killarney	$ 8.00 @ 15.00
Killarney	8.00 @ 15.00
My Maryland	8.00 @ 15.00
Richmond	10.00 @ 20.00
Extra lengths of roses billed accordingly	
American Beauties ....per doz.,	$6.00 @ $12.00
MISCELLANEOUS	Per 100
Easter Lilies	$12 00 @ $15.00
Valley	3.00 @ 4.00

	Per 100
Violets	$2.00
Sweet Peas	$1.00 @ 1.50
Paper Whites	3.00 @ 4.00
DECORATIVE	
Asparagus Plumosus per string	$0.50 @ $0.75
Asparagus Plumosus per bunch	.35 @ .50
Asparagus Sprengeri per bunch	.25 @ .50
Adiantum, fancy, long	1.00
Smilax....per doz.,	$1.50 @ $2.00
Ferns....per 1000	2.00
Boxwood....large bunches,	.25

Subject to Market Changes

Chicago Carnation Co.

Salesroom: 30 E. Randolph Street, Greenhouses, JOLIET, ILL. CHICAGO

Mention The Review when you write.

There's Money for You in Goldfish



$3.00 per 100 and up

Send for Catalogue

and our Special Assortments. Largest dealers in Goldfish and Aquarium Supplies in the United States. Sea Moss, Japanese Fish.

AUBURNDALE GOLDFISH CO.

920 W. Randolph St., Chicago, Ill.

PHONE HAYMARKET 152

Mention The Review when you write.

LAST CALL

WIRE YOUR ORDERS

For Christmas Greens For Christmas Cut Flowers For Florists' Supplies

If anybody has what you need, Winterson has it, and Winterson will ship on next train.

Winterson's Seed Store

166 N. Wabash Avenue, Long Distance Phone, 6004 Central. CHICAGO

Mention The Review when you write.

season. Everything in flower that is worth selling is already sold, and delivery is at its height. There has been considerable shipping, but the big city uses an enormous quantity. The quality of the azaleas, ardisias, poinsettias, oranges, etc., has never been excelled.

The event of special interest during this pre-holiday week will be the reunion of the gardeners Thursday afternoon and evening. All branches of floriculture will be represented. Much credit is due the committee, Messrs. Manda, Marshall and Donlon, for the thoroughness of the preparations.

A visit last week at the establishment of the Yonkers Nursery Co. revealed an enterprise, within street car distance of New York, that is already a credit to eastern horticulture and to its ambitious proprietor, Fred Smythe, of Wadley & Smythe. Robert Rennison is in charge of the nursery. Sixty acres are devoted to the business. Packing cellars, immense palm houses and every facility for handling the business are in evidence. Some of the palms are valued at $400 to $500 each. Mr. Smythe makes annual purchasing tours in Europe. A grand bank of the silver spruce attracts special attention. Great masses of rhododendrons on the side hill must be a glorious sight in the flowering season.

Not many miles distant, between White Plains and Tarrytown, one is attracted by a range of greenhouses and a fine nursery in embryo. The Scott brothers are proprietors of a 30-acre tract, one-third of which can be disposed of any day for the original cost, leaving as velvet twenty acres of splendid nursery soil in the heart of as fine a suburban section as can be found within a 20-mile radius of the metropolis. In the greenhouses are grown the new varieties of roses and carnations, all absorbed in the neighborhood by the retail trade, and an abundance of rooted cuttings for the wholesale demand. Fine homes have been built, immense plantings of nursery stock have been made and a bright future for this enterprise seems assured.

Distinguished visitors to New York last week were Elmer D. Smith, of Adrian, Mich.; E. G. Hill, of Richmond, Ind., and J. K. Farquhar, of Boston, the latter gentleman giving one of his interesting travelogues before the Horticultural Society of New York Saturday afternoon.

The trade was shocked on Monday morning by the announcement of the accidental death of Mr. Lord, of the Lord & Burnham Co., at his residence in Irvington. He had evidently been crushed without warning, as he was found in his garage and had been dead several hours when the accident was discovered.

The seedsmen are, many of them, handling holly and Christmas plants, some of them doing a big retail trade in lower New York. After New Year's all the big houses will have their representatives hustling.

Woodrow & Marketos say shipping orders for plants have been ahead of expectations.

Every florists' supply house has been

PERCY

Not the Oldest

Nor the Largest

Just the Best

56 East Randolph Street, CHICAGO

JONES

Mention The Review when you write.

For New Year's and month of January we will be very strong on

BEAUTIES, KILLARNEY, MARYLAND, RICHMOND

all of excellent quality. We want to make special mention of our white and pink Killarneys. Our growers are producing better stock this year than ever before. You can depend on us to fill your orders, and on the quality. Our prices are very reasonable.

Boxwood	per case,	$7.50
Bronze Galax	"	7.50
Green Galax	"	7.50

Some of Our Miscellaneous Stock

White Lilac Snapdragon Peas Violets
Mignonette Pansies

The Leo Niessen Co.

WHOLESALE FLORISTS
N. W. cor. 12th and Race Sts., PHILADELPHIA, PA.
Open from 7 a. m. to 8 p. m.

Mention The Review when you write.

overwhelmed with orders. "By far the best season ever known," is the universal verdict.

The promise for a record Christmas in Brooklyn is bright. The Brooklyn wholesalers are all cheerful. There are two million flower lovers in Brooklyn. Nearly every retail florist there is making progress. In the green goods section Harry Crawbuck has a big force at work. The supply men report a good season. J. Austin Shaw.

PHILADELPHIA.

The Rising Eastern Market.

The market this week may be compared to a great ocean liner at sea: the tremendous height of the billows is increased by the fearful depths before and after. The Christmas wave of business activity soon to come was preceded by a week of dullness, with business in a most unsatisfactory condition. Irregular shipments, and shipments of flowers that bear evidence of an unsuccessful attempt to hold them for the holidays, increase the troubles of the salesmen, who find it difficult to induce buyers to take good flowers at fair prices. It is practically impossible to make them take overripe stock at any price. Under these conditions prices fluctuate. The volume of business was not equal to the week before. There was heavy trading in greens, particularly boxwood.

Roses are abundant and, generally speaking, of excellent quality; with Paper Whites and violets they form the most serious condition for the wholesalers. Carnations are perhaps the strongest factor in a weak market, due quite as much to the omission of shipments as to the strength of the demand. There is a fair amount of shipping to help the rather moderate local demand to form the total of business of the quietest week since the opening of the social season.

Christmas Conditions.

I am not sure whether the changes that are so rapidly coming over the Christmas market are generally understood. To those who understand them, a word of apology; to those who do not, these statements of fact may be of interest.

The demand for something bright and pretty or for something fresh and green is steadily increasing each Christmas. This demand is subject to changes, due to taste or to inability to secure what is wanted at the desired price. The difficulty in supplying this demand with cut flowers, ordinarily preferred for Christmas gifts, has broadened the field of plants and of florists' supplies. The improved varieties of both blooming and foliage plants, and the improvement in their culture, have created a greater advance in the demand for plants than for either cut flowers or supplies. The prices realized for the plants are as good as they have ever been before, if not better; the prices for flowers do not average so high. Really fancy blooms realize almost if not quite as much as they ever did before, but blooms that are not really fancy are sold at lower prices in the lower classes. The advantage that plants have over cut flowers is that the buyer can see exactly what he is going to get in advance, and can show this in turn to his customer. The disadvantage lies in the greater expense of handling in cold weather. It is probable that the more moderate price of cut flowers at Christmas is a decided advantage, because it brings them within reach of a much larger number of buyers. An interesting fact in connection with these changes is that many of the leading growers, particularly of roses, have ceased to crop for Christmas, finding that the depression that precedes and succeeds the holiday, when the market is so heavily loaded with stock, more than offsets the higher Christmas prices.

Holiday Orders

Can be filled advantageously. Flowers are at their best; prices lower than at Christmas. We offer fine

Richmond, Killarney, White Killarney and Princeton Roses

Violets, Single and Double Carnations, Easter Lilies

and all the best that the market affords.

Send your orders in early

BERGER BROS.

Wholesale Florists

140-142 North 13th Street, Philadelphia, Pa.

Mention The Review when you write.

GARDENIAS



As a midwinter flower nothing is more appreciated than the Gardenia, with its purity and fragrance. For **New Year's,** our growers will be exceptionally strong with a fine crop of the very best quality flowers. Special, per doz., $4.00; First, per doz., $3.00.

VALLEY

Special.....per 100, $4.00 Extra.....per 100, $3.00

Distributing Agents for the great New Roses for 1912:

Double White Killarney and Killarney Queen (Budlong Strain)

Grafted.....$250.00 per 1000 Own root .....$200.00 per 1000

SUNBURST

Grafted.....$35.00 per 100; $300.00 per 1000
Own root..... 30.00 per 100; 250.00 per 1000

RIBBONS and SUPPLIES. Many new patterns in exclusive Christmas Ribbons. Write us for prices on these and on supplies.

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF PHILADELPHIA

PHILADELPHIA 1608-1620 Ludlow Street
NEW YORK 109 West 28th Street
WASHINGTON 1212 New York Avenue

Mention The Review when you write.

Close the year with satisfaction!

How? Try some of our specials named below:

GARDENIAS——ROSES——SWEET PEAS

and all other seasonable stock.

Philadelphia Cut Flower Co., 1517 Sansom Street, Philadelphia, Pa.

OPEN UNTIL 8 P. M.

Mention The Review when you write.

Various Notes.

Baur & Steinkamp, Indianapolis, last week sent a fine bunch of St. Nicholas, their new crimson red carnation, to S. S. Pennock-Meehan Co. The blooms were large and handsome, attracting attention by their showy appearance.

Fire destroyed the boiler and potting-shed, two houses and much valuable stock at the Thaddeus N. Yates & Co. greenhouses, Mt. Airy, Sunday, December 17, at 6 a. m. The fire is believed to have originated from a carelessly thrown match. The fire companies responded immediately, and saved the other buildings, but, unfortunately, destroyed many plants with their chemicals. Mr. Yates estimated his firm's loss as follows: Boiler-shed and greenhouses, about $3,000, eighty per cent covered by insurance; stock, not covered by insurance, 200 rhododendrons, 200 azaleas for Christmas, 2,000 table ferns and 25,000 nice geraniums. Great sympathy is felt for Walter Yates, whose enterprise has pushed the firm into business prominence. Plans are under way for rebuilding. The boilers were not damaged.

The annual meeting of the Pennsylvania Horticultural Society was held in Horticultural hall on the evening of December 19. Plans were discussed for the coming exhibitions and officers were elected for 1912.

Robert A. Craig says that the demand for Christmas plants exceeds that of any previous year.

H. Bayersdorfer & Co. report the following visitors: William Feast, Edwin A. Seidewitz and J. Dan Blackistone, Baltimore; Charles Schmidt, Harrisburg, Pa.; John Ratcliffe, Richmond, Va.; A. B. Ellsworth and Ernest Ashley, Allentown, Pa.; G. C. Boyd, Wilmington, Del. Two steamers arriving

Send for
MICHELL'S
WHOLESALE CATALOGUE OF
SEEDS, Etc.
MARKET ST. PHILA.

December 18, bringing consignments of moss wreaths and other Christmas goods, were unloaded with lightning-like dispatch and their contents sent flying all over the country.

Robert Shoch, with M. Rice & Co., has returned from trips down east and to Baltimore and Washington. Mr. Shoch comments on brisk business and winter plowing at Dover, N. H., a sight not often seen in December. His firm reports visitors too numerous to mention; tremendous demand for everything red or anything that looks like it and a lively December. Arthur Zirkman has also returned, in happy vein, to the fold. Phil.

Clarence Alwine, of Aldan, is sending fine radishes to market. He grows them between his sweet peas. Fine prices are obtained and the demand is more than he can supply.

LANCASTER, PA.

The florists of Lancaster city and county, to the number of some fifty, have started a Florists' Coöperative Association at the call of Albert M. Herr. Coöperative buying and coöperative selling, along with some cultural talks and better business methods, are the objects to be attained and the first regular meeting will be held January 18, with carnations the main topic. Introducers who wish to send some flowers for this meeting should address in care of H. A. Schroyer, Lancaster, Pa.

DETROIT, MICH.

The Market.

The market last week was good in all lines and stock of all kinds cleaned up well. Monday, December 18, brought a nice supply of roses and carnations, which were sold out in a hurry. Not much business had been looked for in cut flowers, but orders came along, as most of the dealers were cleaned up Saturday, and before many hours the retailers found that stock of all kinds was scarce. The wholesalers had to get after the growers to get some stock down on the late express to help out.

There is an unusually large amount of boxwood and red ruscus being worked up into wreaths and all hands in the stores are busy getting a stock ahead for the rush. Red immortelles are selling well and statice is being used to good advantage. The retailers are much alive here and all are trying their best to get all out of the holiday business that they possibly can.

Cut flowers will be in good supply for Christmas, as there will be a good cut of roses and carnations, and poinsettias are to be had in quantity, as are violets, valley, sweet peas, etc. There will be no shortage on anything excepting red carnations, Beauties and red roses.

Various Notes.

Robt. Jean, of the Scribner Floral Co., has his two autos busy all the time these days picking up stock and delivering his orders. He has one rig on the pick-up and the other looks after his large deliveries.

Louis Charvat is thinking about ordering a Ford delivery car to use in connection with his rapidly growing business.

Murray Patterson is making good use

WHEN IN A RUT

The Only Thing to Do Is to Climb Out

If you are using ribbons and chiffons that do not just suit you, qualities that are wanting in attractiveness—

The only thing to do is
Write for Samples of Pine Tree Ribbons Today.

These are beautiful, lustrous, rich toned silk qualities, sold direct from mill to florist—

No Jobber's Profit to Consider.
Chiffons are Direct Importations from France.

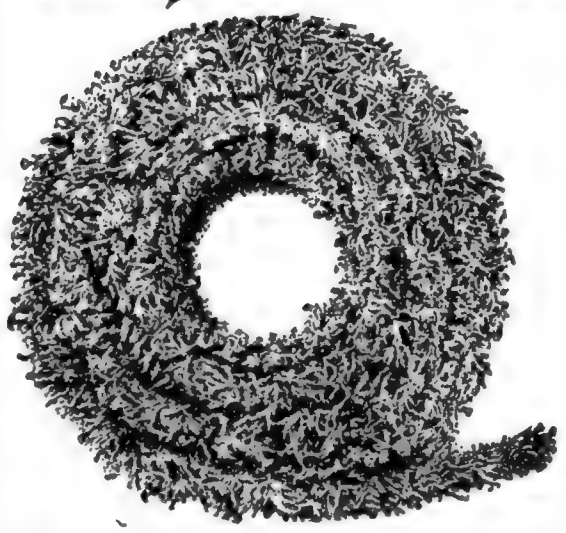
We guarantee giving you the best values in the country at lowest prices and liberal discounts. Surely it is to your interest to write on a post card:

"SEND SAMPLES OF RIBBONS AND CHIFFONS"

The Pine Tree Silk Mills Co.
PHILADELPHIA

Mention The Review when you write.

Bouquet Green Wreathing



Extra well made and good medium weight.

Write us before buying. We are headquarters.

C. C. Pollworth Co., Milwaukee, Wis.

Mention The Review when you write.

A MERRY CHRISTMAS and
A HAPPY NEW YEAR

TO OUR CUSTOMERS. MAY THE NEW YEAR BRING PROSPERITY TO YOU

THE ROBERT CRAIG CO., 49th and Market Streets, PHILADELPHIA

Mention The Review when you write.

The Florists' Supply House of America

WISHES its thousands of florist friends in every state of the Union, and in the Dominion of Canada,

A Merry Christmas and

A Happy and Prosperous New Year

and hopes it has been a season of prosperity to you.

We want to thank you for the generous patronage and confidence that has made Nineteen-Eleven our banner year.

We have tried to merit your support by offering you the finest, as well as the largest, assortment of Florists' Supplies that has ever been gathered together from the four corners of the world; you have responded nobly and we thank you with hearty good will.

To those whose friendship we trace to Our Silent Salesman, we wish to say, that our new friends will receive the same courteous consideration that has won and held for us the confidence of so large a number of the florists in America.

We ask to make Nineteen-Twelve surpass the year just ending, believing that by so doing you will increase your business and your profits as well as ours.

Again thanking you, with the assurance that no effort will be spared to execute the orders you may entrust to us, we remain,

Faithfully yours,

H. BAYERSDORFER & CO.

1129 Arch Street, PHILADELPHIA, PA.

Ferns——Galax——Moss

HEADQUARTERS FOR SOUTHERN WILD SMILAX

$3.00, $4.00 and $5.00 per case.

New Fancy Ferns
Per 100.....20c Per 1000.....$1.50

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000..... 5.00

Boxwood
Per lb.....20c Per case of 50 lbs.... 7.50
Per case of 100 lbs.....$14.00

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000.....$7.50

Green Galax Leaves
Per 1000..... 1.00 Per 10,000..... 7.50

Mexican Ivy
Per 100.....75c Per 1000..... 6.00

Green Sheet Moss
Per bundle.....$1.00 10 bundles ....$ 9.00
25 bundles..... 21.00

Sphagnum Moss
Large bales.....$1.50 per bale

SPECIAL PRICES ON LARGE QUANTITIES.

Imported Bronze and Green Magnolia Leaves, $2.00 per basket
Everything in Florists' Supplies

Full Line of Cut Flowers and Other Greens at All Times.

C. E. CRITCHELL, Wholesale Commission Florist, 34-36 East Third Ave., **Cincinnati, Ohio**

Mention The Review when you write.

Long Needle Pines. Magnolia Foliage and Magnolia Leaves. Natural and Fadeless Green Sheet Moss. Southern Wild Smilax.

Give us a TRIAL order—the OTHER orders will take care of themselves. We guarantee to ship you the BEST Southern Decorative Evergreens on the market. Stock cut and shipped within twenty-four hours after your order is received. Write, wire or Phone.

CHAS. S. LEE & CO., - - Evergreen, Ala.

Mention The Review when you write.

of his new Ford delivery car, and says there is nothing like an auto to get over the ground.

Carey & Fell find the greenhouse in connection with their store a big help these days.

The Detroit Floral Co. reports a big business already booked for Christmas.

E. A. Fetters has rented an extra floor over his store for the holiday rush.

J. F. Sullivan has his new sorting room, in the basement underneath the rear of his store, all ready for business.

Albert Pochelon, of the L. Bemb Floral Co., has had his force working nights for the last week. He is glad this will be his last Christmas where he is, as February 1 he expects to move into his own new building, now being erected at the old stand on Bates street.

M. Bloy is glad he has his Packard auto these days, as it helps him greatly in getting his orders delivered on time.

Thos. F. Browne has his new boiler shed finished and the masons have just finished his new stack, which is 115 feet high.

Albert Stahelin will pick from 12,000 to 15,000 carnations from his movable houses for Christmas.

Fred Breitmeyer cut 10,000 roses last week and expects to do better this week.

A. Von Boeselager, of Mt. Clemens, who ships his output to the L. Bemb Floral Co., has a nice cut of roses, carnations and peas, and will also have some choice poinsettias.

The Michigan Cut Flower Exchange has cleaned up two cars of holly and now has all hands busy shipping ferns and boxwood.

Chas. Plumb opened his elaborate new office and distributing department Saturday, December 16. Elaborate is a term not often used in connection with

All Ready for Christmas


FANCY

WE HAVE selected some of our best stock for Christmas orders and can ship you the best Ferns to be had in the market.

Price List on application.

P. S.—We still have a few Xmas Trees left.


DAGGER

L. B. BRAGUE & SON, {Established 1867} **Hinsdale, Mass.**

Mention The Review when you write.

IN THE SWIM

I must be in the swim,
You might forget my name,
And say I was to blame,
If you do not get the best.
So write—I'll do the rest.

Christmas Trees, Spruce or Balsam from 1 foot to 30 feet, in any quantity, also **Baled Spruce, Balsam** and **Hemlock Boughs,** by bale or carload, **Laurel** and **Evergreen Festooning** and **Wreaths, Sphagnum Moss,** hardy cut fancy and dagger **Ferns.** Yearly contracts made for them.

——Send for Price List.——

H. J. SMITH, Hinsdale, Mass.

J. H. VON CANON & COMPANY

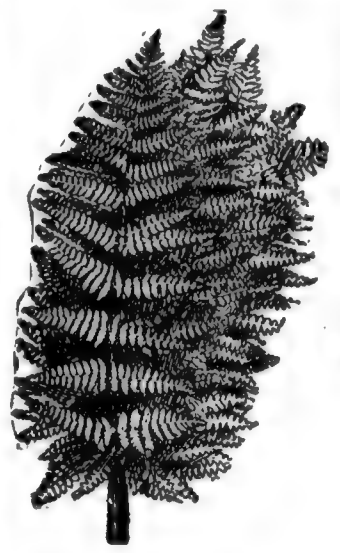


Evergreens Fresh From The Woods

Galax, Green, 50c per 1000; $4.00 per case of 10,000.
Galax, Bronze, 50c per 1000; $4.50 per case of 10,000.
Ferns, Fancy, 80c per 1000; $3.50 per case of 5000.
Green Leucothoe, regular lengths, $1.75 per 1000.
Green Leucothoe, 10 to 16-inch, $1.00 per 1000.
Bronze Leucothoe, 10 to 16-inch, $1.75 1000; regular lengths, $2.75 1000. Cash with order.



Wire Us
Elk Park, N. C. **BANNERS ELK, N. C.**

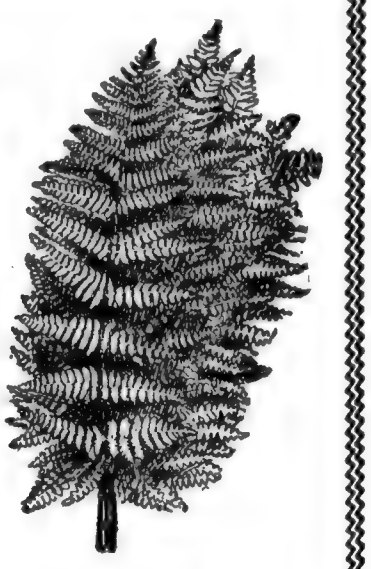


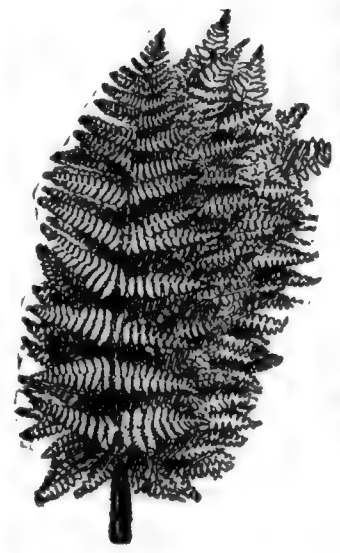
Fancy Ferns

Finest stock in the country

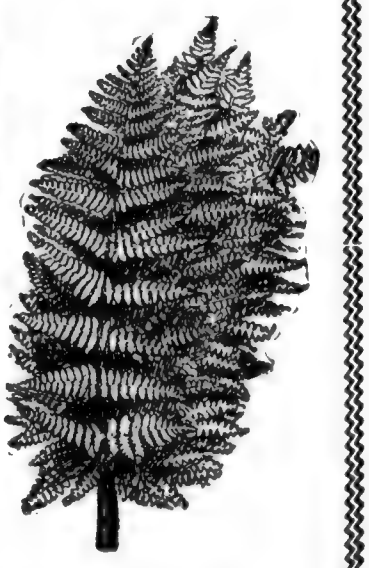
$1.50 per 1000 Discount on large orders. **$1.50 per 1000**

Place your standing orders with us.
Full supply all the year around.





Imported green and bronze Magnolia Baskets, $2.25; 6 baskets	each, $2.00
Galax Leaves, green and bronze	per 1000, 1.25
Green Leucothoe Sprays, extra fine	per 1000, 7.50
Boxwood	per lb., 20c; per case, 50 lbs., 7.50
Wild Smilax	50-lb. case, 5.00
Sphagnum Moss	large bales, 1.50



Full supply Cut Flowers at all times.

Michigan Cut Flower Exchange

38-40 Broadway, Detroit, Mich.

Mention The Review when you write.

ESTABLISHED 1898.
SMITH'S GALAX LEAVES
LEUCOTHOE SPRAYS
are Standard.

WM. C. SMITH
Marion, North Carolina
Ask for Smith's Galax and Leucothoe. Distributors in Boston, Providence, New York, Philadelphia, Baltimore, Washington, Pittsburgh, Cleveland, Detroit, Chicago, Milwaukee, St. Louis and Cincinnati.

Mention The Review when you write.

WHOLESALE



Galax, Ferns, Leucothoe



—Ask for Price List—

The North Carolina Evergreen Co., - Banners Elk, N. C.

Mention The Review when you write.

J. A. YATES

South's Quickest Shipper.
All Kinds of Decorative Evergreens.
Wire or write.
SATISFACTION GUARANTEED.

J. A. YATES. McWilliams, Ala.

Mention The Review when you write.



FINE EVERGREENS

Ferns and Leucothoe Sprays a specialty.
Get our price list before ordering.

F. H. STINSON, Banners Elk, N. C.



Mention The Review when you write

a wholesale flower establishment, but Mr. Plumb's latest addition is entitled to the use of the word. It has a frontage of over 100 feet, which is in the form of a display room for plants. The building is of colonial design.

Chas Keller last week bought a delivery auto from the International Harvester Co.

The writer called up several of the big plant growers the first part of the week and found they were completely sold out. Indications all point toward a record-breaking Christmas.

Although a meeting of the Detroit Florists' Club was scheduled for December 18, none was held, owing to the holiday business. The executive committee for the January show held meet-

1887--1912

SOUTHERN WILD SMILAX

Caldwell The Woodsman Co.

Everything in Southern Evergreens.

EVERGREEN, ALA.

Mention The Review when you write

With stock as good, not better, and prices as low, not lower, than other jobbers, I solicit your weekly order.

G. J. Walker, Dealer in Fancy and Dagger Ferns

Savoy Centre, Mass.

Mention The Review when you write.

FERNS and GALAX New crop, fresh from the patch.

Fancy and Dagger Ferns, 70c per 1000.
Green and Bronze Galax, 50c per 1000.
Green Leucothoe Sprays, $2.00 per 1000; short, 12 to 16-in., $1.00 per 1000.
Discount on large orders. 10 years' experience. Cash with first order.

R. L. HODGES, Banners Elk, N. C.

Mention The Review when you write.

We are now shipping

Southern Wild Smilax

Natural and Perpetuated

SHEET MOSSES

E. A. BEAVEN, - EVERGREEN, ALA.

Mention The Review when you write.

ings December 17 and 27. Mr. Dilger, show manager, reported that considerable space had already been sold for display banners. H. S.

ST. LOUIS.

The Market.

The market was in fairly good condition last week. There was not a great amount of stock coming in, but there was about enough to cover the demand for the local trade, which was not so brisk as they would like to see it. Of course a great deal of business is expected the latter part of this week and preparations have been made for the rush by all of the leading retailers.

The wholesalers are reluctant to predict the amount of stock that they expect and say that both supply and prices will depend upon the weather. The prices during the week were not too high, the best grade in carnations bringing 4 cents, with a good demand. Good red were scarce, but there were plenty of white and Enchantress.

Roses seem plentiful in all grades, with 10 cents as top price for fancy stock. Beauties are scarce, while violets have been plentiful all the week and in good demand at from 40 to 75 cents per hundred in small lots. Should the weather be clear during this week, these will be plentiful by Saturday and Sunday.

There was quite a glut in Paper Whites last week and they sold as low as $2 per hundred in small lots. Romans were also plentiful. Valley and lilies held their own as to price and demand. From the looks of the retailers' show houses, a great sale on plants of all kinds is expected.

Club Meeting.

The regular monthly meeting of the Florists' Club was held Thursday afternoon, December 14, with a splendid attendance. Much enthusiasm prevailed and the afternoon was most enjoyable.

Thomas Carroll, one of the first carnation growers in this vicinity, visited the club after an absence of ten years. Some years ago Mr. Carroll became blind, and his old friends were so glad to see him again that they got together and made him a Christmas present of $15.

Wm. F. Nichol, of the St. Louis Seed Co., and A. G. Butterfield, of Farmington, Mo., were elected to membership.

Baur & Steinkamp exhibited a fine vase of their new carnation, St. Nicholas, and a committee consisting of Messrs. Ammann, Fillmore and Schneider recommended it as a "red carnation of good color and stem, and a good commercial variety." W. F. Widmer, of Highland, Ill., showed a well grown plant of Begonia Gloire de Lorraine.

Out-of-town members present were: J. F. Ammann, M. F. Widmer, E. W. Guy, John Connon, W. E. Ogle, Hugo Werner, Perrie Schneider, W. A. Rowe and George Hecht.

Various Notes.

The Retail Florists' Association held a pleasant meeting Monday evening, December 11. The attendance was quite large. A credit system was talked of and a committee appointed to report at the next meeting. A general talk on Christmas business wound up the affairs of the evening.

Guy Reburn, of A. Henderson & Co., Chicago, was with us all last week.

FANCY OR DAGGER FERNS

$1.00 per 1000. Write for prices on large orders.

Galax, 75c per 1000; $6.50 per case of 10,000. **New Bronze** now ready, write for prices.



Tel. Office, New Salem, Mass.
L. D. Phone Connection.

MILLINGTON, MASS.

Try our **Boxwood,** it's the finest that grows; no waste; 50-lb. case, $7.50.
Laurel Festooning, the best, 4c, 5c and 6c per yard.
The finest **Laurel Wreaths** made, $3.00 per dozen.
Branch Laurel, 35c for large bundle.
Sphagnum Moss, $4.00 per bale.
Bouquet Green, 8c per lb.
Southern Smilax, $5.00 per case of 50 lbs.
Green Moss, $1.25 per bbl.
Partridge Berries, 10c per bunch of 50 sprays.

A Special Lot of GROUND PINE, only $6.00 per 100 lbs. First come, first served.

CROWL FERN CO., : Millington, Mass.

Sprays - - Ferns

NEW CROP, FRESH FROM THE PATCH



Fancy and Dagger Ferns, $1.00 per 1000.
Long Green Leucothoe Sprays, $2.50 per 1000.
Short Green Leucothoe Sprays, $1.25 per 1000.



Bronze Leucothoe Sprays, assorted lengths.....$3.50 per 1000
Bronze Galax..... .50 per 1000
Green Galax..... .45 per 1000
Hemlock Sprays ..... 1.50 per 1000
Rhododendron Sprays ..... 2.00 per 1000
Mountain Laurel Sprays..... 1.50 per 1000

Discount on large orders. Eighteen years in the business. Send me your orders.

J. N. PRITCHARD, Elk Park, N. C.

Mention The Review when you write.

Surplus Fresh Stock

BULK LYCOPODIUM

The best price on the market

Also LAUREL WREATHING

BASH'S SEED STORE

141 N. Delaware St., INDIANAPOLIS, IND.

Mention The Review when you write

Southern Decorative Evergreens

50-lb., full weight, extra select case

WILD SMILAX, $1.75

Chattahoochee Floral Company,

Hatcher Station, Ga.

Mention The Review when you write.

Illinois Self-Watering Flower Boxes

are gaining popularity every day. Send for our booklet and learn about a proposition that every live florist should understand.

American Metal Box Co.

2005 Michigan Ave., - CHICAGO

Conard & Jones Co., West Grove, Pa.
Agents for New York, New Jersey and Penna.

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Studebaker

DELIVERY WAGONS

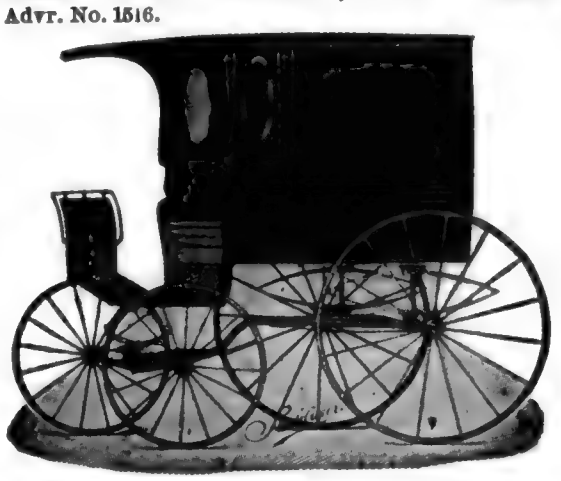
Can Be Bought for Only a Little More Than It Will Cost You to Have Your Old Wagon Repaired.

WILL YOU LET US PROVE IT?

THE STUDEBAKER CORPORATION

SOUTH BEND, IND.

Advr. No. 1516.



Mrs. Fred H. Meinhardt, who has been seriously ill for the last ten days, is reported out of danger and will soon be up and about again.

Gullett & Sons, of Lincoln, Ill., made quite a large shipment of cyclamen and azaleas to the trade here and they arrived in splendid shape.

At a recent meeting of the executive board of the St. Louis Horticultural Society, it was learned that the loss of the last show would reach $1,500, and that the chances for a show next year are decidedly slim.

Otto Sander, who came into possession of the vase of St. Nicholas carnations after the meeting, claimed that they looked much better the next day and says he thinks it is one of the best reds for the retail trade. Mr. Sander has a most attractive Christmas window decoration.

George Waldbart's place on Grand avenue last week had one of the grandest poinsettia plant displays ever seen here. Mr. Waldbart says he expects a large business for Christmas.

C. A. Kuehn's new store is fast shaping itself and at the opening, December 13, the visiting trade who had not seen it were all surprised at the admirable arrangements and conveniences for the buyers.

President Robert J. Windler, of the Florists' Club, says that after New Year's he will call an officers' meeting and lay out a program of essays and discussions for each meeting till the end of his term in August.

Fred H. Weber and the Ellison Floral Co. say they had quite a good deal of party work and dinners during last week and are looking for a big rush of business for this week. J. J. B.

Want and For Sale Department

Advertisements under this head 10 cents per line, cash with order from all who do not do other advertising. In sending remittance count seven words to the line.

Display advertisements in this department $1.00 for one inch space.

When answers are to be sent in our care, add 10 cents for forwarding.

Plant advertisements not admitted under this head.

SITUATION WANTED—As working foreman; German, single, age 36; life-time experience; A-1 reference. Address J. L., 909 Jessamine St., St. Paul, Minn.

SITUATION WANTED—By first-class grower of roses, carnations, mums, etc.; life experience; single, sober; takes interest in his work; able to take charge. Address No. **204**, care Florists' Review, Chicago.

SITUATION WANTED—By young man, 27 years old, competent to manage store or greenhouse or both; an A No. 1 designer and decorator; ready to accept position on or about May 1. Address No. **201**, care Florists' Review, Chicago.

SITUATION WANTED—By experienced working foreman, grower of fine roses, carnations, mums, bulbs, general all-round stock, good designer; age 48; best references; good wages. Florist, 275 Magnolia St., Detroit, Michigan.

SITUATION WANTED—By competent and energetic man as superintendent of park or private estate; am up-to-date landscape gardener and architect; best references. Address A. P., 1716 Rutland Ave., Baltimore, Md.

SITUATION WANTED—By young man, 23, single; experienced in cut flowers, bedding plants, propagating; faithful and industrious; nondrinker; can take charge small place. Address No. **208**, care Florists' Review, Chicago.

SITUATION WANTED—By competent grower of roses, carnations and bedding plants; good design worker; small fruit and vegetable grower; American, married, small family; strictly sober, honest, reliable. Address No. **206**, care Florists' Review, Chicago.

SITUATION WANTED—By A1 rose grower (teas, tea hybrids and Beauties) to take charge of large section or range; also competent in other cut flowers and choice pot plants; German, single, 27 years old; please state wages. Address No. **185**, care Florists' Review, Chicago.

SITUATION WANTED—By experienced saleslady and designer. Address No. **212**, care Florists' Review, Chicago.

SITUATION WANTED—By practical all-round florist; good propagator and grower; thorough and competent; references; retail places preferred. Address No. **213**, care Florists' Review, Chicago.

SITUATION WANTED—By a young man, a graduate from a horticultural school, four years' practical experience in flower and vegetable growing; want a position as a first-class assistant on a private or commercial place. Address No. **210**, care Florists' Review, Chicago.

HELP WANTED—Experienced saleslady at once. J. W. Niesen, 304 E. 47th St., Chicago.

HELP WANTED—Young greenhouse man for work in wholesale house. Address No. **197**, care Florists' Review, Chicago.

HELP WANTED—A good all-round greenhouse man; a man of experience; can use him at once; we want no drinking man. The Newburys, Mitchell, S. D.

HELP WANTED—A young lady florist, good saleslady and designer, one who is capable of taking charge; references. Address No. **189**, care Florists' Review, Chicago.

HELP WANTED—At once, good grower of roses, carnations, chrysanthemums and general potted plants for retail place. Address No. **194**, care Florists' Review, Chicago.

HELP WANTED—A good all-round man, one who thoroughly understands growing and watering; married man preferred; reference. Address No. **192**, care Florists' Review, Chicago.

HELP WANTED—Florist, single young man; state experience, whether absolute abstainer, age; permanent position to the right man; American preferred. Address No. **215**, care Florists' Review, Chicago.

HELP WANTED—Young man, experienced in design work; need not wait on trade; good opening, in Chicago, for young man who is willing to work seriously. Address No. **190**, care Florists' Review, Chicago.

HELP WANTED—In the west, good all-round florist; must be able to produce the goods; must be sober and industrious, capable of taking entire charge; reference; steady position for right man; state wages. Address No. **209**, care Florists' Review, Chicago.

HELP WANTED—Experienced working floriculturist, thoroughly familiar with cut flowers, potted plants and landscape gardening; state age, nationality, education and experience; furnish first-class reference; position all year around; salary $50 per month and residence. Apply to H. W. Geller, Woodbine, N. J.

WANTED TO RENT—Or buy on easy terms a greenhouse plant in good condition. Address No. **205**, care Florists' Review, Chicago.

FOR SALE—Richmond boiler, 11 twin sections, rated 5500 sq. ft. radiation, for steam; this boiler is as good as new, used two seasons, everything complete, automatic damper; $450.00 cash. F. o. b. cars, Swarthmore. The Swarthmore Fernery, Swarthmore, Pa.

FOR SALE—A good live business and stock in an up-to-date lively factory town of 6000; will lease modern residence, greenhouses and land for a term of years; only those who mean business need to reply; southern Michigan. Address No. **134**, care Florists' Review, Chicago.

FOR SALE—2 greenhouses, 6000 ft. glass, 12 acres land, 7-room dwelling; all inside city limits, pop. 6000; all in good repair and planted for winter trade; no competition, good retail trade; price $7500, ⅓ cash. For particulars address Willmar Greenhouse, Willmar, Minn.

FOR SALE—Well established florist business in Wisconsin village near two of the best summer resort lakes in the state; excellent lake trade, plenty of landscape work; modern residence, electric lights, hot water heat, hard and soft water in house; barn, greenhouse, poultry house, fruit, etc.; a good place for right man; price $5,000, $2,000 down, balance on easy terms. Address No. **214**, care Florists' Review, Chicago.

FOR SALE—Well established florist business in town of 10,000, with good resort trade; 9,000 ft. of glass in two modern King Construction Co. houses; Kroeschell hot water boiler; well stocked for winter and in good shape; we operate a store in a good location downtown, which we will rent if desired; greenhouse plant, with lease on land, $5,000; will also sell residence and land, if desired; write for details and a photo of plant, or call and investigate for yourself. The Flower Shop, Chas. S. Dutton, 24 W. 8th St., Holland, Mich.

FOR SALE—5 greenhouses in a famous summer resort on the Jersey coast; 2 acres of good land with cottage heated throughout; 25 acres of nursery on leased land and a good landscape business, keeping 10 men employed; six horses, wagons, barn, sheds and all kinds of implements to work with; everything in first-class running order; greenhouses, built by Lord & Burnham, well stocked with carnations and bedding plants; packing cellar 100 feet long; nurseries planted with shade trees, California privet and 5000 Norway maples; do a large wholesale business in hedge plants, and landscape work; will sell all or any part of business on easy terms; one hour from New York city by boat or train; only those with a fair amount of capital need apply. For further information apply to J. B., Middletown, N. J.

FOR SALE—3½-inch flues at 5c per foot, 2¾-inch flues at 4c per foot; cleaned. I. G. Stahl, Florist, 2534 E. 91st St., Chicago.

FOR SALE—My Seedling Transplanter; with it you can set in 5000 plants per day; send for circular. Albert A. Sawyer, Forest Park, Ill.

FOR SALE—Fine lot of second-hand 2-inch and 3-inch pipe, guaranteed sound; write for prices. Baur Gas Company, Eaton, Indiana.

FOR SALE—Well established floral wire design business in Chicago, doing a $2,000 to $2,500 business per year; could be increased; terms reasonable. For further information address No. **202**, care Florists' Review, Chicago.

FOR SALE—Live, paying, retail florist business, established forty years; city of thirty thousand population; twenty-five miles from New York city; no greenhouses; price low. Address No. **207**, care Florists' Review, Chicago.

FOR SALE—The long established florist business of John E. Haines, Bethlehem, Pa., recently deceased; 24,000 feet of glass; the business is now successfully and profitably conducted by his executor, but must be sold to carry out the provisions of his will. L. F. Leibfried, Executor, Estate of John E. Haines, dec., Bethlehem, Pa.

FOR SALE—46,000 ft. of glass, stocked with carnations, roses, violets, mums and plants; 26,000 ft. just built; good six-room house and barn, seven acres of land, team, wagons and tools; city of 10,000, good location for wholesale and retail trade, 100 miles from Kansas City; price $15,000, small cash payment, terms to suit purchaser at 5% interest on balance. Address No. **203**, care Florists' Review, Chicago.

Cash For Your Property or Business. I bring buyer and seller together, no matter where located. If you want to buy or sell, address **FRANK P. CLEVELAND, 2700 Adams Express Building, Chicago, Ill.**

HELP WANTED

A young man as a helper, who has had some experience in a commercial place. Position open January 1st. Send references and salary expected in first letter.

Hayman Greenhouse Co.
Clarksburg, W. Va.

BARGAINS in **Return Steam Traps, Reducing Valves, Blow-Off Valves, Water Circulators**

Robt. Ross Jones
HARRISBURG, PA.

WANTED ON SHARES

Good greenhouse establishment. Over 18 years' all-round experience in all branches on best wholesale and retail places; capable of taking full charge and making a good place pay, capable of earning twenty-five hundred dollars a year, which speaks for my ability. Do not drink; married. If you wish to retire and want a hustler and good business man to run your place, write me. References exchanged. East of Ohio preferred. Address No. 211, care Florists' Review, Chicago.

Nursery for Sale

The old, well-established "Oak Grove Nursery," for years conducted by William B. Reed at Chambersburg, Pa. Seven greenhouses 18x130 ft. each, steam-heated, with about 20,000 2 and 3-yr.-old roses.. Inquire of

JOHN M. McDOWELL, Executor
Chambersburg, Pa.

Wire Workers TAKE NOTICE!

Mr. H. W. Fachmann, for many years in the florists' wire design business in the city of Indianapolis, Ind., now offers the same for sale.

This is a good live proposition, with plenty of custom work and no opposition. Any good workman who wishes to get into an established business and be his own boss, here is your chance.

Reason for selling, I have some patents which I wish to put on the market.

EXCELSIOR WIRE WORKS
537 Mass. Ave., Indianapolis, Ind.

BEST FRENCH SEED.

Radish, Scarlet Globe; Self-Blanching Celery; Lettuce, Improved Big Boston (quality extra), Black Seed Big Boston, Beaulieu's Forcing, 45 head fill up a barrel; Beaulieu's Globe White Tipped Forcing (⅓ pink, ⅔ white) new radish; White Tipped Scarlet turnip; Beet, Detroit, Crosby; long smooth parsley, large rooted, extra; Spinach, Savoy, Viroflay, Triumph, etc.; Endive, Curled and Escarolle. All this has been selected by myself and is the quality as used by the market gardeners of Paris. Send for prices.

BEAULIEU,
Woodhaven, Borough of Queens, New York.
Mention The Review when you write.



Watch for our Trade Mark stamped on every brick of Lambert's

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

P. C. Trade Mark. **American Spawn Co., St. Paul, Minn.**
Mention The Review when you write.

Vegetable Forcing.

FORMALDEHYDE FOR STERILIZING

Can you advise me as to sterilizing a solid bed with formaldehyde? What quantity would be necessary for a bed 15x75 feet, and how soon after sterilizing would it be safe to plant lettuce plants? I use hot water heat and so cannot sterilize with steam. A. M. S.

Use one quart of formaldehyde to fifty gallons of water. Put it on with a sprinkling can, and do it slowly, so it will soak in deeply. I would advise spading up the soil first, so as to have it all ready to plant. Probably two quarts will answer your purpose. I would not put the plants in until next day, when the fumes are all out of the house. H. G.

TOMATO BLOOMS DROP OFF.

You will find enclosed a spray of my tomatoes. Please tell me what is wrong with them. What causes the blooms and buds to drop off as they do? In clear weather I keep a temperature of 71 to 72 degrees, with air on, and at night I run it at 60 to 62 degrees. In cloudy weather the day temperature is about 68 degrees, with air on. I smoke with tobacco stems. For a short time back I have noticed some thrips in the house and have given a medium strong smoking about every other night. My soil was mixed as usual for tomatoes and they are kept a little on the wet side. I hope you can state the cause and remedy at the earliest possible date.

M. E. A.

The tomato blooms were moldy when received, but they may not have been so when sent. They will often decay and rot off if they are wet in watering the plants in the short days in winter.

It is, however, more likely that the blooms are not fertilized or pollinated, as that is the cause in most instances. Go over your plants every day about noon, the hottest, driest time of the day, and tap each stalk several times with a little stick which has cloth wound around it, to prevent injury to the stalk. Give them several sharp taps near the blooms and you will plainly see the pollen falling from the blooms. Much of the falling pollen will drop on the protruding points and the blooms will thus be fertilized. Some growers use a camel's-hair brush, also, to touch each bloom, dipping the brush in a spoon which is held under the blossoms when shaken, to catch some of the pollen. This method is surer, but I have never found it necessary, if the simple tapping is followed as it should be each day. In the tomato both sexes are in the same blooms, so every one should make a fruit if fertilized.

Your temperature is good, but you cannot get the thrips with tobacco stems and may injure the blooms with the smoke, if it is too heavy. Nicotine extract, put on the pipes, will bring down the thrips better than anything else I know of. Do not wet the foliage when watering. H. G.

Livingston's Select Extra Early White Spine Cucumber

is of unequaled purity. Vines are thrifty and great bearers of straight, smooth pickles of remarkable earliness and uniform size, shape and lasting color. Unsurpassed for slicing, a trade-winner. Our "private strain" has been the best by test for over twenty years. Try it. **Oz., 10c; ¼ lb., 35c; lb., 95c; postpaid.**

Davis Perfect. Handsome fruits of fine shape and good color. Re-selected stock. **Oz., 10c; ¼ lb., 30c; lb., $1.10; postpaid.**

Vickery Forcing. Uniformly dark green. A great bearer. **Pkt., 10c; oz., 35c; ¼ lb., $1.10; postpaid.**

Rawson's Hothouse. Handsome, deep green fruits. Longer than ordinary White Spine. **Pkt., 10c; oz., 45c; ¼ lb., $1.25; postpaid.**

Wholesale and Retail Catalogues ready now. Address inquiries and orders to

The Livingston Seed Co., Desk R, Columbus, Ohio



Mention The Review when you write.





BEHRE'S IMPROVED MODEL

STEM-ER

Patent applied for.

A time-saver to the extent of lessening over 50% of the labor, together with the grace in which the leaves and flowers can be set by the firm hold the Stemmer has upon them, **making them an article of perfection.** They are now being used by leading designers.

Prices: From 1000 to 5000 at 75c per 1000; 10,000 lots at 70c; 25,000 lots and over at 65c. At your dealer's or direct from the factory.

E. H. BEHRE, Madison, N. J.
Mention The Review when you write.

CUT FLOWER AND DESIGN BOXES



All Sizes—Lowest Prices

WRITE US

C. C. Pollworth Co.
MILWAUKEE, WIS.
Mention The Review when you write.

Special to the Trade

We make a specialty of growing all kinds of Vegetable Plants for the Seed and Plant Trade, including the best varieties of Forcing Tomatoes, Asparagus, Cauliflower, Egg Plants, Peppers, Parsley, Lettuce, Cabbage, etc. Special prices made on large orders for spring delivery. Let us know your wants.

We have a fine lot of Tomato Plants, transplanted and potted: Comet, Lorillard, Bonny Best, Sutton's A-1, Sutton's Abundance and Winter Beauty, also Extra Early Erfurt and Snowball Cauliflower.

Fox-Hall Farm, R. F. D. No. 2, **Norfolk, Va.**
Mention The Review when you write.

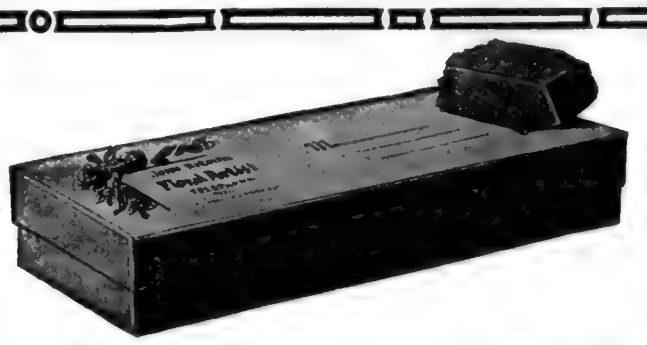
CUT FLOWER BOXES

and FIBER SHIPPING CASES

It will pay you to get our samples and prices before ordering.

THE J. E. SMITH CO.

6-8-10-12 N. Central Ave., Baltimore, Md.



SEFTON FLORISTS' BOXES

CORRUGATED DESIGN STYLE AND FOLDING CUT FLOWER BOXES

Florists' success in shipping flowers depends to the greatest extent upon the point where their interest ceases in the sale of flowers. The progressive, prosperous florist retains his interest in a customer's order until it reaches destination, and for that reason he is careful to select the proper style and grade of box to insure safe delivery of his flowers.

Particular Florists are users of **Sefton Corrugated Fibreboard Boxes** for the shipment of Floral Designs as well as our superior line of **Folding Cut Flower Boxes.** They know from experience that Sefton Boxes combine high quality with low price and make neat, attractive packages which carry the flowers safely to destination. **Write for our Flower Box Price List.**



THE SEFTON MFG. COMPANY
1333 W. 35th ST., CHICAGO, ILL.
FACTORIES: CHICAGO, ILL. ANDERSON, IND. BROOKLYN, N. Y.



Order Boxes Now

for your Holiday Trade. They will pay for themselves in saving of time and material, and your shipments will be delivered to your customers in perfect condition.

Send for Information

Lord Plant Box Co.

524 Andrus Bldg., MINNEAPOLIS, MINN.

Mention The Review when you write.

BETTER BOXES

are our constant aim. Made to your special order—any size, shape or design, lined or unlined. Ask for particulars today.

Phone Dearborn 423

H. SCHULTZ & CO., Superior and Roberts Sts., **Chicago**

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CUT FLOWER BOXES

EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

Always mention the Florists' Review when writing advertisers.



H. & D. FLORISTS' BOX

Universally used for shipping cut flowers and designs. The dead-air cells form a perfect non-conductor of heat and cold, thus preserving contents much longer than ordinary wood box.

H. & D. Florists' Box can be used several times. Is much lighter than the ordinary box, thus saving in express charges.

Write for Catalogue
"HOW TO PACK IT"

THE HINDE & DAUCH PAPER CO., Sandusky, O.

Mention The Review when you write.

Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$1.90 per 100
No. 1	3x4½x16	1.75 per 100
No. 2	3x6x18	2.25 per 100
No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x26	4.00 per 100
No. 7	6x16x29	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x30	6.25 per 100
No. 11	8½x5x30	8.25 per 100
No. 12	6x12x39 (telescope)	10.00 per 100
No. 13	5x10x30	5.50 per 100
No. 14	6x16x39	10.00 per 100

This list will cancel all former lists.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

LIVINGSTON SEED CO.
COLUMBUS, OHIO

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CLIMAX CLASSY CUT FLOWER BOXES

Five Grades—Oxford Gray, Mist Green, Nonpareil Green, White Carnation and our popular "Favorite Grade"—the latter a heavy, full telescope shipping box. All popular sizes in stock for immediate shipment. Before placing order, it will pay you to write for prices and samples. Address

THE CLIMAX MANUFACTURING CO.
200 Factory St., CASTORLAND, N. Y.

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J. A. VALENTINE, Denver, Pres.
Other Directors: Ernst Wienhoeber, Philip Breitmeyer, A. B. Cartledge, W. F. Gude, George Asmus, Fred H. Meinhardt.
Mutual Discounts 20 per cent.
Provision for guaranteed accounts

W. J. PALMER, Buffalo, Vice-Pres.

Florists' Telegraph Delivery
(RETAILERS' SECTION—S. A. F. & O. H.)

W. L. ROCK, Kansas City, Treas.
Write for particulars to
IRWIN BERTERMANN, Secretary,
241 Massachusetts Avenue,
Indianapolis, Ind.

BOWLING

AT TACOMA.

The club bowling team, in its last practice game, made the following scores:

	1st.	2d.	3d.	Average.
Tschunko	198	180	210	196
Miller	180	178	208	188 2-3
Hinz	180	186	158	174 2-3
Simpson	145	170	192	169
McLean	165	172	168	168 1-3
Benthien	144	163	158	155
Smith	95	120	168	127 2-3

J. L. S.

AT CHICAGO.

There was no bowling on the Chicago alleys this week, because of the Christmas rush. The scores made December 13 were:

Carnations	1st	2d	3d	Roses	1st	2d	3d
Lorman	190	179	194	Stack	139	139	144
Ayers	139	183	162	Degnan	93	112	146
Schultz	188	160	190	Freund	157	154	171
Balluff	189	189	165	Ross	133	135	167
A. Zech	164	176	161	Wolf	146	144	191
Totals	870	884	872	Totals	668	684	819

Orchids	1st	2d	3d	Violets.	1st	2d	3d
Huebner	171	195	160	Byers	214	164	133
G. Saff	167	170	167	Schloss'n	113	150	145
Krauss	144	105	161	Van Gelder	139	139	135
Farley	149	157	150	Sweeney	142	142	117
J. Zech	186	178	201	Friedman	177	148	140
Totals	817	805	839	Totals	783	748	670

AT RUTHERFORD, N. J.

The bowling scores December 13 were as follows:

Player	1st	2d	3d	Total
Richter	162	126	148	436
Teller	136	186	179	501
Hasselhuhn	153	131	157	441
Vermeulen	139	160	119	418
Latham	154	136	129	419
Clark	114	122	128	364
Billmeyer	134	112	146	392
Koyman	126	192	126	444
Muller	125	...	...	125

Immediately after New Year's the Rutherfords will bowl a match with the New Yorks.

AT MILWAUKEE.

The bowlers made the following scores at the last meeting, December 12:

Player	1st	2d	3d	Total
Walter Halliday	145	135	104	384
Roy Currie	148	104	105	357
A. Hare	112	148	114	374
W. Schmitz	163	126	144	433
P. Nohas	161	158	123	442
Gust. Pohl	177	114	109	400
F. Holton	176	142	181	499
G. Hunkel	117	130	177	424
N. Zweifel	126	186	165	477
O. Eggebrecht	117	131	139	387
L. Manos	148	121	117	386

E. O.

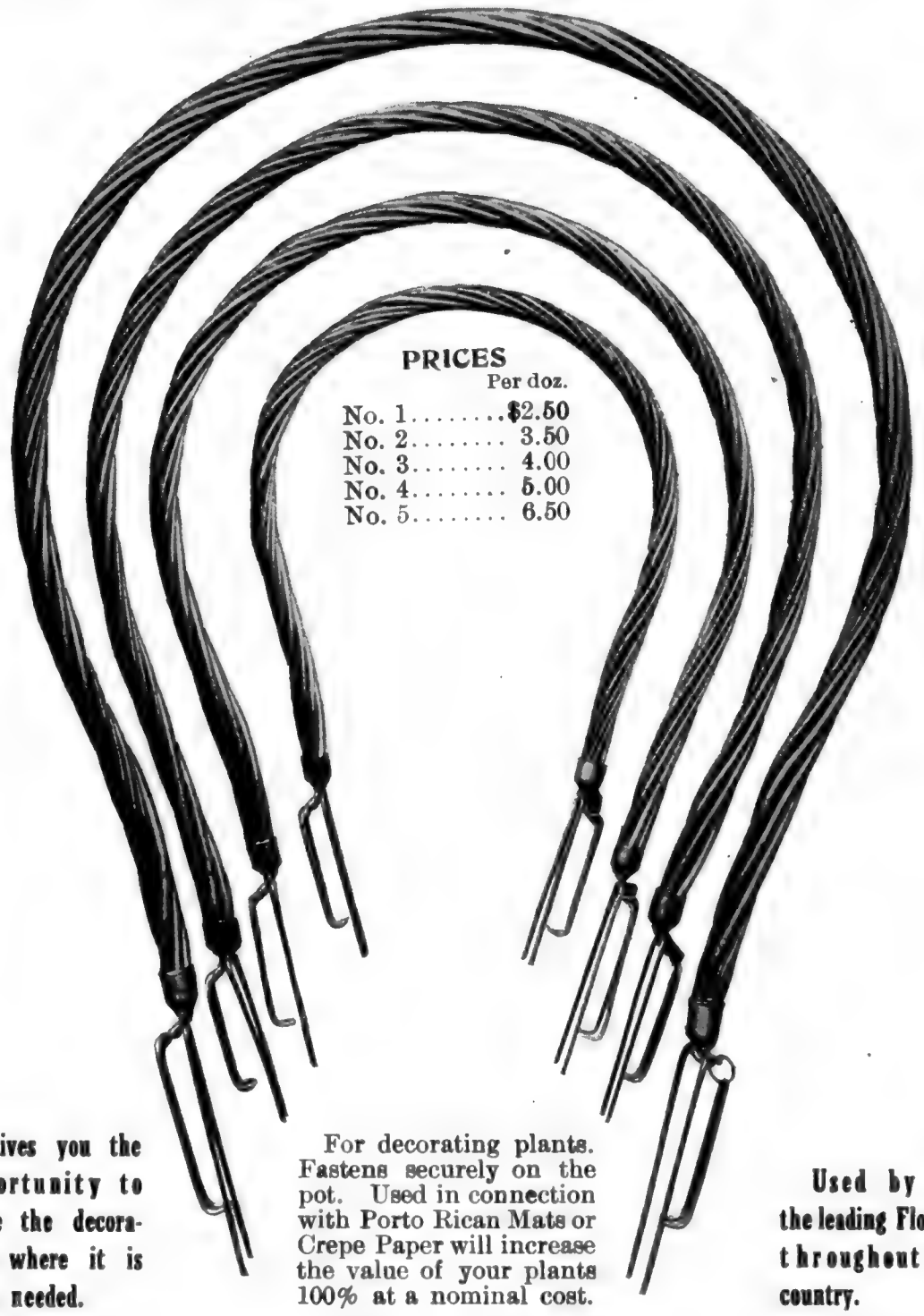
AT NEW YORK.

The bowlers made the following scores December 15:

Player	1st	2d	3d	Total
Everett	111	...	...	111
Barth	121	116	...	237
Moltz	101	124	144	369
Holt	134	139	127	400
Nugent	115	133	143	391
Shaw	144	162	172	478
Manda	197	124	154	475
Kakuda	145	151	128	424
Rickards	121	136	155	412
Chadwick	164	202	189	555

Somerville, N. J.—Anson V. Norton had a choice stock for the holidays.

Finished in Gold
HART'S HANDY HANDLE
For Christmas Plant Decoration.



Gives you the opportunity to place the decoration where it is most needed.

For decorating plants. Fastens securely on the pot. Used in connection with Porto Rican Mats or Crepe Paper will increase the value of your plants 100% at a nominal cost.

Used by all the leading Florists throughout the country.

24 to 30 Stone St., GEO. B. HART, Rochester, N. Y.

Mention The Review when you write.

Florists' Refrigerators

Write us for catalogue and prices, stating size you require and for what **kind of cut flowers** you wish to use the refrigerator; also state whether you want it for **display** or only for **storage.**

McCray Refrigerator Co. 368 Lake St. Kendallville, Ind.

Mention The Review when you write.

BUY YOUR FLORISTS' SUPPLIES FROM
L. BAUMANN & CO.
357-359 W. Chicago Ave., CHICAGO, ILL.

We have the largest and most complete stock, Sea Moss, or Japanese Air Plant; Natural prepared Ferns, Cycas Leaves, Magnolia Leaves, Cycas Wreaths, Magnolia Wreaths, Moss Wreaths, Metallic Designs and a big line of Novelties.

Mention The Review when you write.

Attica, N. Y.—Anton J. Pauly reports that he will add 16,000 square feet of glass next spring, making a total of 42,000 square feet. Carnations are his specialty, but the new addition will be used for mums and sweet peas.

Nyack, N. Y.—De Pew Bros. grow large quantities of asparagus and smilax and are considered headquarters in this locality for greens. They say these items compare favorably in profits with carnations occupying the same space.

Seven Pages of Retailers' Cards

This department for the cards of Leading Retail Florists — those florists who have the facilities for filling the orders sent them by other florists — has made possible the recent rapid development of this branch of the business, a branch of the trade now established for all time and so helpful that its volume will keep on increasing for many years.

Are you sending and receiving your share of these orders? You can send your share (and make 20 per cent profit without effort) if you let your customers know you can perform this service for them. To receive your share—well, The Review's department for Retailers' cards remains the one way of getting prompt action on the order in hand.

To be represented costs only 70 cents per week on a yearly order. This is for one-inch space. Other spaces in proportion.

Why not send your order today—**now**—before you forget it?

LOUISVILLE, KENTUCKY

JACOB SCHULZ, Flower Shop, 550 South Fourth Avenue, Greenhouses, 831 Cherokee Road.

Personal attention given to out-of-town orders for Louisville and surrounding territory. Member Florists' Telegraph Delivery

E. R. FRY, Florist
Rochester, N. Y.
I have constantly on hand a seasonable variety of fresh cut flowers, which I will deliver promptly in Rochester and adjoining towns.

KENOSHA, WIS.
and all points between
CHICAGO AND MILWAUKEE
Mail, wire or phone your orders to
P. N. OBERTIN, 567 Chicago St., KENOSHA, WIS.

Indianapolis, Ind.
241 Massachusetts Ave.
Bertermann Bros. Co.
LEADING FLORISTS
Members Florists' Telegraph Delivery Ass'n.

Lexington, Ky.
JOHN A. KELLER, Florist
High Grade Cut Flowers and Designing : : : :
All orders entrusted to us for Central Kentucky will have careful attention.

Lang Floral & Nursery Co., DALLAS, TEXAS
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

Prompt and personal attention given all orders.
MRS. J. T. HINCHLIFFE
FLORIST
504-506 Wisconsin St., Racine, Wis.

Special care taken with telegraph orders for
DETROIT AND VICINITY
L. Bemb Floral Co., Albert Pochelon, Prop., 153 Bates St.

Chas. W. Crouch, KNOXVILLE, TENN.
The Leading Florist of the South
All Orders Given Special Attention

GEO. C. BAKER, Florist
206 E. Park Ave., San Antonio, Texas

Mankato, Minn.
The Windmiller Co.
Will fill orders for Minnesota and the Dakotas.
Member Florists' Telegraph Delivery.

Newark, Ohio
CHAS. A. DUERR, The Arcade Florist
Auto. Phone 1840
Greenhouses, Granville, Ohio—Phone 26
Member Florists' Telegraph Delivery

INDIANAPOLIS.

The Market.

Preparations for Christmas are completed and a big trade is looked for. While business has not been up to former years for the last two months, it is hoped that the Christmas trade will be up to expectations. The recent cloudy weather will cause a shortage in the market, especially on carnations, which will not be more than enough to go around. The best grades are expected to bring from $7 to $10 wholesale. Roses will be in better supply, Brides and Maids bringing $15 to $20 and Killarney, Richmond and My Maryland, $20 to $25. Beauties have suffered considerably from the cloudy weather, the better grades coming only in the long-stemmed ones, which wholesale at $12 per dozen.

Poinsettias are plentiful, ranging from $1.50 to $3 per dozen. Paper White narcissi are quoted at $3 to $4 per hundred, and Easter and calla lilies go at $10 to $12.50 per hundred. Sweet peas are a little short at $1 per hundred. The orchid crop is a little limited, good blooms bringing $12 per dozen, but valley, lilies and violets are plentiful. In pot plants there is the usual lot of azaleas, cyclamen, poinsettias, Lorraine begonias, primulas, hyacinths, etc.

Various Notes.

H. W. Rieman has a lot of Proserpine tulips for the Christmas trade. He is

BUTZ BROS.
Established 1851
New Castle, Pa.
Orders executed between Pittsburg and Erie and all western Pennsylvania points.

Canada's Florist
Dunlop's
96 Yonge St., TORONTO

"WE NEVER SLEEP"
IDLEWILD GREENHOUSES, **Memphis, Tenn.**
89 South Main Street
"Up-to-the-minute" Service and Execution.
Every Flower in Season.

WILSON **BROOKLYN** New York
Telephone, 5800 Prospect

Louisville, Ky.
F. WALKER & CO., 634 Fourth Ave.

Pontiac, Ill. W. J. Miller & Son 412 E. Payson St.

All orders receive prompt and personal attention.
LOU HELEN DUNDORE, THE ROSERY
110 W. King St., LANCASTER, PA.

CORNELL and WELLS COLLEGES and
CENTRAL NEW YORK ORDERS
Dohbs & Son, Wholesale and Retail Florists, Auburn, N.Y.

CLARK, FLORIST, SCRANTON, PA. 124 Washington Ave.
Member Florists' Telegraph Delivery. Orders for Northeastern Pennsylvania filled promptly. Usual discount. Both Phones No. 2454.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Bell Main 2809
Cuy. Central 1866

The Smith & Fetters Co.

LEADING FLORISTS

735 Euclid Ave., CLEVELAND

Samuel Murray

KANSAS CITY, MO.

913 Grand Ave.

All Orders given Prompt and Careful Attention

Member of the Florists' Telegraph Delivery.

Cable and Telegraph, Franzen. Phone Rav. 2876

CHICAGO

FRANZEN

1476-78 SUMMERDALE AVE.

TRENTON, N. J.

MARTIN C. RIBSAM

THE FLORIST

Messenger delivery to Princeton, New Brunswick, Bordentown, Hightstown, Lawrenceville and Lambertville, N. J.

Send Your **PHILADELPHIA** Orders to...

CHARLES HENRY FOX

BROAD AND WALNUT STREETS

Always on time

Rockford, Ill., H. W. Buckbee

S. B. STEWART

119 No. 16th St., OMAHA, NEB.

Wholesale and retail orders for CUT FLOWERS, FUNERAL DESIGNS, etc. by telegraph will receive prompt attention at

IRA G. MARVIN'S, Wilkes-Barre, Pa.

Benson's Flowers

Indianapolis, Ind. DELIVERED ANYWHERE

R. Strohmeier, Aberdeen, S. D.

Prompt Attention Given to Out-of-town Orders

Orders for **Charleston, W. Va.** are given prompt and careful attention by the

CHARLESTON CUT FLOWER AND PLANT CO.

Brockman's Flower Shop **Fort Smith, Ark.**

Leading florists in fastest growing city in the southwest.

Archias Floral Co. SEDALIA, MISSOURI

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

J. F. WILCOX & SONS, 521 Broadway, Council Bluffs, Iowa.

Wholesale and Retail

Largest Greenhouse Establishment West of Chicago.

Orders delivered anywhere, including Iowa, Nebraska, North Dakota and South Dakota. Free deliveries to Omaha.

MILLS THE FLORIST, Inc.

36 W. Forsyth Street

Jacksonville, Fla.

We reach all Florida and South Georgia points.

Send flower orders for delivery in

BOSTON AND ALL NEW ENGLAND POINTS

To THOS. F. GALVIN, Inc.

124 TREMONT ST. BOSTON

North Dakota IOWA All Orders Promptly and Properly Executed.



South Dakota MINN. 40,000 feet of Commercial Cut Flowers.

The Newburys, Mitchell, S. D.

---

also well fixed with poinsettias, cyclamen, azaleas and Lorraine begonias.

Bertermann Bros. have their usual lot of fine blooming plants for Christmas.

E. A. Nelson has installed electric lights throughout his greenhouses.

Sidney Smith has a nice lot of cut poinsettias.

G. L. Freeman, of Wellfleet, Mass., was talking orchids to the trade this week.

Trade is flourishing at the Smith & Young wholesale house. Mr. Junge says stock is extremely scarce.

A. Wiegand & Sons are well supplied with blooming plants for the holiday trade.

Baur & Steinkamp have received word from Massachusetts, where they shipped a lot of blooms of their seedling carnation, St. Nicholas, for exhibition purposes, that they arrived there in excellent condition.

Adolph Baur has just finished mailing out the premium list for the Carnation Society's exhibition at Detroit and says anyone not securing a copy can have it for the asking. H. L. W.

PROVIDENCE.

The Market.

Last week was a good one for the retailers—everybody was busy. Coming-out functions, teas and other sociables took up much of the time, but several large funerals helped to keep everything on the jump. The unseasonably warm weather that had prevailed for a couple of weeks made stock soft, and somewhat curtailed business. Flowers, however, have been plentiful, roses and

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Established 1859.

A. Wiegand & Sons

Florists and Decorators

1610 to 1620 N. Illinois St., Indianapolis, Ind.

Indiana's oldest, largest and most complete retail establishment.

Oklahoma City, Okla.

THE STILES CO.

Best able to fill orders for delivery in Oklahoma

MEMBERS FLORISTS' TELEGRAPH DELIVERY

Tonseth Floral Co.

325 Morrison Street

GROWERS AND RETAILERS

Portland, Ore.

The Fernery **SCHULTHEIS, FLORIST**

Write, Phone or Wire 612 Linden St., SCRANTON, PA.

Orders for southern MINNESOTA and northern IOWA will be properly cared for by

A. N. KINSMAN, Austin, Minn.

INDIANA and ILLINOIS

Promptness and very Freshest Flowers.

N. B. & C. E. STOVER, 118 So. 6th St., TERRE HAUTE, IND.

Frey & Frey, 1338 O St. **Lincoln, Neb.**

Wholesale and Retail

100,000 sq. ft. of glass at your service. Trade discount

Minneapolis, Minn. LEADING FLORISTS

SWANSON'S, 618 Nicollet Ave.

DRUMM SEED and FLORAL CO.

507 Houston St., FORT WORTH, TEX.

Headquarters for Cut Flowers and Funeral Designs

J. J. BENEKE

1216 Olive St. ST. LOUIS, MO.

Baltimore, Md.

ALBERT G. FIEDLER & CO., 902 South Charles St.

I. N. KRAMER & SON

CEDAR RAPIDS, IA.

Colorado Springs, Colo.

Frank F. Crump Wholesale and Retail Florist

Member Florists' Telegraph Delivery.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

LOUISVILLE, KENTUCKY — M. D. REIMERS

New Location, "THE SEELBACK," and 223 S. FOURTH AVENUE

CHOICEST CUT FLOWERS

PERSONAL ATTENTION GIVEN TO OUT-OF-TOWN ORDERS

Orders for

BIRMINGHAM, ALA.

Well taken care of by

AMZI GODDEN SEED CO.

Established 1857.

Facilities for supplying everything in the line of CUT FLOWERS AND DESIGNS

BUFFALO

S. A. ANDERSON

440 MAIN STREET

Special Deliveries Niagara Falls and Lockport

Your orders for ATLANTIC CITY, N. J., will be carefully filled by

George H. Berke

1505 Pacific Ave.

Member Florists' Telegraph Delivery.

Write, Wire or Phone your orders to

YOUNG'S

1406 Olive St., ST. LOUIS, MO.

Regular discount allowed on all orders, either Plants or Cut Flowers.

Phones: Bell, Main 2306; Kinloch, Central 4981

SAN FRANCISCO

Podesta & Baldocchi

224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

The Cleveland Cut Flower Co.

CLEVELAND, OHIO

Will fill your orders for Designs or Cut Flowers in Northern Ohio.

MARION FLORAL CO., **Marion, Ind.**

Central Northern Points. Store: 406 South Adams

MRS. J. B. FREEMAN, LEADING FLORIST, Successor to Geo. A. Heinl **Toledo, Ohio**

All Orders Promptly Executed.

PROVIDENCE, R. I.

and all New England Points

T. J. JOHNSTON & CO. 171 Weybosset Street, Providence

BEYER FLORAL CO. SOUTH BEND, IND.

Daily deliveries to Notre Dame University and St. Mary's Academy.



SEND YOUR ORDERS FOR DIXIE LAND TO

IDLE HOUR NURSERIES

MACON, GEORGIA

All Choice CUT FLOWERS in Season

Orchids and Valley a specialty

MYER

L. D. Phone 5297 Plaza

609-11 Madison Ave., New York

John Bauscher, Jr., FREEPORT, ILL.

100,000 SQUARE FEET OF GLASS.

At Your Service.

---

violets being abundant. Prices are slightly stronger than for several weeks.

Horticultural Society.

The annual meeting of the Newport Horticultural Society was held December 12 and was largely attended, the election of officers resulting as follows: President, Andrew S. Meikle; vice-presidents, William MacKay and John B. Urquhart; secretary, Daniel J. Coughlin; treasurer, Andrew K. McMahon; financial secretary, John T. Hammond; sergeant-at-arms, William F. Smith; executive committee, the officers and Alexander MacLellan, Richard Gardner, James Robertson, Bruce Butterton, John T. Allan, C. M. Bugholt, Frederick S. Franco and William Gray; auditing committee, Bruce Butterton, W. Scott Sisson and Herbert Bliss.

During the evening Frederick Jenkins exhibited poinsettias, and the society awarded him a bronze medal for superior culture. A collation was served by the entertainment committee.

Various Notes.

F. Jordon has completely rebuilt the office building and made many improve-

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We Guarantee Satisfaction

A. J. Bunyard FLORAL CO.

413 Madison Ave., Cor. 48th St., NEW YORK

Bellevue Avenue, Newport, R. I.

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand.

McKenna

MONTREAL

JOHN BREITMEYER'S SONS

Corner Broadway and Gratiot Ave.,

DETROIT, MICH.

FRED EHRET

WHOLESALE AND RETAIL FLORIST

1407 Fairmount Ave. and 702 N. Broad St.,

PHILADELPHIA

Orders for Philadelphia and surrounding country carefully filled on short notice.

Telephone 334 Main

S. Masur

236 Fulton St., Brooklyn, N. Y.

VASSAR COLLEGE

The Saltford Flower Shop, Poughkeepsie, N. Y.

WELLESLEY COLLEGE

Dana Hall, Walnut Hill, Rockridge Hall Schools

TAILBY, Wellesley, Mass.

Long Distance Tel., Wellesley 44-1, 44-2, 44 3.

TEXAS Dallas Floral Co.

DALLAS, TEX.

H. F. GREVE, Prop.

Rosemont Gardens

W. B. Paterson, Prop. 116 Dexter Ave., MONTGOMERY, ALA.

HESS & SWOBODA, FLORISTS

Telephones 1501 and L 1582

1415 Farnum Street OMAHA, NEB.

U. J. VIRGIN

838 Canal St. NEW ORLEANS, LA.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

DARDS, N. E. Cor. 44th Street and Madison Avenue, Telephones 4025-4026, 38th Street, NEW YORK

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union — Member Florists' Telegraph Delivery. — Established 1874

WILSON DELIVERS EVERYWHERE
New York New Jersey Long Island
BROOKLYN
3 AND 5 GREENE AVENUE
Tel. No. 6800 Prospect

Send Orders for Washington, D.C. and vicinity to Blackistone Everything First-Class 14th and H Streets

The Livingston Seed Co.
FLORISTS
COVER ALL OHIO POINTS
114 N. High Street, COLUMBUS, OHIO

Seattle, Washington
Hollywood Gardens
1534 SECOND AVENUE
MEMBERS FLORISTS' TELEGRAPH DELIVERY
Mention The Review when you write

Colorado Springs, Colo.
Orders Carefully Executed
PIKES PEAK FLORAL CO.
Wholesale and Retail

PORTLAND, ORE. Clarke Bros. FLORISTS OAKLAND, CAL.

Evanston and Chicago
JOHN WEILAND, EVANSTON, ILL.

H. W. FIELD, The College Florist
NORTHAMPTON, MASS.
Home of Smith College
Send your orders to him for prompt and careful attention.

Deliveries to Northwestern University and all North Shore Towns.
FISCHER BROS. 614 Dempster St. EVANSTON, ILL. L. D. Phone 2642

KALAMAZOO, MICH.
G. Van Bochove & Bro., The Leading Florists

MONTREAL, We can fill all orders.
HALL & ROBINSON, 625 St. Catherine Street, West

DALLAS, TEXAS
The Texas Seed & Floral Company
Orders for cut flowers and designs solicited for delivery in any part of Texas.

LA CROSSE FLORAL CO. La Crosse, Wis.
will properly execute orders in Wisconsin or the northwest.

Wholesale and Retail orders for Cut Flowers, Funeral Designs, etc., receive prompt attention.
CLEVELAND, OHIO
G. M. NAUMANN & SON

Pittsburg, Kan.—Bartlesville, Ok.
THE STEINHAUSER FLORIST & NURSERY CO.
(Inc.)
Growers and Shippers—Wholesale and Retail
Out-of-town orders given special and personal attention. Give us a trial.

LINCOLN, NEB. CHAPIN BROS. Retail Florists
Flowers for All Occasions, from Cradle to Grave

South and Southwest Texas and sailing from Galveston.
H. H. KUHLMANN, Florist
2507 Jackson St., S. W. Phone, Hadley 1928-2230
2526 Washington St., Opp. Glenwood Cemetery, S. W. Phone, Taylor 628-1081.
Up town, 913 Main St., S.W. Phone, Preston 7141.
HOUSTON, TEXAS

E. O. LOVELL GRAND FORKS
Will give prompt attention to all orders for delivery in North Dakota

TRILLOW FLORIST Des Moines, Iowa
Will promptly execute all orders in this vicinity.

A. C. BROWN, SPRINGFIELD, ILLINOIS
LARGE GREENHOUSES

Aurora, Ill. Jos. M. Smely
and vicinity Phones 147

Boehringer Bros.
325 Park Avenue, BAY CITY, MICH.

Richmond, Ind.
FRED H. LEMON & CO.
Florists and Decorators. Send us your orders.

TERRE HAUTE, IND.
JOHN G. HEINL & SON 129 South 7th Street

W. P. McFARLAND L. C. McFARLAND
McFARLANDS, Florists
AKRON, OHIO

Mrs. M. E. Hollcraft
807 Kansas Ave., TOPEKA, KAN.

MICHIGAN Orders will be carefully cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS.

Minneapolis Floral Co., WHOLESALE and RETAIL FLORISTS
MINNEAPOLIS, MINN.
Funeral designs on short notice. One of the largest establishments west of Chicago.

ments. He reports good business this fall.

Albert Holscher is bringing in some fine Lorraine begonias and crotons.

Manuel Swartz, 2738 Pawtucket avenue, East Providence, has begun the erection of a greenhouse, 30x180 feet, with steam heat, on Vincent street in that town.

The report of the tax assessors of the city of Cranston has just been made public. Among those who are taxed on $10,000 or more are: Frank L. Budlong, $24,265; Harry A. Budlong, $20,880; James A. Budlong II, $56,100; the J. A. Budlong & Sons Co., $92,990; Melissa T. Budlong, $13,085; the Budlong Rose Co., $102,385.

Mr. and Mrs. S. J. Reuter, of Westerly, visited New York last week.

Max Villar, with Johnston Bros., was a visitor in Boston last week.

Macnair has been unusually busy with social and funeral work. He has added several assistants in his two stores for the holidays.

Thomas Curley is sending some fine poinsettias and Lorraine begonias to market.

John Burke, of the Burke Rose Co., was a visitor in Springfield, Southbridge and Worcester last week.

Frederick Jenkins, head gardener for Mrs. Cornelius Vanderbilt at The Breakers, Newport, has resigned.

T. J. Johnston & Co., Ed Brooke,

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Alexander McConnell

611 Fifth Avenue, Windsor Arcade — **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Calls: 340 and 341 38th Street — Cable Address: ALEXCONNELL — Western Union Code

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, **Pittsburg, Pa.**

Largest Floral Establishment in America

Established 1874--Incorporated 1909

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

Winona and Rochester, Minn.

For prompt and particular attention send your orders for Southwestern Wisconsin and Southern Minnesota to

John Fuhlbruegge

Grower and Retailer

ST. PAUL, MINN.

The Largest Store in America.

Members Florists' Telegraph Delivery.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

PASADENA, CAL.

13 East Colorado St.

Also all Los Angeles orders promptly filled.

The Orchid

MRS. LORD'S FLOWER ROOM

112 W. 8th Ave., TOPEKA, KAN.

STATE NURSERY CO.

CUT FLOWERS

155,000 sq. ft. of glass at your service. HELENA, MONTANA

Freeport Floral Co.

Telegraphic orders promptly attended to. FREEPORT, ILL.

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order.

11 North Pearl St., - ALBANY, N. Y.

Rock's Flowers Kansas City

Wm. L. Rock Flower Co.

KANSAS CITY, MO.

1116 Walnut Street

Members Florists' Telegraph Delivery

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Max Schling

NEW YORK

No. 22 West 59th Street

Adjoining Plaza Hotel

W. S. Lee Florist

Hippodrome Building,

44th STREET & SIXTH AVE.

TELEPHONE 714 BRYANT — NEW YORK

STEAMER ORDERS A SPECIALTY.

CHICAGO

A. LANGE,

25 E. Madison Street

GALESBURG, ILL.

I. L. PILLSBURY—For Central Ill.

Member Florists' Telegraph Delivery Association.

manager, report orders for Christmas delivery, both in plants and cut flowers, exceed any previous year.

William E. Chappell is especially busy on party decorations and numerous annual Masonic functions.

Henry Patry, of The Flower Shop, visited Boston last week.

Elmer E. King, of Attleboro, makes daily trips to this city, bringing in fine bulbous stock, stevia and carnations.

Harry Harrison, formerly with William Hay, is now in the employ of Johnston Bros.

Eugene McCarron has been busy on east side social work during the last few weeks.

The cut of orchids from the houses of the Hope Greenhouses of Miss Florence Willard has been satisfactory. The call for orchids in this city is much on the increase.

L. Engal reports a good trade at his new store, The Rosery, at 305 Weybosset street.

A party of New London, Conn., men visited Westerly, Sunday, December 10, and inspected S. J. Reuter & Son's

HUGO H. JAHN

710 Nostrand Avenue,

Tel. No. 1952 Bedford BROOKLYN, N. Y.

Will deliver to Steamships, Theaters, anywhere within 20 miles of New York.

ARTISTIC WORK. PERSONAL ATTENTION.

Special care of your telegraph orders.

W. J. Palmer & Son

304 Main St., BUFFALO, N. Y.

Members Florists' Telegraph Ass'n

Orders by wire receive prompt and careful execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

ST. LOUIS, MO.

Flowers Delivered in City or State on Short Notice

F. H. WEBER

BOYLE AND MARYLAND AVENUES

Both Long Distance Phones

M. A. Bowe

IN HEART OF NEW YORK CITY

12 W. 33d Street, N. Y.

Opposite the Waldorf-Astoria.

Phone Madison Sq. 6404. Our Motto—The Golden Rule

George G. McClunie, Florist

187 Main St., HARTFORD, CONN.

Orders solicited for Connecticut and nearby points.

Tel. Charter 5591-2. Floral Designs a Specialty.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

CHICAGO — Send Your Orders to.. William J. SMYTH

Member Florists' Telegraph Delivery Association. Michigan Ave., at 31st St.

Established 1857.

Wittbold FLORIST

737-739 Buckingham Place

L. D. Phone 1112 Graceland — CHICAGO

Send us your retail orders. We have the best facilities in the city.

"WE STRIVE TO PLEASE"

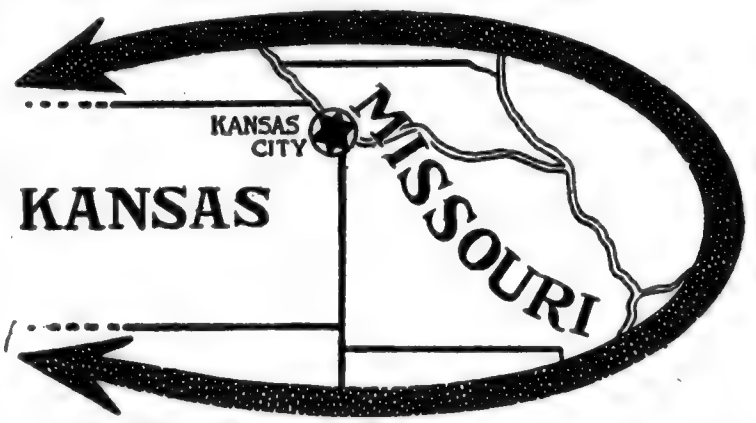
ALPHA FLORAL Co.

1105 WALNUT-PHONES 1806

Kansas City, Missouri

The largest Florists in the Central West

A. ELBERFIELD, Proprietor



Mention The Review when you write.

Write, Wire or Phone

JOHN WALKER

11 S. PHELPS STREET

Youngstown, O.

Careful attention given to out-of-town orders. Trade discount allowed.

CLEVELAND

...THE...

J. M. GASSER COMPANY

EUCLID AVENUE

We ship all points in Ohio. The best of everything in Flowers.

BOSTON, MASS.

Penn, The Florist

"Penn, The Telegraph Florist"

Members of Florists' Telegraph Delivery Association.

37-43 BROMFIELD STREET

DENVER, COLO.

FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice.

Daniels & Fisher.

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver."

GEO. M. KELLOGG FLOWER & PLANT CO.

Wholesale and Retail Florists

1122 Grand Avenue, KANSAS CITY, MO.

All Kinds of CUT FLOWERS in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

YOUNG & NUGENT

NEW YORK : 42 W. 28th St.

In the theater district. Exceptional facilities for delivering flowers on outgoing steamers. Your orders will receive prompt and careful attention. Wire, telephone or write us.

H. F. A. LANGE

Worcester, Mass.

Delivers to all points in New England. 125,000 square feet of glass.

We are Prepared to Fill Orders for any Section of South Jersey at any time.

EDWARDS FLORAL HALL CO.

1700 Pacific Avenue,

Nurseries: Mediterranean and South Carolina Aves. ATLANTIC CITY, N. J.

Send orders for delivery in **ROCHESTER, N.Y.**

and all points in Western New York to

H. E. WILSON, 88 East Main Street

Baker Bros. Co. Ft. Worth, Tex.

Send Orders for the Southwest

Best Railroad Center in the State.

Battle Creek, Mich. S. W. COGGAN, Leading Florist

11 West Main St. All cut flowers in season. Funeral designs or potted plants. Careful attention and prompt delivery guaranteed to any part of Michigan.

MOBILE, ALABAMA

The Minge Floral Co.

CAPITAL CITY GREENHOUSE CO.

MADISON, WIS.

Order of us. Best shipping service for Wisconsin

C. L. VAN METER, Florist MONTICELLO, IA.

Orders solicited to be delivered anywhere.

Specialist in Cut Flowers and Designs

SIOUX CITY, IOWA Supplies western Iowa, southern Minnesota, all of South Dakota, northeastern Nebraska.

J. C. RENNISON CO.

PEKIN ═══ PEORIA

All orders receive personal attention.

GEO. A. KUHL, Pekin, Ill.

BALTIMORE, MD. And All Southern Points.

PIERCE & CO. 509 N. Charles Street, BALTIMORE, MD.

---

greenhouses. They were entertained at luncheon at the Dixon House by Oliver Burch, of Stonington, Conn. The party was chaperoned by George J. Fisher, New London, manager for the Reuter company. The others were Thomas Fowler, Louis Fowler, James Fowler, Walter Bunce, George Cook, Leon Smith and Albert Smith. W. H. M.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
California	New York	Glasgow	Dec. 23
Merion	Philadelphia	Liverpool	Dec. 23
Orotava	New York	Cuba	Dec. 23
Lusitania	New York	Liverpool	Dec. 27
China	San Fr'sco	Hongkong	Dec. 27
Makura	Vancouver	Hawaii	Dec. 27
Saxonia	Boston	Liverpool	Dec. 28
Olympic	New York	S'hampton	Dec. 30
Sado Maru	Seattle	Yokohama	Dec. 30
Campania	New York	Liverpool	Jan. 3
Manchuria	San Fr'sco	Hongkong	Jan. 3
Cecilie	New York	Bremen	Jan. 4
Hamburg	New York	Genoa	Jan. 4
Caledonia	New York	Glasgow	Jan. 6
Dominion	Philadelphia	Liverpool	Jan. 6
Thames	New York	Cuba	Jan. 6
Caronia	New York	Egypt	Jan. 6
Mauretania	New York	Liverpool	Jan. 10
Chiyo Maru	San Fr'sco	Hongkong	Jan. 10
Emp. of Japan	Vancouver	China	Jan. 10
Inaba Maru	Seattle	Hongkong	Jan. 16
Carmania	New York	Liverpool	Jan. 17
Columbia	New York	Glasgow	Jan. 20

Montclair, N. J.—Mrs. E. D. Rose had a house of poinsettias that brought a good figure for Christmas.

LEADING·RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

ALPHABETICAL INDEX BY TOWNS OF LEADING RETAIL FLORISTS

ABERDEEN, S. D.
Strohmeier, R.
AKRON, O.
McFarlands
ALBANY, N. Y.
Eyres, H. G.
AMSTERDAM, N. Y.
Hatcher, J. C.
ATLANTIC CITY, N. J.
Berke, Geo. H.
Edwards Floral Hall
AUBURN, N. Y.
Dobbs & Son
AURORA, ILL.
Smely, Jos. M.
AUSTIN, MINN.
Kinsman, A. N.
BALTIMORE, MD.
Fiedler & Co., A. G.
Pierce & Co.
BARTLESVILLE, OKLA.
Steinhauser Flo. Co.
BATTLE CREEK, Mich.
Coggan, S. W.
BAY CITY, MICH.
Boehringer Bros.
BIRMINGHAM, ALA.
Godden Seed Co., A.
BOSTON, MASS.
Galvin, Inc., T. F.
Hoffman, S.
Newman & Sons
Penn, Henry
BROOKLYN, N. Y.
Jahn, Hugo H.
Masur, S.
Phillips, Jno. V.
Wilson, R. G.
BUFFALO, N. Y.
Anderson, S. A.
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CEDAR RAPIDS, IA.
Kramer & Son, I. N.
CHARLESTON, W. VA.
Charleston Cut Flo. & Plant Co.
CHICAGO
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Lange, A.
Samuelson, Chas. A.
Smyth, W. J.
Wittbold Co., Geo.
CLEVELAND, O.
Cleveland Cut Flo. Co.
Gasser Co., J. M.
Knoble Bros.
Naumann & Son
Smith & Fetters Co.
COLO. SPGS., COLO.
Crump, F. F.
Pikes Peak Flo. Co.
COLUMBUS, O.
Livingston Seed Co.
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Wilcox & Sons
DALLAS, TEX.
Dallas Floral Co.
Lang Floral Co.
Texas Seed & Flo. Co.
DAYTON, O.
Heiss Co.
DENVER, COLO.
Daniels & Fisher
Park Floral Co.
DES MOINES, IOWA
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Schroeter, B.
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Fischer Bros.
Weiland, John
FORT SMITH, ARK.
Brockman's Flo. Shop
FORT WORTH, TEX.
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Drumm Floral Co.
FREEPORT, ILL.
Bauscher, Jr., John
Freeport Floral Co.
GALESBURG, ILL.
Pillsbury, I. L.
GRAND FORKS, N. D.
Lovell, E. O.
GRAND RAP'S, MICH.
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HARTFORD, CONN.
Coombs, John
McClunie, G. G.
HELENA, MONT.
State Nursery Co.
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Benson, Lester F.
Bertermann Bros. Co.
Wiegand & Sons
JACKSONVILLE, FLA.
Mills The Florist
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Van Bochove & Bro.
KANSAS CITY, MO.
Alpha Floral Co.
Kellogg, Geo. M.
Murray, Samuel
Rock Flower Co.
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Obertin, P. N.
KNOXVILLE, TENN.
Crouch, Chas. W.
LA CROSSE, WIS.
La Crosse Floral Co.
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LINCOLN, NEB.
Chapin Bros.
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Frey & Frey
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LOUISVILLE, KY.
Reimers, M. D.
Schulz, Jacob.
Walker & Co., F.
MACON, GA.
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MADISON, WIS.
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MANKATO, MINN.
Windmiller Co.
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Pollworth Co., C. C.
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Minneapolis Flo. Co.
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Newburys, The
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Minge Floral Co.
MONTGOMERY, ALA.
Rosemont Gardens
MONTICELLO, IOWA
Van Meter, C. L.
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Hall & Robinson
McKenna & Son
NEWARK, OHIO
Duer, Chas. A.
NEW CASTLE, PA.
Butz Bros.
NEW LONDON, CONN.
Reuter & Son, Inc.
NEW ORLEANS, LA.
Virgin, U. J.
NEW YORK CITY
Bowe, M. A.
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McConnell, Alex.
Meyer
Schling, Max
Young & Nugent
NEWPORT, R. I.
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OAKLAND, CAL.
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OKLAHOMA CY., OKL.
Stiles Co., The
OMAHA, NEB.
Hess & Swoboda
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PASADENA, CAL.
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Sceery, Edward
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PEORIA, ILL.
Kuhl, Geo. A.
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Fox, Chas. Henry
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PITTSBURGH, PA.
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Miller & Son, W. J.
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Johnston & Co., T. J.
RACINE, WIS.
Hinchliffe, Mrs. J. T.
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Fuhlbruegge, John.
ROCHESTER, N. Y.
Fry, E. R.
Wilson, H. E.
ROCKFORD, ILL.
Buckbee, H. W.
ST. LOUIS, MO.
Beneka, J. J.
Weber, F. H.
Young & Sons Co.
ST. PAUL, MINN.
Holm & Olson, Inc.
May & Co., L. L.
SAN ANTONIO, TEX.
Baker, Geo. C.
SAN FRANCISCO, CAL.
Podesta & Baldocchi
SCHENECTADY, N. Y.
Hatcher, J. C.
SCRANTON, PA.
Clark, Florist
Schultheis, Florist
SEATTLE, WASH.
Hollywood Gardens
SEDALIA, MO.
Archias Flo. Co.
SIOUX CITY, IOWA
Rennison Co., J. C.
SOUTH BEND, IND.
Beyer Floral Co.
SPRINGFIELD, ILL.
Brown, A. C.
TERRE HAUTE, IND.
Heinl & Son, John G.
Stover, N. B. & C. E.
TOLEDO, O.
Freeman, Mrs. J. B.
TOPEKA, KAN.
Hollcraft, Mrs. M. E.
Lord's Flower Room
TORONTO, CANADA
Dunlop, John H.
TRENTON, N. J.
Ribsam, M. C.
WASHINGTON, D. C.
Blackistone, Z. D.
Gude Bros. Co.
WELLESLEY, MASS.
Tailby & Son
WILKES-BARRE, PA.
Marvin, Ira G.
WINNIPEG, Man., Can.
Rosery, The.
WINONA, MINN.
Fuhlbruegge, John
WORCESTER, MASS.
Lange, H. F. A.
YOUNGSTOWN, O.
Walker, John
ZANESVILLE, OHIO
Imlay, John D.

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NEW LONDON, CONN.
The only flower store in the city. Orders for any part of Connecticut or Rhode Island will receive prompt and careful attention.

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WILLIAM A. PHILLIPS, Manager
272 Fulton St. Tel. 319 Main Brooklyn, N. Y.
Careful attention, personal selection and prompt delivery guaranteed to any part of New York, Long Island and New Jersey. Thirty-six years' experience. Reliability assured.

Coombs LEADING FLORIST Hartford, Conn.
Orders solicited for all parts of Connecticut.

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289 DONALD ST.
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ORDERS TAKEN FOR DELIVERY ANYWHERE BETWEEN PORT ARTHUR AND THE COAST.

C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice
Trade discounts. First-class stock.

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Tel. 1552, 1553 Columbus
NEW YORK CITY
Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

The Park Floral Co.
J. A. VALENTINE, Pres.
Member Florists' Telegraph Delivery.
DENVER, - COLORADO

C. C. POLLWORTH CO.
Wholesale Florists
MILWAUKEE, WIS.
Will Take Proper Care of Your Orders in WISCONSIN

ST. PAUL, MINN.
Order your flowers for delivery in this section from the leading Florists of the Northwest.
L. L. MAY & CO.
ST. PAUL, MINN.

GUDE BROS. CO. FLORISTS 1214 F ST. N.W. WASHINGTON, D.C.
WASHINGTON, D. C.
GUDE'S
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AMSTERDAM, N. Y.
SCHENECTADY, N. Y.
Estab. 1877

NEW JERSEY
EDWARD SCEERY—PATERSON and PASSAIC

German Stock Seeds

A GRAND SPECIALTY

Price list on application

PAUL TEICHER, Striegau, Germany

Oldest Special House

Mention The Review when you write

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Leonard H. Vaughan, Chicago; First VicePres., M. H. Duryea, New York City; Sec'y and Treas., C. E. Kendel, Cleveland, O.

THE onion set market is quiet, as it usually is at this season, but prices are steady.

BURPEE'S general catalogue, the thirty-sixth Farm Annual, reached The Review December 18.

THE first of the 1912 general seed catalogues to arrive from the Pacific coast houses was that of C. C. Morse & Co., which was in the mail of December 13.

INCORPORATED:—The Peninsular Seed Co., Port Huron, Mich., capital $40,000; the Scott County Good Seed Association, St. Paul, Minn., the latter planning to hold an annual fair at Gordon, Minn., and having Henry Arens, J. G. Nachbar, J. E. Casey and John Krautkremer as incorporators.

THE L. L. Olds Seed Co., Madison, Wis., issues what is called an advance edition of its catalogue, made up principally for the southern trade. It contains the vegetable and flower seed pages just as they appear in the regular catalogue, without the field seed and potato pages. The advance edition reached The Review December 19. The regular edition will be out about January 15. The front page carries a portrait of Mr. Olds. This is the twenty-fifth annual edition.

COMMERCE IN SEEDS.

Following is the record of the imports and exports of seeds in the month of October, 1911, with comparisons with the same month in 1910:

IMPORTS.

October, 1911	$ 874,374
October, 1910	1,817,685

EXPORTS.

October, 1911	$ 398,101
October, 1910	249,435

IMPORTS.

The imports of seed through the port of New York for the week ending December 9 were as follows:

Kind.	Pkgs.	Val.	Kind.	Pkgs.	Val.
Anise	41	$ 1559	Fenugreek	250	$ 1037
Canary	863	2524	Grass	511	5712
Caraway	537	3680	Hemp	250	977
Cardamom	2	106	Millet	5933	12237
Castor	2766	11269	Mustard	200	2025
Clover	4020	142581	Poppy	1007	9021
Coriander	1443	4446	Rape	100	617
Cummin	234	2142	Sugar beet		24228
Fennel	30	955	Other		28645

In the same period the imports of bulbs, trees and plants were valued at $86,898.

AT GREEN BAY.

A new addition to the seed warehouse for the Everett B. Clark Seed Co., says the Green Bay Gazette, was built at a cost of about $12,000. This addition is 60 x 100 feet in size. Bins

—TO THE TRADE—

HENRY METTE, Quedlinburg, Germany

(ESTABLISHED IN 1787)

Grower and Exporter on the very largest scale of all

CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼ oz.; 75c per 1-16 oz Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own vast grounds,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

Mention The Review when you write.

—PERFECT PLANT FOODS—

THOMSON'S Vine Plant and Vegetable MANURE

Unrivaled for vines, tomatoes, cucumbers, all flowering, foliage and fruit bearing plants; vegetables, lawns, etc. Has stood the test of 30 years. The result of many years of practical experience.

Sold by Leading American Seedsmen.

Also Thomson's Special Chrysanthemum and Topdressing Manure. An Excellent Stimulant.

Freight paid on quantities; liberal terms to retailers. Write for our special offer to the American trade, agents' circulars, pamphlets, etc., to sole makers.

Also Exporters of **Pure Scotch Soot** Write for prices, etc.

Wm. Thomson & Sons, Ltd., Tweed Vineyards, Clovenfords, Scotland

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High-grade Hyacinths, Tulips, Narcissus, Crocus, etc. Write for Catalogue.

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Fall and Spring Shipments.

Valley Pips, Berlin and Hamburg grades.
Azaleas, Palms, Bay Trees, etc., from Belgium.
Begonia and Gloxinia Bulbs; December shipment.
Boxwood, Roses, etc., from Boskoop, Holland.
Maples, Planes, etc., from Oudenbosch, Holland.
Fruit and Ornamental Stocks, from France.
English Manetti, Jap Lilies, etc., etc.
Raffia, Red Star and 3 other brands.

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CYNOSURUS CRISTATUS

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Purity and germination guaranteed.

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BOSTON, ENGLAND

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Importer of

Azaleas, Palms, Bay Trees

and all other Belgian Plants, Lily of the Valley of the finest Berlin and Hamburg Brands.

Japanese, Holland and French Bulbs

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VALLEYS

Our EARLY BRAND of selected German Lily of the Valley forcing pips, now ready, in cases of 2500 pips, at

$15.00 - per 1000

Net 60 days, or 3% off for a prompt check.

Address

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P. O. Box 752, or 31 BARCLAY STREET

DANISH SEEDS

If you take interest in Cabbage, Cauliflower, Carrot, Mangel, Swede and Turnip, of selected strains (state controlled), please apply to

CHR. OLSEN, Odense, Denmark

Wholesale Seed Grower (Established 1862), in order to have your name placed on my mailing list.

You Must Have Heard of
KELWAY'S

who have received literally hundreds of Gold Medals and other Prize Medals and First-Class Certificates and Awards of Merit from
THE ROYAL AGRICULTURAL SOCIETY
and
THE ROYAL HORTICULTURAL SOCIETY
of England
For their Introductions in Plants and Choice Seeds.

They are now specializing in all kinds of

FARM, GARDEN AND FLOWER SEEDS

including

SWEET PEAS

for export. Write for **SPECIAL** prices for quantities, also **CONTRACT OFFERS.**

Correspondence invited and a trial solicited.

KELWAY & SON, Wholesale Seed Growers and Exporters Established 1851 **Langport, Eng.**

Seeds, Bulbs, Plants

A. HENDERSON & CO.

30 East Randolph St., CHICAGO

Mention The Review when you write

for about eighty or ninety pickers have been added. The sidetrack has been extended along the front of the addition, so that three or four cars of seeds may be loaded or unloaded at one time. A new automatic electrical elevator will be installed in the new addition, which with the old one will make the handling of seeds between floors much easier. A great deal of the seed which has been kept in other places will now be stored in Green Bay for cleaning and shipping purposes.

GRONINGEN A SEED CENTER.

Just as Essex and Lincolnshire are the seed growing districts of England, says a correspondent of one of the British trade papers, the province of Groningen will, in a few years, be the seed garden of Holland. When we look back for a period of only ten to twelve years, seed growing was limited to a few small gardeners around Winschoten, who were growing some acres of mangels, carrots, kale and other seeds for the seed merchants in Enkhuizen and Zwyndrecht.

[Continued on page 50.]

PREMIUM AMERICAN PANSY SEED

Sow Pansy seed now for early spring plants. Greenhouse-grown Pansy plants are superior to those wintered over.

Hesperian Strain A selection of the most beautiful varieties, notable for their large size and perfection of form and coloring. We offer this mixture after over thirty years' experience in pansy seed and plant growing for both the retail and wholesale trade, and recommend it for those having critical customers. **Pkt., 25c; 1000 seeds, 50c; ⅛ oz., $1.00; ¼ oz., $1.75; oz., $6.00.**

Toole's Giant Prize Strain This is a mixture made up from the best of the giant varieties, with the correct proportions of the different shades and colors for general sale. This mixture will surely please you. **Pkt., 15c; 1000 seeds, 30c; ⅛ oz., 70c; ¼ oz., $1.20; oz., $4.00.**

White, red, yellow and blue, colors separate. Prices same as for Toole's Giant Prize Strain.

"How to Grow Pansies," with price list of other varieties and mixtures, sent free on request.

WILLIAM TOOLE & SONS, Pansy Heights, **BARABOO, WIS.**

Mention The Review when you write.

LILIUM GIGANTEUM (Dark Stem)
LILIUM ALBUM, AURATUM AND RUBRUM

All sizes and as fine as Japan produces. Write us.

S. S. Skidelsky & Co., 1215 Betz Bldg., **Philadelphia, Pa.**

Mention The Review when you write

Cold Storage Valley

W. & D.'s Extra Selected Berlin Pips, $8.50 per box of 500 pips. W. & D.'s Sure Crop English Mushroom Spawn—new crop, just received, $8.00 per 100 lbs. Cash with order or satisfactory references.

Weeber & Don, Seed Merchants and Growers **New York City**
114 Chambers Street

Mention The Review when you write.

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LILIES, SUMMER FLOWERING BULBS AND HARDY PLANTS.

SEND FOR PRICE LIST.

E. S. MILLER, Wading River, N. Y.

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GLADIOLI

America, planting stock.

Florists' Mixture
in light shades.

Write for prices.

MRS. A. H. AUSTIN,
Wayland, Ohio

Mention The Review when you write.



Regular Style

Anchor Brand
Everlasting Virginia White Cedar

Cedar Plant a

Made of Selected, Season

Anchor Brand
Everlasting Virginia White Cedar

Regular Style
Price List

Size	Top Diameter	Bottom Diameter	Depth	Hoops	Price	Weight (Each)
No. 0	24¾ in.	22¾ in.	24 in.	3–1½ in.	$6.75	56 lbs.
No. 1	23⅜ "	20¼ "	22 "	3–1½ "	6.00	44 "
No. 2	21 "	18⅞ "	20 "	3–1½ "	5.35	37 "
No. 3	18 11/16 "	16⅞ "	18 "	3–1¼ "	4.35	28 "
No. 4	16½ "	14 7/16 "	16 "	3–1¼ "	3.50	24 "
No. 5	14 7/16 "	13⅛ "	14 "	3-1 "	3.15	17 "
No. 6	12 7/16 "	10⅞ "	12 "	3–1 "	2.50	14 "
No. 7	11¾ "	9⅞ "	10 "	3–¾ "	2.20	10 "
No. 8	10 11/16 "	9 1/16 "	9½ "	3–¾ "	1.90	9 "

Philadelphia Style Tree Tubs
Price List

Size	Inside Top	Inside Bottom	Thickness Depth	Thickness Stave	Hoop	Handles	Painted	Price	Weight (Each) lbs.
No. 1	14 11/16"	11 11/16"	13⅛"	13/16"	3 No. 6 Wire	No. 2 N.Y.	Green	$1.65	11
No. 2	14 "	11¼"	12⅛"	13/16"	3 No. 6 "	No. 2 N.Y.	"	1.40	10
No. 3	12 11/16"	10 3/16"	12⅛"	13/16"	3 No. 6 "	No. 2 N.Y.	"	1.10	9
No. 4	11 13/16"	9 5/16"	11½"	11/16"	3 No. 7 "	No Handles	"	.90	7
No. 5	10¾"	8 9/16"	10 9/16"	11/16"	3 No. 7 "	" "	"	.85	6
No. 6	9¾"	7 7/16"	10⅞"	⅝"	3 No. 7 "	" "	"	.75	5
No. 7	8 "	5¾"	10 "	⅝"	3 No. 8 "	" "	"	.65	3
No. 8	8 "	6 "	8 "	9/16"	3 No. 9 "	" "	"	3.20 per doz	2
Pail Size No. 2	10¾"	8⅜"	8 "	7/16"	3 No. 9 "	" "	"	3.20 per doz	2

ALL of our Tr
Selected, E
White Ceda
better for t
QUALITY
are nicely painted,
best oil paints and
heavy steel hoops
with galvanized e
hoops on the others
drop handles and
are bolted on for se
handsome and add
ance of the plant,
sale of the plants
invite correspondei
serve you with the
the lowest prices.

Liberal Discount to

Philadelphia Style



Richmond C

Richmonc

Anchor Brand
Everlasting Virginia White Cedar

Anchor Brand
Everlasting Virginia White Cedar

nd Tree Tubs

ed Virginia White Cedar



Richmond Style

Tubs are made of erlasting Virginia . There is nothing e purpose. ¶We put our goods. ¶Tubs nside and out, with are trimmed with n some styles, and ectric welded wire ¶Notice our heavy eg castings, which ice. ¶Our tubs are uch to the appear- hereby helping the ney contain. ¶We e, and are ready to very best goods at

obbers and Dealers

Richmond Style Tree Tubs

Price List

No.	Inside Top Diam.	Inside Bot. Diam.	Inside Depth	Thickness of Stave	E. H. Top Hoop	Iron Bottom Hoop	Hole in Bottom	Price (Each)
1	6″	5 ″	6″	3/8″	1 No. 9	1–5/8″	3–1/2″	$0.29
2	7″	5 ″	7″	3/8″	1 “ 9	1–5/8″	3–1/2″	.30
3	8″	6 ″	8″	3/8″	2 “ 9	1–5/8″	3–1/2″	.33
4	9″	7 ″	9″	3/8″	2 “ 9	1–5/8″	3–1/2″	.36
5	10″	7 1/2″	9″	7/16″	2 “ 9	1–5/8″	3–1/2″	.42
6	11″	8 1/2″	10″	1/2″	2 “ 9	1–5/8″	3–1/2″	.52
7	12″	9 ″	11″	1/2″	2 “ 9	1–3/4″	3–1/2″	.63
8	13″	10 ″	12″	1/2″	2 “ 8	1–3/4″	3–1/2″	.80
9	14″	11 ″	13″	5/8″	2 “ 8	1–3/4″	3–1/2″	.92
10	15″	11 1/2″	14″	5/8″	2 “ 8	1–3/4″	3–5/8″	1.00
11	16″	12 1/2″	15″	5/8″	2 “ 7	1–3/4″	3–5/8″	1.12
12	17″	13 1/2″	16″	5/8″	2 “ 7	1–3/4″	3–5/8″	1.33
13	18″	14 1/2″	17″	5/8″	2 “ 7	1–3/4″	3–5/8″	1.59
14	19″	15 1/2″	18″	5/8″	2 “ 7	1–3/4″	3–5/8″	1.92

New York Style Tree Tubs

Price List

Size	Top Diameter	Bottom Diameter	Depth Finished	Thickness, Stave	Hole in Bottom	Iron Hoops	Price (Each)	Weight (Each)
No. 1	12 in.	9 3/4 in.	10 5/8 in.	13/16 in.	3/4 in.	3–1 in.	$1.15	9 lbs.
No. 2	13 “	10 3/4 “	12 3/4 “	13/16 “	3/4 “	3–1 “	1.50	13 “
No. 3	14 1/2 “	12 1/16 “	14 3/4 “	13/16 “	7/8 “	3–1 “	1.85	15 “
No. 3 1/2	16 1/2 “	14 1/2 “	15 3/4 “	13/16 “	7/8 “	3–1 “	2.45	18 “
No. 4	19 7/16 “	17 1/4 “	16 5/8 “	13/16 “	7/8 “	3–1 1/8 “	2.65	21 “
No. 5	22 7/16 “	20 1/4 “	18 1/2 “	13/16 “	7/8 “	3–1 1/8 “	3.45	26 “

Anchor Brand
Everlasting Virginia White Cedar

New York Style



edar Works

, Virginia

Anchor Brand
Everlasting Virginia White Cedar

Between Christmas and New Year

You have time and room — plant Cold Storage Lilies and get a cut just right for Easter. They will flower easily by April 1st.

Case of 232, 7-9, $15.00—Case of 200, 8-10, $16.00

ORDER THEM NOW

C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write.

LAWN GRASS SEED

WHOLESALE ONLY

J. OLIVER JOHNSON

1876 Milwaukee Avenue, CHICAGO

Mention The Review when you write.

How different now! Hundreds and thousands of acres of all kinds of vegetable and agricultural crops are standing for seed saving, supplanting the old crops upon the farms. Whereas seed growing in this district a few years ago was located in one or two places, now it is practiced by many farmers throughout the province, most of them growing on contract at a fixed price. There are scarcely any Dutch wholesale seed growers who have not seed crops in Groningen, and it would be difficult to find in this country any other district with such great variety of soils as we have in a limited area, comprising the heaviest clay to poor, sandy soil.

As Sluis & Groot, Enkhuizen, place a large portion of their contract orders in this district, they are intending to arrange a seed warehouse at Winschoten, so that they may clean the crops direct from the farms. This arrangement has become necessary, as farmers rarely deliver their harvested seed crops without needing recleaning. The correspondent believes if Sluis & Groot establish a branch of their business in this district, seed growing will make still greater development in the future, and other firms will follow and establish their business in the midst of the growing seed crops.

CALIFORNIA SWEET PEAS.

In the catalogue of an English seedsman George W. Kerr, of W. Atlee Burpee & Co., found such aspersions cast upon California grown sweet pea seed that he was moved to write a long letter to the editor of a British trade paper. What he had to say of the quality of certain seeds sent out by the publisher whose catalogue aroused his ire is not of special interest, but what he said of California seed is worth reprinting:

"The introduction contains some rather sweeping assertions, some of these apparently being directed against the stocks of other sweet pea specialists, but the first to hold my attention was the following statement: 'The public

HERE SINCE 1879

Arkansas Valley Seed Company

D. H. BROWNE LAKIN, KANSAS C. H. BROWNE

Contract Growers of Muskmelon, Watermelon and Cucumber

We desire to announce to the trade that Mr. Wm. Logan is no longer connected with this company in any way. And that we are now booking contract orders for Muskmelon, Watermelon and Cucumber Seed.

Write today for contract price list, also our surplus list of Vine Seeds.

Mention The Review when you write.



Colored Flower and Vegetable Seed Bags

Send for Catalogue and Samples.

Herndon & Lester, Inc.

RICHMOND, VA.

Mention The Review when you write.

Metal Clasp Mailing Envelopes

LOUIS JEFFREY

78th & Brunswick Ave., Philadelphia, Pa.

Mention The Review when you write.

TOMATO SEED

BEST STOCKS. ALL VARIETIES.

The Haven Seed Co.

Growers for wholesale trade only. Santa Ana, Cal.

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The Ebbert Seed Company

ROCKY FORD, COLO.

Contract growers for the Trade. High-grade Vine Seeds. **Specialties:** Rocky Ford Cantaloupe, Muskmelon and Cucumber Seed.

Place Your Orders Early

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Boston Pickling Cucumber grown under irrigation by

WESTERN SEED & IRRIGATION CO.

Seed Growers and Dealers. Specialties: Cucumber, Musk and Watermelon, Pumpkin, Squash, Sweet and Field Corn.

FREMONT, :: :: :: NEBRASKA

Mention The Review when you write.

BURNETT BROS.

SEEDS :: BULBS :: PLANTS

72 Cortlandt St., NEW YORK CITY

THE KIMBERLIN SEED CO.
Wholesale Seed Growers **SANTA CLARA, CAL.**
Growers of
ONION, LETTUCE, RADISH, etc.
Correspondence Solicited.
Mention The Review when you write.

Pieters-Wheeler Seed Company
Hollister, - - California
Growers of High Grade Seeds
Onion, Radish, Lettuce,
Sweet Peas, etc. : : :
Correspondence Solicited.
Mention The Review when you write.

BRASLAN SEED GROWERS' CO.
Lettuce, Onion, Sweet Peas
Growers for the Wholesale Trade Only
San Jose, California
Mention The Review when you write

S. D. Woodruff & Sons
SPECIALTIES:
Garden Seeds in Variety
Maine seed potatoes, onion sets, etc.
CORRESPONDENCE SOLICITED.
Main Office and Seed Farms, ORANGE, CONN.
New York City Store, 82-84 Dey Street
Mention The Review when you write.

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety.
Correspondence solicited.
Mention The Review when you write.

Contract Seed Growers
Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence solicited.
George R. Pedrick & Son
PEDRICKTOWN, N. J.
Mention The Review when you write.

—THE—
J. C. Robinson Seed Co.
Waterloo, Neb.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar, Flint and Field Seed Corns.
Mention The Review when you write.

RATEKIN'S SEED HOUSE
Shenandoah, Iowa
Largest Seed Corn growers in the world. Contract growers of **Sugar, Flint and Field Seed Corns.** Specialties: Diamond Joe's Big White, Iowa Silver Mine, Pride of the North and Mammoth Iowa Yellow Dent.
Correspondence Solicited
Mention The Review when you write.

are then sold seed grown in the soft climate of California, which seed is not, I maintain, best calculated to stand the trying vagaries of the English climate.'

"I would not say that California-

J. BOLGIANO & SON —WHOLESALE— **Field and Garden Seeds**
ESTABLISHED 1818 Write for our low prices
Light, Pratt & Ellicott Sts. **BALTIMORE, MD.**
Mention The Review when you write.

BEANS, PEAS, RADISH
and all Garden Seeds
LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO
ONION SETS GROWERS FOR THE TRADE
Write for Prices
Mention The Review when you write.

YOU will be satisfied with the products of Burpee's "Seeds that Grow"
Better write to Burpee, Philadelphia,—for new Complete Catalogue.

The Everett B. Clark Seed Co., MILFORD, CONN.
Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.
BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC.

MORSE SEEDS
Wholesale Growers of
Onion, Lettuce, Sweet Peas
and other California Specialties
C. C. MORSE & CO.
48 Jackson St. SAN FRANCISCO, CAL.
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CONTRACT SEED GROWER
SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn
EDGAR F. HURFF, MULLICA HILL, NEW JERSEY
Correspondence Solicited.

Routzahn Seed Co.
ARROYO GRANDE, CAL.
SWEET PEA and NASTURTIUM SPECIALISTS
Wholesale growers of full lists of FLOWER and GARDEN SEEDS.

THE HAS. H. TILLY CO.
SEATTLE, WASH.
Growers of
PUGET SOUND CABBAGE SEED

Henry Fish Seed Co.
BEAN GROWERS
For the Wholesale Seed Trade
CARPINTERIA, - CAL.

Peas and Beans
...Growers For The...
Wholesale Seed Trade
Alfred J. Brown Seed Co.
Grand Rapids, Michigan

Sioux City Seed & Nursery Co.
Sioux City, Iowa
Contracting growers of **Peas, Beans** and famous **Sweet Corn.** Introducers of the **White Mexican Sweet Corn.**

S. M. ISBELL & CO.
JACKSON, MICH.
Contract Seed Growers
Bean, Cucumber, Tomato, Radish, Pea, Squash, Muskmelon, Watermelon, Sweet Corn.
Correspondence Solicited

ONION SEED — ONION SETS
We are extensive growers and dealers. Write for prices on the 1911 crop. We are also submitting contract figures for the 1912 crop of Onion Seed.
SCHILDER BROS., CHILLICOTHE OHIO

The C. Herbert Coy Seed Co.
VALLEY, Douglas County, NEB.
Wholesale Growers of High Grade Seeds.
Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

GLADIOLI

Try GOLDEN QUEEN and PRESIDENT TAFT for forcing.

One customer writes under date of May 25th: —

"The Golden Queen that I ordered from you were planted in a carnation house on February 7th, and we are now getting fine spikes and handsome flowers. I find your variety to be one week earlier than Mrs. Francis King, ten days earlier than Augusta and two weeks ahead of America. They have been perfectly satisfactory in every way."

I have also a fine stock of Mrs. King, Klondyke, Taconic, Independence, Brenchleyensis, Geo. Paul and other kinds. Write for trade list.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

grown sweet pea seed was better than well-grown English seed, but it is clear that the writer of the above has no earthly idea of the seed growing conditions of California, or such a statement would never have been made, for, as a matter of fact, the conditions there are ideal for the production of perfect seed, and as the temperature is equable, neither too hot nor too cold, the resulting crops are unsurpassed, having the highest germinating qualities and being full of vigor. The seed is planted during February, the temperature at that time and during the earlier stages of growth ranging from 40 degrees to 50 degrees, while during the summer and ripening period it seldom goes above 75 to 80 degrees. As a rule there are no rains after April, but during July and August heavy fogs come in from the sea each night, thus supplying all the moisture required for the growth of the plant and also preventing the pods from bursting and ripening prematurely. As regards the soil, it is questionable if it has its equal in the world, the depth of virgin soil in some localities being hard to determine, and as no artificial fertilizer of any description is used the sweet pea in California develops a natural growth, never being forced by stimulants, the results being that disease is practically unknown."

IMPORTS FROM HOLLAND.

The S. S. Noordam, from Rotterdam, arriving at New York December 13, had the following horticultural consignments:

Roehrs, J., & Co., 115 cases plants.
Buckingham, E. T., 2 cases trees.
Zangen, O. V., 9 cases bulbs.
Henderson, P., & Co., 6 cases bulbs.
Reddin & Martin, 1 case bulbs.
Richard, C. B.,, & Co., 1 case trees.
Hutchison & Co., 1 case trees.
Stumpp & Walter, 2 cases trees.
Darrow, H. F., 23 bags seed.
Kennedy & Moon, 28 bags seed.
Maltus & Ware, 69 packages trees.

VALLEY PIPS.

The S. S. President Lincoln, from Hamburg, arriving at New York December 14, had the following consignments of lily of the valley pips:

Consignee.	Cases.
Darrow, H. F.	309
Lunham & Moore	275
Maltus & Ware	26

The same steamer brought New Mexican consignments of other horticultural

BEGONIAS — GLOXINIAS

Due to Arrive—Write for Prices

New Crop Seed—CLEMATIS PANICULATA, SCARLET SAGE

and a full line of Florists' Flower Seeds.

Headquarters for WINTER FORCING RHUBARB

$1.50 per dozen; $10.00 per 100; Special price by the 1000.

See our Clearance Dutch Bulb Offer in last issue.

JOHNSON SEED COMPANY

217 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

Our **Gladioli** are noted the world over for **Superior Merit**

WRITE FOR PRICES.

JOHN LEWIS CHILDS FLOWERFIELD, Long Island, N.Y.

Mention The Review when you write.

BULB BARGAINS

French Romans, 12-15, 100, $1.75.
Forcing Hyacinths, 100, $2.00.
Tulips, Pottebakker, yellow, 100, 70c.
" Rose Grisdelin, 100, 50c.
" Single Superfine, mixed, 100, 40c; 1000, $3.50.
" Double Superfine, mixed, 100, 40c; 1000, $3.50.
" Parrots, finest mixed, 100, 40c; 1000, $3.50
" Macrospeila, 100, 50c.
" Late, single, mixed, 100, 40c; 1000, $3.50.
Narcissus, Double Incomparable, 100, 50c.
Freesias, Mammoth, 100, 50c; 1000, $4.50
Ornithogalum Arabicum, 100, 60c.
Scilla Sibirica, 100, 50c.
Single Snowdrops, 100, 35c.
Double Snowdrops, 100, 50c.
Cash with Order.

G. H. HUNKEL CO., Seedsmen

MILWAUKEE, WIS.

Mention The Review when you write.

Our New Gladiolus

"PRINCEPINE"

Is now being offered to the trade.

Write for literature and prices.

W. E. Kirchhoff Co.

Gladiolus Specialists, Pembroke, N. Y.

Mention The Review when you write.

WANTED

A Million Gladiolus Bulbs

We can use any part of the following:

400,000 America
300,000 Mrs. King
300,000 Augusta

First size bulbs.

If you can furnish 5000 or more of any one of these varieties, write us at once. This is a bona fide Want—first-class house that didn't come into the market until too late to make growing contracts for this year's crop. Spot cash. All replies confidential.

Address No. 188, care Florists' Review, Chicago

Are you open to make growing contract for 1912 crop? Write.

Always mention the Florists' Review when writing advertisers.

Let Ayres' Superior Orchid-Flowering Sweet Peas

Follow Your Mums

The Fine Unsurpassed varieties

Asta Ohn Spencer, lavender, lb., $2.00. America Spencer, great novelty, red and white striped, lb., $4.00. Florence Morse Spencer, a beautiful light pink, lb., $2.50. Large White Spencer, the unrivaled white, lb., $2.50. Apple Blossom, pink shaded rose, lb., $1.75. Any of the above, oz., 35c. We also have all the winter flowering varieties. Write for our Sweet Pea Catalogue.

Ayres' Re-selected Grand Rapids Lettuce Seed

Is universally used by florists. Oz., 15c; lb., $1.25.

S. B. AYRES CO. Sunnyslope, Independence, Mo.

Florists—Nurserymen—Seedsmen

——10 miles east of Kansas City, Mo.——

Mention The Review when you write.

Salvia Seed, 1911 Crop

(Our own growing.)

Bonfire, ½ oz., 60c; 1 oz., $1.00. Zurich, ½ oz., $1.50; 1 oz., $2.50. Above seed is from selected stock.

Geranium Rooted Cuttings, extra strong. Alphonse Ricard, $14.00 per 1000. Ready now. Other varieties in January.

Cash, please.

J. P. SIEBOLD, Lancaster, Pa.

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Stokes Seeds Philadelphia

Salvia NEW CROP SEED

Salvia Splendens, 25c tr. pkt.; $1.25 oz.; $4 00 ¼ lb.; $14.00 lb. **Salvia Clara Bedman** or **Bonfire**, 40c tr. pkt.; $1.50 oz.; $5.00 ¼ lb.; $18.00 lb.

STOKES' SEED STORE

219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

Paper White Narcissus Lilium Giganteum

DUTCH BULBS

Full Line of Stock. Write for Prices.

D. RUSCONI

126 W. 6th St., CINCINNATI, O.

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SURPLUS OF

L. Multiflorums 7-9

Write for prices.

The Yokohama Nursery Co., Ltd.

No. 31 Barclay Street, NEW YORK

Mention The Review when you write.

Ant. C. Zvolanek

Originators

Winter-Flowering Sweet Pea Seed

Bound Brook, New Jersey

Mention The Review when you write.

PRIMULA

Chinensis Obconica

Unrivaled for size of flower, purity of color and highest development. They represent the best specialists have so far produced. Seeds and plants.

J. L. SCHILLER, Toledo, O.

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XXX SEEDS

ALYSSUM SNOWDRIFT, most dwarf and compact, very fine, pkt. 20c.
ANTIRRHINUM, New Giant, white, rose and yellow. **Separate or Mixed**, pkt. 20c.
PETUNIA STAR, improved, finest marked flowers, very fine, pkt. 20c.
PETUNIA, Giant, single fringed, large and fine, very choicest mixed, pkt. 20c.
PETUNIA, Giant Double Fringed, very fine, trade pkt. 50c. Mixture of the best improved vars.
SALVIA, Bonfire, finest grown, brilliant scarlet and compact. Large pkt. 20c.
PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt. 20c.
CHINESE PRIMROSE, finest grown, single and double mixed, 600 seeds, $1.00; ½ pkt. 50c.; 1000 seeds, $1.50. Separate colors or mixed.
PRIMULA KEWENSIS, the grand new sweet-scented yellow Primrose, pkt. 20c.
CINERARIA, large-flowering dwarf, mixed, 1000 seeds, 50c.; ½ pkt. 25c.
CYCLAMEN GIGANTEUM, finest giants, mixed, 250 seeds, $1.00; ½ pkt. 50c.; 1000 seeds, $3.50.
GIANT PANSY, finest grown, critically selected, 6000 seeds, $1.00; ½ pkt. 50c.
COLEUS, New Hybrids, fine colors. Best New Giants, pkt. 20c. Very brilliant and showy.
LOBELIA, Blue Ball, dwarf, dark blue, finest of all Lobelias, pkt. 20c. Be sure to sow of this.
TORENIA FOURNIERI, New Giant, extra fine, pot plant, pkt. 20c. Showy.
CANDYTUFT, New Giant Hyacinth-flowered, a great cutter, pkt. 20c.
SWEET WILLIAM; new colors of large white-centered, fine, pkt. 20c. Newest giants.
COLUMBINE. New blue with yellow spurs, extra, pkt. 20c. Grand Novelty.
SHAMROCK, Irish Green, pkt. 20c.
VERBENA, Improved Mammoth, finest giants grown, mixed or separate of purple, white, scarlet, pink, striped, white-eyed. Tr. pkt. 20c.
HELIOTROPE, finest mixed, pkt. 20c.
BROWALLIA, New Giant Blue, pkt. 20c.
CUPHEA. Giant Cigar, fine, pkt. 20c.
GAILLARDIA GRAND, New Giant, pkt. 20c.
COBAEA SCANDENS, extra fine vine, pkt. 20c.
THUNBERGIA, mixed (Black-eyed Susan), fine, pkt. 20c.
ORIENTAL POPPY COLOSSUS, 10 inches diameter, grand and gorgeous, pkt. 20c.
CASH. Liberal extra count.

JOHN F. RUPP, Shiremanstown, Pa.

Mention The Review when you write.

FOTTLER-FISKE-RAWSON CO. FANEUIL HALL SQUARE

STOCKS

Boston Flower Market has had wo n separate colors.

⅛-oz., 60c; ¼-oz., $1.00; oz., $4.00

BOSTON

Mention The Review when you write.

Asparagus Plumosus Nanus

New Crop—Greenhouse-grown

100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $3.50; 10,000 seeds, $30.00.

Sprengeri, 25c per 250 seeds; 75c per 1000 seeds; $2.75 per 5000 seeds.

Our Flower Seed Catalogue free on application.

THE MOORE SEED CO., 125 Market St., Philadelphia

F. W. O. SCHMITZ

PRINCE BAY, N. Y.

Wholesale Grower, Exporter and Importer of all plants, roots and bulbs in season.

Correspondence Solicited

Bridgeman's Seed Warehouse

Est. 1824. RICKARDS BROS., Props.

Importers and growers of high-grade

SEEDS, BULBS, PLANTS, Etc.

37 East 19th St., NEW YORK CITY

Telephone 4235 Gramercy

The French pronunciation for baggage sounds just like "by-gosh"—and since the French language is supposed to be the most beautiful, we see no reason why we should not say, "By-gosh, Horseshoe Brand Lily Bulbs are the finest in the world." And so they are—more care and hard work is devoted to them than to any other brand known. From the selection of seed-bulblets to harvesting, nothing is left undone to promote quality. Naturally, it costs a little more to do it so good, but not one bit more than the goods are worth. Nothing better in the world in lily bulbs.

Wait for the Horseshoe Brand Man.

RALPH M. WARD & CO.

12 West Broadway

Not How Cheap But How Good **NEW YORK**

Horseshoe Brand Bulbs for immediate shipment.

FORMOSUM

6/7.....	$10.00 per case 350 bulbs
6/8.....	15.00 per case 370 bulbs
7/9.....	18.00 per case 300 bulbs

GIGANTEUM

6/ 8....	$20.00 per case 400 bulbs
7/ 8....	21.00 per case 350 bulbs
7/ 9....	22.50 per case 300 bulbs
8/10....	25.00 per case 250 bulbs
9/10....	24.00 per case 200 bulbs
10/11....	22.50 per case 150 bulbs
11/12....	22.00 per case 130 bulbs

All F. O. B. New York.

Terms 3 months, or 5% for cash with order. Cold Storage deliveries at any time during the season.

Fall deliveries of advance orders of Japan Lily Bulbs can be made f. o. b. New York, Pittsburgh, Chicago, Cincinnati, Memphis and Toronto, or any other city, in lots of 250 cases upwards.

LILIUM HARRISII

(THE BERMUDA EASTER LILY)

LET US SUPPLY YOUR WANTS IN LILIES THIS SEASON

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers whose stocks have been worked up from the true, original stock. In order to insure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used; this prevents disease and insures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock and when this is disposed of we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

6- 7 inch bulbs, 335 to the case,	$15.00 per case;	full thousand lots, $ 40.00 per 1000
7- 9 inch bulbs, 200 to the case,	16.00 per case;	full thousand lots, 75.00 per 1000
9-11 inch bulbs, 100 to the case,	18.00 per case;	full thousand lots, 175.00 per 1000

FERNS

We have an exceptionally nice lot of ferns in the following varieties—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6-inch pots	$0.50 each
Nephrolepis Elegantissima, Piersoni, Bostoniensis and Harrisii, heavy 8-inch plants	$1.00 to 1.50 each
Nephrolepis Elegantissima, Bostoniensis and Harrisii, heavy 10-inch plants	2.50 each

F. R. PIERSON CO., TARRYTOWN-ON-HUDSON, N. Y.

Mention The Review when you write.

commodities. In addition to large consignments of clover and grass seeds to order, there were the following:

McHutchison & Co., 206 cases plants.
Hopkins, J. L. & Co., 20 packages roots, etc.
Vaughan's Seed Store, 3 packages seeds.
American Express Co., 905 bags seed.
Sheldon, G. W. & Co., 651 bags clover seed.
American Express Co., 124 packages clover seed.
Weeber & Don, 1 cask seeds.
Darrow, H. F., 4 packages seeds, etc.
Darrow, H. F., 8 bags peas.
Henderson, P., & Co., 1 case seeds.
Kingsland, W. J., 4 packages roots, etc.
Schulz & Ruckgaber, 200 bags seed.

CATALOGUES RECEIVED.

Albert Schenkel, Hamburg, Germany, general catalogue of seeds and plants; C. H. Frey, Lincoln, Neb., list of Christmas plants; Wilhelm Pfitzer, Stuttgart, Germany, seeds, bulbs and plants; H. V. Lawrence, Falmouth, Mass., Christmas greens; Livingston Seed Co., Columbus, O., wholesale and general lists; W. E. Kirchhoff Co., Pembroke, N. Y., gladioli; Arthur T. Boddington, New York, general catalogue; Ebbert Seed Co., Rocky Ford, Colo., general catalogue; C. C. Morse & Co., San Francisco, Cal., seeds, bulbs, plants and trees; W. Atlee Burpee & Co., Philadelphia, Pa., seed annual for 1912; John Lewis Childs, Flowerfield, N. Y., trade list of gladioli and other bulbs and plants; L. L. Olds Seed Co., Madison, Wis., seeds for the farm and garden; M. Leenders & Co., Steil-Tegelen, Holland, new roses for 1912.

Calendars Received.

From H. R. Fisher, Marysville, Kan.; International Harvester Co., Chicago, for its branches; Regan Printing House, Chicago.

LILY OF THE VALLEY

BRUNS' EARLY FORCING
$1.75 per 100; $15.00 per 1000.

CHICAGO MARKET BRAND

New stock—now ready. Best stock for early forcing, if strictly fancy Valley is wanted. My grower writes: "The finest shipment that is going to the U. S. this season," and he knows. Order now—This grade is scarce.

$2.00 per 100; $16.00 per 1000.

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Lilium Longiflorum.....7x 9	$4.50	$40.00	Lilium Album 9x11	$11.00	$100.00
Lilium Longiflorum.....9x10	8.00	75.00	Lilium Rubrum and Melpomene 8x 9	4.50	40.00
Lilium Formosum.....9x10	8.50	80.00	Lilium Rubrum and Melpomene 9x11	8.00	75.00
Lilium Auratum.....8x 9	5.00	45.00			
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Bedding Queen, most beautiful pink Wax Begonia	2.50	.50
Vernon, fine red	1.25	.25
CYCLAMEN Persicum Splendens Giganteum, finest colors, assorted, 1000 seeds	5.00	.75

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Philadelphia, Dec. 20, 1911.

	Per doz.
Beauty, Specials	$5.00 @ $6.00
" Extra	4.00
" Medium	2.50 @ 3.00
" Short	1.50 @ 2.00
	Per 100
The Killarneys, Fancy	$8.00 @ $12.00
" Select	5.00 @ 6.00
" Ordinary	3.00 @ 4.00
My Maryland, Bride, Richmond—Fancy	8.00 @ 12.00
Select	5.00 @ 6.00
Ordinary	3.00 @ 4.00
Melody	4.00 @ 12.00
Carnations, Fancy	6.00
" Select	4.00 @ 5.00
" Ordinary	2.00 @ 3.00
Cattleyas ...per doz., $7.50 @ $9.00	
Dendrobium, per doz., 5.00 @ 6.00	
Oncidiums	5.00
Vandas	20.00
Cypripediums	15.00
Gardenias.. per doz., $2.00 @ $4.00	
Easter Lilies, per doz., 1.25 @ 1 50	
Callas.....per doz., 1.00 @ 1.50	
Valley	3.00 @ 4.00
Sweet Peas	.50 @ 1.25
Violets, single, fancy	.75 @ 1.00
" " ordinary	.35 @ .50
" double, fancy	1.00 @ 1.25
" " ordinary	.75
Daisies	1.00 @ 1.50
Bouvardia	3.00 @ 4.00
Snapdragon	2.00 @ 4.00
Pansies	.50
Lilacs.....per bunch, $1.00	
Stevia	1.00
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 4.00
Mignonette	4.00 @ 6.00
Poinsettias .....doz., $2.00 @ $4.00	

Buffalo, Dec. 20, 1911.

	Per doz.
Beauty, Specials ..per doz.,	$12.00
" Fancy..... "	10.00
" Extra ..... "	6.00
" Firsts ..... "	5.00
" Shorts..... "	1.00
	Per 100
Bon Silene	$ 4.00 @ $ 5.00
Bride and Maid	6.00 @ 15.00
Killarney	6.00 @ 20.00
White Killarney	6.00 @ 20.00
Richmond	6.00 @ 20.00
Maryland	6.00 @ 15.00
Carnations	3.00 @ 8.00
Lily of the Valley	3.00 @ 5.00
Longiflorums	10.00 @ 12.00
Violets	1.00 @ 2.00
Mignonette	3.00 @ 5.00
Sweet Peas	1.00 @ 1.50
Paper Whites	3.00
Romans	3.00
Stevia	1.00 @ 1.25
Callas	8.00 @ 10.00

Milwaukee, Dec. 20, 1911.

	Per doz.
Beauty, Long	$10.00 @ $12.00
" Medium	6.00 @ 8.00
" Short	3.00 @ 4.00
	Per 100
Richmond	$ 8.00 @ $25.00
Killarney	8.00 @ 25.00
White Killarney	8.00 @ 25.00
Carnations	5.00 @ 8.00
Valley	3.00 @ 4.00
Lilies	10.00 @ 12.50
Violets	2.00 @ 2.50
Snapdragon .....bunch, 35c @ 75c	
Paper Whites	3.00
Stevia	1.50 @ 2.00

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GREENHOUSES, OAKLAWN, R. I.

Wholesale Cut Flower Prices.

Boston, Dec. 20, 1911.

	Per 100
Beauty, Specials	$40.00 @ $60.00
" Extra	15.00 @ 30.00
" Short Stems	4.00 @ 12.00
Killarney	3.00 @ 12.00
White Killarney	2.00 @ 10.00
My Maryland	3.00 @ 8.00
Mrs. Aaron Ward	2.00 @ 10.00
Lady Hillingdon	2.00 @ 10.00
Richmond, Rhea Reid	3.00 @ 16.00
Carnations	2.00 @ 5.00
Cattleyas	40.00 @ 50.00
Cypripediums	8.00 @ 10.00
Pansies	.50 @ 1.00
Lily of the Valley	1.50 @ 3.00
Lilium Longiflorum	10.00 @ 12.00
Gardenias	4.00 @ 16.00
Violets, single	.75 @ 1.00
" double	.75 @ 1.00
Sweet Peas	.50 @ .75
Antirrhinums	3.00 @ 5.00
Marguerites	1.00 @ 2.00
Paper White Narcissi	1.00 @ 1.50
Roman Hyacinths	1.00 @ 1.50
Mignonette	3.00 @ 8.00
Stevia.....per bunch, 15c @ 25c	
Bouvardia, per bunch, 50c @ $1.00	
Poinsettias.....doz., $2.00 @ 6.00	

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and Jobbers of
FLORISTS' SUPPLIES
Columbus, : Ohio
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Chicago, Dec. 20, 1911.

	Per doz.
Beauty, long stems	$12.00
" 36-in. "	10.00
" 30-in. "	9.00
" 24-in. "	8.00
" 20-in. "	6.00
" 15-in. "	4.00
" 12-in. "	2.50
" short "	$1.00 @ 2.00

	Per 100
Killarney	$ 6.00 @ $25.00
White Killarney	6.00 @ 25.00
Richmond	8.00 @ 85.00
My Maryland	6.00 @ 25.00
Mrs. Jardine	6.00 @ 25.00
Rhea Reid	15.00 @ 50.00
Mrs. Aaron Ward	8.00 @ 25.00
Prince de Bulgarie	8.00 @ 25.00
Melody	8.00 @ 25.00
Carnations	4.00 @ 10.00
Valley	3.00 @ 5.00
Easter Lilies	12.50
Cattleyas...per doz., $6.00 @ $12.00	
Violets	1.25 @ 2.00
Sweet Peas	.75 @ 1.50
Paper Whites	2.00 @ 4.00
Romans	2.00 @ 4.00
Mignonette	4.00 @ 8.00
Bouvardia	6.00 @ 10.00
Stevia	1.50 @ 2.00

Pittsburgh, Dec. 20, 1911.

	Per doz.
Beauty, Specials	$10.00 @ $12.00
" Fancy	6.00 @ 8.00
" Medium	4.00 @ 5.00
" Short	1.00 @ 3.00

	Per 100
Killarney	$6.00 @ $20.00
White Killarney	6.00 @ 20.00
Richmond	6.00 @ 20.00
My Maryland	6.00 @ 20.00
Carnations	4.00 @ 12.00
Cattleyas	75.00
Oncidiums	4.00
Valley	4.00 @ 5.00
Lilies	12 00
Violets, double	1.25 @ 2.00
Daisies	3.00
Romans	1.00 @ 4.00
Paper Whites	4.00
Stevia	1.00 @ 2.00
Sweet Peas	1.25 @ 2.00
Lilac....per bunch, $1.00 @ $1.50	
Baby Primroses	.20
Mignonette	3.00 @ 6.00

Cincinnati, Dec. 20, 1911.

	Per doz.
Beauty, Extra	$12.00
" No. 1	10.00
" No. 2	$4.00 @ 6.00

	Per 100
Killarney	$ 4.00 @ $10.00
Richmond	8.00 @ 15.00
Bride	4.00 @ 13.00
Carnations	6.00 @ 8.00
Lilium Harrisii	10.00 @ 15.00
Lily of the Valley	4.00
Cattleyas	60.00
Violets	1.50 @ 2.00
Narcissi	3.00 @ 4.00
Stevia	bunch, 35c
Sweet Peas	1.00 @ 2.00
Poinsettias	doz., $1 50 @ 4.00

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We manufacture all our Metal Designs, Baskets, Wire Work and Novelties.

We Are 'Way Ahead
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☞**Consignments of Choice Cut Flowers solicited.** **Prompt payments.** **Give us a trial.**

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1888 **GUNTHER BROS.** 1911

Wholesale Florists

110 West 28th Street, New York

Tel. 551 Madison Square,

Consignments solicited of

FRESH CUT FLOWERS

Always Mention the...

FLORISTS' REVIEW

When Writing Advertisers

N. LECAKES & CO.

58 W. 28th St., NEW YORK

Tel. No. 1415-1416 Madison Square



Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street, and 34th Street Cut Flower Market.



SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.

Green and Bronze Galax Leaves.

P. J. SMITH

Successor to John I. Raynor. Wholesale commission florist. Selling agent for largest growers. A full line of choice Cut Flower Stock for all purposes by the 100, 1000 or 10,000. Consignments solicited. Telephone 1998 Madison Square.

The Home of the Lily

49 WEST 28th ST., NEW YORK CITY

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RUSSIN & HANFLING

Office and Salesroom

114 West 28th Street, NEW YORK CITY

Tel. 3053 Madison Sq.

Manufacturers and Importers of

WILLOW AND FANCY BASKETS FOR FLORISTS

Dealers in Florists' Supplies

☞ Our Specialties, Wheat Sheaves and Baskets.

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WILLIAM H. KUEBLER

Wholesale Commission Dealer in

CUT FLOWERS

Room for the products of growers of first-class stock. We have what you want when you want it.

28 Willoughby St., Brooklyn, N. Y.

TEL. 4591 MAIN

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ROSES AND CARNATIONS

Extra Fine—Fancy Ferns

Detroit Cut Flower Supply House

Wholesale Commission Florist **H. V. PEARCE, Pres.**

6 Adams Ave. W., Detroit, Mich.

Consignments solicited

Mention The Review when you write.

George Saltford

WHOLESALE FLORIST

129 West 28th Street, New York City

Tel. No. [illegible] Madison Sq.

We have room for a few more good growers. Prompt payments and top prices.

Mention The Review when you write.

Nursery Stock For Florists' Trade

Large General Assortment for Spring Planting

WRITE FOR TRADE LIST

W. & T. SMITH COMPANY, Geneva, N. Y.

800 ACRES — 65 YEARS

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Officers for 1911-12: Pres., J. H. Dayton, Painesville, O.; Vice-pres., W. H. Wyman, North Abington, Mass.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-seventh annual meeting, Boston June 1912.

A CO-OPERATIVE nursery is being planned at Lovell, Wyo.

ADAIR & SWAN is the name of a new nursery firm at Havelock, Neb.

THE Winfield Nursery Co., of Winfield, Kan., is now occupying new offices in the A. O. U. W. building.

OSCAR P. NICHOLS, for forty years president of the Davenport Nurseries Co., died at Davenport, Iowa, December 15, aged 82.

A CONTRACT for $3,656 worth of trees and shrubs for the state capitol at Madison, Wis., has been awarded to Ellwanger & Barry, of Rochester, N. Y.

CITRUS MEN MEET.

A called meeting of the Gulf Coast Nurserymen's Association was held in the rooms of the Citrus Club at Houston, Tex., December 9. The meeting was attended by the majority of the leading nurserymen of the coast country. Reports were made from every section of the orange and fig growing belt regarding the extent of the damage done by the freeze of November 30. After receiving many verbal reports and letters from the members of the association, the following official statement to the public was issued:

Reports from throughout the coast country indicate that all citrus groves three years of age and over, as well as fig orchards, were practically uninjured by the recent cold spell. Damage to younger orchards and to nursery stock has not yet been fully ascertained.

W. A. Stockwell, President.
I. M. Johnson, Secretary.

The consensus of opinion, as stated by the president and secretary of the association, that the older orange and fig trees went through the freeze without injury, is certainly encouraging, and shows the wonderful cold-resisting power of the Satsuma orange and the Magnolia fig. That the nursery stock is injured is no wonder, as the temperature fell to 20 degrees at a season before this stock had fully ripened its wood.

THE WESTERN ASSOCIATION.

The Western Association of Nurserymen held its twenty-second meeting at Kansas City December 13 and 14, with an attendance of about fifty members. There was the usual program of talks on trade subjects, one of the great points of value in the association being the thoroughness with which it keeps its members informed of trade and crop conditions in the territory from which the membership is drawn. The national aspect also comes in for consideration and the federal quarantine bill got the same treatment that is accorded to it wherever nurserymen get together. A protest was framed against placing the very life of the nursery trade in the hands of any single department official at Washington.

Officers were elected as follows: President, E. S. Welch, Shenandoah, Ia.; vice-president, F. A. Weber, St. Louis; secretary-treasurer, E. J. Holman, Leavenworth, Kan.

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City. Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS, Nurserymen and Florists RUTHERFORD, N. J.

Mention The Review when you write.

Clematis Paniculata

Strong, Field-grown Stock.

2-year, No. 1, $7.00 per 100; $60.00 per 1000.

Extra selected, $8.00 per 100; $70.00 per 1000.

VICK & HILL CO.

P. O. Box 613 ROCHESTER, N. Y.

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LEEDLE SPRINGFIELD ROSES

2½-in. Shipping — Booking — 4-in. Growing

FIELD GROWN SHRUBS IRIS PÆONIES ROSES THE USN CO

The United States Nursery Co.

Roseacres, Coahoma Co., MISS.

Mention The Review when you write

FINEST CANNAS

IN THE WORLD

See our 2-page ad. in issue of Nov. 16th.

The Conard & Jones Co.

WEST GROVE, PA.

Mention The Review when you write.

HARDY CHOICE

ORNAMENTALS

Ask for Prices

Hiram T. Jones

Union County Nurseries, Elizabeth, N. J.

FRUIT TREES Prices Reasonable — APPLE and PEACH. Large stock Fine Trees, commercial varieties. **Mitchell Nursery,** Beverly, Ohio

CINCINNATI.

The Gateway to the South.

Last week was a busy one in supplies and greens. The wholesalers were rushed continually to get their orders out on time. Boxwood is proving more popular than heretofore, while other greens and decorative material are holding their own. More crimped wire rings for holly wreaths are being utilized than heretofore.

The cut flower market started this week with an active demand in almost all lines. The entire preceding week, on the other hand, was listless. The offerings were only ordinary in size and the demand as a whole was even less. Cloudy weather during that time has also given the growers a rough road

ROSES FOR FORCING

"THE J. & P. PREFERRED STOCK"

We consider the deliveries we are now making to be the best plants we have ever grown. We have a few left for late buyers.

CRIMSON RAMBLER, HIAWATHA, VEILCHENBLAU (Blue Rambler), WHITE DOROTHY, PHILADELPHIA RAMBLER, at $15.00 per hundred.

TAUSENDSCHON .....$18.00 DOROTHY PERKINS $12.00

BABY ROSES

Crimson, Baby Rambler, $15.00 per 100.
White, Katherine Zeimeth, $15.00 per 100.
Pink, Mrs. Cutbush, $15.00 per 100.
Scarlet, Jessie, $3.00 per dozen.
(The BEST Baby Rose for pot culture.)

The following bush roses at $15.00 per hundred:

American Beauty, La France, Killarney, Hermosa, Leonie Lamesch, Hugh Dickson, Mme. Caroline Testout, Kaiserin, Duchess of Albany, Etoile de France, Clothilde Soupert, White Cochet, Gruss an Teplitz, Anny Muller, Maman Cochet, Magna Charta.

All fine forcing grade, the very best plants selected out of immense blocks.

HALF-STANDARDS, Baby Ramblers, imported, at $3.00 per dozen.

JACKSON & PERKINS CO., Rose Growers for the Trade. Wholesale Only. **Newark, New York.**

Mention The Review when you write.

to travel for the holidays. Even at that there promises to be more stock available than in other years, when the wholesalers always ran short of the call.

The rose cut promises to be good in all varieties except, perhaps, American Beauties. They seem to be shortening considerably and at the time of this writing are less in quantity than could easily be used. Carnations are coming in better each day. There will apparently be a goodly supply of colored ones for the holiday trade. Poinsettias seem to be at their best this year. Most of the bracts offered so far have been choice ones and if reports are accurate there are many more of a similar kind awaiting the grower's knife to start them into the market. Advance orders for them are large.

This week other lines began to grow active. The supply of lilies is normal and prices have found higher levels. Many good callas are included in the offerings. The demand for orchids, valley and double and single violets is so good that they are cleaning up quickly. Narcissi are dragging.

Various Notes.

C. E. Critchell finds a heavy call for poinsettias for the holiday week.

P. J. Olinger went to the greenhouses at New Castle December 15 to figure his prospective cut for the holidays.

L. H. Kyrk has for the last fortnight been offering a variety of double stevia that has made a hit with the buyers.

Wm. Murphy has been "shooting" large numbers of boxes to his out-of-town customers.

J. L. Mulford, of Lebanon, O., was killed December 10, when a stone wall fell and crushed him.

Clarence J. Ohmer, of West Palm Beach, Fla., has been shipping excellent plumosus to E. G. Gillett.

The cut flower department of the J. M. McCullough Sons' Co. reports a strong demand for Killarney and carnations.

Geo. Magrie has easily disposed of a carload of holly.

J. T. Conger, the Hartwell florist, has an elegant house of Nonin chrysanthemums that are a clever ad, for passengers on the cars that pass his plant can see them easily.

Callers: Louis D. Singer, Lexington, Ky.; O. C. Heberling, Georgetown, O.; Mr. Anderson, the nephew of Fennel the orchid man at Cynthiana, Ky.; Charles Weltz, Wilmington, O.; John Evans, Richmond, Ind., and Chas. Dietrich, Maysville, Ky. C. H. H.

California Privet

Grown as a Specialty

You go to a specialist in other lines of business because you know you will get the best service. This applies to growers of nursery stock as well. Give me a trial and be convinced.

I have a large block to move this fall and will quote you prices that will enable you to get California Privet business. The stock will be as fine as can be grown. Send your list at once.

I AM GROWING CALIFORNIA PRIVET TO SELL, AND I SELL IT. THERE MUST BE A REASON.

C. A. BENNETT, Robbinsville, N. J.

Mention The Review when you write

PEONIES

We have one of the finest stocks anywhere in the country and should be very glad to figure with you on your list of wants.

PETERSON NURSERY,
Stock Exchange Building, CHICAGO

Mention The Review when you write.

Peonies

ROSE GARDENS, NORTH EMPORIA, VA.

Mention The Review when you write.

California Privet

A full supply for all who need well grown, well graded, well rooted and well packed 2-year-old

California Privet

Only strong branches counted. Satisfaction guaranteed.

	Per 100	Per 1000
12 to 15 in., branches	$1.00	$ 7.00
15 to 20 in., 3 or more branches	1.50	10.00
20 to 30 in., fine, 4 or more branches	2.00	15.00
2½ to 3 ft., strong, 6 or more branches	3.00	25.00
3 to 4 ft., extra hv'y, 8 or more branches	4.00	30.00

10 per cent off on 5000 lots of the first four grades. Special low rates on car lots. Correspond before purchasing.

Chas. Black, Hightstown, N. J.

Mention The Review when you write.

LARGE TREES
OAKS AND MAPLES, PINES AND HEMLOCKS
ANDORRA NURSERIES
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Always mention the Florists' Review when writing advertisers.

CLEVELAND.

The Market.

Everybody is waiting for the big rush that is sure to come Saturday, Sunday and Christmas day. Some large orders are being placed for cut flowers, but the big business this year is expected on plants. A week will tell the results. All retailers are stocking up heavily with all kinds of pot plants, such as azaleas, heaths, poinsettias, ardisias, etc. This stock is firm in nearly all cases.

Henry Heepe, of Akron, O., has been in the city buying Christmas stock.

F. M. Swanger, of New London, O., and Mr. Huscroft, of Steubenville, O., were recent visitors. F. A. F.

PACIFIC COAST.

Those on the Pacific coast will take special interest in the illustrations on another page of this issue, showing the store of the Hollywood Gardens, of Seattle, during the recent opening.

Ventura, Cal.—Mrs. E. E. Paquette is establishing a new flower store at 1118 Poli street.

Seattle, Wash.—The Seattle Landscape & Nursery Co. is building a greenhouse at 1255 North Broadway.

Stevenson, Wash.—W. T. Jackson won a silver medal for a fruit exhibit at the fourth national apple show recently held in Spokane.

The Dalles, Ore.—The Tackman Greenhouses have been purchased by a Mr. Gibson, who will conduct the establishment under the old name and will also make arrangements for an enlargement of the business.

Spokane, Wash.—Henry E. Reimers, of the Sunny Slope Greenhouses, has embarked in the retail business by taking over the store of Miss M. Armstrong, at 807 Riverside avenue. He will conduct the store under the name of M. Armstrong & Co.

Olympia, Wash.—C. Klam, proprietor of the Capital City Nursery & Greenhouses, says business has been fairly good this season, but not quite up to some other years. He reports great success in growing Gov. Herrick violets and likes them better than the Princess of Wales.

Elmhurst, Cal.—L. G. Gardner is building two more houses, each 28x200. On account of the annexation of this town to Oakland, the addresses of the residents have been changed in the official records. Mr. Gardner's new address, for instance, is 8403 B street, Station G, Oakland.

TACOMA, WASH.

The Market.

With Thanksgiving over, the growers are now looking forward to the Christmas trade. Everyone seems well pleased with his share of the Thanksgiving trade, and business seemed, if anything, better than in previous years. While the stock was of excellent quality, with a good supply, there was no surplus.

Carnations are now of first-class quality and seem about equal to the demand,

Direct Importations---Tree Fern Stems

Due to arrive in the early spring of 1912.
The grandest and most graceful of all decorative plants.

Alsophila robusta, Dicksonia Antarctica, Dicksonia squarrosa, Cyathea medullaris, Cyathea dealbata, Cyathea Smithii Cyathea Cunninghami.

All sizes from three feet up.

We will also receive specimen plants of Platyceriums and Todeas,

Prices and particulars on application.

MacRORIE-McLAREN COMPANY

711-714 Westbank Bldg., SAN FRANCISCO, CAL. Nurseries, SAN MATEO, CAL.

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ASPARAGUS PLUMOSUS NANUS SEED

Season 1911—1912.

Ready NOW--our own grown seed

In Lots of 1,000 ..... per 1000, $2.50
In Lots of 10,000 ..... per 1000, 2.00
In Lots of 20,000 ..... per 1000, 1.75
In Lots of 50,000 ..... per 1000, 1.50

Write for quotations on larger lots.

Los Angeles Flower Market, 414½ South Broadway LOS ANGELES, CAL.

Mention The Review when you write.

WE ARE HEADQUARTERS FOR

True English Holly

Green and heavily berried.
Largest stock of Cut Flowers, Native Greens, etc., in the northwest.
Wire, phone or write.

Seattle Cut Flower Exchange, 909 Post Street, SEATTLE, WASH.

Mention The Review when you write.

Carnation Rooted Cuttings For January, February and March Delivery.

Beacon, Enchantress, Winsor, $2.00 per 100; $17.50 per 1000. Dorothy Gordon, $3.00 per 100; $25.00 per 1000. Victory, White Perfection, Rose-pink Enchantress, $2.50 per 100; $20 00 per 1000. Healthiest, cleanest plants you can find on Pacific coast. No cuttings taken from outdoor stock.

ASPARAGUS PLUMOSUS NANUS

2½-inch pots, from flats, ready for 3-inch pots ..... per 100, $2.50; per 1000, $20.00

PANSY PLANTS, Henry Mette's Triumph of Giant, per 1000, $5 00.

H. HAYASHI & CO., 73rd Avenue and Thomas Street, Elmhurst, Cal.

Mention The Review when you write.

CYCLAMEN

7-in. pots, per doz	$ 9.00
6-in. pots, per 100	65.00
5-in. pots, per 100	$45.00 to 50.00
4-in. pots, per 100	25.00
Cyclamen, 25,000 August seedling plants, all separate colors ..... per 100, $2.00; per 1000,	18.00
Asparagus Plumosus, 3-in. pots, per 100	7.00
" " 2-in. pots, per 100	3.00
" **Sprengeri**, 3-in. pots, per 100	5.00
" " 2-in. pots, ready for shift, per 100	2.50
Boston Ferns, per 100	$25.00, $40.00 and 50.00
Elegantissima Ferns, 100, 25.00.	40.00 and 50.00
Whitmani Ferns, per 100, 25 00,	40.00 and 50.00

F. O. B. Portland

R. KEIL, - Lents, Oregon

SHASTA DAISIES

Alaska, California and **Westralia,** extra strong field divisions, $24.00 per 1000; $2.50 per 100.

Cyclamen Persicum Giganteum, 3, 4 and 5-in. pots, $7.00, $12.00 and $20.00 per 100. Fine bushy plants, well budded.

Asparagus Plumosus, 3-in., $5.00 per 100.

Asparagus Sprengeri, 3, 4 and 5-in. pots, $5.00, $8.00 and $15.00 per 100.

Also **Shasta Daisy, Pentstemon Hybridum Grandiflorum, Delphinium Hybridum** and other choice seeds. Send for list.

Cash, please.

FRED GROHE, Santa Rosa, Cal.
R. D. 4.

Always mention the Florists' Review when writing advertisers.

CARNATION CUTTINGS
Beacon, $3.00 per 100, $25.00 per 1000. Enchantress, White Enchantress, Perfection, Shasta, Alma Ward, C. W. Ward, Sangamo, Winsor, Robt. Craig, $2.50 per 100, $20.00 per 1000.
Violets, Princess of Wales, Marie Louise, $2.00 per 100.
Chrysanthemum Stock. All standard varieties, stock plants, 5c each; R. C., $2.00 per 100.
Write for price list of 2-year-old roses, perennials, bedding stock, etc.
Van Slyke & Seamons, Tacoma, Wash.
Mention The Review when you write.

while roses are scarce and of a poor grade. California violets are more plentiful and are arriving in good condition. There will be few, if any, Christmas lilies and it looks now as if poinsettias would be scarce also. Many of the azalea shipments came through in bad condition, owing to the cold weather encountered while en route.

Various Notes.

The Florists' Club held its regular meeting on Thursday night, December 7. Much important business came before the club and the following officers were elected for the ensuing year: President, Henry Benthien; vice-president, A. G. Seamons; secretary, Fred Smith; treasurer, A. A. Hinz; trustee, Louis F. Tschunko.

A report of the last meeting of the club bowling team will be found on another page, under the head of "Bowling." J. L. S.

PORTLAND, ORE.

Everything is in Christmas array and all that is left for the final rush is trimming and arranging basket effects. Poinsettias are certainly the predominating flower of the season. The demand for red roses and carnations usually exceeds the supply, so all stock is being carefully looked after. Basket arrangements and fancy fern dishes are in great demand, the window displays being the best evidence of their popularity.

Holly is scarce, and the retailers get $1 per pound for the berried varieties, while the wreaths go at from $1 to $3 each. Beautifully arranged baskets and wreaths of ruscus have also proved good sellers; the brilliancy appeals to the artistic taste. E. R. C.

SAN FRANCISCO.

The Market.

The weather has been uncomfortably warm for several days, with a dry north wind blowing, plenty of dust on the city streets and everything quite the reverse of what it should be in the middle of winter. This portion of California is badly in need of rain and nothing less than a few good, heavy showers will restore general confidence and cause the florists, along with all other trades, to get their share of the money which would be spent with considerable prodigality if a few showers started the ball rolling.

Flowers of all kinds are not overplentiful, nor are they high priced or in as great demand as we should like to see them. When Christmas was only ten days away, the price of carnations was only from 30 to 50 cents per dozen, with almost any quantity in sight. Roses, with the possible exception of some fancy stock, were selling at from 50 cents to $1 per dozen. These prices are fully twenty-five per cent less than they were one year ago, and the stock does not move so fast. Violets are good

Rooted Carnation Cuttings
NOW READY

White	100	1000
White Enchantress	$2.50	$20.00
White Perfection	2.50	20.00
Alma Ward	2.50	22.50
White Wonder	6.00	50.00

Pink	100	1000
Enchantress	$2.50	$20.00
Rose-pink Enchantress	2.00	18.00
Dorothy Gordon	3.00	25.00
Pink Delight	3.00	25.00
Washington	6.00	50.00
Princess Charming	6.00	50.00
Admiration	2.00	18.00

Red	100	1000
Beacon	$2.00	$17.50
Victory	2.00	17.50

Crimson	100	1000
Harlowarden	$1.75	$15.00

Yellow	100	1000
Eldorado	$1.75	$15.00

We quote unrooted cuttings in the issue of Nov. 16.

Express charges on rooted cuttings amounting to $10.00 or more prepaid. 25 at 100 rate; 250 at 1000 rate.
Asparagus Plumosus Nanus, 3½-inch, $5.00 per 100.

Loomis Carnation Co.
D. F. RODDAN & SON, Props. LOOMIS, Placer Co., CAL.
Mention The Review when you write.

Los Angeles Flower Market
CHAS. E. MORTON, MGR. 414½ S. Broadway, Los Angeles, Cal.
The best equipped wholesale house on the Pacific Coast. Handling the entire cut from eighteen large growers. Chrysanthemums, Roses, Carnations, Violets, Plumosus, Ferns, Smilax, in fact everything in season.
FLORISTS' SUPPLIES
Write, telegraph or telephone your orders. Prompt attention given.
Mention The Review when you write

ROOTED CARNATION CUTTINGS December Delivery

	100	1000		100	1000
Rose-pink Enchantress	$2.00	$18.00	Victory	$1.80	$17.00
Enchantress	1 80	17.00	Winona	1.70	16.00
W. Enchantress	2.00	18.00	W. Perfection	2.50	20.00
Beacon	1.80	17 00	G. P. Bassett	2.50	20.00
Harlowarden	1.70	16.00	Winsor	2.00	18.00

All heel cuttings and well rooted. Place your order NOW.
FALLEN LEAF GREENHOUSES, Roseville, Cal.
Mention The Review when you write

Rooted Carnation Cuttings
BASSETT'S FLORAL GARDENS, B. S. BASSETT, Proprietor LOOMIS, CAL.
Mention The Review when you write.

GREENS
We make a specialty of Decorative Greens: Smilax and A. Plumosus Strings, A. Plumosus and A. Sprengeri Sprays. Also cut flowers. Write for prices.
Walter Armacost
OCEAN PARK :: :: CAL.

CARNATION CUTTINGS
Rooted or unrooted.
California Carnation Co., Loomis, Cal.

50,000 PANSY PLANTS
of the best mixtures known, stocky plants, ready to transplant now.....50c 100; $3.00 1000. Cash, please.
F. G. EHLE, 224 Sanborn Ave. SAN JOSE, CAL.
Mention The Review when you write.

Watsonia Ardernei Alba
Good, strong, flowering bulbs, doz., $1.00; 100, $7.00.
Dracaena indivisa, good, hardy plants, for 2-3-in. pots, hundred, $1.00.
By free delivery.
HENRY MELDE, EUREKA, CALIF.
Mention The Review when you write.

STOCK PLANTS OF
Chrysanthemums
of the following varieties: Golden Glow, Major Bonnaffon, Colonel Appleton, October Frost, White Chadwick, Pink Maud Dean, Pacific Supreme and Amateur Conseil, at 60c per dozen; $4.00 per 100.
MEDFORD GREENHOUSE, Medford, Ore.
Mention The Review when you write.

and are about the best selling flower. Orchids are more plentiful, but valley is scarcer. Other lines of stock do not show any material change.

Various Notes.

Otto Saakes, of Los Angeles, has departed for his home town after a short visit spent here.

Walter Edgington is no longer connected with J. A. Carbone, the West Berkeley orchid grower.

Fred S. Higgins is back with the Hackel Floral Co., on Powell street, after an absence from town of several months.

Chas. Bagnall is located with Clarke Bros., in their Oakland store.

T. R. Mansell, formerly connected with the horticultural department of the University of California, is on a six months' trip to England.

Carl Purdy, of Ukiah, Cal., is in town.

A visit to the new range of glass recently erected by the H. M. Sanborn Co. at Berkeley showed plenty of thrifty roses and a good cutting in sight for the holidays. G.

SEATTLE.

The Market.

Business generally, following the Thanksgiving spurt, has been quiet. A lot of fine chrysanthemums are still coming in and indications point to a fair supply for Christmas. Good carnations are meeting with a constant demand. The mild, dull weather is causing rather soft stock, and splits are more in evidence than at any time this season. Paper Whites and Romans are arriving in good shape, but as yet the demand is hardly equal to the supply. California violets are selling well among those who like this class of stock. Christmas trees and greens are, as usual, blocking up vacant lots.

Various Notes.

At the last meeting of the Florists' Club it was decided to give three prizes, of $10, $5 and $3, respectively, for the best design for a florists' float, to be used in next season's Potlatch parade, competition in this design to be open to the world.

At the establishment of the Washington Floral Co., conducted by Mrs. L. W. McCoy, Joe Chalmers, the manager, has a splendid lot of poinsettias. They are preparing to meet a large Christmas demand.

L. P. Walz reports that orders for English holly are coming in. He has secured a good supply of the imported article. Locally, there is not quite the usual supply of berries on the trees.

J. J. Bonnell has just finished unloading five carloads of imported evergreens, roses, etc., from Europe. He pronounces the nursery business good and is rapidly filling up his new grounds at Kirkland, across Lake Washington.

The Burdett Floral Co. had a pretty display of Romans at their store on First avenue and Denny way last week. A massed effect in one window was especially effective.

John Holze, of the Queen City Floral Co., is sadly missing his "better half," who is away in the east, seeing her friends.

John Sahle, at Brighton, has a brother from the east visiting him at present. They made a little trip to Vancouver last week and report favorably of conditions there. T. W.

	Each	Doz.
Kentia Belmoreana		
6-in. pots, 22 to 26-in. high	$1.50	$17.00
6-in. pots, 26 to 30 in. high	2.00	23.00
7-in. pots, 32 to 36-in. high	3.00	35.00
8-in. pots, 38 to 44-in. high	5.00	
9-in. pots, 46 to 52-in. high	7.50	
Phoenix Roebelenii		
5-in. pots	1.00	11.00
6-in. pots	1.75	20 00
Araucaria Excelsa		
6-in. pots, 14 to 16-in. high	1.25	14.00
6-in. pots, 16 to 18-in. high	1.50	17.00
8-in. pots	3.00	
Aspidistra		
7-in. pots	1.50	

Asparagus Plumosus Nanus
3-in. pots.....per doz., $1.00; per 100, $8.00

Ferns, Elegantissima Improved
4-in. pots....each, 25c; per doz., $2.50; per 100, $20.00
8-in. pans.....each, $1.00 and 1.50

Cyperus
6-in. pots.....each, 50c; per doz., $5.00

Anthericum Vittatum Variegatum
5-in. pots.....each, 30c; per doz., $3.00
This makes a better plant in a 5-in. pot than a Pandanus Veitchii; fine for filling Xmas baskets.

Cyclamen Giganteum, in bloom
4-in. pots..... each, 30c; per doz., $3.00
6-in. pots..... each, 60c; per doz., 7.00

Poinsettias	Each	Doz.
5-in. pots, 1 plant in pot	$0.40	$4.50
6-in. pots, 1 plant in pot	.60	7.00
7-in. pans, 4 plants in pan	1.00	
8-in. pans, 4 plants in pan	1.50	

—Cash, please.—

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"The Three Incomparable Reds"
Thos. Stevenson, orange-scarlet Spencer.
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Marguerite Mrs. F. Sander, 2½-in. pots, fine plants, $15.00 per 100.
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Hall Caine Geranium, largest and best bloomer of all, single, red, 2-in. pots, $5.00 per 100.
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WASHINGTONIA ROBUSTA
1, 1½, 2, 2½, 3 and 3½ ft., at 25c, 30c, 40c, 45c, 55c and 75c each (balled plants). Ask for our Wholesale Palm List of all kinds of Palms (Cocos, Phoenix, Seaforthia, etc.) State quantity wanted.
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PALMS PALMS

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	Per plant
WHITE	
Mrs. David Syme	$1.00
Other Varieties	Per doz. / 100
W. Oct. Frost	$0.60 / $4.00
Kalb	.60 / 4.00
White Cloud	.60 / 4.00
Ivory	.60 / 4.00
Virginia Poehlmann	.60 / 4.00
Touset	.60 / 4.00
Alice Byron	.60 / 4.00
W. Eaton	.60 / 4.00
W. Jones	.60 / 4.00
W. Chadwick	.60 / 4.00
Jeanne Nonin	.60 / 4.00
YELLOW	
Yellow Oct. Frost	.75 / 5.00
Monrovia	.60 / 4.00
Oct. Sunshine	.60 / 4.00
Halliday	.60 / 4.00
Yellow Ivory	.75 / 5.00
Major Bonnaffon	.60 / 4.00
Y. Eaton	.60 / 4.00
Golden Chadwick	.60 / 4.00
Yellow Jones	.60 / 4.00
PINK	
Pink Ivory	.60 / 4.00
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	R. C.		2½-in. pots	
	100	1000	100	1000
Enchantress	$2.50	$20.00	$3.50	$30.00
White Enchantress	2.50	20.00	3.50	30.00
Winsor	2.50	20.00	3.50	30.00
Harlowarden	2.50	20.00	3.50	30.00
Beacon	3.00	25.00	4.00	35.00

Woodland Park Floral Co.
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Selling out all nursery stock except Kentias
Phoenix Canariensis, from 12-inch tubs, of fine appearance, 3½ feet, $1.25 each.
Phoenix Canariensis, balled and ready for shipment, 2, 2½, 3, 3½, 4, 4½, 5, 5½ feet, at 40c, 50c, 60c, 80c, $1.00, $1.20, $1.45, $1.75 each.
Phoenix Can., from 2½-inch, $5.00 per 100.
Washingtonia Rob., from 2-inch, $4.50 per 100.
Cocos Plumosa, balled, 3, 4, 5, 6, 7 feet, at $1.50, $2.00, $3.00, $4.50, $6.00 each.
Write for special prices on carload orders.
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Asparagus Plumosus and Sprengeri
Out of 2-inch pots, $3.00 per 100.
Phoenix Canariensis, out of 2½-inch pots, $5.00 per 100.
Washingtonia Sonorae, out of 2-inch pots, $5.00 per 100.
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R. C., $2.50 per 100
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BY GEORGE SALTFORD.
The cultural directions are clear and concise and every detail of successful growing is covered in this neatly printed, freely illustrated pamphlet of 48 pages.
It is said that this book, more than any other agency, has contributed to the wonderful expansion of the Hudson River violet industry the past three years.
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THE NEW YELLOW FORCING ROSE SUNBURST



This magnificent, giant yellow rose has been tested for three years in our benches; it stands head and shoulders above all other sorts of its color and will rank with American Beauty and the Killarneys in value and grandeur—because

It has a long, pointed bud, which can be cut tight for market. It is pre-eminently a long-stemmed rose. The stem is always stiff. It is free in bottom breaks. Is extraordinarily vigorous and healthy. Belongs in the class of **Big Roses.** Its keeping qualities rank with the best. Buds shipped from Richmond last December opened up perfectly in both Philadelphia and New York, where it scored 90 before the Florists' Club.

The color is orange-copper or golden orange and golden yellow, all intense shades, extremely brilliant in effect.

Come and see it growing; we have 8,000 of it benched.

Does splendidly out of doors; will rank high as a bedder. At the Chicago show, 1910, it was awarded the silver cup for the best new rose never before exhibited, and the judges unanimously gave it honorable mention additional. Has created a sensation wherever shown.

Raised by M. Pernet-Ducher, from whom we bought the American rights.

We have divided our stock with Mr. C. H. Totty, of Madison, N. J., to give eastern growers a chance to see it growing. Will be distributed March 1 in America by C. H. Totty and The E. G. Hill Co. Mr. Pernet will distribute same date in Europe.

The American price is $30.00 per 100; $250.00 per 1000 (own roots); $5.00 per 100 additional for grafts

THE E. G. HILL CO., Wholesale Florists, RICHMOND, IND.

ROOTED CARNATION CUTTINGS

	Per 100	Per 1000
Alma Ward, white	$4.00	$35.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
Winsor, pink	3.00	25 00
Pink Enchantress	3.00	25 00
C. W. Ward, deep pink	4.00	35.00
Beacon, red	3 00	25.00

We have the cleanest stock in the West. If you want the best, then send us your early orders. We grow **only** the best commercial varieties, and save you that big freight and express charge from the East. Come any time and see us—and the flowers we grow.

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115 Clinton Place, Kansas City, Mo.

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DOUBLE IMPROVED WHITE KILLARNEY

The *Silver Medal* Rose among novelties at the National Flower Show in Boston. Order now and get early delivery.

Grafted ....$30.00 per 100; $250.00 per 1,000.
Own root... 25.00 per 100; 200.00 per 1,000.

LADY HILLINGDON

A grand flower and one of the easiest to grow.

Grafted ....$25.00 per 100; $200.00 per 1,000.
Own root... 20.00 per 100; 150.00 per 1,000.

ROSE QUEEN
DOUBLE PINK KILLARNEY
MRS. TAFT (Prince de Bulgarie)

Grafted ....$20.00 per 100; $150.00 per 1,000.
Own root... 15.00 per 100; 100.00 per 1,000.

MELODY

Own root...$12.00 per 100; $100.00 per 1,000.

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Grafted ....$15.00 per 100; $120.00 per 1,000.
Own root... 7.00 per 100; 60.00 per 1,000.

S. J. Reuter & Son, Inc., Westerly, L. I.



A WINNER EVERYWHERE

American Carnation Society Certificate of Merit.
Bronze Medal, National Flower Show, Boston, March, 1911.

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GLORIFIED PROSPERITY



QUALITY. **FULL OF CARNATION VIRTUE** **MERIT.**

It is exceptionally free, with large, full, perfectly formed flowers, which sell on sight. **RAINBOW** saves you money—More flowers, higher prices. It means the biggest carnation value you can buy—It creates its own market—It sells on sight. We are maintaining a higher selling rate with Rainbow than with any other carnation we have ever grown. Get acquainted with this excellent seedling—don't delay, buy it now and increase your carnation profits. **RAINBOW** possesses a most remarkable color combination, which makes it one of the most beautiful and most attractive carnations ever produced. It stands for quality and quality counts with the flower buying public. We guarantee our cuttings to be clean, true and well rooted. We can deliver half a million. **ORDER TODAY. $12.00 per 100; $100.00 per 1000. 250 at 1000 rate. Liberal discount on large orders.** See our adv. this paper, Nov. 30, Dec. 7 and 14.

Wanoka Greenhouses, Barneveld, N. Y.

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GLEN COVE, N. Y.

The regular monthly meeting of the Nassau County Horticultural Society was held at Pembroke hall Wednesday afternoon, December 13. President Trepess occupied the chair and there was a good attendance. Joseph Adler, James McCarthy and William Vert were elected to active membership and there was also one application.

There was keen competition for the gold medal offered by Felix Mense, for 100 violets. The winner was A. McKenzie, who also won the society's prizes for carnations, pink and white. Joseph Robinson received a cultural certificate for poinsettias. James McDonald received honorable mention for Enchantress carnations, Herman Boettcher for six heads of lettuce and M. Bosworth for American Wonder lemon. J. McQueen, J. Holloway and E. A. Reidenbach acted as judges.

A letter was read from Elmer D. Smith, offering a prize of $10 for six blooms of Artistic Queen chrysanthemums for the 1912 show. Treasurer Ernest Brown read his annual report, which showed that the society had experienced a prosperous year and that there was a good balance. It was decided to hold, if possible, the annual dinner January 25. J. Holloway offered a prize of $5, to be competed for at the next meeting, for twenty-five carnations, mixed. The exhibits for the society's prize in January will be for a vase of six spikes of antirrhinum, twenty-five sprays of sweet peas and one pot of cyclamen. E. W.

Kutztown, Pa.—Fred N. Baer has had exceptional success this season with Chadwick and Golden Chadwick chrysanthemums and has a souvenir postal, showing a lady and some of the blooms, that he sends to his friends. He tells them that the mums are Chadwicks, but leaves them to guess who the lady is.

Christmas Cheer

CARNATION

In bud and bloom, in 5-in. pots, $ 5.00 per doz.
In bud and bloom, in 8-in. pots, 10.00 per doz.
Just the thing for Xmas. Cash with order, please.

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The Best White Rose Ever Offered

WE SHALL DISSEMINATE

Double White Killarney

We Are Now Booking Orders For March Delivery.

It made a great record at the shows this fall. See it growing at The Budlong Rose Co., in Auburn, R. I., or with us at Cromwell.

Order now to be sure of early delivery.

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Chrysanthemums and Asters

ELMER D. SMITH & CO., ADRIAN, MICH.

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SNAPDRAGONS

Wheeler's Light Pink, early and free; **Wheeler's Deep Pink,** from 1¾-in. pots, $4.00 per 100.

Wheeler's Yellow, from 1¾-in. pots, $3.00 per 100.

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MELODY, own root, from 2½-in. pots, $6.00 per dozen; $30.00 per 100; $70.00 per 250; $250.00 per 1000.

DOUBLE PINK KILLARNEY, own root, $4.00 per dozen; $20.00 per 100; $40.00 per 250; $150.00 per 1000. Grafted plants on Dickson's Manetti stock, $10.00 extra per 100.

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SHARON HILL, Delaware Co., PA.

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Double Killarney is the best pink rose for warm weather. Contracts made for cuttings, eyes or own root plants.

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Asparagus Plumosus, 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Asparagus Sprengeri, 2-in. pots, $2.00 per 100; 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Smilax, 3-in. $4.00 per 100.

Ferns, Boston, Whitmani, Scottii and **Scholzeli,** 4-in. pots, $2.00 per doz.; 5 in., $3.00 per doz.

Dracaena Indivisa, 3-in. pots, $4.00 per 100.

Daisies, white, Paris, Giant, 2½-in. pots, $3.00 per 100.

Clematis Paniculata, strong plants, 2-yr.-old, $10.00 per 100; 1-yr.-old plants, $5.00 per 100.

Hardy English Ivy, 4-in. pots, $10 00 per 100; 3-in. pots, $5.00 per 100.

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Cyclamen Cyclamen

Fine, in bud and bloom.
5-inch, 50c; 6-inch, 75c; 7-inch, $1.00

FERNS

Whitmani, Boston, Scholzeli,
5-inch.....25c 6-inch 40c

Cash or C. O. D.

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Early Cuttings

Place your orders and get

IMMEDIATE DELIVERY

	Per 100	Per 1000
Enchantress, White Enchantress, Beacon,	$3.00	$25.00
White Wonder, Gloriosa, Norwood,	$6.00	$50.00

Dorothy Gordon, $4.00 per 100; $35.00 per 1000
Perfection, - 3.50 per 100; 30.00 per 1000
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Rose-pink Enchant., 2.50 per 100; 20.00 per 1000

J. D. Thompson Carnation Co., Joliet, Ill.

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Carnation Cuttings

QUALITY the first consideration. Only strong, well rooted cuttings from absolutely healthy plants will be shipped. An order now insures your receiving stock when wished for.

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White Wonder Early, free, large pure white, on long, stiff stems	$6.00	$50.00
Gloriosa Delicate light pink	6.00	50.00
Mrs. C. W. Ward Deep pink	3.00	25.00
Sangamo Deep pink	3.00	25.00
May Day Daybreak color	2.50	20.00
Winona Medium pink	2.50	20.00
Winsor Clear pink	2.50	20.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00

Orders will be filled strictly in rotation. Remittances or acceptable references should accompany the order. One-third the amount to be prepaid for cuttings ordered sent C. O. D.

Frank P. Putnam

Pleasant View Gardens, NO. TEWKSBURY, MASS.
P. O. Address, Box No. 12, Lowell, Mass.

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A. & C. Pearson, Lowdham, Nottingham, Eng.

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6-inch, full of flowers and buds, ... $1.00 each
7-inch, full of flowers and buds, . . $1.00 and 1.50 each

Beautiful Whitmani Ferns

7-inch, in fine condition . . . . . $0.75 each
8-inch, in fine condition . . . . . 1.00 each

Place your orders NOW and have them shipped any time between now and Christmas

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ORCHIDS

We are now booking orders for the **Spring Importations.** Placing orders now insures to you an early delivery and **best results.**

Send for Catalogue.

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ORCHIDS

Greatest quantity and variety in the country, and for all purposes. We are now booking orders for **freshly** imported stock for next year. Write for prices.

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FERNS---ROSES ....BEGONIAS....

Amerpohlii, Barrowsii, Scottii, Elegantissima, Boston, Jacksoni, Piersoni, Sword, Whitmani, 2½-in. pots, $4.00 per 100; 4-in., $15.00 per 100.

Rex Begonias, assorted varieties, 3-in. pot plants, $5.00 per 100; $45.00 per 1000.

Roses our specialty. Ask for quotations.

The Dingee & Conard Co., West Grove, Penna.

A Belated Lot of

AZALEAS

are coming in nicely and we can fill all orders for Christmas and New Year's. Wire us your orders. Ask for our List of Ferns and Soft Wooded Plants.

GEO. A. KUHL, Pekin, Ill.

ROCHESTER.

The Market.

Although the weather is unseasonable and the Christmas trade is still light, there were a few social functions and funerals which kept the trade busy last week. The mild weather has its advantages, however. It is less work to wrap plants and flowers and the growers are saving coal these days. The warm spell this week does not affect the price of flowers a great deal, for carnations and roses have gone up once more, as a preliminary advance before the holidays. Holly wreaths, wreaths of pine and laurel and all kinds of wreathing are selling best now.

Roses are in fine condition for Christmas. Killarney is selling best of any. Mrs. Ward is coming into market in much better condition, but the supply is nowhere equal to the demand. There are a few Bon Silene to be had. Richmond is much in demand. Radiance is scarce, but Antoine Rivoire is quite plentiful and in excellent condition. Carnations are abundant. Enchantress, Delight and Perfection are the best sellers. Chrysanthemums are still with us, but are poor in quality. Paper Whites, Stevia, Romans and valley are all abundant. Gardenias are at their best at present and go at a good price. Cattleyas are in demand and are again plentiful. Sweet peas and mignonette are coming in small quantities.

We are anticipating a big sale of fancy baskets of assorted plants for Christmas. Ardisias are much sought after this season, and the price is higher than usual. Everything points to a big holiday trade and there are numerous large orders booked for holiday parties, dinners, weddings and receptions.

Various Notes.

Ellwanger & Barry were awarded a contract by the capitol commission of Madison, Wis., for $3,656 worth of trees, shrubs and evergreens for the capitol grounds, to be delivered next spring.

J. B. Keller Sons have disposed of their old delivery auto and purchased a new Ford machine.

Mrs. Edwin Wilson has joined the bowling club.

The decorations in greens, wreathing and holiday dress for the various business houses have been unusually abundant this year, helping along the florists' business considerably.

Peter Hess and Walter Salmon are booked as extras at J. B. Keller Sons for the holidays.

Harry Williams is again in the florists' business.

The Bowling Club meets every Tuesday evening at the Elm alleys. The ladies are taking a great deal of interest in bowling this season.

Chas. Vick is working hard for the success of the various talks and the social evening held each month at the Florists' Association's club rooms.

E. C. A.

Rooted Carnation Cuttings

of up-to-date varieties
List on application

LITTLEFIELD & WYMAN
NORTH ABINGTON, MASS.
Mention The Review when you write.

Booking orders now for

HELEN NEWBERRY

The Fine Late White
POMPON CHRYSANTHEMUM

Delivery March 1, 1912. Orders Filled in Rotation

PRICES

100 for $15.00 25 for $5.00
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Send orders to

Fred Pautke or **Fred Breitmeyer**
Grosse Pointe, Mich. Mt. Clemens, Mich.

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ROOTED CUTTINGS

CARNATIONS

Strong, clean, healthy stock; well rooted when shipped. Ready January 1.

	100	1000		100	1000
Beacon	$2.50	$20.00	White Perfection	$2.00	$17.50
White Enchantress	2.50	20.00	Rose-pink Enchantress	2.00	17.50
Enchantress	2.00	17.50			

PETER REINBERG
30 East Randolph Street CHICAGO

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Don't Delay Ordering

Benora Carnation

NOW, for seasonable delivery.
Write for descriptive circular. Cultural directions with each shipment.
$12.00 per 100; $100.00 per 1000.

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The New Carnation, BROOKLYN

A Reincarnation of the Old William Scott, but embodying additional and more important qualities

THE NEW "HELEN" PINK A beautiful Deep Pink after the style of the old William Scott, lighter than Lawson, grand under artificial light. Highly built-up center, petals fringed, habit of growth all that could be desired. Very easy propagator, fastest growth of any Carnation. Flowers 3-in. and larger. **Preliminary scoring, New York Florists' Club, 86 points. "Certificate of Merit" Horticultural Society of New York. TO BE DISSEMINATED 1911-1912.**

ROOTED CUTTINGS, ready now, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate.

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GROWER
Lynbrook, Long Island, New York

R. G. WILSON
Fulton Street and Greene Avenue
BROOKLYN, N. Y.

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Pot-Grown Ferns

NEPHROLEPIS
Scottii, Whitmani, Bostoniensis, Piersoni
4-inch, 15c each; 5-inch, 25c each; 6-inch, 50c each; 7-inch, 75c each; 8-inch, $1.00 each.
Large plants .....$1.50 to $3.00 each

ASPLENIUM NIDUS AVIS
(Bird's nest fern)
5-inch $0.75

CIBOTIUM SCHIEDEI
7-inch $2.00
9-inch 5.00
10-inch tub 7.50

PALMS
Areca Lutescens, 3-inch, 15c; 4-inch, 25c; 6-inch, $1.00; 9-inch, $5.00; 10-inch tub, $6.00.
Latania Borbonica, 4-inch, 20c; 5-inch, 30c.
Kentia Forsteriana—
4-inch pots.....$25.00 and $35.00 per 100
5-inch pots..... 50.00 and 75.00 per 100
6-inch pots..... 1.00 each
7-inch pots..... 2.50 each. Fine plants.
Kentia Forsteriana—
Combination .....$3.00 to $15.00 each
Kentia Belmoreana—
3-inch pots .....$18.00 per 100
4-inch pots .....$25.00 and 35.00 per 100
5-inch pots ..... 50.00 and 75.00 per 100
Kentia Belmoreana—
Larger plants,.....from $2.50 to $10.00 each
Cocos Weddelliana, 2½-inch pots..$15.00 per 100

FICUS PANDURATA
5-inch $0.75
6-inch 1.50
8-inch 3.00

FICUS ELASTICA
4-inch $0.25
5-inch ..... .35
6-inch .....50c and .75
7-inch .....75c and 1.00

DRACAENA MASSANGEANA
5-inch $1.00
6-inch 1.50
7-inch 2.50
8-inch 3.00

DRACAENA TERMINALIS
4-inch $0.35
5-inch ..... .50

DRACAENA LORD WOLSELEY
4-inch $0.35
5-inch ..... .75

PANDANUS VEITCHII
4-inch $0.50
5-inch ..... .75
6-inch 1.00
7-inch 1.50
8-inch 2.00

PANDANUS UTILIS
2½-inch $0.06

ASPIDISTRAS
Variegated, 5-inch, strong.....$1.25
Green, 6-inch, strong..... 1.00

ARAUCARIAS
Compacta, 5-inch $1.25
Compacta, 6-inch 1.75
Excelsa, 5-inch ..... .50
Excelsa, 6-inch .....75c and 1.00

CHINESE PRIMROSES
4-inch $0.10
5-inch ..... .20

PRIMULA OBCONICA
4-inch $0.10
5-inch ..... .25

ASPARAGUS SPRENGERI
2¼-inch.....$3.00 per 100

ASPARAGUS PLUMOSUS
2¼-inch $0.04
3 -inch ..... .08

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1826 Rialto St., N. S., PITTSBURGH, PA.

ST. NICHOLAS

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Its quality is well established by the high scores it has made everywhere we have shown it.

As a producer it equals any of the standard commercial varieties. Comes in early and never off crop.

Come and see it growing at our plant any time it is convenient to you. But send in your order for **early delivery.**

$12.00 per 100; $100.00 per 1000.

BAUR & STEINKAMP
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ROOTED ROSE CUTTINGS NOW READY

Kaiserin, per 100.....	$3.50	Per 1000.....	$25.00
Perles, per 100	3.50	Per 1000.....	25.00
My Maryland, per 100,.....	2.00	Per 1000.....	15.00

All first-class stock, well rooted.

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Office and Store: 131 N. WABASH AVE., CHICAGO
Greenhouses: HINSDALE, ILL.

Mention The Review when you write.

PLANTS AND ROOTED CUTTINGS

Daisies, Giant Marg., white and yellow, R. C., 1c; 2-in., 2c; 3-in., 3c.
Dracaena Indivisa, 2-in., strong, 1½c.
Asparagus Plum. Nanus, 2-in., 2c; 3-in., 4c.
Heliotropes, blue, R. C., ¾c; 2-in., 1½c; 3-in., 3c.
Primulas, Chinese Fringed mixed, and Obc. Grandif. mixed, fine strains, 2-in., need 3's, 1¾c.
Fuchsias, 5 kinds, R. C., 1¼c; 3-in., 3c.
Alternanthera, red and yellow, fall rooted, ½c.
Cash. This stock will please you; also the prices.

E. W. BYER, Prop. S. Floral Co., Shippensburg, Pa.

Chrysanthemums

WRITE FOR CATALOGUE

CHAS. H. TOTTY, Madison, N. J.

Hydrangea Otaksa

For Easter and Decoration Day

6-inch, pot-grown, well branched and set with flower buds.

Otaksa, with 5 and 6 branches, at $20 00 per 100; 4 branches at $15 00 per 100. **Souvenir de Claire,** fine pink, same color as Gloire de Lorraine Begonia, same price; also 7-10 branches latter variety, $25.00 per 100.

Jackson & Perkins Company
Wholesale Florists and Nurserymen
Newark, Wayne Co., New York State

Always mention the Florists' Review when writing advertisers.

SCRANTON, PA.

The Market.

The weather last week was anything but encouraging for a lively Christmas trade, being warm, rainy and decidedly unpleasant. Of course it was a dull week among florists, who were making preparations for this week's rush.

Carnations will not be any too plentiful in this section. If this weather keeps up, there will be an extremely short crop, also, of roses. There will be a nice supply of blooming plants, which have come to be a great factor in the Christmas trade.

Various Notes.

T. B. McClintock has completed this fall quite a large cold greenhouse for keeping azaleas and roses and that class of stock, something that was much needed at his large place. He has connected this to a large boiler that heats his garage. Next spring he is going to build a range of houses in close proximity to this place. Mr. McClintock's carnations look especially fine for the Christmas trade. He also has elegant poinsettias, which will sell at sight. His sweet peas are commencing to promise quite a good crop.

Miss A. L. Besancon has formed a partnership with her brother and Mr. Boss. Mr. Boss had been manager of the Art Flower Store, which was owned by I. G. Marvin, of Wilkes-Barre. This company bought out Mr. Marvin and joined Miss Besancon's store with the Art Flower Store, and have made a fine, complete appearing place by turning the two into one. They have a greenhouse in the rear, connected with the store, which makes it quite convenient.

G. R. C.

SPARTANBURG, S. C.

The opening of the Oakhurst Greenhouses was held November 11 and may be called a great success. Many hundreds came to visit the newly erected greenhouses, and all were surprised to see what had been accomplished in a few weeks' time. The building material reached Spartanburg the first week in August and by the opening day sweet peas, carnations, roses and chrysanthemums were at their best.

The Review suggested a few months ago that a little souvenir be given on such occasions and we followed the advice. Each lady was given a little jardiniere. Ice cream and chocolate were served by ladies in the potting shed and, judging by the trade we are doing now, the little expense we made payed us well. We sincerely thank The Review for the suggestion.

Oakhurst Greenhouses.

1912! 1912! 1912!

VERBENAS

OUR SELECTION

Rooted Cuttings..... $0.75 per 100; $6.00 per 1000
Strong Plants, 2¼-inch pots ..... 2.50 per 100; 20.00 per 1000

PURCHASER'S SELECTION

Rooted Cuttings ..... $0.90 per 100; $8.00 per 1000
Strong Plants, 2¼-inch pots..... 3.00 per 100; 25.00 per 1000

NEW VARIETIES

Lady Ellen, Columbia, Mrs. Taft

Rooted Cuttings..... $1.00 per 100; $9.00 per 1000
Strong Plants, 2¼-inch pots..... $4 00 per 100

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

Geraniums

SPECIAL OFFER

We will send 1000, 50 each of 20 varieties, our selection, from 2-inch pots, for $18.50; from 3-inch pots, for $25.00.

	2-inch Per 100	3-inch Per 100
Standard Varieties	$2.00	$3.00
Ivy-leaved and Scented	2.00	3.00
Silver Leaf Nutt, Mt. of Snow, Mrs. Pollock	3.00	4.00
Novelties (all the best, listed in our catalogue)		
Lobelia Kathleen Mallard	2.00	
Hardy English Ivy	2.00	3.00
Petunias, double, mixed	2.00	3.00
Verbenas, red, white, blue, variegated	2.00	3.00
Lemon Verbena, Aloysia Citriodora	2.00	3.00
Swainsona Alba	2.00	3.00

Cash with order, please.

R. Vincent, Jr., & Sons Co., White Marsh, Md.

Mention The Review when you write.

Elegant FERNS for the Holiday Trade

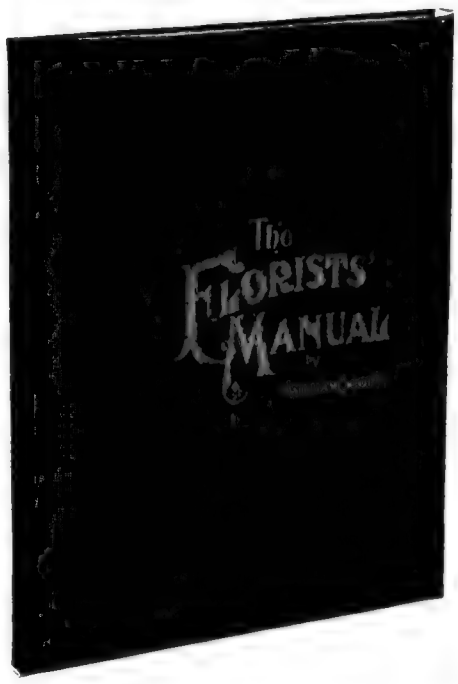
Fine, thrifty plants, with dark, richly colored foliage. Ferns revel in our soil; you have never received better stock than we are offering.

A Large Supply of ELEGANTISSIMA, also some BOSTON and PIERSONI

5-inch, 25c; 6-inch, 50c; 7-inch, 75c. Order now.

The H. Weber & Sons Co., Oakland, Md.

Mention The Review when you write.



The Florists' Manual

A Business Book for Business Men

Second Edition

Thoroughly Revised and Brought up to Date

No dry-as-dust botanical classifications, but tells you just how to produce marketable plants and cut flowers in the best and cheapest way.

Treats of over 200 subjects and is freely illustrated with fine half-tone engravings.

Price, $5.00, prepaid by express or mail.

FLORISTS' PUBLISHING CO., Caxton Building, 508 So. Dearborn St. **CHICAGO**

REPLENISH YOUR STOCK

Look over this list and you'll probably find many items that your Christmas trade has completely cleaned out, but which you need for the regular winter demand. Our stock is in fine shape and ready for immediate shipment.

LET'S HAVE YOUR ORDER TODAY

WINTER FAVORITES

ARAUCARIAS.

We have a fine large stock of Araucaria Excelsa, the popular winter plant, in the following sizes:

Pots.	Each.	Doz.
4-in., 2 to 3 tiers	$0.50	$ 6.00
6-in., 4 to 5 tiers	1.00	12.00
7-in., 4 to 5 tiers	1.50	18.00

AZALEAS.

SIMON MARDNER, VERVÆNEANA AND MME. PETRICK:
$1.00 and $1.50 each.

DWARF AZALEAS ON OWN ROOT.

Hexe, small plants ..... $30.00 per 100
Hexe, larger plants ..... 50.00 per 100

CIBOTIUM SCHIEDEI.

7-in. .....each, $2.50; doz., $30.00
8-in. .....each, 3.00; doz., 36.00

CROTONS.

Pots.	Each.	Doz.	100
2-in.	....	$1.00	$ 8.00
3-in.	....	1.50	12.00
4-in.	$0.25	2.00	15.00
7-in., 4 in a pot	75c to 1.00	....	.....



WINTER FAVORITES

CALIFORNIA PEPPERS.

4-in. .....$2.00 per doz.

BOXWOODS AND PINES.

For filling window boxes and flower beds.

Boxwood bushes, 8 in. high, each.....$ 0.25
Boxwood bushes, 12 in. high, each..... .35
Boxwood bushes, 18 in. high, each..... .50
Boxwood bushes, 24 in. high, each..... 1.00
Globe Boxwoods, 18 in. diameter, each. 2.50
Obelisk Boxwoods, 5 ft. high, in beautiful Mission boxes, each..... 10.00

DRACAENA TERMINALIS.

4-in., strong.....each, 35c; doz., $4.00

JERUSALEM CHERRIES.

5-in. .....doz., $3.00

PANDANUS VEITCHII.

4-in. .....each, $0.50; per doz., $ 5.50
5-in. .....each, .75; per doz., 9.00
6-in. .....each, 1.00; per doz., 12.00

PRIMULA SINENSIS.

4-in. pots.....per doz., $1.50; per 100, $10.00

RHODODENDRONS.

Christmas Cheer.....75c, $1.00, $1.25 each

Palms, Ferns, Stove and Bedding Plants

ACHYRANTHES, ROOTED CUTTINGS.

Metallica, Panache de Bailey, Lindenii, Warscewiczii .....$6.00 per 1000

ACHYRANTHES, 2-IN. POTS.

Metallica .....$2.00 per 100
Panache de Bailey..... 2.50 per 100
Lindenii ..... 2.00 per 100
Warscewiczii ..... 2.00 per 100

AGERATUMS.

Stella Gurney, 2-in.....$2.00 per 100
Princess Pauline, 2-in..... 2.00 per 100

ALTERNANTHERAS, ROOTED CUTTINGS.

Red and yellow.....$6.00 per 1000

ARECA LUTESCENS.

Pots.
3-in., 3 in pot.....doz., $2.00; 100, $15.00
4-in., 3 in pot.....doz., $3.00; 100, $25.00
7-in, 4 to 5 in pot, 36-in. high.....each, $3.00
8-in., 5 to 6 in pot, 60 to 64-in. high..each, $5.00

ASPIDISTRAS.

Green .....per leaf $0.08
Variegated .....per leaf .15

ASPARAGUS BASKETS.

$1.00, $1.50 and $2.00 each.

ASPARAGUS PLUMOSUS.

Pots.	Doz.	100
2-in.	$0.40	$ 3.00
3-in.	.75	6.00
4-in.	1.50	12.00
6-in.	4.00	30.00

ASPARAGUS SCANDENS DEFLEXUS.

4-in. .....doz., $1.50

BOSTON FERNS.

Pots.	Each.	Doz.	100	1000
2-in.	....	$ 0.50	$ 3.00	$25.00
3-in.	....	1.00	8.00	.....
4-in.	....	1.50	12.00	.....
5-in.	....	3.00	20.00	.....
6-in.	....	6.00	45.00	.....
7-in.	$0.75	9.00	.....	.....
8-in.	1.00	12.00	.....	.....
9-in.	1.50	18.00	.....	.....

	Each.		Each
10-in.	$2.50	12-in.	$3.50 to $5.00

BOSTON FERN BASKETS.

$1.00, $1.50 and $2.00 each.

ASSORTED FERNS FOR DISHES.

2-in., 40c per doz.; $3.00 per 100; $25.00 per 1000.

COCOS WEDDELLIANA.

2-in. .....doz., $1.75; 100, $14.00
3-in. .....doz., 2.50; 100, 20.00

COLEUS, ROOTED CUTTINGS.

Pfister, red and yellow; Beckwith's Gem, Golden Bedder, Verschaffeltii....$6.00 per 1000

COLEUS, 2-IN. POTS.

Pfister, red and yellow; Beckwith's Gem, Golden Bedder, Verschaffeltii....$2.00 per 100

CYPERUS ALTERNIFOLIUS.

3-in. .....$0.75 doz.; $ 5.00 100
4-in. ..... 1.50 doz.; 10.00 100

DAISIES.

Marguerites, Yellow.
Rooted cuttings.....$6.00 per 1000
2-in. .....$2.00 per 100

DRACAENA INDIVISA.

2-in. .....per 100, $3.00; per 1000, $25.00
3-in. .....doz., 75c; per 100, 6.00
7-in. .....each, $1.25; doz., 15.00

DRACAENA MASSANGEANA.

6-in. .....each, $1.25
7-in. .....each, 1.50

FICUS ELASTICA.

6-in. .....each, 50c; doz., $6.00

FICUS REPENS (vine).

2½-in. .....each, $0.50

KENTIA BELMOREANA.

Pots.	Height.	Leaves.	Each.	Doz.	100
2-in.	8-in.	4	.....	$ 1.50	$12.00
3-in.	8 to 10-in.	4 to 5	.....	2.00	15.00
4-in.	12-in.	4	.....	3.60	30.00
4-in.	12 to 15-in.	4 to 5	.....	4.50	35.00
5-in.	15 to 18-in.	5 to 6	.....	6.00	50.00
5-in.	18 to 20-in.	5 to 6	$ 0.75	9.00	.....
6-in.	20 to 22-in.	6 to 7	1.00	12.00	.....
6-in.	22 to 24-in.	6 to 7	1.50	18.00	.....
7-in.	28 to 30-in.	6 to 7	2.50	30.00	.....
7-in.	36 to 40-in.	6 to 7	4.50	.....	.....
8-in.	40 to 45-in.	7 to 8	5.50	.....	.....
9-in.	48 to 50-in.	7 to 8	8.00	.....	.....
9-in.	50 to 54-in.	7 to 8	10.00	.....	.....

KENTIA FORSTERIANA.

Pots.	Height.	Leaves.	Each.	Doz.	100
2-in.	8 to 10-in.	4	.....	$ 1.50	$12.00
3-in.	12 to 14-in.	4 to 5	.....	2.00	15.00
4-in.	14 to 16-in.	4 to 5	.....	4.50	35.00
5-in.	20 to 24-in.	5 to 6	$ 0.75	9.00	.....
6-in.	24 to 30-in.	5 to 6	1.00	12.00	.....
6-in.	30 to 36-in.	5 to 6	1.50	.....	.....
7-in.	36 to 38-in.	5 to 6	2.50	.....	.....
7-in.	38 to 40-in.	5 to 6	3.50	.....	.....
8-in.	40 to 42-in.	5 to 6	4.50	.....	.....
9-in.	46 to 50-in.	6 to 7	7.00	.....	.....

Made-up Plants.

Pots.	Height.	Plants in pot.	Each.
7-in.	24 to 30-in.	3 to 4	$ 2.50
9-in.	50 to 54-in.	3 to 5	8.00
10-in.	58 to 60-in.	4 to 5	10.00
12-in.	62 to 70-in.	4 to 5	15.00

GNAPHALIUM LANATUM.

2-in. .....$2.00 per 100

HELIOTROPES.

2-in. .....$2.00 per 100
3-in. ..... 4.00 per 100

LANTANA DELICATISSIMA.

2-in. .....$2.00 per 100

LATANIA BORBONICA.

2-in., 1 to 2 leaves.....100, $3.00; 1000, $25.00
4-in. .....doz., 3.00; 100, 20.00
5-in. .....doz., 5.00; 100, 40.00
6-in. .....doz., 6.00

LOBELIA KATHLEEN MALLARD.

Rooted cuttings.....$6.00 per 1000
2-in. .....$3.00 per 100; $25.00 per 1000

PANDANUS UTILIS.

3-in. .....per doz., $1.50

PHOENIX CANARIENSIS.

7-in. 36 to 40-in. high.....each, $ 2.50
8-in. 46 to 50-in. high.....each, 4.00
10-in. 50 to 54-in. high.....each, 8.00
10-in. 60 to 64-in. high.....each, 10.00

PHOENIX RECLINATA.

4-in. .....each, $0.25; doz., $3.00; 100, $20.00
5-in. .....each, .50; doz., 5.00; 100, 40.00
6-in. .....each, .75; doz., 9.00

PHOENIX ROEBELENII.

Pots.	Each.	Doz.	100
2½in.	....	$ 2.00	$15.00
3-in.	....	3.00	22.50
5-in.	....	9.00	70.00
6-in.	....	12.00	.....
6-in., strong	$2.00	18.00	.....
7-in.	2.50	.....	.....

ENGLISH IVY.

3-in. .....doz., $ 0.75
4-in. .....doz., $2.50; 100, 20.00

GERMAN IVY.

2-in. .....$2.00 per 100

SALVIAS.

Rooted Cuttings.
Bonfire, Zurich.....$6.00 per 1000

2-In. Pots.
Bonfire, Zurich.....$2.00 per 100

TRADESCANTIA VARIEGATA.

(Wandering Jew.)
2-in. .....doz., 40c; per 100, $3.00

VINCAS.

4-in. .....per doz., $2.00; per 100, $15.00

THE EDGEBROOK GREENHOUSES AND NURSERIES

OF THE GEO. WITTBOLD CO., EDGEBROOK, CHICAGO, ILL.

BALTIMORE.

The Market.

The Christmas rush promises to equal, if not exceed, that of last year. Everybody appears to have as much as he can attend to, even with extra help. The stores are all bountifully decorated, their wealth of red wreaths and bells making a great show. Made-up baskets, hampers and pans of poinsettias are much in evidence, some of the creations being quite pretty, and should sell rapidly.

The stock of cut flowers promises to be equal to the demand. After the experience of last year, when the market was cleaned up so thoroughly the day before Christmas, it is hard to predict that it will not happen again.

Prices on all stocks will probably range about the same as last season, with the exception of immortelles, which will not be handled so extensively on account of the high prices. Carnations will be high and scarce for Christmas, bringing from 4 to 8 cents, while good roses have been scarce and are bringing from 5 to 8 cents. Violets are bringing from $1 to $2 per hundred.

Greens are good and in big demand, but holly is not as good as last season nor as heavily berried. Mistletoe is good and well berried. There is a heavy demand for good ferns of all sizes. Cyclamens are not overplentiful this season and fine plants are hard to find at any price.

Various Notes.

James Hamilton, of Mt. Washington, is placing orders for material for another large greenhouse like the one he erected this season. It is one of the finest ever put up in the state and is used for roses. Mr. Hamilton is one of the largest growers of roses and carnations around Baltimore. Chas. M. Wagner is manager for him.

R. A. Vincent, Jr., & Son's Co. is shipping cannas by the carload and reports one of the best seasons this fall for early orders to be shipped at once. Their geranium stock is extra good and many orders for all kinds of bedding stock are being received. Q.

Mittineague, Mass.—George Cooley is installing a big new boiler in his greenhouses.

St. Stephen, N. B., Can.—J. R. Sederquest has moved into new quarters adjoining the Windsor hotel.

Rooted Cuttings

Begonias, flowering kinds, $1.75 per 100.
Verbenas, 70c per 100; $6.00 per 1000.
Pelargoniums, $2.50 per 100.
Ageratums, 60c per 100; $5.00 per 1000.
Daisies and **Salvias,** $1 per 100; $8 per 1000.
Petunias, $1.25 per 100; $10.00 per 1000.
Coleus, 70c per 100; $6.00 per 1000.

All good varieties and named.
Express paid on all rooted cuttings.
Cash with order.

S. D. BRANT, Clay Center, Kan.

Mention The Review when you write.

FERNS AND ASPARAGUS

Nephrolepis Whitmani, Scottii and **Bostoniensis,** 6-in. pots, 35c each; 7-in., 75c each.
Asparagus Plumosus, 3-in., $5.00 per 100.
Cash with order.

ASCHMANN BROS.
Second and Bristol Sts., PHILADELPHIA

HERE YOU ARE
FOR SPECIALS

AGERATUM STELLA GURNEY	2½ inches	$ 2.00 per 100
AGERATUM STELLA GURNEY	3½ inches	3.00 per 100
ASPARAGUS PLUMOSUS	2½ inches	3.00 per 100
ASPARAGUS PLUMOSUS	3½ inches	7.00 per 100
ASPARAGUS SPRENGERI	2½ inches	2.50 per 100
ASPARAGUS SPRENGERI	3½ inches	5.00 per 100
BOSTON FERNS	2½ inches	3.00 per 100
BOSTON FERNS	3½ inches	8.00 per 100
BOSTON FERNS	4 inches	12.00 per 100
BOSTON FERNS	5 inches	18.00 per 100
CYCLAMEN GIGANTEUM	2½ inches	4.00 per 100
CYCLAMEN GIGANTEUM	3½ inches	7.50 per 100
CYCLAMEN GIGANTEUM	4 inches	10.00 per 100
GERANIUMS (assorted)	2½ inches	2.00 per 100
GERANIUMS (assorted)	3½ inches	3.50 per 100
GERANIUMS (assorted)	4 inches	4.50 per 100
GERANIUMS (assorted)	5 inches	7.00 per 100
MUM STOCK OF PRIZE WINNERS		3.00 per 100
ICE OR PICKLE PLANT	2½ inches	2.00 per 100
ICE OR PICKLE PLANT	3½ inches	3.00 per 100
SMILAX	2½ inches	2.00 per 100
SMILAX	3½ inches	3.00 per 100
MT. OF SNOW	2½ inches	2.00 per 100
MT. OF SNOW	3½ inches	3.00 per 100
TEA ROSES AND B. RAMBLERS	2½ inches	3.00 per 100
TEA ROSES AND B. RAMBLERS	3½ inches	5.00 per 100
UMBRELLA PLANTS	3½ inches	6.00 per 100
UMBRELLA PLANTS	4 inches	10.00 per 100

50,000 Carnations (cuttings), all varieties.
100,000 Geraniums, the finest in the land.

We grow your stock especially for you and deliver when wanted. Let us book you.

Our Carnations are of the best varieties and will give cuttings or sand rootings.

We are making a specialty of sixty-three varieties of bedding stock and will quote you prices that will astonish you. Write us your wants. Five per cent discount for January delivery to make room.

The Meredith Flower & Vegetable Co.
Libertyville, Illinois

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Poinsettias for Xmas
$1.50 to $2.50 PER DOZEN
Send Your Orders Early
F. S. SMITH
330 W. 38th St., Indianapolis, Ind.

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CARNATIONS
F. Dorner & Sons Co.
LA FAYETTE, IND.

Mention The Review when you write

DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

DAVID HERBERT & SON
ATCO, N. J.

Mention The Review when you write.

Mum Stock Plants

Monrovia, Halliday, Pacific Supreme, Balfour, Ivory, Winter Cheer, Charles Razer, Bonnaffon Nagoya, Pompons, Quinola, Alma, Clarinda, $1.00 per dozen; $5.00 per 100.

COLLINGDALE GREENHOUSES
COLLINGDALE, PENNSYLVANIA

Always mention the Florists' Review when writing advertisers.

Splendid Christmas and New Year's Plants

Azalea Firefly, 50c each.

Cyclamen, superb stock, $1.00, $1.50 and $2.00 each.

Holly and **Box Pyramids,** $6.00 and $12.00 per pair.

Araucarias, Palms, etc.

Lorraines, 2¼-inch, 15c; 3½-inch, 25c; 6-inch, 50c; 6½-inch, 75c each. Specimens, $3.00 each.

Mixed Ferns, $4.00 per 100.

Grand Poinsettia Bracts, to cut, $6.00 per doz.

COME AND SEE OUR STOCK GROWING

WILLIAM W. EDGAR CO., Waverley, Mass.

Mention The Review when you write.

Some Good Stock!

Carefully packed, at bargain prices, with enough extras added to nearly pay express charges for early orders. Everything in abundance. Correspondence solicited.

CHINESE PRIMROSES, extra large, 4-in., double and single, in bud and bloom, fancy colors, mixed, $8.00 100.

PRIMULA OBCONICA, 4-in., fancy, mixed, in bud and bloom, $5.00 per 100.

ASPARAGUS SPRENGERI, large 4-in. plants, $6.00 100; good 2½-in., $2.50 100.

ARAUCARIA EXCELSA, extra fine plants, 75c each.

AZALEAS, large plants, 75c each.

SMILAX, fine 2½-in. stock, $2.00 100.

CYCLAMEN, extra fine 3-in. plants, 6 colors, in bud and bloom, $8.00 100.

FERNS, BOSTON, SCOTTII and **ELEGANTISSIMA**, from pots, 10c, 15c and 20c each, according to size.

JERUSALEM CHERRIES, 2½-in., $2.50 100.

SNAPDRAGONS, white, pink and yellow; fine 3-in. plants, $5.00 100, $45.00 1000.

CINERARIAS, extra large 3½-in. healthy plants, of fancy kinds, $5.00 100; 2½-in., $3.00 100.

MARGUERITES, white and yellow, large 2½-in. plants, $2.25 100; $20.00 1000.

HELIOTROPES, light blue, dark blue and white; large 2½-in., $2.50 100; $22.50 1000.

75,000 2½-in. **GERANIUMS** now ready. **BEAUTE POITEVINE, RICARD, GRANT, S. A. NUTT, BUCHNER, MONTMORE, PERKINS, MME. ROSELEUR**, etc.; large plants, true to name, $2.50 100; $22.50 1000. A bargain; try them.

SOMETHING NEW
Climbing Crimson Baby Rambler Rose Bushes

Very branchy, over 3½ feet tall, just right for spring forcing. For immediate or later shipments, 65c each; $6.00 per dozen.

Pure Greenhouse Fertilizer will make your plants and carnations grow and bloom. $2.50 per bag.

ALONZO J. BRYAN
WHOLESALE FLORIST
Washington, New Jersey

Mention The Review when you write.

ANTON SCHULTHEIS, College Point, L. I.
Headquarters for
DECORATIVE and FLOWERING PLANTS

Mention The Review when you write.

STOCK ALWAYS NEEDED

Small Ferns for dishes—Pteris Mayii, Serrulata Cristata Variegata, Wimsetti, Cretica Albo-Lineata, $3.00 per 100, $25.00 per 1000.

Aspidium Tsussimense and **Cyrtomium Falcatum**, $3.50 per 100, $30.00 per 1000.

Asparagus Plumosus, 2½-in., $3.00 per 100, $25.00 per 1000.

Asparagus Sprengeri, 2½-in., $2.50 per 100, $22.00 per 1000.

Pandanus Utilis, 3-in., $10.00 per 100; 4-in., $20.00 per 100.

Cocos Weddelliana, 2½-in., $10.00 per 100.

Kentia Belmoreana and Forsteriana—Made-up and single plants, all sizes. Special value in made-up Forsteriana, 4 plants in 8-in. tubs, 40 to 44 in. high, $4.00 each; 8-in. tubs, 44 to 48 in. high, $5.00 each (very bushy).

Forcing Spiraea Clumps, extra quality. No better proposition for Easter or Memorial day.

Floribunda, $5.00 per 100; $45.00 per 1000.
Gladstone, $10.00 per 100; $90.00 per 1000.
Superba, $6.00 per 100.
Queen Alexandra, $12.00 per 100.
Blondine, $6.00 per 100.
Japonica, $4.00 per 100.

Genista Racemosa—6-in. pot plants, $25.00 per 100; very heavy 4-in. pot plants, at $15.00 per 100.

Hydrangea Otaksa—Fine pot grown plants, 5-in. pots, 2 to 3 flower shoots, $20.00 per 100.

BEDDING STOCK.

You will want to start soon.

Heliotropes. Czar, Czarina, Jersey Beauty, etc., $2.50 per 100; Centifleur (giant), $3.50 per 100.

Lantanas, 8 fine varieties, $3.00 per 100.

Coleus—Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.

Moonflower—Buy now to propagate from, $3.00 per 100.

Geraniums—Standard market sorts, established plants, $3.00 per 100, $25.00 per 1000.

Flowering Begonias, good assortment, $3.00 per 100.

Croton Aurea Maculata—3-in. pot plants, $8.00 per 100.

English Ivy—Strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.

Violet—Hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000.

THE STORRS & HARRISON CO.,
Painesville, Ohio.

Mention The Review when you write.

CHAS. D. BALL
GROWER OF
PALMS, ETC.
Send for Price List
HOLMESBURG, . . PHILADELPHIA, PA.

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G. DREYER
Tel. 228 Newtown
Jackson Ave., **ELMHURST, L. I.**
DECORATIVE PLANTS

SPECIALTIES: Palms, Ferns, Araucarias, Cycas, Pandanus, Lilies.
DREYERII FERN. $25 per 100; $200 per 1000.

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JOHN SCOTT
Rutland Road and E. 45th St.,
BROOKLYN, N. Y.
Palms, Ferns AND Decorative Plants

Mention The Review when you write.

Julius Roehrs Co.
RUTHERFORD, N. J.
Palms, Plants, Orchids, Etc.
Send for Price List.

Mention The Review when you write.

BRAMPTON, ONT.

The Market.

This week is the third of three consecutive weeks of mild, springlike weather, the like of which has never been known in this neighborhood. Stock has not suffered, however, and Christmas prospects are as bright as the weather itself.

Canadian Queen roses have been coming in during the last fortnight with stems thirty inches long. Such magnificent blooms were never seen before in this country, and they owe their quality and appearance to the fact that the buds were all sacrificed six or eight weeks ago, so that the crop might come in about Christmas.

Various Notes.

Orchids are in great demand and the hydro-electric power from Niagara Falls, which has just been installed at the Dale Estate, is being used throughout the night in the orchid houses in an endeavor to assist conditions and at the same time test the value of an experimental theory. The huge cold storage premises in course of erection at the Dale Estate have been cork-lined, the inner walls and partitions receiving a coat of cement in addition. The beginning of the new year will see the building ready for the machinery, and when it is complete the 2,000,000 valley pips now on their way from Germany may be sure of the best attention. W. G. P.

LOUISVILLE, KY.

Anders Rasmussen, of New Albany, Ind., was elected president of the Kentucky Society of Florists at the annual meeting of that organization, December 11, at the establishment of August Baumer, in the Masonic building. H. Kleinstarink was elected vice-president; August Baumer, corresponding secretary; John Kleinsteuber, financial secretary; Gus Kleinsteuber, treasurer, and Joseph Lawson, trustee, to serve three years. R. W. Brown was elected an honorary member of the organization.

Much activity, it is expected, will be manifested on the part of Kentucky florists next year. One of the plans now considered, that seems likely to be realized, is a big flower show sometime next fall. The majority of the members of the society, it is stated, favor such an exhibition.

Westfield, N. J.—Chas. L. Doerrer reports a heavy call for decorative stock. He has a large plant and does an exclusive retail trade.

Heacock's Palms and Ferns

HOME-GROWN—STRONG AND HEALTHY

While our sales have been much heavier than ever before, we are still strong on the following sizes:

Areca Lutescens

	Plants	Height	Each
7-in. pot	3 in pot	36 in.	$2.00
8-in. pot	3 in pot	42 in.	3.00
9-in. cedar tub	Several in tub	48 to 54 in.	5.00
9-in. cedar tub	Several in tub	5 ft.	7.50

Kentia Belmoreana

	Leaves	Height	Each	Doz.
2½-in. pot	4	8 to 10 in.		$ 1.50
3-in. pot	5	12 in.		2.00
5-in. pot	6 to 7	18 in.	$0.50	6.00
6-in. pot	6 to 7	24 in.	1.00	12.00
7-in. cedar tub	6 to 7	34 to 36 in.	2.50	30.00
7-in. cedar tub	6 to 7	36 to 38 in.	3.00	36.00
9-in. cedar tub	6 to 7	40 to 45 in.	4.00	48.00
9 in. cedar tub	6 to 7	42 to 48 in.	5.00	
9-in. cedar tub	6 to 7	48 to 54 in.	6.00	

Cocos Weddelliana

		Per 100
2½-in. pot	8 to 10 in. high	$10.00

Made-up Kentia Forsteriana

	Height	Each	Doz.
7-in. cedar tub, 4 plants	36 in	$2.50	$30.00
7-in. cedar tub, 4 plants	36 to 40 in.	3.00	36.00
9-in. cedar tub, 4 plants	40 to 42 in.	4.00	48.00
9-in. cedar tub, 4 plants	42 to 48 in.	5.00	60.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
6-in. pot, 18 to 20-in. spread	1.50
7-in. cedar tub, 18 in. high, 24-in. spread	2.00

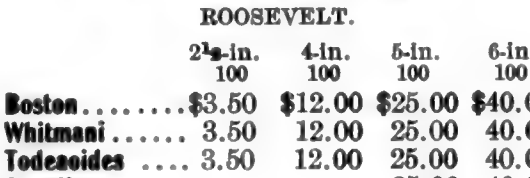
Cibotium Schiedei

9-in. cedar tub, 4-ft. spread	4.00
9-in. cedar tub, 5-ft. spread	5.00
9-in. cedar tub, 5 to 6-ft. spread	6.00

Joseph Heacock Co., Wyncote, Pa.

Railway Station, JENKINTOWN

Mention The Review when you write



ROOSEVELT.

Roosevelt Ferns

This fern will undoubtedly take the place of Boston in the near future. It is a faster grower, makes twice the runners and finishes up into a large plant in shorter time. 2½-inch, $2.50 per dozen; $17.50 per 100; $150.00 per 1000.

	2½-in. 100	4-in. 100	5-in. 100	6-in. 100
Boston	$3.50	$12.00	$25.00	$40.00
Whitmani	3.50	12.00	25.00	40.00
Todeaoides	3.50	12.00	25.00	40.00
Scottii			25.00	40.00

Asparagus Plumosus, 2-in., $2.00 per 100; $18.00 per 1000; 2½-in., $3.50 per 100; $30.00 per 1000; 3-in., $5.00 per 100; $45.00 per 1000.

	Per 100
Coleus Christmas Gem	$2.50
Violets, Wales	$2.50
German Iris, Florentina Alba, earliest large-flowering Iris	2.50
Iris Pallida Dalmatica, lavender, shaded blue	8.00

Clematis Paniculata, 2-in., $2.50 per 100; $20.00 per 1000; field, 1-year, $4.00 per 100; 2-year, $8.00 per 100.

Phlox Miss Lingard, field clumps, $4.00 per 100; $35.00 per 1000.

THE REESER PLANT CO., Exclusively Wholesale Plantsmen **SPRINGFIELD, OHIO**

GEO. A. KUHL

PEKIN, ILL.

Wholesale Grower of Plants For The Trade

Wishes all readers of The Review, patrons and friends a very

Merry Christmas and a Happy New Year.

Mention The Review when you write.

PRIMULAS, FERNS, Etc.

Ferns for Dishes. Assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.

Asparagus Plumosus. 2¼-in. pots, $3.50 per 100; $30.00 per 1000; 3-in. pots, $6.00 per 100.

Primulas. Obconicas, best large flowering strain, strong, 2½-in. pot plants, $3.00 per 100; $25.00 per 1000.

Crotons. 5-in. pots, 75c-$1.00 each; 6-in. pots, $1.00-$1.25 each.

Araucaria Excelsa. 5-in. pots, 50c to 75c each; 6-in. pots, $1.00 to $1.25 each.

Cash with order. 500 at 1000 rate.

FRANK OECHSLIN, 4911 West Quincy Street, CHICAGO, ILL.

Mention The Review when you write.

LEADER IN ARAUCARIAS, FERNS, AZALEAS, PALMS, ETC.



Lead You Into Wealth

Cheap, Good, Reliable. Don't be deceived—be on the lookout! Buy only from the man who is well known to be in a position to give you **Good Bargains and Good Stock. Can handle largest order on short notice.**

AZALEA INDICA FOR EASTER. Mme. Van der Cruyssen, Simon Mardner, Niobe, Prof. Wolters, Empress of India, Vervaeneana, De Schryveriana, Pharailde Mathilde, Anna Guchel, best white, and a few more best Easter varieties, 50c, 75c, $1.00, $1.25, $1.50 to $2.00.

Just Arrived with the azaleas a fine consignment of **Latania Borbonica,** in first-class condition. **Perfect foliage,** 8 good leaves—height given in consular invoice, 35 to 40 inches, fit for 7 and 8-in. pots, $1.50 to $2.00. **Combination Latania Borbonica** (3 plants), 6-in. pots, 25 to 30 in. high, forming a bush of about 14 leaves, which give them an attractive appearance, $1.00 to $1.25. Nobody else has any, but we have them.

Kentia Forsteriana, in fine shape, 5½ to 6-in. pots, 4, 5 and 6-year-old, 30, 35, 40 and 45 inches high, 75c, $1.00, $1.25, $1.50, $2.00 to $2.50; 4-in., 30c.

Kentia Belmoreana, 5, 6 to 7-year-old, 5, 5½, 6 to 7-in. pots, 50c, 75c, $1.00, $1.25, $1.50 to $2.00 each; 4-in., 25c.

Kentia Belmoreana, which came on the same steamer as azaleas, are potted off combination plants (made up with 3 plants), 22 to 25 inches high, having 12, 13 to 15 leaves to a pot (in 6-in. pots), 50c, 60c, 75c to $1.00, according to height; still larger sizes, $1.00, $1.25 to $1.50; single plants, 5 leaves, 22 to 25 in. high, stocky 5¼ to 5½-in. pots, only 50c, worth 75c.

Cocos Weddelliana, made up of 3 plants, 4 to 5-in. pots, 30c, 40c to 50c; 3-in., single, 15c; 4-in., single, 25c.

Areca Lutescens, 4-in., made up of 3 plants, suitable for fern dishes, 16, 18, 20 to 25 in. high, 20c to 25c; 5¼-in. pots, 24-in., 35c.

Begonia Erfordii, our newest improved strain, pink and bright red flowers. This variety is always in bloom during the whole winter, Xmas and Easter, 4-in. pots, in bud or bloom, 20c; 5¼-in., 25c to 30c.

Hydrangea Otaksa, pot-grown, 6-in., 25c, 35c to 40c; 7-in., 50c. Only pot-grown, will force successfully for Easter.

Primula Chinensis, John Rupp's best strain, 4-in., 10c; 5-in., 20c.

Shasta Daisies, pure white, 2½-in. pots, $3.00 per 100; seedlings, $1.00 100.

ARAUCARIA EXCELSA

We are well prepared for the Araucaria orders and are the leaders, as we have always been for the last 25 years. 6000 can be seen in our greenhouses, all sizes and prices. 5½-in., 3-year-old, 15 to 20 in. high, 3 to 4 tiers, only 50c; 6-in., 4 year-old, 20, 22, 25 to 30 in. and over in height, 4, 5 and 6 tiers, 60c, 75c, $1.00 to $1.25; specimen plants, 7-in., 30, 35 to 40 in. high, 5 to 6-year-old, 6, 7 to 8 tiers, green from bottom up,



at a bargain price seldom offered; just look, only $1.50 to $2.00. Worth double. Will you let such a bargain pass unnoticed?

We also have the stock—the best obtainable in Belgium—**of Araucaria Robusta Compacta and Excelsa Glauca;** short, bushy jewels—none better in the world. 6-in. pots, $1.00, $1.25 and $1.50.

Cyclamen Grandiflorum, 4-in. pots, 25c; 5¼-in., 35c.

Cineraria Hybrida, Aschmann's well-known strain, 2½-in. pots, $3.00 per 100; 3-in., $5.00.

POINSETTIAS.

THE TOWN'S TALK.

Did you see those large 12-in. pans, made up of 3 large, 20 to 25-in. high poinsettias, trimmed with large Whitmani, Scottii and Glatrasii ferns, areca palms, Asparagus plumosus and Sprengeri, cocos palms, etc., in Mr. McGinty's show window? "They came from Godfrey Aschmann's greenhouses; we paid only $2.50 each for them and sell them at a ten dollar bill." "Oh, I bought one not quite as big as yours, for which I paid Aschmann only $2.00," explained Mr. Miller; "I let it go for eight dollars. I thought that was a fair profit."

LEADER IN FERNS.

Pot-Grown—Not From Bench.

Scottii, Scholzeli, Whitmani and Boston. Six houses stocked with them; 10,000 in all sizes and varieties now ready, never before better than this year; 5, 5½ in., 25c, 35c; 6 in., only 50c, 75c to $1.00. **Scottii, Whitmani, Scholzeli,** 4-in., 15c to 20c; fine to grow on. **Glatrasii,** 4-in., 20c; 5-in., 25c and 30c. **Boston, Whitmani, and Scholzeli,** 7-in. pots, as large as a bushel basket, 75c to $1.00. Our ferns are all pot-grown—not lifted from benches.

Ferns. Cordata Compacta, 4-in., 15c to 20c.

Ferns for dishes, big assortment, 2½-in. pots, $4.00 per 100; 3-in., $5.00 per 100.

Wilsoni Ferns, 3 plants in a 6-inch pan, very bushy, 25c to 35c per pan.

Asparagus Plumosus, 2½-in., 3c; 3-in., 5c; 4-in., 10c and 15c.

Asparagus Sprengeri, large, 4-in. pots, 15c; medium, 4-in., 10c; 2½-in., $3.00 per 100.

Adiantum Hybridum, the new improved beautiful maidenhair fern. Large 4-in., 15c; medium 4-in., 10c; large 3-in., 8c.

Ficus Elastica (Rubber Plant), 5¼-in., 25c; 5½ to 6-in., 20, 25 to 30-in. high, 35c, 40c, 50c; 7-in., all staked up, 35 to 40 in. high, 75c to $1.00. We have the finest rubbers in the country.

All plants 25 at 100 rate. Cash with order, please. All plants must travel at risk of purchaser only.

GODFREY ASCHMANN, 1012 W. Ontario St., PHILADELPHIA, PA.

WHOLESALE GROWER, IMPORTER AND SHIPPER OF POT PLANTS

Ferns, Cyclamen, Hydrangeas

Remember us for Ferns in variety. We have an excellent lot of **Boston Ferns, Plumosus** and the new **Roosevelt.**

We are now ready to ship excellent **Cyclamen Seedlings** in 6 varieties, separately labeled, at $1.50 per 100; $12 50 per 1000. Very good imported strain.

We also solicit your orders for **Hydrangeas** for forcing, at 15c and 25c.

Yours for fairness.

D. U. Augspurger & Sons Co.

PEORIA, ILL.

SMITH'S ADVANCE

The Earliest Large-flowered

WHITE CHRYSANTHEMUM

We offer young stock from one of the most celebrated growers, 2-in. pots, **$1.25** per dozen, **$10.00** per 100.

Stock grown to your order.

A. L. RANDALL CO.

66 E. Randolph St., CHICAGO, ILL.

MILLER'S GIANT OBCONICAS

are the best selling plants on the market when in bloom. Flowers average larger than silver dollars, with long stems, on a well-grown plant. They are a sure money-maker for you. Extra strong, 3-in. stock, $5.00 per 100.

Cyclamen Giganteum, in bud, 4 in., $10.00 per 100; 3-in., $5.00 per 100.

Cinerarias, the largest flowering grown, strong 3-in., $3.50 per 100.

Asparagus Plumosus, large 3-in., $4.00 per 100; 2-in., $2.50 per 100. **Asparagus Sprengeri,** 2-in., $2 00 per 100.

Chinese Primrose, extra fine large flowering, 3-in., $4.00 per 100. **Rewensis Primrose,** sweet-scented, for cut flowers and pot plants, 3-in., $4 00 per 100.

These are all well-grown plants and will please you. Cash, please.

J. W. MILLER, Shiremanstown, Pa.

Classified Ad Department



Rate for advertising in this department 10 cents a line net, per insertion.

ACHYRANTHES.

Achyranthes Lindenii and Emersonii. Rooted cuttings, $1.00 per 100; 2½-in., 2½c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

500 2-in. achyranthes, $2.00.
Mercer Floral Co., Bowling Green, O.

ADIANTUMS.

Adiantum Farleyense, strong plants, 4-in., $4.00 per doz. Cash, please.
Rober & Radke, Maywood, Ill.

100 Adiantum Croweanum, fine stock in 5-in., 20c. Cash. F. E. Cremer, Hanover, Pa.

AGERATUMS.

Ageratum Little Blue Star, rooted cuttings, 50c 100. $4.00 1000; 2-in., in bloom, 2c. Cash. Mail, 10c per 100.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Ageratum Stella Gurney R. C., 50c 100; $4.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

ALTERNANTHERAS.

ALTERNANTHERA JEWEL.
Stock plants, 2½-in., $20.00 per 1000; rooted cuttings, $10.00 per 1000. This is by far the finest alternanthera in sight, and you should stock up now for spring sales.
Chas. H. Totty, Madison, N. J.

Alternantheras, red, green and yellow. Strong R. C., 50c 100; $4.00 1000; 2¼-in., 2c. Ready now.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Alternantheras, yellow. Rooted cuttings, $5.00 per 1000. Cash.
West Side Greenhouses, Barberton, O.

Alternantheras, red and yellow. Rooted cuttings, 50c per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Alternantheras, 4 kinds. R. C., 50c 100.
Mosbaek Greenhouse Co., Onarga, Ill.

Alternantheras, red and yellow, R. C., 50c per 100. M. E. Wyatt, Watseka, Ill.

ALYSSUM.

Alyssum, double giant, 2¼-in., 2c. Rooted cuttings, 50c per 100, $4.00 per 1000; if by mail 10c per 100 extra. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

AMPELOPSIS.

AMPELOPSIS VEITCHII.
Boston Ivy.
Extra strong 3-yr. transplanted, heavy 2½ to 4 ft. tops and roots, $2.00 per doz., $12.00 per 100. 2-yr. transplanted, 18 to 24-in. tops, well rooted, $1.00 per doz., $5.00 per 100. Strong 1-yr., 18 to 24-in. tops, $1.50 per 25; $2.00 per 50, by mail; $3.00 per 100, $25.00 per 1,000 by express. Chas. Black, Hightstown, N. J.

Ampelopsis Veitchii, transplanted and extra fine, 2½ to 4 ft. tops, $1.50 per doz.; $9.00 per 100. Southside Nurseries, Chester, Va.

ANTHERICUM.

Anthericum variegatum, strong plants, 3-in., 3c; 5-in., 10c. H. G. Norton, Perry, O.

ARAUCARIAS.

Araucaria excelsa, 5-in. pots, 50c to 75c each; 6-in. pots, $1.00 to $1.25 each. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

Araucarias, 5-in., $6.00 per doz.; $45.00 per 100. Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS.

Asparagus plumosus, extra strong healthy stock ready for shift, 2¼-in., $2.50 per 100, $22.00 per 1000; 3-in., $5.00 per 100.
Asparagus Sprengeri, strong plants ready for shift, 2¼-in., $2.00 per 100, $17.00 per 1000; 3-in., $3.00 per 100. Strong seedlings, $1.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Asparagus plumosus from 3-inch pots, express prepaid, $4.50 per 100; extra large plants from the field, good for 8 to 10-inch pots, $22.50 per 100. Cash with order.
Diamond Hill Nursery,
763 S. Boyle Ave., Los Angeles, Calif.

Asparagus plumosus, big, strong plants, 2½-in., $4.00 per 100, $35.00 per 1000; 3-in., $6.00 per 100, $50.00 per 1000. A. Sprengeri, 2½-in., $4.00 per 100; $35.00 per 1000.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Asparagus plumosus to close out, 3-in., ready for 4 and 5-in., $5.50 per 100; $50.00 per 1000. Asparagus Sprengeri, 3-in., ready for 5-in., $5.00 per 100; $45.00 per 1000.
Swan Peterson Floral Co., Gibson City, Ill.

Asparagus Hatcheri, from 2½-in. pots, ready for 3½-in., the asparagus fern that's talked about, $10.00 per 100. Cash.
Ehmann's, Corfu, N. Y.

Asparagus plumosus nanus, from 2¼-in. pots, $2.50 per 100, $22.50 per 1000; 3-in. pots, $5.00 per 100, $45.00 per 1000. Cash with order, please.
FLORAL HILL GARDENS,
G. F. Nelpp, Prop. Chatham, N. J.

10,000 Asparagus plumosus, extra strong 2½-in., $2.50 per 100; $22.00 per 1000. 6000 A. Sprengeri, strong, bushy, $2.00 per 100; $18.00 per 1000. Cash.
Daut Bros., 825 N. Water St., Decatur, Ill.

Asparagus plumosus, extra strong, from 2-in. pots, $2.50 per 100, $22.00 per 1000; 2½-in., $3.00 per 100, $26.00 per 1000. A. Sprengeri, 2½-in., $3.00 per 100.
Wettlin Floral Co., Hornell, N. Y

Asparagus plumosus. Extra strong seedlings, $1.50 100; extra strong 4-in. plants, 12c to 15c each. Asparagus Sprengeri, extra strong seedlings, $1.50 100. Cash, please.
Rober & Radke, Maywood, Ill.

6000 Asparagus plumosus, 2¼-in., $3.00 per 100; $25.00 per 1000. 5000 Asparagus Sprengeri, 2½-in., $2.50 per 100; $22.50 per 1000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Asparagus plumosus, 2¼-in. pots, $3.50 per 100, $30.00 per 1000; 3-in. pots, $6.00 per 100. Cash with order. 500 at 1000 rate.
Frank Oechslin, 4911 W. Quincy St., Chicago.

ASPARAGUS PLUMOSUS NANUS.
CUT STRINGS, 8 FT. LONG,
50c EACH.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, 2½-in., $3.00 per 100; $25.00 per 1000. Asparagus Sprengeri, 2½-in., $2.50 per 100; $22.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Asparagus plumosus, extra strong 2-in., should be in 3-in., 2½c. Sprengeri, 2-in., 2c.
J. L. Schiller, Toledo, Ohio.

ASPARAGUS WANTED! 12,000 seedlings of A plumosus nanus. State what quantity you have and lowest price. Chas. Frost, Kenilworth, N. J.

Asparagus Sprengeri, 3-in., strong, ready for shift, $3.50 per 100. Cash, please.
W. H. Troyer, Elkhart, Ind.

Large Asparagus Sprengeri, ready for 4-in. pots, $2.00 per 100.
Chas. A. Patrick, Pickerington, O.

Asparagus plumosus, 2½-in. pots, $3.00 per 100. Cash, please.
L. Rush, 135 34th St., Detroit, Mich.

Asparagus plumosus seedlings from greenhouse grown seed.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Asparagus plumosus, 2¼-in., 3c; 3-in., 6c. A. Sprengeri, 2¼in., 2c; 3-in., 4c; 4-in., 8c.
Mosbaek Greenhouse Co., Onarga, Ill.

Asparagus Sprengeri, 2¼-in., extra strong, $2.00 per 100; 3-in., $5.00 per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Asparagus plumosus nanus, 2-in., 2c. Asparagus Sprengeri, 2-in., 2c.
U. G. Harglerode, Shippensburg, Pa.

Asparagus plumosus, 3-in., 6c. A. Sprengeri, 3-in., 4c; 4-in., 6c; 5-in., 12c.
Schneider, Florist, Springfield, Ohio.

Asparagus plumosus, strong plants, 2½-in., $3.00 per 100; $25.00 per 1000. Cash.
W. B. Girvin, Leola, Pa.

Asparagus Sprengeri. Good, strong plants from 3-in. pots, $3.00 per 100 plants.
B. H. Haverland, Mt. Healthy, O.

Asparagus Sprengeri, 3-in., $3.00 per 100; 200 for $5.00.
Whitton & Sons, City & Green, Utica, N. Y.

Asparagus plumosus, $2.00 per 100; $17.50 per 1,000. Sprengeri, $1.50 per 100; $15.00 per 1,000. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus, fine large plants, ready for 5-in. or bench, 10c each.
Stuhldreher Bros., Mansfield, Ohio.

NICE PLUMOSUS.
4-in., 12c.
Gullett & Sons, Lincoln, Ill.

Asparagus Sprengeri, extra strong 2½-in., ready for benching, $3.00 per 100; $27.50 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Asparagus plumosus, 3-in., 5c. Sprengeri, 2¼-in., strong, 2c.
Hammerschmidt & Clark, Medina, Ohio.

Asparagus Sprengeri, extra strong 2-in. stock, $2.00 per 100, to close out to make room.
Addems, Morgan & Co., Paxton, Ill.

Asparagus Sprengeri, 2¼-in. pots, $2.00 100; 4-in., $8.00 100; 5-in., $15.00 100.
Willis W. Kinyon, South Bend, Ind.

Asparagus plumosus, 3-in., $4.00 per 100. Cash.
F. E. Cremer, Hanover, Pa.

Asparagus, fine. See display adv.
J. W. Miller, Shiremanstown, Pa.

Asparagus plumosus nanus, 4-in., $8.00 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

Asparagus plumosus, good stock, $25.00 per 1000. Albert M. Herr, Lancaster, Pa.

Asparagus Sprengeri, strong 2½-in. 2c.
S. Wilson & Son, Marion, O.

ASPIDISTRAS.

Aspidistras, green leaved, 10 to 14 leaves, 50c, 60c and 75c. Cash.
N. A. Corlin, Elberon, N. J.

BAY TREES.

Bay trees (standards), fine assortment, sizes 12 to 48 in. crowns. Price, $2.50 to $25.00 each. Let us know your wants.
Wagner Park Conservatories, Sidney, Ohio.

Bay trees and box trees, all sizes.
Write for special list.
Julius Roehrs Co., Rutherford, N. J.

Bay trees. Fine selection. Write for prices.
Holton & Hunkel Co., Milwaukee, Wis.

BEGONIAS.

Blooming begonias in assortment, $2.50 per 100. Rex begonias in assortment, $4.00 per 100; 2½-in., large, $6.00 per 100; 4-in., fine plants, $2.50 per doz. Some fine stock of my new special Rex begonias, Emerald Queen and Bronze King, 2-in., $6.00 per 100; 2½-in., $8.00; 4-in., fine plants, 35c each, $4.00 per doz.
N. O. Caswell, Delavan, Ill.

Begonia Vernon, pink and white, large, for Christmas, 5-in., 20c; 4-in., 10c. Louise Erdody, Rex or Ram's Horn, large 5-in., 25c. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

Red begonias for Xmas. Red Vernon, the best Xmas begonia, 100 5-in. at 17c; 100 4-in., fine stock, at 14c. I need the room. Cash, please.
E. A. Johannes, Rockford, Ill.

Begonia Lorraine, exceptionally well developed plants, ready for immediate retail sales, 6-in., 60c each; 7-in., 75c each.
Baur Floral Co., Erie, Pa.

Rex Begonias, strong 2-in., fine varieties, 4c; $35.00 per 1000.
Williams & Clark Floral Co., Muncie, Ind.

REX BEGONIAS my specialty. Largest collection, $5.00 per 100.
B. C. BLAKE, Springfield, O.

Begonia Lorraine, 5-in., 35c and 50c. In bloom and out. Erie Floral Co., Erie, Pa.

Flowering begonias, good assortment, $3.00 per 100. Storrs & Harrison Co., Painesville, O.

Rex begonias in variety, 2¼-in., 75c per doz.; $5.00 per 100. G. E. Fink, Kenilworth, N. J.

Begonias, luminosa and rosea. Strong 2-in., 2c. Ready now. R. B. Kilbury, R. R. 1, Dayton, O.

BERRIED PLANTS.

Jerusalem cherry plants, bushy and well berried, 4-in., $7.00; 5-in., $10.00 100. Cash with order. H. A. Cook, Oberlin, O.

JERUSALEM CHERRIES, pot grown, strong and well berried plants, 4-in., $10.00 per 100. Cash, please. F. Sokol, Worcester, Mass.

Nice field-grown Jerusalem cherry plants, 4-in., $8.00 per 100; $75.00 per 1000.
C. W. Espy & Son, Brookville, Pa.

Xmas peppers, 2¼-in., $2.00 100, $18.00 1000; 3-in., well branched, $4.00 per 100. Cash, please.
P. Rieth & Co., Downers Grove, Ill.

Jerusalem Cherries. Bushy, well berried plants, 4-in., $10.00; 5-in., $15.00 per 100.
H. B. Snow, Camden, New York.

Christmas peppers, 4-in., $10.00 per 100. Cash.
Marion Floral Co., Marion, Ind.

BOUVARDIAS.

Bouvardia stock plants, single; red, white and pink, $20.00 per 100.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Bouvardia stock plants. B. Humboldtii and rosea grandiflora, $3.00 per doz.; $20.00 per 100. Cash with order. Blondeel, Oak Park, Ill.

BULBS.

SINGLE HYACINTHS. Mammoth bulbs for forcing, all colors, named, $4.50 per 100.
SINGLE TULIPS. Artus, 75c per 100; Cottage Maid, 80c per 100; La Reine, 60c per 100; Keizerskroon, mammoth, $1.20 per 100; Yellow Prince, 85c per 100; Gesneriana, 95c per 100.
NARCISSUS. Golden Spur, double nosed, $1.75 per 100.
Sluis Seed Store, 544 W. 63rd St., Chicago.

Bulbs of all descriptions. Write for catalogue and prices.
C. Keur & Sons, Hillegom, Holland,
New York Branch, 25 W. Broadway.

American grown bulbs, none better, none cheaper. Send for surplus list at special prices.
Hubert Bulb Co., Portsmouth, Va.

CACTI.

Old Man cactus, 4- 5-in., $3.00 doz. postpaid.
J. A. McDowell, Ap. 167, Mexico City, Mex.

CALLAS.

Godfrey callas. Outbloom, the common sort 5 to 3 or better. From 4-in., strong, ready for 6s, blooming now, 20c each (75 plants to spare); from 6-in., need shifting to 8-in., 35c each. Either size will return double their cost in blooms this season. We have more than we need. Got original stock from E. G. Hill about seven years ago. Green's Greenhouses, Fremont, Neb.

Some fine stock of Godfrey callas from stock of the first distributor; the one to grow for paying results. 2½-in. plants, will soon make blooming plants, at $5.00 per 100, $45.00 per 1000. Also a lot of started plants in flats, for prices of which write. N. O. Caswell, Delavan, Ill.

GODFREY CALLAS.
Good stock.

2½-in. plants	$4.00 per 100
3-in. plants	5.00 per 100

For quick results order from
Conard & Jones Co., West Grove, Pa.

Godfrey callas, bring 3 flowers to 1 of the common, 2½-in., $5.00 per 100; $45.00 per 1000. They will bloom this season. See my A. plumosus and cyclamen advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

Godfrey callas. We have the following sizes left: 75 in 2½-in. pots, 24 in 3-in. pots, 26 in 3½-in. pots, 125 plants; $5.50 cash takes the lot.
The Newburys, Mitchell, S. D.

Godfrey callas. Have 200 more than we need, good stock from 4-in. Will sell the lot for $10.00, cash.
H. D. Schilling, 1840 Shelby, Indianapolis, Ind.

Godfrey callas, 4-in., $6.00; 2½-in., $4.00. Out of flats, prices on application.
F. S. Smith, 330 W. 38 St., Indianapolis, Ind.

BUSINESS BRINGERS—
REVIEW Classified Advs.

CANNAS.

We have an immense stock of a fine crop of canna roots at $7.00 per 1000 and up. Get our list before ordering. The largest canna grower in the world.
Imperial Seed & Plant Co., Grange, Balto., Md.

THE IMPROVED CANNA.
64 varieties, including Mrs. A. F. Conard and the finest new ones. Send for price list.
Conard & Jones Co., West Grove, Pa.

Cannas, King Humbert, Marlborough and Chas. Henderson. Prices on application.
Geo. Just, Jacksonville, Fla.

Canna C. Henderson. Dry bulbs, 1 to 3 eyes, $2.00 per 100. Cash.
Jos H. Cunningham, Delaware, O.

CARNATIONS.

ROOTED CARNATION CUTTINGS.

	Per 100	Per 1000
Wodenethe	$12.00	$100.00
Afterglow	3.00	25.00
Beacon	4.00	30.00
Bonfire	6.00	50.00
Enchantress	3.00	25.00
Gloriosa	6.00	50.00
Pink Delight	5.00	40.00
Princess Charming	6.00	50.00
Rosette	12.00	100.00
Rose-pink Enchantress	3.00	25.00
Mrs. Ward	4.00	30.00
Washington	6.00	50.00
White Enchantress	4.00	30.00
White Perfection	3.00	25.00
White Wonder	6.00	50.00
Winsor	3.00	25.00
St. Nicholas	12.00	100.00
Comfort	6.00	50.00
Brooklyn	12.00	100.00
Dorothy Gordon	4.00	35.00
Pennsylvania	3.50	30.00

S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

CARNATION ROOTED CUTTINGS.
If you have cool house in which to keep them you can make your carnations pay you ⅓ more by getting your stock early. The following are the best paying varieties for the grower on the market today. Our stock is strictly first-class in every respect. Instructions to care for plants with every order.

	100	1000
Light Pink Enchantress	$3.00	$25.00
Dark Pink Enchantress	3.00	25.00
Pure White Enchantress	3.50	30.00
Dorothy Gordon, pink	3.00	25.00
Mrs. C. W. Ward, pink	3.00	25.00
White Wonder	6.00	50.00

250 at 1000 rate. Cash or reference.
Smith & Gannett, Geneva, N. Y.

CARNATION CUTTINGS.
Clean, healthy and well rooted stock.

	Per 100	Per 1000
White Wonder	$6.00	$50.00
Washington	6.00	50.00
Gloriosa	6.00	50.00
Dorothy Gordon	4.00	35.00
Pink Delight	5.00	40.00
Beacon	4.00	30.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00

Cash with order. Satisfaction guaranteed.
MIAMI FLORAL CO.,
Geo. Bartholomew, Mgr.
24 N. Main St., Dayton, O.

CARNATION ROOTED CUTTINGS.
Strong, clean, healthy stock.

Enchantress	$25.00 per 1000
Rose-pink Enchantress	25.00 per 1000
White Enchantress	25.00 per 1000
Dorothy Gordon	25.00 per 1000
Scarlet Glow	25.00 per 1000
O. P. Bassett	25.00 per 1000
Beacon	25.00 per 1000
White Wonder	50.00 per 1000
Washington	50.00 per 1000
Bright Spot	50.00 per 1000

A. JABLONSKY,
Olivette, St. Louis County, Mo.

CARNATION ROOTED CUTTINGS.
Immediate Delivery.

	100	1000
White Wonder	$6.00	$50.00
Gloriosa	6.00	50.00
Norwood	6.00	50.00
Dorothy Gordon	4.00	35.00
White Perfection	3.50	30.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
Beacon	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Winsor	2.50	20.00

Thompson Carnation Co., Joliet, Ill.

CARNATIONS.
ROOTED CUTTINGS.
IMMEDIATE DELIVERIES.
Wodenethe, the greatest white, and Brooklyn, an absolutely reliable cerise pink, $12.00 per 100; $100.00 per 1000.
Princess Charming, White House, White Wonder and Gloriosa, $6.00 per 100; $50.00 per 1000.
Winsor, Harlowarden, Sangamo, Mrs. Patten and White Perfection, $3.00 per 100; $25.00 per 1000. Chas. H. Totty, Madison, N. J.

CARNATION ROOTED CUTTINGS.

	100	1000
White Wonder	$6.00	$50.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
Beacon, Victory	3.00	25.00
May Day, Enchantress	3.00	25.00
Princess Charming	6.00	50.00
R. P. Enchantress, Harlowarden	3.00	25.00

Clean, healthy and well rooted. Cash, please.
Riverside Floral Co., Muncie, Ind.

ROOTED
CARNATION CUTTINGS.
MRS. C. W. WARD.
ALMA WARD.
$3.50 per 100.
$30.00 per 1000.
READY FOR DELIVERY NOW.
Also all standard varieties.
THE LEO NIESSEN CO.,
12TH & RACE STS., PHILADELPHIA, PA.

Carnations, January 1. Enchantress, Rose-pink Enchantress and Pure White Enchantress, well rooted, from strong healthy plants, $2.50 per 100; $20.00 per 1000. Cash.
Daut Bros., 112 E. Prairie, Decatur, Ill.

Enchantress cuttings ready now, $2.00 per 100; $18.00 per 1000. Beacon, White Perfection, White Enchantress, Winsor, Dorothy Gordon, Mrs. Ward ready soon. For good stock write us
C. C. Pollworth Co., Milwaukee, Wis.

Strong, well rooted carnation cuttings. Winsor and Victory, $2.00 per 100; $15.00 per 1000. White Perfection, $2.50 per 100; $20.00 per 1000. Mrs. C. W. Ward, $3.00 per 100. Cash or C. O. D.
Northwestern Floral Co., Gross Point, Ill.

Carnations, Enchantress, now ready, $2.00 per 100; $18.00 per 1000. White Enchantress, $2.50 per 100; $20.00 per 1000.
Jas. Wheeler, Florist, Natick, Mass.

CARNATION ROOTED CUTTINGS.

White Perfection	$3.00 per 100
Beacon	3.00 per 100

N. Bommersbach, Decatur, Ill.

Carnation rooted cuttings. Enchantress, White Enchantress, Winsor, Beacon, $3.00 per 100.
Marine City Floral House, Marine City, Mich.

500 Winsor carnation plants, from pots, $5.00 per 100. Erie Floral Co., Erie, Pa.

CHRYSANTHEMUMS.

Chrysanthemums. PINK—Enguehard, Chamberlain, Glory of Pacific, Pacific Supreme, Minnie Bailey. YELLOW—Major Bonnaffon, Golden Glow. WHITE—Polly Rose, Touset, Robinson, Mrs. Wm. Buckbee, $3.00 per 100. Number 10 seedling, white, midseason; and Number 9 seedling, creamy white; late Golden Glow sport, white, $10.00 per 100. Yellow Ivory, $5.00 per 100. The two seedlings are good commercial varieties of large size.
Henry A. Bester & Sons, Hagerstown, Md.

ALL PRIZE WINNING STOCK.

WHITE—	PINK—
A. Byron.	Mayor Weaver.
Lynnwood Hall.	Maud Dean.
Venetta.	YELLOW—
W. Jones.	G. Glow.
Pres. Taft.	Col. Appleton.
White Eaton.	Yellow Eaton.
PINK—	Maj. Bonnaffon.
Pacific Supreme.	G. Eagle.
Rosiere.	G. Wedding.
Gloria.	Y. Jones.
A. J. Balfour.	Nagoya.

60c per doz.; $4.00 per 100.
Fine Ivory plants, $2.00 per 100.
C. C. Pollworth Co., Milwaukee, Wis.

FINE MUM STOCK PLANTS.
READY FOR SHIPMENT.
$4.00 per 100.
Cash with order.

Oct. Frost	Mrs. O. H. Kahn
A. J. Balfour	Pockett's Crimson
Beatrice May	Yellow Miller
Col. Appleton	T. Eaton
Dolly Dimple	Miss C. Frick
Glory Pacific	Polly Rose
Pacific Supreme	Pink Globe
Monrovia	Major Bonnaffon

White Bonnaffon
Hayman Greenhouse Co., Clarksburg, W. Va.

POMPONS—Zenobia, Baby, Diana, Lulu, Bessie Flight.
SINGLES—Adelaide, Katie Covell, Mary Richardson, Kitty Bourne, Ladysmith, Helen Totty, Harold Bishop, M. J. Carlisle, Garza, Estelle Burnes.
Both pompons and singles, 75c per doz.; $4.00 per 100.
CHRYSANTHEMUMS—October Frost, Monrovia, Golden Glow, Jeanne Nonin, Major Bonnaffon, Dr. Enguehard, Clementine Touset, 50c doz., $3.00 per 100; $25.00 per 1000. Will trade—what have you?
W. R. Miller, The Florist, Covington, Ky.

HERE'S SOMETHING NEW!
YELLOW KALB.
SPORT OF WHITE KALB.
Blooms as free and keeping quality is as good as of the white one. Best early yellow chrysanthemum on the market.
Stock plants, $10.00 per 100; $1.50 per doz.
Only a few left. Better hurry, you can't get it anywhere else.
Parties unknown to us will kindly send cash with order or good reference.
KYLE & FOERSTER,
162 N. Wabash Ave., Chicago.

CHRYSANTHEMUMS.
Several thousand fine stock plants ready for shipment.
$3.00 per 100.

Golden Glow	Col. Appleton
Polly Rose	Golden Wedding
Halliday	White Chadwick
Touset	Adelia
Monrovia	Mrs. Robinson

Major Bonnaffon.
J. F. WILCOX & SONS,
COUNCIL BLUFFS. IOWA.

CHRYSANTHEMUM STOCK PLANTS.

Crocus	Alice Byron
Dr. Enguehard	Pacific Supreme
Winter Cheer	Edmond Albe
Major Bonnaffon	C. Touset

Halliday
$3.00 per 100. Cash.
Holton & Hunkel Co., Milwaukee, Wis.

$3.50 per 100; 60c per doz., cash with order, for the following stock plants: Golden Glow, October Frost, Opah, Estelle, Gloria, Holliday, Robinson, Mrs. Weeks, Alice Byron, Wm. Duckham, Pres. Taft, Honesty, Philadelphia, White and Yellow Bonnaffon, Trainor Park, Golden Wedding, Dr. Enguehard, John Burton, Jeanne Nonin, Yanoma. The Newburys, Mitchell, S. D.

Chrysanthemum stock plants, $4.00 per 100. Will exchange for other sorts needed. Sunshine, Touset, Robt. Halliday, Glory Pacific, Monrovia, Col. Appleton, Pacific Supreme, Robinson, Duckham, October Frost, Balfour, Black Hawk, Virginia Poehlmann, Dr. Enguehard and Jeanne Nonin. Truitt's Greenhouses, Chanute, Kan.

Why not buy for immediate delivery and double your stock by the 1st of January, thereby saving money. Extra strong 2-in. plants of the finest and earliest white chrysanthemum, Smith's Advance, ready now, $1. 25 per doz.; $10.00 per 100. Cash.
Jos. F. Klimmer Estate, Forest Park, Ill.

CHRYSANTHEMUM STOCK PLANTS.
Extra strong clumps.
Golden Glow, Pres. Taft, Donatello, Elise Papworth, Maj. Bonnaffon, Dr. Enguehard, Pink and White Ivory, $4.00 per 100. Minta, the new Enchantress colored pink pompon, $8.00 per 100.
Zieger & Sons, Germantown, Phila., Pa.

Stock plants. Y. and W. Eaton, Y. Bonnaffon, A. Byron, Yanoma. $3.00 100.
West View Floral Co., Knightstown, Ind.

CHRYSANTHEMUMS—Continued.

CHRYSANTHEMUM STOCK PLANTS
50c per doz.; $3.00 per 100.
Pacific Supreme

Mrs. Weeks	Golden Glow
White Ivory	Bonnaffon
Pink Ivory	Merry Jane
Touset	Col. Appleton
White Eaton	Mayor Weaver
Nagoya	Yellow Eaton
October Frost	J. Nonin

Patty, 5c

Erie Floral Co., Erie, Pa.

Chrysanthemum stock plants. Golden Glow, Oct. Frost, W. Bonnaffon, Y. Bonnaffon, Pres. Roosevelt, W. Chadwick, Helen Frick, Col. Appleton, Halliday, Lady Hopetown, Honesty, cash or exchange, 50c per doz.; $2.50 per 100.
R. E. Rathbun, Sioux City, Iowa.

Chrysanthemum cuttings for early delivery. Golden Chadwick, W. H. Chadwick, Yellow Eaton, White Eaton, W. T. Brock (incurved Thanksgiving pink), $2.50 100; $20.00 1000. All other varieties at market prices.
R. J. Irwin, 3097 Broadway, New York, N. Y.

"CHRYSANTHEMUMS FOR THE MILLION."
A record of notes on the culture of the chrysanthemum, by growers situated in every section of the United States, with an introduction by the author, C. H. Totty. Price, 25c.
Chas. H. Totty, Madison, N. J.

Orders booked for young plants of Smith's Advance, earliest white; Unaka, earliest pink; January and February delivery, $1.00 per 10; $8.00 per 100. Please order early. Stock plants all sold. Max B. Schreiber, McDonald, Pa.

Chrysanthemums. Smith's Advance, the peerless early white chrysanthemum. Rooted cuttings, tips only, $5.00 per 100. 500 stock plants of Nagoya, one of the best late yellows, $5.00 per 100. Maurice J. Brinton, Christiana, Pa.

Chrysanthemum stock plants. Chas. Razer (best white), $3.00 per doz. Yellow Bonnaffon, Dr. Enguehard, $3.00 per 100; 50c per doz. Cash with order.
J. H. Miller, 5558 N. Lincoln St., Chicago.

Chrysanthemum stock plants. G. Glow, Crocus, Gloria, Enguehard, Oct. Frost, Polly Rose, 50c per doz.; $3.00 per 100, or will exchange for any stock I can use.
H. S. McClenahan, Oklahoma City, Okla.

Chrysanthemum stock plants. October Frost, Dr. Enguehard, Golden Glow, Major Bonnaffon, $3.00 per 100, or will exchange for other stock.
Wm. Eschrich Co., North Milwaukee, Wis.

Stock plants of Oct. Frost, Polly Rose, Edmond Albe, Black Hawk and Jeanne Rosette, $3.00 per 100.
M. D. Schmidt & Son, 254 Park, Dayton, O.

We have 5000 Smith's Advance chrysanthemum rooted cuttings ready to ship at $5.00 per 100. Cash with order. You had better hurry.
The Newburys, Mitchell, S. D.

Chrysanthemums. Several thousand fine stock plants ready for shipment at once. Maj. Bonnaffon, Yellow Eaton, Estelle, $3.00 per 100.
D. H. Green, Boonsboro, Md.

Chrysanthemum stock plants. Dr. Enguehard, Lavender Queen, Adelia, Alice Byron, Jeanne Nonin, Bonnaffon, etc., $3.00 per 100.
Wm. Nakel, 5812 Clinton, Philadelphia, Pa.

Chrysanthemum stock plants. Yellow Bonnaffon, Dr. Enguehard, Glory of Pacific and Estelle, $3.00 per 100.
Mosbæk Greenhouse Co., Onarga, Ill.

Chrysanthemums. Nagoya, $4.00 100. Mrs. H. W. Buckbee, $3.00 100. Diana, small white, $2.50 100. Jas. C. Murray, Box 592, Peoria, Ill.

Chrysanthemum stock plants, strong. Mrs. Parr, Pres. Roosevelt, Helen Frick, $3.00 per 100
Mercer Floral Co., Bowling Green, O.

Chrysanthemum stock plants. Smith's Advance, 25c each; Golden Glow, 10c eacn.
Eli Cross, 25 Monroe, Grand Rapids, Mich.

Chrysanthemum stock plants, Major Bonnaffon and Dr. Enguehard, $3.00 per 100; 50c per doz.
John W. Scott, Box 345, Lisbon, O.

Chrysanthemum stock plants. 500 Eaton, 500 Bonnaffon, 2½c each.
S. Wilson & Son, Marion, O.

Stock plants of yellow Garza, new, at 50c each., $5.00 per doz.
Jacob Russler, 114th and Avon, Morgan Park, Ill.

CINERARIAS.

Cinerarias. Vaughan's Columbian, James' Prize, Boddington's Perfection, Matchless Dwarf, azure blue, white, blood red and old rose, 3-in., ready for 4-in., $4.00; 4-in., ready for 5-in., $6.00 per 100. Fine, clean stock. Cash only, please. J. Sylvester, Florist, Oconto, Wis.

Cinerarias, Vaughan's Columbian, 3½-in., ready for 5-in., $5.00 per 100. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Cinerarias, dwarf varieties. Large plants, ready to shift, 2¼-in., $1.50 per 100; 3-in., $2.50 per 100; 4-in., $5.00 per 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

Cinerarias, this stock is just right to grow on for Easter, 2-in., $2.00 per 100.
John Irvine & Sons, Bay City, Mich.

Cinerarias, finest large flowering dwarf hybrids, in mixture, established in 3-in. pots, $4.00 per 100. Cash. Russell Bros., R. 4, Syracuse, N. Y.

Cinerarias, choice mixed, 2¼-in., 2c; 3-in., ready for 4-in., 4c.
Hammerschmidt & Clark, Medina, O.

Cinerarias. The largest flowers. See display adv. J. W. Miller, Shiremanstown, Pa.

Strong dwarf cinerarias, 2-in., $2.00 per 100.
M. S. Wiecking Co., Bluffton, Ind.

Cineraria stellata, 3-in., 5c.
Mosbæk Greenhouse Co., Onarga, Ill.

Cinerarias, large, dwarf flowering, 2¼-in., 2c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

CLEMATIS.

Clematis paniculata, 2 and 3-yr.-old; also Henryi, Jackmani, Andre Romona, Red Jack. Special price for fall delivery.
Parks & Schaufelberger, Penfield, N. Y.

Clematis, coccinea and crispa. Ask for prices.
Wm. Tell, Austin, Texas.

Clematis paniculata, 2-yr., $7.00 per 100; $60.00 per 1000. H. G. Norton, Perry, O.

Paniculata, 1-yr. seedlings, $2.00 100; $15.00 1000. J. S. Handte, Asheville, N. C.

COBAEAS.

Cobaea scandens seed, $2.00 per lb. postpaid.
J. A. McDowell, Ap. 167, Mexico City, Mex.

COLEUS.

Coleus. Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Coleus, extra fine 2½-in., ready to shift, well branched, 9 kinds, $2.00 per 100. Will exchange for rooted geranium cuttings.
E. Huston & Co., Sistersville, W. Va.

Coleus, 47 varieties, R. C., 60c per 100, $5.00 per 1000; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Coleus, strong, clean 2-in., $2.00 per 100; Verschaffeltii rooted cuttings, $6.00 per 1000. Cash, please. Rudolf Nagel, Lancaster, Pa.

Coleus, standard sorts. R. C., 75c 100; 2¼-in., 2c. Mosbæk Greenhouse Co., Onarga, Ill.

Coleus, 6 good vars. R. C., 60c 100; $5.00 1000.
McRae-Jenkinson Co., Cheswick, Pa.

Coleus, best collection in the U. S.
Albert M. Herr, Lancaster, Pa.

Coleus rooted cuttings, 8 best kinds, 50c 100.
C. L. Reese, 1840 S. Limestone, Springfield, O.

Coleus, all standard varieties. R. C., 60c per 100. M. E. Wyatt, Watseka, Ill.

CROTONS.

Crotons, 5-in. pots, 75c to $1.00 each; 6-in. pots, $1.00 to $1.25 each. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

Croton aurea maculata, 3-in. pot plants, $8.00 per 100.
Storrs & Harrison Co., Painesville, O.

CYCLAMEN.

Giant cyclamen, our own grown strain, selected from the very best and well built plants and flowers. Seed, $1.00 per 100, $6.00 per 1000; nearly all sold out. August seedlings, $2.00 per 100; $18.00 per 1000. Plants, well set with buds, 4-in., $18.00 and $25.00 per 100. Orders amounting to $25.00, 10% off. Here is one of the many letters we received from satisfied customers: E. A. Butler & Son, Niagara, Falls, N. Y., say, "The plants are excellent, the finest we have ever had and, if the seed this year is of the same quality, we will be perfectly satisfied." Our aim has been to, and we have, improved our strain every season. Cultural directions with every order. See my calla and A. plumosus advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

Received first prize at Milwaukee Flower Show. All well grown, strong stock, in full bud and bloom.

5-in.	$ 6.00 per doz.
6-in.	9.00 per doz.
7-in.	12.00 per doz.
8-in.	15.00 per doz.

We are booking orders now for Christmas shipping. Carl Meier & Co., Green Bay, Wis.

CYCLAMEN.

5-in.	$20.00 per 100
4-in.	10.00 per 100
3-in.	7.00 per 100

This is the noted Winterich strain; plants in good shape, we must reduce our stock.
Swan Peterson Floral Co., Gibson City, Ill.

Cyclamen persicum giganteum, mixed colors, in bloom, ready for Christmas.

4-in.	each $ 0.25
5-in.	doz. 9.00
6-in.	doz. 12.00

R. J. Southerton, Highland Park, Ill.

CYCLAMEN, GOOD, STRONG PLANTS.
Best strains, in bud, to close out.

3-in.	$ 5.00 per 100
4-in.	10.00 per 100
4½-in.	20.00 per 100

Rober & Radke, Maywood, Ill.

Cyclamen, best giant commercial strain, 6 separate colors or mixed, 4-in., healthy, stocky plants, in bud and bloom, 15c to 30c each.
J. L. Schiller, Toledo, Ohio.

Cyclamen in bud and bloom. 200 good 5-in., 3 to 4 colors, at 26c. Cash, please.
E. A. Johannes, Rockford, Ill.

Cyclamen seedlings, giant flowering strain, $3.00 100; $25.00 1000
R. J. Irwin, 3097 Broadway, New York, N. Y.

Cyclamen, in bud, with heavy foliage, fine stock, 3-in., 5c; 4-in., 15c and 20c.
R. E. Creager, Thurmont, Md.

Cyclamen, 2¼-in., $4.00 per 100; 3-in., $6.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Cyclamen, 5-in., mixed colors, 35c.
Flick Floral Co., Fort Wayne, Ind.

Cyclamen giganteum, 4-in., 15c.
Mosbaek Greenhouse Co., Onarga, Ill.

Cyclamen giganteum. See display adv.
J. W. Miller, Shiremanstown, Pa.

DAHLIAS.

WHOLESALE LIST FOR 1912
NOW READY
Separated stock and clumps. We use no slips or sprouts for propagation; stock all grown from tubers, insuring strong roots.
J. L. MOORE
Northboro Dahlia & Gladiolus Gardens
NORTHBORO, MASSACHUSETTS

EAST BRIDGEWATER DAHLIA GARDENS.
If you are looking for dahlia stock for your 1912 catalogue, send for trade list to THE DAHLIA KING.
J. K. Alexander, East Bridgewater, Mass.

DAISIES.

Yellow marguerites, winter flowering. Guaranteed healthy stock out of 2½-in. pots, $5.00 per 100; 4-in. pots, 10c, $10.00 per 100. Sample by mail, 10c.
James Crawshaw, Depot Ave., Barrington, R. I.

Daisies, Paris. Rooted cuttings, giant yellow and white, $1.00 per 100. Bellis, Snowball, Longfellow, $2.50 per 1000; 5000 for $10.00.
Ryer Bros., Chambersburg, Pa.

Daisies (Chrysanthemum maximum), fine for cutting. Strong divisions, right from 5-in. pots, $2.00 per 100; $15.00 per 1000. Cash with order.
W. A. Finger, Hicksville, L. I., N. Y.

White marguerites, winter flowering, 75c per 100; fine 2½-in., $2.50 per 100. Cash, please.
W. G. Thomas & Son, Sheffield, Ill.

White marguerites, 2-in., strong plants, $2.00 100.
C. L. Jenkins & Son, R. D. 2, Anacostia, D. C.

The new double daisy, F. Sander, from 2¼-in. pots, $5.00 per 100; $45.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Yellow daisies, 2½-in., $2.50 per 100.
Willis W. Kinyon, South Bend, Ind.

Marguerite daisies, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, Ohio.

DIELYTRAS.

Dielytras (bleeding hearts), strong roots, 5 to 7 shoots, guaranteed, 25c each.
Calvert Floral Co., Lake Forest, Ill.

DRACAENAS.

Dracaena indivisa, 2¼-in., $2.00 per 100; $18.00 per 1000; 3-in., $6.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Dracaena indivisa. Strong 5-in. pot plants, 10c; 3-in., $3.00 per 100. Buy now.
Wm. Eschrich Co., North Milwaukee, Wis.

Dracaena indivisa, pot-grown. From 5-in. pots, $15.00 per 100; from 4-in. pots, $10.00 per 100. Cash. Queen City Floral Co., Manchester, N. H.

Dracaena terminalis, fine young 2½-in. stock, $10.00 per 100.
Julius Roehrs Co., Rutherford, N. J.

3000 Dracaena indivisa. Good strong 2¼-in., 2½c., 3-in., 5c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dracaena indivisa, 2½-in., $2.50 per 100; 3-in., $4.00 per 100. Cash.
Haentze Co., Fond du Lac, Wis.

Dracaena indivisa, 3-in., $5.00 per 100; $40.00 per 1000. L. Potter & Sons, Waukegan, Ill.

Dracaena indivisa, 3-in., 5c each.
Willis W. Kinyon, South Bend, Ind.

FERNS.

FERNS MY SPECIALTY.
COCOS WEDDELINA and KENTIA BELMOREANA. Fine center plants, $1.30 per doz.; $10.00 per 100.
CIBOTIUM SCHIEDEI. Grandest stock ever offered of this most magnificent fern. 3-in., $3.50 per doz., $25.00 per 100; 4-in., $5.00 per doz., $40.00 per 100; 8-in., $2.25; 9-in., $3.50; 10-in., $4.50; 12-in., $6.50 each.
ADIANTUM CROWEANUM, 4-in., $2.00 per doz.; $15.00 per 100.
ADIANTUM CUNEATUM, 2¼-in., $3.50 per 100, $30.00 per 1000; 4-in., nice full plants, $12.00 per 100.
ADIANTUM FARLEYENSE, 4-in., $5.00 per doz.; $40.00 per 100.
ADIANTUM REGINAE and RHODOPHYLLUM, splendid 4-in. stock, $4.50 per doz., $35.00 per 100.
ASPARAGUS PLUMOSUS NANUS, 2¼-in., $3.00 per 100; $25.00 per 1000.
ALSOPHILA AUSTRALIS, a very pretty tree fern, 7-in., $1.50; 10-in., $4.00 each.
J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

FERN BARGAINS.

Boston runners, strong	$15.00 1000
Boston, 2¼-in.	30.00 1000
Amerpohlii, 4-in.	10.00 100

Cash with order.
The above stock is strictly clean and strong.
J. T. Cherry, Athens, Ill.

Ferns for dishes, assorted varieties. Strong, healthy plants from 2¼-in. pots, $3.00 per 100, $25.00 per 1000; 3-in., $6.00 per 100, $55.00 per 1000; 4-in., $12.00 per 100.
Boston ferns, 8-in., $1.25 each; 7-in., $1.00 each, $10.00 per doz.; 6-in., 50c each.
Whitmani, 8-in., $1.50 ea; 7-in., $1.00; 6-in., 50c and 75c each.
Scottii, 7-in., $1.00 each; 6-in., 50c each.
Kentia Belmoreana, 2¼-in., $10.00 per 100; 3-in., $15.00 per 100; 4-in., $30.00 per 100; 5-in., $8.00 per doz.
Cocos Weddeliana, 2¼-in., $10.00 per 100.
Asparagus plumosus nanus, 2¼-in., $3.00 per 100; 3-in., $5.00 per 100.
Asparagus Sprengeri, 2¼-in., $2.50 per 100.
Frank N. Eskesen, Madison, N. J.

FERNS FOR IMMEDIATE DELIVERY.
EXTRA GOOD QUALITY STOCK.
BOSTON.

	100		100
4-inch	$10.00	8-inch	$80.00
5-inch	25.00	9-inch	each, 1.25
6-inch	40.00	10-inch	each, 1.50
7-inch	60.00	12-inch	each, 2.00

WHITMANI.

	100		100
6-inch	$45.00	8-inch	$80.00

ASPARAGUS.
3-in., $6.00 per 100.
R. R. DAVIS CO., MORRISON, ILL.

FERNS FOR JARDINIERES for immediate use. Bushy, well grown plants, 6 to 8 best varieties. From 2¼-in. pots, $3.00 per 100, $25.00 per 1000; from 3-in. pots, $6.00 per 100, $55.00 per 1000; from 4-in. pots, $12.00 per 100.
ADIANTUM CUNEATUM, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.
ASPARAGUS PLUMOSUS NANUS, 2¼-in. pots, $3.00 per 100; $25.00 per 1000.
COCOS WEDDELIANA AND KENTIA BELMOREANA, 2¼-in. pots, just right for centers, $10.00 per 100.
CIBOTIUM SCHIEDII, 7-in. pots, $1.50 each.
Thomas P. Christensen, Short Hills, N. J.

NEPHROLEPIS BOSTONIENSIS.

4-inch	$1.50 doz.;	$12.00 100
5-inch	3.00 doz.;	20.00 100
6-inch	5.00 doz.;	35.00 100

NEPHROLEPIS TODEAOIDES.
This we consider the finest of the crested varieties.

4-inch	$2.00 doz.;	$15.00 100
5-inch	3.50 doz.;	25.00 100
6-inch	5.50 doz.;	40.00 100

The above ferns are all good, strong, stocky plants, ready for immediate sales. Cash.
Jno. F. Sabransky. Kenton, Ohio.

Ferns. Handsome stock. Boston, Whitmani, Elegantissima compacta, Sprinfieldii, Amerpohlii, Scholzeli. Rooted runners, $1.80 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c. Sample sent for 25c. Satisfaction guaranteed. Ferns are grown at Cleveland, Ohio, plant. 60,000 feet of modern glass devoted to ferns and asparagus. Special prices on large quantities for cash only.
Schneider, Florist, Springfield, Ohio.

Ferns. Good, strong pot-grown Amerpohlii. Elegantissima, Piersoni, Boston and Superbissima, 3-in., $7.00 per 100; 4-in., $12.00 per 100, $110.00 per 1000; 5-in., $18.00 per 100. This is all excellent stock and worth more money but I must have room.
Andrew Peterson, Hoopeston, Ill.

Boston ferns, 6-in. pots, 45c ea., $40.00 per 100. Whitmani ferns, 4-in., 20c ea., $15.00 per 100; 5-in., 30c ea., $25.00 per 100; 6-in., 45c ea., $40.00 per 100; 7-in., 60c ea., $55.00 per 100; 8-in., 75c ea., $70.00 per 100. Ficus elastica, 35c, 50c and 75c ea. Cash, please.
Queen City Floral Co., Manchester, N. H.

TABLE FERNS in best mixed varieties, from 2¼-in. pots, $30.00 per 1000; 250 at same rate. I have a large stock to select from. Sure to please. All out of town orders are cash with order, please.
B. SOLTAU FERNERY,
2199 Grant Ave., Jersey City, N. J.

Small ferns for dishes. Pteris Mayii, serrulata cristata variegata, Wimsetti, cretica albolineata, $3.00 per 100; $25.00 per 1000.
Aspidium tsussimense and Cyrtomium falcatum, $3.50 per 100; $30.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Boston ferns, first-class stock, for 5, 6, 7 and 8-in., 20c, 25c, 50c and 75c. Whitmani, for 6, 7, 8 and 10-in., 25c, 35c, 50c and 75c. Also large specimen plants from $1.00 up. Scottii, for 6-in., 25c and 35c. Any quantity; 7000 to choose from. Cash. A. E. Monroe, Wellesley Farms, Mass.

Bench ferns. Boston, Elegantissima, 3, 4-in., 6c, 10c. Elegantissima, 5-in., 12c. Whitmani, 3, 4, 5-in., 8c, 12c, 15c. Amperpohlii, 3, 4-in., 8c, 12c. Scholzeli, 3, 4-in., 10c; 4-in., 15c. Cash.
Byer Bros., Chambersburg, Pa.

Nephrolepis exalta Bostoniensis. Booking orders now. Fine, strong runners, $10.00 per 1000. Nephrolepis exaltata, same price as above. Nephrolepis davallioides furcans, strong runners, $2.50 per 100. J. J. Soar, Little River, Fla.

Ferns for dishes, transplanted, ready for potting, five varieties, $1.00 per 100; $9.00 per 1000. Strong plants, 2-inch, $3.00 per 100, $25.00 per 1000. Cash, please.
Rober & Radke, Maywood, Ill.

Boston ferns for immediate delivery. Extra good quality stock. 2¼-in., $4.00 per 100; 3-in., $7.00 per 100; 4-in., $10.00 per 100; 5-in., $25.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

ROOSEVELT FERN IS A WINNER.
2½-in. .....$2.00 per doz.; $15.00 per 100
3-in. ..... 2.50 per doz.; 17.50 per 100
F. O. B. West Grove.
Conard & Jones Co., West Grove, Pa.

Ferns, extra fine stock, clean and short. 500 3-in. Whitmani at 6c; 1500 Bostons at 5½c. Must have the room. Cash, please.
E. A. Johannes, Rockford, Ill.

Ferns. Boston, 2½-in., 4c. Whitmani, 2¼-in., 5c. Elegantissima, Piersoni and Whitmani, 4-in., 12½c; 5-in., 25c.
Mosbæk Greenhouse Co., Onarga, Ill.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. 500 at 1000 rate. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

Boston and Whitmani ferns, 3-in., $7.00 per 100; 4-in., $12.00 per 100. Good strong stock ready to shift.
Momence Greenhouse, Momence, Ill.

Whitmani, very handsome stock, 35 to 50 fronds, 18 to 24 in. spread, 40c, 50c, 60c. Cyrtomium falcatum (holly fern), 4-in., 15c. Cash. N. A. Corlin, Elberon, N. J.

Boston ferns, 5, 6 and 7-in., 25c, 45c and 65c each; 8, 9 and 10-in., prices on application.
C. H. Jacobs, Westfield, Mass.

Boston ferns, strong runners, $10.00 per 1000. Write for special prices on 5,000 to 20,000 lots.
F. M. Soar, Little River, Fla.

Ferns. Boston, pot-grown, fine stock, 3-in., $7.50 100; 4-in., $15.00 100; 5-in., $20.00 100.
Swan Peterson Floral Co., Gibson City, Ill.

Table ferns, in good varieties, out of 2¼-in. pots, $3.00 per 100. Cash, please.
J. H. Fiesser, Guttenberg, N. J.

Whitmani, Bostoniensis and Piersoni ferns, 4-in., 15 ea.; 5-in., 25c ea.; 6-in., 50c ea.
Koerbel Bros., Jeanette, Pa.

A few hundred left. Whitmani, 4-in., ready for 5-in., 20c. Boston, 5-in., 20c. Fine stock, sure to please. H. S. Brandt, York, Pa.

Boston ferns, grown for our own use but have too many; 5-in., 35c; 6-in., 50c; $6.00 per doz.
D. R. Herron, OLEAN, N. Y.

Boston fern runners, 2 to 4 leaves, $2.00 per 100. P. Pearson, 5734 Gunnison St., Chicago.

Boston ferns, just right for holiday work, 4-in., 15c; 5-in., 25c. Baur Floral Co., Erie, Pa.

Whitmani ferns out of 4-in., fine plants, $10.00 per 100. J. C. Schmidt, Bristol, Pa.

Ferns for dishes, hardy varieties, 2-in., $3.00 per 100. John Irvine & Sons, Bay City, Mich.

Boston ferns, 4-in., 8c. Sprengeri, 4-in., 5c.
Roney Bros., West Grove, Pa.

Boston ferns, 2½-in. stock, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

FEVERFEW.

Feverfew, large double white, $1.00 100, prepaid. Chas. Frost, Kenilworth, N. J.

Feverfew Gem R. C., $1.00 per 100. Cash.
Byer Bros., Chambersburg, Pa.

FORGET ME NOTS.

Forget-me-nots E. Fonrobert. Well rooted cuttings, ready for 2½-in. pots, $1.50 per 100; $8.00 per 1000—not less than 500 at 1000 rate. Best kind for forcing and none better for outdoor planting. W. A. Finger, Hicksville, L. I., N. Y.

FUCHSIAS.

Fuchsia Little Beauty, the true stock, best fuchsia extant, 2¼-in., $4.00 per 100; $35.00 per 1000. 250 at 1000 rate.
Baur Floral Co., Erie, Pa.

Fuchsias, a collection of the best market sorts, 2-in., $2.00 per 100.
John Irvine & Sons, Bay City, Mich.

Finest double fuchsias, dwarf habit. Strong, well-rooted cuttings, $1.00 100; $8.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Fuchsia rooted cuttings. Black Prince and other good sorts, $1.00 per 100; $10.00 per 1000.
G. E. Fink, Kenilworth, N. J.

Fuchsias, assorted vars. R. C., $1.00 100. Cash. McRae-Jenkinson Co., Cheswick, Pa.

GARDENIAS.

Gardenia Veitchii. 3000 extra fine plants in 4-in. pots, $8.50 100; $85.00 1000.
The Hammond Co., Inc., Richmond, Va.

GENISTAS.

Genista racemosa, 6-in. pot plants, $25.00 per 100; very heavy 4-in. pot plants, $15.00 per 100.
Storrs & Harrison Co., Painesville, O.

Genistas. R. C., $1.50 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

GERANIUMS.

GERANIUM ROOTED CUTTINGS.
Strong selected cuttings. We grow for the trade only and our aim is quality.

S. A. Nutt	$12.00 1000
Mme. Buchner	11.00 1000
Duc de Montmort	12.00 1000
Beaute Poitevine	14.00 1000
Jean Viaud	14.00 1000
John Doyle	12.50 1000
Poitevine and Hill, mixed	12.50 1000
Double fringed petunias	9.00 1000

Large stock for January delivery.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

GERANIUMS.
S. A. Nutt, Montmort, DeFrance, Dble. White 2¼-in., $2.00 per 100; $18.00 per 1000.
Rooted cuttings, $12.00 per 1000.
Ricard and Viaud,
Rooted cuttings, $14.00 per 1000.
SCENTED GERANIUMS.
2¼-in., $2.00 per 100.
Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses. Dayton, O.

GERANIUMS.
2½-in. .....$20.00 per 1000
Rooted cuttings ..... 12.50 per 1000
We have the following varieties: Nutt, Ricard, Poitevine, Jean Viaud, Gloire de France, Perkins, La Favorite, Grant, Mme. Landry, Col. Thomas, Conover and several others. Send your orders now. Terms cash, please.
Swan Peterson Floral Co., Gibson City, Ill.

ROOTED GERANIUM CUTTINGS.
Strictly A1 stock of the following superb bedders: S. A. Nutt (greatest dark red), Double Grant (most satisfactory scarlet bedder), Mme. Buchner (only dble. white), $1.50 per 100; $14.00 per 1000. Beaute Poitevine (salmon), $1.75 per 100; $16.00 per 1000. Order now and get prompt delivery. W. T. Buckley Co., Springfield, Ill.

Geraniums. Lecadre, Mosnay, Roseleur, Nutt, Dagata, Ricard, Viaud, La Favorite, Col. Thomas, Jaulin, Perkins, Oberle, 2-in. stock, $2.00 per 100; $18.50 per 1000. Hill, Dryden, Claire Frenot. Pres. Baillet, Mrs. Vincent, Bisquit, 2-in., $3.00 per 100; $25.00 per 1000. Cash. Send for Geranium catalogue. A. D. Root, Wooster, O.

GERANIUM ROOTED CUTTINGS.
S. A. Nutt.....$11.50 per 1000
Ricard ..... 14.00 per 1000
Poitevine ..... 14.00 per 1000
Well packed. We have no other varieties.
Albert M. Herr, Lancaster, Pa.

GERANIUMS.
S. A. NUTT, MONTMORT, DBLE. WHITE.
Rooted cuttings, $10.00 per 1000
2-in., $2.00 per 100; $18.00 per 1000.
Cash with order.
Henry Dornbusch, R. D. 2, Dayton, O.

Geraniums. Strong 2 and 2½-in. Ricard, J. Viaud, $20.00 per 1000; S. A. Nutt, $18.00. Cash with order. Also a few Sullerol, Buchner, Poitevine, etc., mixed $18.00 per 1000.
Quaker Hill Nurseries, Oxford Depot, N. Y.

Geranium cuttings, well rooted. S. A. Nutt, Buchner, Montmort, $1.25 per 100; $10.00 per 1000. Poitevine and Ricard, $1.50 per 100; $12.50 per 1000. Cash with order.
C. B. Shisler, Williamsville, N. Y.

Geranium rooted cuttings. Ricard, Poitevine, Doyle, Viaud, Castellane, $14.00 per 1000. Nutt, $12.00 per 1000. Ready for shipment Jan. 1, 1912. Cash, pelase.
Rudolf Nagel, Lancaster, Pa.

Geranium rooted cuttings. Nutt, Landry, Barney, Ricard, La Favorite, L'Aube and Mme. Bruant, $1.25 per 100; $10.00 per 1000.
Parker Greenhouses, Norwalk, O.

Geraniums. S. A. Nutt, best of all reds, and Beaute Poitevine, best pink, $2.00 per 100; $18.00 per 1000. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Geraniums. Ricard, Mrs. Perkins, Montmort, Harcourt, 2¼-in., $2.50 100; $20.00 1000. Rooted cuttings, mixed, $1.00 per 100.
Willis W. Kinyon, South Bend, Ind.

Geranium rooted cuttings. Ricard, $12.50 per 1000. Nutt and La Favorite, $12.00 per 1000. Poitevine, $1.40 per 100.
G. E. Fink, Kenilworth, N. J.

Geraniums, strong, sturdy 2-in. pot plants. S. A. Nutt, A. Ricard, B. Poitevine, M. Castellane, La Favorite, Francis Perkins, $2.50 per 100.
John Irvine & Sons, Bay City, Mich.

GERANIUM ROOTED CUTTINGS.
S. A. Nutt, $12.00 per 1000. Doyle, Viaud and Jaulin, $14.00 per 1000. Cash with order.
FRED W. RITCHY, LANCASTER, PA.

Geraniums. Col. Thomas, Fleuve Blanc, Harcourt, R. C., $1.20 per 100.
M. E. Wyatt, Watseka, Ill.

Geraniums. S. A. Nutt, strong 2-in., $2.00 per 100; $18.00 per 1000. Cash.
J. J. Soper, Rockford, Ill.

Geraniums. Single Grant, 2¼-in. pots, to close out, $1.50 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Geraniums. S. A. Nutt and standard varieties, 2½-in., $2.50 per 100; $20.00 per 1000. Cash.
H. G. Norton, Perry, O.

Geraniums. Ricard, Poitevine, Castellane, Nutt, La Favorite, fine 2¼-in. stock, $2.00.
S. M. Harbison, Danville, Ky.

Geraniums, mixed, from rooted cuttings to 4-in. stock, any size, $1.00 to $4.00.
Mercer Floral Co., Bowling Green, O.

S. A. Nutt geraniums, good, heavy 2½-in. stock, $2.50 per 100; $25.00 per 1000.
Johann & Son, Collinsville, Ill.

Geraniums, standard market sorts, established plants, $3.00 per 100; $25.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Geraniums. Mme. Buchner, Frances Perkins and Clyde, 2¼-in., $2.50 per 100; $20.00 per 1000.
So. Bend Floral Co., So. Bend, Ind.

Geranium S. A. Nutt. Extra strong 2¼-in. stock, $2.50 per 100; $22.50 per 1000.
Wellworth Farm Greenhouses, Downers Grove, Ill.

GERANIUMS—Continued.

Geranium R. C., 8 standard varieties, $1.50 per 100; 2½-in., $3.00.
W. E. Trimble Greenhouse Co., Princeton, Ill.

8000 Nutt geranium rooted cuttings, ready for shipment, $12.00 per 1000. Cash with order.
Peter Brown, Lancaster, Pa.

Extra strong Nutt, ready for 3 or 3½-in., $20.00 per 1000.
T. B. Stroup, New Philadelphia, O.

First-class rooted cuttings of S. A. Nutt geraniums at $10.00 per 1000. Cash with order.
C. F. Treichler, Sanborn, N. Y.

1000 2-in. S. A. Nutt geraniums, $25.00.
Jas. C. Murray, Box 592, Peoria, Ill.

Nutt Geranium rooted cuttings, $12.00 per 1000. Erie Floral Co., Erie, Pa.

Geraniums, 2¼-in., Nutt, Ricard and mixed, 2½c. Mosbæk Greenhouse Co., Onarga, Ill.

GLADIOLI.

Gladiolus, America, No. 1, $3.00 100, $25.00 1000; No. 2, $2.50 100, $20.00 1000. Alice Carey, best white in commerce, No. 1, $5.00 100, $40.00 1000; No. 2, $4.00 100, $30.00 1000. Baron J. Hulot, the best clear dark blue in existence; bulbs, not first size but good blooming bulbs, $1.25 doz., $9.00 100.
E. Y. Teas & Son, Centerville, Ind.

Gladiolus Pink Augusta (Pink Beauty). Great forcing early bloomer; color, pink; straight long spike, fine for sprays, decorations, $2.50 100, $20.00 1000; extra size, $2.75 100, $25.00 1000. Cash. Also Mrs. F. King, Augusta, Paul, Klondyke. Send for list.
Stevens Gladioli Co., Saginaw, W. S., Mich.

Gladioli. Fine bulbs of King, Independence, May, Klondyke, Alice Carey, Pres. Taft and the best mixtures. Prices cheap for cash.
G. B. Babcock, R. D. 80, Jamestown, N. Y.

Gladiolus bulbs for forcing, mixture and named varieties.
W. E. Kirchhoff Co., Pembroke, N. Y.

Gladioli, 1¼-in. and up. Augusta and May, $12.50 per 1000; America, $25.00 per 1000. Cash.
W. Frank & Sons, Portland, Ind.

Gladioli. See our display adv.
Mrs. A. H. Austin, Wayland, Ohio.

GREVILLEAS.

Grevilleas, 4 and 5-in., 20c.
Anderson Floral Co., Anderson, S. C.

HELIOTROPES.

Heliotrope rooted cuttings, 70c per 100; $6.00 per 1000; by mail, 10c per 100 extra; 2¼-in., $2.00 per 100, $18.00 per 1000. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Heliotropes, 2-in., strong plants ready to shift, $2.00 100; $18.00 1000.
C. L. Jenkins & Son, R. D. 2, Anacostia, D. C.

Heliotropes. Czar, Czarina, Jersey Beauty, etc., $2.50 per 100. Centifleur (giant), $3.50 per 100. Storrs & Harrison Co., Painesville, O.

Heliotrope rooted cuttings, 75c per 100, mailing 10c; 2¼-in., 2½c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

BUSINESS BRINGERS—
Review
Classified Advs.

Heliotropes, dark; good stock. Strong and well-rooted cuttings, 75c 100; $6.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Heliotrope rooted cuttings, 75c per 100 postpaid; 2¼-in. pots, 2c.
C. H. Jacobs, Westfield, Mass.

HYDRANGEAS.

	Per 100
Hydrangea Otaksa, 6-in., 3 to 6 crowns	$30.00
Hydrangea Otaksa, 5-in., 3 to 5 crowns	20.00
Hydrangea Otaksa, 4-in., 2 to 5 crowns	12.50
Hydrangea Thos. Hogg, 4-in., heavy plants	10.00

J. WILLIAM COLFLESH'S SONS,
53rd & Woodland Ave., Philadelphia, Pa.

HYDRANGEA ARBORESCENS GRANDIFLORA, selected for forcing; 2-yr., 1½ to 2 ft., $3.00 per doz., $20.00 per 100; 15 to 20 in., nursery grown, $1.50 per doz., $10.00 per 100; 8 to 12 in., $6.00 per 100, $50.00 per 1000. Price list free. E. Y. Teas & Son, Centerville, Ind.

Hydrangea Otaksa, pot-grown, extra strong, 5-in., 3 to 6 crowns, $20.00 100; 4-in., 1 to 3 crowns, $12.00 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Hydrangea Otaksa, pot-grown, 6-in., 5 to 10 shoots, $3.50 doz., $25.00 100; 5-in., 3 to 6 shoots, $2.00 doz., $15.00 100. Rooted cuttings, $1.50 100. G. E. Fink, Kenilworth, N. J.

Hydrangea Otaksa, fine pot-grown, 5-in. pots, 2 to 3 flower shoots, $20.00 per 100.
Storrs & Harrison Co., Painesville, O.

Hydrangea Otaksa, field-grown, 1 shoot, 6c; 2 shoots, 10c; 3 shoots, 15c.
Erie Floral Co., Erie, Pa.

Hydrangea Otaksa for Easter and Decoration day. See our display adv.
Jackson & Perkins Co., Newark, New York.

IMPATIENS.

I. Sultani, red, 2¼-in., 2¼c.
Hammerschmidt & Clark, Medina, O.

Impatiens Sultani. R. C., $1.00 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

IVIES.

GERMAN IVY.
Rooted cuttings, $5.00 per 1000.
Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses, Dayton, O.

German ivy. R. C., 50c per 100, mailing 10c; 2¼-in., 2½c.
English ivy, 2½-in., 4c; R. C., $1.00 100, $9.00 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

English ivy, 2-yr. field plants, 2½ to 4 ft. long, 2, 3 and 4 leads, extra fine, 10c each; 200 for $8.00. Cash.
Benj. Connell, Florist, Merchantville, N. J.

Ivies. German, R. C., 60c 100. Kenilworth, R. C., 60c 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

English ivy, strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.
Storrs & Harrison Co., Painesville, O.

English ivy (Hedera Helix). R. C., strong $2.00 per 100. Cash.
N. P. Colberg, Princeton, Ill.

LANTANAS.

Lantanas, 2-in., $2.00.
Mercer Floral Co., Bowling Green, O.

Lantanas, 8 fine varieties, $3.00 per 100.
Storrs & Harrison Co., Painesville, O.

LILY OF THE VALLEY.

Lily of the valley, Bruns' Early Forcing, $1.75 per 100; $15.00 per 1000. Chicago Market Brand, $2.00 per 100; $16.00 per 1000.
H. N. Bruns, 3038 W. Madison St., Chicago.

LOBELIAS.

Lobelia Kathleen Mallard, the new double. I have 50,000 extra large and well rooted cuttings, transplanted into soil, and if you want good, clean, healthy stocks for spring trade, order now. Well packed to stand any weather; satisfaction guaranteed. 65c per 100, by mail; $4.50 per 1000, by express.
S. A. Pinkstone, York & Hickory, Utica, N. Y.

Lobelia Kathleen Mallard, R. C., 50c per 100.
M. E. Wyatt, Watseka, Ill.

LUPINES.

Lupines from 2-in. pots, well established; $2.00 per 100.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

MOONVINES.

Moonflowers. Buy now to propagate from. $3.00 per 100.
Storrs & Harrison Co., Painesville, O.

NURSERY STOCK.

APPLE SEEDLINGS.
Grown from French crab seed on new land, free from aphis and knot. No. 1 straight roots, 3/16-in. and up, $4.50; No. 1, branched, $4.00; No. 3, less than 2/16-in., for lining out, $1.25 per 1000 f. o. b.
Fairbury Nurseries, Fairbury, Neb.

HIGH-CLASS SHRUBS.
1500 golden willow, 1-yr., 3 to 4 ft., low branched, $8.00. They are worth the money. Send for additional lists and catalogue.
HENRY LAKE SONS CO.,
Nurserymen, Black River Falls, Wis.

My catalogue for 1911 of native trees, shrubs, bulbs and plants is now ready to mail.
L. E. Williams, Exeter, N. H.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS.
ELLWANGER & BARRY, ROCHESTER, N. Y.

PALMS, ETC.

Pandanus utilus, 3-in., $10.00 per 100; 4-in., $20.00 per 100.
Cocos Weddeliana, 2½-in., $10.00 per 100.
Kentia Belmoreana and Forsteriana, made-up and single plants, all sizes. Special value in made-up Forsteriana, 4 plants in 8-in. tubs, 40 to 44 in. high, $4.00 each., 8-in. tubs, 44 to 48 in. high, very husky, $5.00 each.
Storrs & Harrison Co., Painesville, O.

PALM SALE.
We have some 1000 palms, from 4-in. up to 8-in. pots, of Kentia (both varieties), Latania borbonica, Phoenix (two varieties), which we want to close out at once. Will make a close cash price to any one that is able to handle the lot, or will sell in dozen lots. Send for list.
Chillicothe Floral Co., Chillicothe, O.

Phoenix Roebelenii, 6-in. pots, 1 to 2 ft. high, $1.00 each; 7-in., $2.00 each.
Areca lutescens, 3½ to 4½ ft. high, bushy, 4 to 5 plants to a pot, $2.25 each.
B. M. Wickers & Co., Gretna, La.

Kentia Belmoreana from 2¼-in. pots, 3 leaves, $6.00 per 100; $55.00 per 1000. Cash or satisfactory references with order.
B. Soltau Fernery,
199 Grant Ave., Jersey City, N. J.

Pandanus Veitchii, 3-in. pots, $10.00 per 100; 4-in., $20.00 per 100; bench-grown, 10 in. high, $10.00 per 100; 15 in. high, $15.00 per 100.
J. J. Soar, Little River, Florida.

Pandanus Veitchii, bench-grown plants, 10 in. high, $10.00 per 100; suckers, $4.00 per 100.
F. M. Soar, Little River, Fla.

Kentias, latanias, chamaerops, 3-in. Prices on application. Geo. Just, Jacksonville, Fla.

Kentias. Big stock. Write for prices.
Holton & Hunkel Co., Milwaukee, Wis.

PANSIES.

Pansy Park Perfection is the best strain of giant show and fancy pansies, largest in size and of the greatest variety of rich and rare colors, the reds and bronzes in large proportion. The growing of pansy seeds and plants a specialty for nearly 40 years. Samples of many reports: "Pansy plants arrived in best possible condition. They have the finest roots I have ever seen. I am well pleased." Fred Reichert, San Antonio, Texas. If you want more proof read the many testimonials in my Review advs. during the past 2 months. Over 75 varieties mixed. An immense stock of fine field-grown plants from seed sown thinly, broadcast, so that each plant has plenty of room to grow stocky and strong, with extra good roots, 1000, $3.00; 500, $1.75; 5,000, $14.00; 10.000, $27.00. Special attention to southern orders and delivery in good condition guaranteed. Cash with order.
L. W. Goodell, Pansy Park, Dwight, Mass.

HOME OF PANSIES.
Our strain of pansies is unsurpased. We have scores of testimonials. Here is what a few of my customers say—Audubon Park Association, New Orleans, La., writes: "Pansies received in good order. Thanks." J. M. Breckenridge, Savannah, Ga., sends us an order and says: "I bought plants from you last year and found them very satisfactory." The Pansy Floral Co., De Land, Fla., sends us an order and says: "Plants we got from you last year were fine." Industrial School and Gardens, Mobile, Ala., says: "The pansies you sent were in good shape when received and are doing nicely." They sent us another order. We have a large stock of Our Own Specials, Masterpiece, Perret, Trimardeau, black, yellow, blood red, etc., all kinds mixed, $2.50 per 1000· 5000 for $10.00.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Think of the strain of pansies containing light, dark, lavender, violet, blue, bronze, royal purple, red, cerise, salmon, mahogany, yellow and red and gold shades, a dozen or more varieties in each shade, of immense size with great form and substance. They are MASTODON PANSIES. It has cost us hundreds of dollars and eighteen years' time to upbuild this strain and it is worth all it cost. We guarantee perfect order delivery everywhere and we guarantee satisfaction. Plants, 50c 100; $3.00 1000; $12.50 5000, prepaid.
Steele's Mastodon Pansy Gardens, Portland, Ore.

Pansy plants, small plants, giant flowering, $2.50 per 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Pansy plants grown from the finest giant mixtures, $3.00 per 1000. Cash with order.
Hayman Greenhouse Co., Clarksburg, W. Va.

Pansy plants, grown from the finest giant mixtures, $3.00 per 1000. Cash. No order less than 500. John Lappe, Maspeth, L. I., N. Y.

Pansies, strong transplanted, for flowering in greenhouse, best sorts, $2.00 per 100.
F. A. Baller, Bloomington, Ill.

PELARGONIUMS.

Pelargoniums, the old-fashioned dwarf everblooming pansy geranium, the one you can recommend to your customers as a free bloomer, 2-in., $3.00 per 100; 2½-in., $4.00 per 100. Good stock. Green's Greenhouses, Fremont, Neb.

Pelargoniums, assorted varieties, 2-in., ready for shift, $3.00 per 100.
Williams & Clark Floral Co., Muncie, Ind.

PEONIES.

Peonies in any quantity. Write for prices on list of your wants.
Gilbert H. Wild, Sarcoxie, Mo.

Peonies only, by the wholesale. Best 100 varieties. J. F. Rosenfield, West Point, Neb.

PETUNIAS.

Dreer's double petunias, selected large flowering doubles, finely fringed, mixed colors. Rooted cuttings, $1.00 100, $9.00 1000; 2-in., $2.00 100. Cash. J. P. Cannata, Mt. Freedom, N. J.

Dreer's double petunias, 6 choicest colors and varieties; just what you need for propagating, 3-in., 5c. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Petunias, double fringed. Strong rooted cuttings, $1.00 100; $9.00 per 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

2000 D. petunias; $2.00 per 100.
Mercer Floral Co., Bowling Green, O.

Petunias, double red, pink, variegated, 2¼-in., 3½c. Hammerschmidt & Clark, Medina, O.

POINSETTIAS.

Poinsettia cut blooms, $1.50 to $2.50 per doz. Order at once.
F. S. Smith, 330 W. 38th St., Indianapolis, Ind.

PRIMULAS.

Chinese primroses, finest fringed, mixed colors, 3-in., $4.00; 2-in., $2.00. Kewensis, 3-in., $3.00. Extra good plants. Cash. M. S. Etter, successor to John F. Rupp, Shiremanstown, Pa., The Home of Primroses.

Primulas, Chinese. 3-in., ready for a shift, all colors, $5.00 per 100; 4-in., all red, in bud and bloom, 10c each. Kewensis, in flower, 3-in., 5c each. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Primula obconica gigantea and fimbriata, 3-in. pots, mostly in bud and bloom, only 1000 left, $3.50 per 100. Cash, please. American express.
Geo. A. Halladay, Bellows Falls, Vt.

Chinese primulas, 3-in., ready to shift, 5c. Primula kermesina, 3-in., ready to shift, 5c. Obconica, mixed, 2-in., 1½c.
U. G. Hargierode, Shippensburg, Pa.

Primula obconica, best large flowering strain. Strong, 2½-in. pot plants, $3.00 per 100; $25.00 per 1000. Cash with order. 500 at 1000 rate.
Frank Oechslin, 4911 W. Quincy St., Chicago.

P. obconica grandiflora, alba, rosea, lilac, hybrida, rubra, compacta, Forbesi, 2c; sanguinea, carmine, gigantea, 2½c. All 2-in. pots. Cash.
Byer Bros., Chambersburg, Pa.

Primula obconica, strong plants. Gigantea, rosea and kermesina; grandiflora, rosea kermesina and alba, 2-in., 2½c; 3-in., 6c. Kewensis, 2-in., 2½c. Cossairt & Sons, Shelbyville, Ind.

Primula obconica, strong 3-in., 5c. Chinese, fine 4-in., 7c.
R. B. Kilbury, R. R. 1, Dayton, O.

Primula obconica gigantea, mixed colors. Strong 4-in., $7.00 per 100; 50 extra heavy 6-in., 25c each. H. B. Snow, Camden, N. Y.

Primulas, Chinese and obconica, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Primula obconica, 2¼-in., $2.75 per 100. All sold out of Chinese primroses. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Chinese primroses, mixed, 3-in., ready to shift, $4.00 per 100; $35.00 per 1000. Cash.
I. N. Kramer & Son, Cedar Rapids, Ia.

Primroses, mixed colors, 4-in., 12½c.
Flick Floral Co., Fort Wayne, Ind.

Primulas obconica, alba and rosea, $1.50 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Primroses. See my display adv. before you buy.
J. W. Miller, Shiremanstown, Pa.

Primula obconica, 4-in., 10c; 5-in., 20c.
Mosbæk Greenhouse Co., Onarga, Ill.

PRIVET.

CALIFORNIA PRIVET.

1-yr.,	2 to 3 ft., 3 to 6 branches....	$12.00 1000
2-yr.,	18 to 24 in., 5 to 8 branches....	12.50 1000
2-yr.,	2 to 3 ft., 5 to 8 branches....	15.00 1000
2-yr.,	3 to 4 ft., 5 to 8 branches....	20.00 1000

AMOOR RIVER PRIVET.

2 to 3 ft.,	well branched.....	$25.00 1000
3 to 4 ft.,	well branched.....	30.00 1000

Southside Nurseries, Chester, Va.

California privet, 18 to 24, 2-yr., $11.50 1000; 24 to 30, 2-yr., $16.00 1000. Amoor River (hardy), 18 to 24, 2-yr., $17.50; 24 to 30, 2-yr., $22.50 1000. Honeysuckle, Hall's, 2-yr., $4.00 100. F. O. B. Cash with order.
Valdesian Nurseries, Bostic, N. C.

200,000 2-yr. Cal. privet, all sizes, $1.50 per 100 and up. Large stock Ampelopsis Veitchii, Clematis paniculata, hydrangeas, etc. Get my list.
Benj. Connell, Florist, Merchantville, N. J.

CALIFORNIA—Any quantity, size, age. Not any better grown. Write for prices on it. Fruit and ornamental trees, shrubbery, etc.
Franklin Davis Nursery Co., Baltimore, Md.

California privet. A splendid lot of fine well graded 2-yr. stock. For particulars see our display adv. Chas. Black, Highstown, N. J.

RESURRECTION PLANTS.

Resurrection plants, 12-in. diameter open, $4.00 100 postpaid.
J. A. McDowell, Ap. 167, Mexico City, Mex.

Resurrection plants, cheap.
Wm. Tell, Austin, Texas.

ROOTED CUTTINGS.

ROOTED CUTTINGS.

Ivory geraniums, assorted finest varieties, $1.50 per 100. Tradescantia discolor, 75c per 100. Coleus, a fine collection of the best sellers, including Verschaffeltii and Golden Bedder German ivy, 60c per 100. Cuphea (cigar plant), 70c per 100. Alyssum, double giant, 75c per 100. Heliotrope, blue, 75c per 100. Swainsona alba, white, $1.00 per 100. Salvias, Zurich and splendens, 90c per 100. Vinca variegata, 90c per 100. English ivy, $1.00 per 100. Santolinas, 90c per 100. Ageratum Stella Gurney, 75c per 100. Pyrethrums, double dwarf, 90c per 100. Alternantheras, Sept. propagated, red and yellow, 70c per 100. Russellas, 80c per 100.
John Irvine & Sons, Bay City, Mich.

Paris daisy, giant yellow and giant white, Gem feverfew, heliotropes, genistas, abutilons, fuchsias, 6 kinds, $1.00 per 100. Cupheas, 75c per 100. Ageratum, 4 kinds, 60c per 100. Alternantheras, 4 kinds, 50c per 100. Moonvines, $1.50 per 100. Rose geraniums, $1.25 per 100. Cash with order.
Byer Bros., Chambersburg, Pa.

ROSES.

ROSES—Send for complete list.

American Pillar, 3-yr.	$35.00 100
American Pillar, 2-yr.	25.00 100
Dorothy Perkins	12.00 100
Lady Gay, 4 to 5 ft.	16.00 100

Conard & Jones Co., West Grove, Pa.

ROSES.

Bride, 3½-in.	$6.00 per 100
Killarney, 3½-in.	10.00 per 100

Cash with order.
Rosemont Gardens, Montgomery, Ala.

Delight rambler rose. Strong 3-yr. plants for Easter and spring forcing, $25.00 per 100. Cash with order from unknown parties.
H. C. Steinhoff, West Hoboken, N. J.

American Beauties. A No. 1 early cuttings, $30.00 per 1000; 1000 selected bench plants, 2½-yr., $40.00. L. A. Coles, Kokomo, Ind.

Roses for forcing. See our display adv.
Jackson & Perkins Co., Newark, New York.

225 best varieties—old, new, tried, true.
Leedle Co., Expert Rose Growers, Springfield, O.

ROSEMARY.

Rosemary R. C., $1.50 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

RUBBERS.

Rubbers, fine 5-in. stock, 35c each.
Holton & Hunkel Co., Milwaukee, Wis.

SALVIAS.

Salvia Zurich, dwarf, absolutely true to name; rooted cuttings, $1.00 100, $8.00 1000. Salvia Bonfire, 80c 100; $7.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Salvias, splendens, Bonfire, R. C. or transpl., 90c per 100, mail 10c per 100; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Salvia Bonfire. R. C., $6.00 1000. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

1000 salvias. Splendens and Bonfire, 2-in., 2.00.
Mercer Floral Co., Bowling Green, O.

SEEDS.

CROP 1911

FLORISTS' SEEDS.

ASPARAGUS PLUMOSUS NANUS,
Genuine eastern greenhouse grown
$4.00 per 1000; $18.75 per 5000 seeds.

SHAMROCK, GENUINE IRISH,
25c trade packet; 75c oz.

SALVIA SPLENDENS BONFIRE,
25c ½ tr. pkt.; 40c tr. pkt.; $2.25 oz.

STOCKS, MICHELL'S FLOWER MARKET,
In colors or mixed,
30c ½ tr. pkt.; 50c tr. pkt.; $3.50 oz.

VERBENAS, MAMMOTH FANCY,
In colors,
30c trade packet; $1.25 oz.
Mixed, $1.00 oz.

HENRY F. MICHELL CO.,
518 Market St., Philadelphia, Pa.

OUR OWN GROWN.
ASPARAGUS PLUMOSUS NANUS SEED.
Guaranteed true to name.
Ready for delivery now.
NEW CROP.

Lots of	5,000.....	$2.25 per 1000
Lots of	10,000.....	2.00 per 1000
Lots of	20,000.....	1.75 per 1000
Lots of	50,000.....	1.50 per 1000

Single thousands, $2.50
LOS ANGELES FLOWER MARKET,
414½ South Broadway,
Los Angeles, California.

Seed packets and bags. Catalogue, clasp and commercial envelopes, printed or plain. "If it's a Spangler bag it's a good one." Estimates furnished.
E. J. Spangler Co., N. Howard St., Phila., Pa.

FLORIDA GROWN.
ASPARAGUS PLUMOSUS NANUS SEED
FROM NEXT CROP.
Any quantities. Write for prices.
PETER MACK, ORLANDO, FLA.

Clematis paniculata, Ampelopsis Veitchii, Berberis Thunbergii and 20 other varieties of fresh seed. List of seeds and plants free.
Benjamin Connell, Florist, Merchantville, N. J.

The CHEAPEST, the EASIEST, and the BEST WAY to get rid of your surplus stock is to use the REVIEW'S classified advs.

Asparagus plumosus seed, $2.50 1000; A. Sprengeri, 75c 1000. All from my own plants.
C. H. Gardiner, South Pasadena, Calif.

My catalogue of native tree, shrub and plant seeds now ready. Sent to anyone on application. L. E. Williams, Exeter, N. H.

SMILAX.

SMILAX.

500 smilax, 3-in. pots, strong, sturdy plants, twice cut back, $2.00 per 100.
Maurice J. Brinton, Christiana, Pa.

Smilax, fine plants, cut back, 2¼-in., $2.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Smilax, fine plants, cut back several times, bushy, out of 2½-in., $1.50 per 100; $12.50 per 1000. J. C. Schmidt, Bristol, Pa.

Smilax. 900 strong 2¼-in. at $2.00 per 100 or the lot $16.00. Cash.
Tong & Weeks Floral Co., Ashtabula, O.

Smilax, well established, 2-in. pots, $1.50 100.
E Rawlings, Wholesale Grower, OLEAN, N. Y.

Strong 3-in. smilax, to close out, $2.50 per 100.
L. A. Spoden, Erie, Pa.

Smilax. Good, strong, bushy 2-in. plants, $2.00 per 100. Addems, Morgan & Co., Paxton, Ill.

SNAPDRAGONS.

Snapdragon, florists' giant white, pink, yellow, orange, red, bronze. Strong R. C., $1.00 per 100, $9.00 per 1000; mail 10c per 100; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Snapdragons, giant white, red, pink and yellow, 2-in., $2.00; $18.00 per 1000. Cash.
Byer Bros., Chambersburg, Pa.

Snapdragons, large flowering, 3-in. stock, $4.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Snapdragons, giant flowering, white, pink, red and yellow. Fine 2½-in. plants, $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

Snapdragons, frame grown. Firefly, yellow, 2-in., 2c. J. L. Schiller, Toledo, Ohio.

SPIRAEAS.

Forcing spiraea clumps, extra quality. Floribunda, $5.00 per 100; $45.00 per 1000. Gladstone, $10.00 per 100; $90.00 per 1000. Superba, $6.00 per 100. Queen Alexander, $12.00 per 100. Blondine, $6.00 per 100. Japonica, $4.00 per 100. No better proposition for Easter or Memorial day.
The Storrs & Harrison Co., Painesville, O.

STOCKS.

Stocks. Winter flowering Nice, Almond Blossom, flesh color, light blue, white; frame-grown, 2-in., 2½c. J. L. Schiller, Toledo, Ohio.

SWAINSONAS.

Swainsona alba R. C., $1.00 per 100; 2½-in., 3c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Swainsona alba, 3-in., $5.00 per 100; $45.00 per 1000. Hammond Co., Inc., Richmond, Va.

SWEET PEAS.

Winter flowering sweet peas. Now is the time to plant them. Order quick. WHITE—Denzer, Mont Blanc. PINK—Christmas Pink, Earliest of All, Mrs. Dolansky, Mrs. Wm. Sim, Mrs. Wild. LAVENDER—Wallace. Well established in 2½-in. pots.
W. H. Sawvel Floral Co., Kansas City, Mo.

Sweet peas. Florence Denzer, Watchung, Mrs. F. J. Dolansky, Pink Watchung, Mrs. C. H. Totty, Miss Josey Reilly, Greenbrook, Mrs. Alex. Wallace, winter-flowering; several plants to the pot, $3.00 per 100 pots. Cash, please.
R. E. Wadsworth & Co., Northboro, Mass.

Sweet peas, Christmas Pink, Mrs. C. H. Totty, Mrs. F. Dolansky, Snowdrift, 4-in., 3 to 5 to the pot, $5.00 per 100 pots.
Baur Floral Co., Erie, Pa.

Sweet peas, 3-in. pots, several to a pot, 6 varieties, $3.00 per 100 pots.
John Irvine & Sons Co., Bay City, Mich.

TRADESCANTIAS.

TRADESCANTIAS. 10,000 Wandering Jew R. C., tricolor and green, 60c per 100, $5.00 per 1000; 2½-in., 2c. Cash. Mailing, 10c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

UMBRELLA PLANTS.

Umbrella plants, 3-in., $1.00 per doz. Cash, please. John Bauscher, Jr., Freeport, Ill.

VEGETABLE PLANTS.

50,000 transplanted Grand Rapids lettuce plants, fine, $2.50 per 1000.
Sourdry Bros., Girard, Kan.

Lorillard and Comet tomato seedlings, $2.00 1000. Cash.
Riverview Greenhouses, Lewisburg, Pa.

RHUBARB. Extra large clumps for forcing, 20c each.
Sluis Seed Store, 544 W. 63rd St., Chicago.

Parsley Double Curled, 30c per 100; $1.25 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Lettuce plants, $1.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Comet and Lorillard forcing tomatoes, 2½-in., $2.00 100. Roney Bros., West Grove, Pa.

VERBENAS.

Lemon verbena R. C., $1.50 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

Lemon verbena rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

Lemon verbena rooted cuttings, $1.00 per 100, prepaid. G. E. Fink, Kenilworth, N. J.

VINCAS.

18,000 Vinca variegata. Strong potted plants, 6-in., $6.00 per 100; 3-in., $5.00 per 100; 2-in., $2.00 per 100; $18.00 per 1000—extra strong 2-in. Cash. Wingert & Ulery, Springfield, O.

Vinca variegata, good sized 4-in., can yet be divided, 8c; 3-in., good ones, ready for 4-in., 5c.
Cherry Park Gardens, Fredonia, N. Y.

Vinca variegata. Strong R. C., $1.00 per 100, $9.00 per 1000; 2¼-in., 2c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Vinca variegata, extra large field-grown plants, $3.50 per 100; worth $5.00.
Jas. A. Franks, Grand Haven, Mich.

Vinca variegata. Extra strong field-grown plants, $4.00 per 100. Cash.
H. P. Smith, Piqua, O.

Vinca variegata. Strong field clumps, $5.00 per 100; good medium size, $4.00. Cash with order.
M. M. Lathrop, Cortland, N. Y.

VINCAS—Continued.

Vinca variegata, fine large field-grown clumps, $5.00 per 100.
Stuhldreher Bros., Mansfield, Ohio.

Vinca variegata, strong 4-in. plants, $10.00 per 100; $80.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Vinca var., 2-in., now ready, $2.00 100. Cash.
W. H. Rosenbauer, R. 3, Sewickley, Pa.

Vinca variegated, 2¼-in., 2½c.
Mosbæk Greenhouse Co., Onarga, Ill.

Vinca variegata, strong R. C., 75c per 100. Cash.
Jas. Culbert, Rossville, Ill.

Vinca variegata R. C., $1.00 100 prepaid.
Chas. Frost, Kenilworth, N. J.

VIOLETS.

Marie Louise violet blooms now ready, A No. 1 quality. For month of November, $1.00 per 100; $7.50 per 1000. Cash with order, please.
C. Lawritzen, Box 261, Rhinebeck, N. Y.

Violets, hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000.
Storrs & Harrison Co., Painesville, O.

WANTED.

Wanted—Chrysanthemum stock plants of pompons. State your varieties and price.
Hugo Kind, Hammonton, N. J.

MISCELLANEOUS.

Chrysanthemum stock plants, 35c per doz.; $2.00 per 100. Orders booked for chrysanthemum rooted cuttings, $1.00 per 100. Ageratums, sweet alyssum (double giant), coleus, cuphea, marguerite daisies (white), heliotropes, German ivy, salvias, snapdragons, stevias, 50c per 100. Fuchsias, assorted vars., $1.00 per 100. Carnation rooted cuttings, $1.75 per 100. Dracaenas, strong 4-in., $10.00 per 100.
Martin Keit, Sta. A., Bay City, Mich.

NOTICE—Our latest price list of potted plants and rooted cuttings is in the mails; if you do not receive one drop us a postal.
John Irvine & Sons, Bay City, Mich.

TO EXCHANGE.

To Exchange—Chrysanthemum stock plants, Yellow Bonnaffon, Jeanne Nonin, $3.00 per 100, for rooted geranium cuttings or unrooted carnations, must be true to name; also 1 No. 6 Rider engine, will pump 1,000 gal. of water per hour, $75.00 and 1 No. 5 Weathered boiler, rated at 1,000 ft., $60.00; 4-in. pipe; all in good condition.
Alex A. Laub, New Hamburgh, N. Y.

To Exchange—Chrysanthemum stock plants, Oct. Frost, Monrovia, Roosevelt, Major Bonnaffon, Enguehard, C. Touset, $3.00 per 100, for carnation rooted cuttings, White, Rose-pink and Pink Enchantress and White Perfection.
J. H. Milnor & Son, Ada, O.

To Exchange—Rooted or unrooted carnation cuttings, only clean stock, Melody, Winsor, Perfection, Enchantress and Victory for rooted or unrooted White Enchantress, the pure white western strain only.
Anton J. Pauly, Attica, N. Y.

The FLORISTS' MANUAL, by Wm. Scott. It tells you just what you want to know in just the way you want to be told. Price, $5.00. Prepaid.
Florists' Pub. Co., Caxton Bldg., Chicago.

To Exchange—Ficus elastica, Piersoni and Whitmani ferns, fine stock, for early struck carnation cuttings, best varieties.
Herms Floral Co., Portsmouth, O.

To Exchange—Chrysanthemum stock plants and 4-in. dracaenas for peonies, gladiolus or alternantheras.
Martin Keit, Sta. A., Bay City, Mich.

To Exchange—400 A. plumosus, strong 2¼-in., $3.00 per 100, for geraniums, rooted cuttings or 2-in.
Frank C. Seibert, Wheeling, W. Va.

To Exchange—Strong 2½-in. smilax for chrysanthemum rooted cuttings or stock plants.
Marine City Floral House, Marine City, Mich.

CARNATION STAPLES.

Pillsbury's carnation staples, 50c per 1000. Postpaid.
I. L. Pillsbury, Galesburg, Ill.

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All sizes of cut flower and floral design boxes. Write for our box catalogues.
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FANCY LONG TAILS
FANTAILS
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A post card will bring it.
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Chas. Pommert, Prop., Amelia, O.

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Standard Flower Pots. If your greenhouses are within 50 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts. N. E., Washington, D. C.

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Raffia. Red Star and 3 other grades. Bale lots or less. Colored raffia, 20 colors. Write for prices.
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SPHAGNUM MOSS. Single 10 bbl. bales, $4.00; in lots of 5 bales, $3.75 each.
S. S. PENNOCK-MEEHAN CO.,
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Sphagnum moss, clean stock; 12 bbl. bale, $3.50. Green moss, in bbls., $1.00 per bbl.
James Day, Milford, New Hampshire.

TOBACCO.

Tobacco dust for dusting, 100 lb. sack, $1.75; 200 lbs., $3.00. G. H. Hunkel, Milwaukee, Wis.

Fresh tobacco stems, 65c per 100; $12.00 per ton. F. O. B. N. D. Mills, Middletown, N. Y.

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Florists' wire designs and hanging baskets.
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Illustrated book, 250 designs free.
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Wm. H. Woerner, 520 N. 16th St., Omaha, Neb.

BOSTON NOTES.

[Continued from page 20.]

day trade. There was a choice lot of the yellow insignes, including Laura Kimball, Sanderæ (of these there were thirty-six plants in flower), Wm. Millie Dow and Brightness, also Leeanum magnificum, and other good sorts. Paper Whites, Romans, yellow trumpet narcissi and other bulbs were flowering in quantity, and some specially fine valley. In the carnation houses all varieties were looking well. More refreshments were served here and short, appreciative address made by President Miller and William J. Kennedy, after which the special was boarded for Boston, all voting the outing a highly pleasurable one in spite of damp conditions.

Various Notes.

Adolph E. E. Koch is selling the flowers grown by the Shepard's Garden Carnation Co. at the Boston Coöperative Market. Their specialties are carnations and valley. Of the former, Dorothy Gordon, Pink Delight, Beacon, Granite State, Enchantress and White Perfection are grown.

The Sutermeister Estate is marketing excellent double Von Sion narcissi, both cut and in pans, and quantities of Roman hyacinths.

J. W. Simpson, of Woburn, and O. Harrigan, of East Foxboro, are leaders in yellow marguerites and calendulas, and J. M. Cohen finds a quick sale for them.

A. F. Scott, of the Willow Hill Greenhouses, through Thomas Pegler, is disposing of quantities of Golden West mums and will have these for Christmas, also excellent marguerites and Bouvardia Humboldtii.

The grandest Richmond roses seen this season in Boston are from McAlpine's, Exeter, N. H. Many have 48-inch stems and some as much as 72-inch. Their pink and white Killarneys and Mrs. Wards are also splendid.

A. N. Eaton, of South Sudbury, has excellent flowers of Enchantress, White Perfection, Queen and Winsor carnations.

J. Leach & Son, of North Easton, certainly can grow valley and their carnations are now good, the new Pink Supreme holding up well.

Mann Bros., of Randolph, last week had their first cut of the pretty pale blue iris, alata. This variety comes from Sicily. They also have Golden Spur and Trumpet Major narcissi, freesias and Tulip alba maxima, the latter fine in color. Skimmia Japonica and hollies are beautifully berried.

Visitors last week included Charles Loechner, New York; R. Muller, Rutherford, N. J., and J. R. Fotheringham, Tarrytown, N. Y.

A. E. E. Koch, of Nobscot, has a nice cut of pink snapdragons, and among carnations has the old Splendor still in fine shape.

A. A. Pembroke picked 40,000 sweet peas last week. William Sim is also a heavy consignor of these, getting an average of 8,000 daily.

J. Newman & Son, on Tremont street, have their windows attractively arranged with ardisias, poinsettias and other bright flowers. Their December business so far has been of large volume.

The new salesroom of the Flower Growers' Sales Co. is light and commodious. The basement will be utilized for the sundries department, in which quite a trade is being developed.

H. L. Cameron, of North Cambridge, has a splendid lot of Nephrolepis Bostoniensis and cyclamen.

Galvin, on Tremont street, had an attractive window December 16, of Ardisia crenulata beautifully berried. A large vase of white antirrhinums in the center showed up the scarlet to good effect.

H. W. Vose, of Hyde Park, was first in the market with Campernelle jonquils. He also has freesia and French bulbs in quantity.

The finest late yellow mums seen are the Bonnaffons coming in from Edgar Bros., of Waverly.

White Wonder, Gloriosa, Mrs. C. W. Ward and Pink Delight carnations from Frank P. Putnam, of Lowell, are fine.

The W. W. Edgar Co. reports that it looks now as if they will not have a flowering plant left at Christmas, so fast are orders pouring in. Some lines are completely cleaned out.

Welch Bros. are busy and never had such a call for Christmas greenery. They are well equipped for handling a tremendous Christmas trade.

W. N. Craig.

Monticello, Ia.—Increasing business makes it necessary for C. L. Van Meter to enlarge his establishment and he is now at work getting 5,000 more square feet under glass and will put in a new boiler to heat the additional space.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS

PITTSBURGH.

The Market.

After one solid week of rain and the most miserable kind of growing weather of which it is possible to conceive, you cannot expect to get a pleasant report from the growers. In fact, the last four weeks have been everything but what was wanted to produce a big Christmas crop, but, just the same, there will be plenty.

The retailers have had a pretty good week. The kermess, a dance which lasted for several days and which was conducted by the social set, for charity, made a large demand for the better class of flowers. This, with Christmas preparations, kept everybody busy. The green goods people were all on the move and the usual lot of Christmas trees are in the market, with greens of all kinds. Some good holly, with some that is not so good, is to be seen.

The wholesalers are having quite a busy time. Flowers are moving well, with the exception of lilies, of which there have been a few too many. Some fine Yellow Trumpet narcissi are to be seen; also Proserpine tulips with stems about six inches long. Florists' supplies, however, are the most active and the houses handling these goods are certainly moving.

Various Notes.

All of the stores are beautiful. The A. W. Smith Co. has a specially beautiful arrangement. The ceiling is draped with greens mingled with electric lights, which change in color, becoming white, red and light green at regular intervals. The store is decorated with large poinsettia plants over the balconies and a general variety of begonias and other plants.

Randolph & McClements' store seems to contain everything imaginable in the way of plants in baskets, as they make a special feature of plants for the holidays, believing they can make them take the place of cut flowers to some extent, but they are compelled to admit that the usual quantity of cut flowers is called for just the same. This firm has charge of a number of large decorations, which, in connection with Christmas work, is going to give them an exceedingly busy time.

The Zieger Co. has the usual decorations at both stores and reports bright prospects for Christmas, as trade for the last week has been in advance of that for any previous year.

Mrs. E. A. Williams has had a regular Christmas rush all the week and some of her combination plant baskets and other specialties are attractive enough to please the most exacting customers.

Ray Dashbach has made a number of improvements in his shop and reports a satisfactory amount of orders to date.

G. P. Weaklen & Co. are more than pleased with their prospects for the holidays. Orders are coming faster than they had any reason to expect.

The E. C. Ludwig Floral Co. handles trees and green goods in connection with their regular flower business, and Mr. Ludwig is about the busiest man in town.

Baur & Steinkamp, of Indianapolis, Ind., sent a bunch of their new carnation, St. Nicholas, to the last meeting of the Florists' Club, where it received a special certificate. Hoo-Hoo.

A. Dietsch Company
2640 Sheffield Ave., Chicago

Greenhouse Material
Hotbed Sash

For a tight, enduring and sweatless gutter at a moderate price, use our CEDAR GUTTER.

Carnation Calyx



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Send for these books. One is our free catalog; the other is a book on hot-beds and cold-frames by Professor Massey. It is authoritative and of vital interest to all growers, florists and gardeners. 4c in stamps will bring Professor Massey's book in addition to the catalog.



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COAL
Anthracite, Bituminous, Coke and Gas Coal
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Greenhouse Heating.

AVERAGE QUANTITY OF COAL.

Will someone kindly give an approximate estimate of the amount of coal required to heat and run for a season, at a temperature of 55 degrees, two modern, curved-eave houses, each 22 x 62, with a modern hot water boiler and egg coal, in this northern Jersey climate. F. M.

The quantity of coal required under the conditions named would vary, of course, with the severity of the winter, as well as with the exposure of the houses and the care and skill used in firing, but under average conditions it should run from twelve to sixteen tons for the five winter months.

A CONNECTICUT GREENHOUSE.

I am building a greenhouse, 30 x 200, five and one-half feet high at the sides and fifteen feet to the ridge. There are two feet of glass in the sides and glass in the west end. The location is quite exposed. I want a temperature of 50 to 55 degrees. The house is built on a grade, with four feet of fall to the east, where the boiler will be located. I should like to ask how you would pipe this house for hot water? Do you think hot water would be better than steam? If you think steam would be preferable, will you please tell how you would pipe for steam?

R. B. V.

The first cost of installing the heating plant would be considerably less for steam than for hot water, but the fuel would cost from fifteen to twenty-five per cent more. Each method of heating has its merits.

To heat the house with hot water, the boiler should have a rating for about 2,400 square feet of radiating surface. The radiation required can be furnished by means of five 2½-inch flow pipes and ten 2-inch returns. Place a flow on each plate, another under the ridge, and the two remaining flows can be under the purlins. Each flow should feed a coil containing two return pipes.

If steam is to be used, put a 2½-inch flow on each wall, and with each of them feed a coil of five 1¼-inch returns.

HOW MUCH HARD COAL?

Under the best working conditions, how much hard coal should be required to heat with hot water, from November 1 to April 1, two greenhouses to a night temperature of 52 to 55 degrees, for bedding plants, in this part of New York state, where the temperature occasionally goes to 20 degrees below zero? The houses are eight feet apart. One is 17 x 108 and four feet to the eaves. It is boarded on one side and has sixteen inches of glass in the other side. There is glass in both ends down far enough to be in a line with the



It's Padlocked

nd arranged with hermetically sealed case, safe from hose or dampness. It is an instrument developed specially to meet greenhouse conditions. It cannot be tampered with and remains absolutely accurate and effective, no matter how damp your house may be. In all other respects, however, this

Standard Special Greenhouse Thermostat

is practically the same as Style I, advertised in last week's Review. It gives positive warning of approaching fire or frost, heat or cold. Anybody can put it up—only a screwdriver eeded. All necessary directions with each instrument. Order today. Ask for

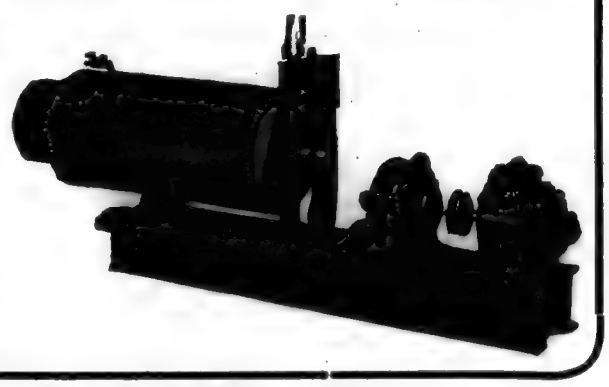
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are all satisfied with the results it has given, and many duplicate orders is the proof. **This Valve will maintain a steady pressure** on the low side, no matter how the initial pressure fluctuates. By carrying 40 or 50 pounds pressure on the boiler and setting the valve to carry 5 or 10 pounds on the line, you always have a reserve to fall back on in case of a sudden drop in temperature. **Our new catalogue is just out** and if you contemplate making any changes you had better get one—it is yours for the asking.

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"Spellerized" Wrought Pipe
Especially adapted for Greenhouse Work, Fittings, Valves, Tools, etc.
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7

glass in the side. The other house is 17 x 72 and eight and one-half feet to the ridge. The sides are three and one-half feet high and are boarded. There is glass in one end. While this may seem an unreasonable question to ask, yet I believe it is one that concerns every florist. Perhaps a symposium on the subject would be helpful.

A. B. R.

A good deal depends on the severity of the weather during a given winter, as well as on the construction and exposure of the houses, the perfection of the heating apparatus and the skill and attention of the fireman. However, to heat two houses, 17 x 108 and 17 x 72, to 55 degrees, under the conditions mentioned and with other circumstances about average in character, will require from twenty to twenty-five tons of hard coal for the five winter months.

BOILER AND PIPING.

I see a great variety of questions asked and answered in the columns of The Review and I am taking the liberty of asking one or two on my own account.

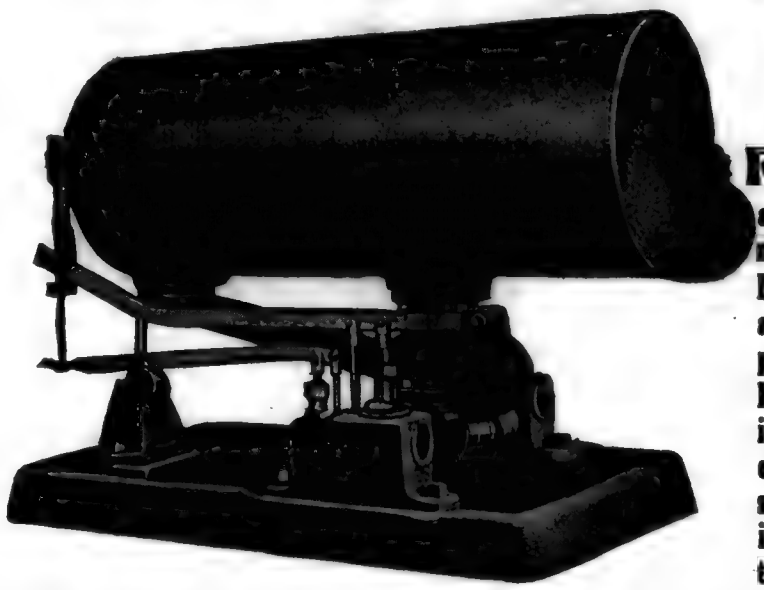
I am building a greenhouse, 22 x 86 and nine feet to the ridge. I have an Ideal heater, for either steam or hot water, with 2,000 feet capacity for hot water, or perhaps a little more. It has seven sections. How do you figure the heating capacity of boilers? I am placing the boiler four feet below the floor of the greenhouse. I have 3½-inch mains and 1¼-inch returns. How many returns are needed and how should they be placed to give the most efficient service for general greenhouse purposes? I wish to grow carnations, geraniums and roses and I want my present plant to suffice until the demand requires a larger one. I am putting the house two feet below the level of the ground and am building a 4-foot concrete wall, with two feet of glass under the eaves. The house runs north and south, with ventilators on the east side. The heating plant is at the north end. The house is not at present protected on the west. My location is western Illinois.

R. C. C.

The capacity of a boiler should be, to a considerable extent, proportionate to the size of its grate, although this would vary with the amount of grate surface. In practice, however, it is found that when a boiler has horizontal sections the grate may be smaller than when the sections are vertical. The form of the sections and the thickness of the water columns must also be considered. Some manufacturers rate their boilers at 200 feet of hot water radiation for one square foot of grate, while others count on less than 100 square feet. The Ideal heater runs about 200 square feet of hot water radiation and 100 square feet of steam for each square foot of grate surface.

For the house described, the heater should have a rating for 1,200 square feet of water radiation. If open tank hot water radiation is to be used, three 2½-inch flow pipes and fourteen 2-inch returns will be desirable, but either with combination steam or using a generator for hot water, three 2½-inch flow pipes and sixteen 1¼-inch returns will give about the same temperature, though with a little more expenditure for fuel.

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THE NEW "Detroit" RETURN TRAPS

are devoid of all unnecessary mechanism.

Every part designed, manufactured and assembled with the idea of permanence foremost.

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DETROIT, MICH.
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PATENTED UNIVERSAL ROCKER



The only mash finger Grate that can be opened wide and not become **clogged.**

With cinders on them 12 inches deep and with 3 inches of fire on top, we guarantee that you can grind out the bottom and settle the fire down to the grates practically unmolested.

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HENRY, ILL., U. S. A.

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Our sales to Florists for 1910 were 200% increase over 1909 and every customer satisfied.

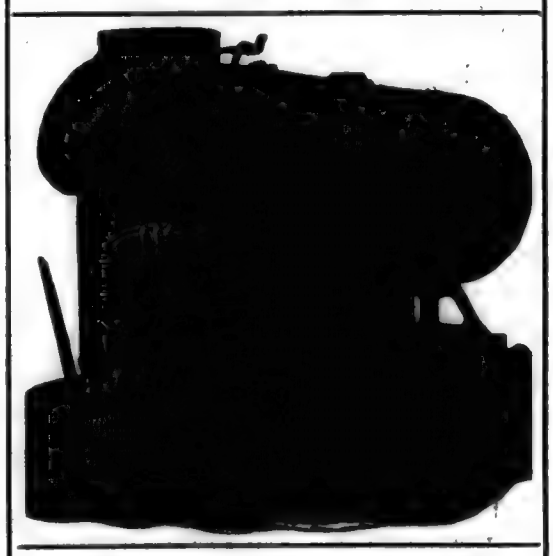
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The knives are always sharp.
Heads are drop steel forgings.
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and less water space than is contained in any other boiler. (Note the many flues set close together.) This is one reason why the users of the

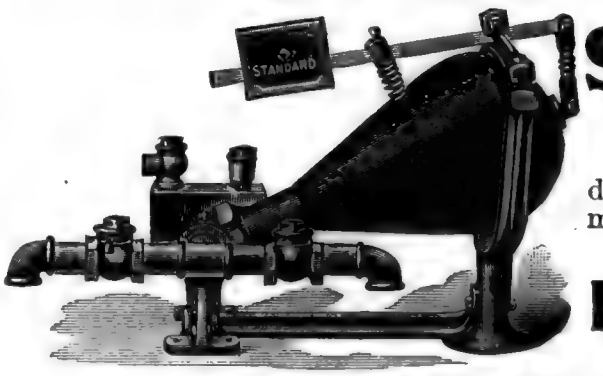
"Superior Standard" Greenhouse Boilers

find them perfectly satisfactory. We frequently receive re-orders from florists who have tested these boilers thoroughly and found them even "Superior" to our claims.

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DAYTON, O.

The Market.

Last week business was dull, the weather bad, and consequently the trade in all lines suffered. The entire week was just the kind that the florist dislikes to see just before Christmas, as it was rainy and cloudy every day. These conditions put everything back, crops are exceedingly short, and the quality of stock shows the effects of no sunshine, so beyond a doubt stock for Christmas, especially roses and carnations, will be quite scarce.

However, there are some fine poinsettias in the market, which will go to help the Christmas receipts along. Narcissi, in white and yellow, are also in good supply, likewise Romans, while violets and lily of the valley will also be in evidence, but not overabundant. Trade this season in all lines of business is not coming up to the records of former years; business men are all complaining.

Various Notes.

Retail florists were busy last week making up holly wreaths and other green goods.

The Miami Floral Co. is cutting some fine poinsettias for the Christmas trade.

Louis Schellhaas, of Miamisburg, O., was in town December 18. He reports that he finds business in Miamisburg about the same as elsewhere.

Mr. Mann, from the E. G. Hill Co., of Richmond, Ind., was in town last week introducing their new rose, Sunburst.

Mr. Schwake, of the Chas. F. Meyer Co., New York city, was one of our visitors last week. While in Dayton he visited with George Bartholomew, and Mr. Bartholomew says: "Mr. Schwake's account of his recent visit to the valley fields was most interesting."

Other visitors were F. J. Farney, of M. Rice & Co., Philadelphia, Pa., and G. L. Huscroft, of Wm. Hagemann & Co., New York city. R. A. L.

Whitehall, Ill.—S. Rimbey, proprietor of the Whitehall Greenhouses, has completed a deal for the purchase of the greenhouses at Waverly and will consolidate the two establishments, either at Waverly or here.

TO-BAK-INE KILLS BUGS

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E. H. HUNT

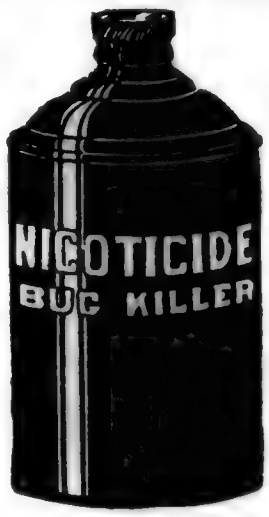
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Specially prepared for fumigating closed houses. It vaporizes the Nicotine evenly and without waste. Nothing keeps a house free from Aphis so cheaply. ALL SEEDSMEN.



THE BEST Bug Killer and Bloom Saver

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Sold Direct to the Grower.

Acme 30 Per Cent Nicotine Liquid,
Pint $1.10— Gallon $8.00

Acme 45 Per Cent Nicotine Liquid,
Pint $1.75—Gallon $12.50.

Acme Nicotine Fumigating Paper,
Each sheet 17½ inches long.
Packed in air tight cans.
24 Sheets 60 Cents. 288 Sheets $5.50.
1728 Sheets $31.50.

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The Insecticide that kills plant Lice of every species

Destroys green, black, white fly, thrips, red spider, mealy bug, scale and all plant sucking insects. An excellent cleanser for decorative stock.

$2 50 per gallon—$1.00 per quart.
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Has no equal for destroying mildew, rust and other plant fungi.

Fungine will cure bench rot, and is proving an excellent remedy for the protection of cuttings and young stock against the various blights.

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The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

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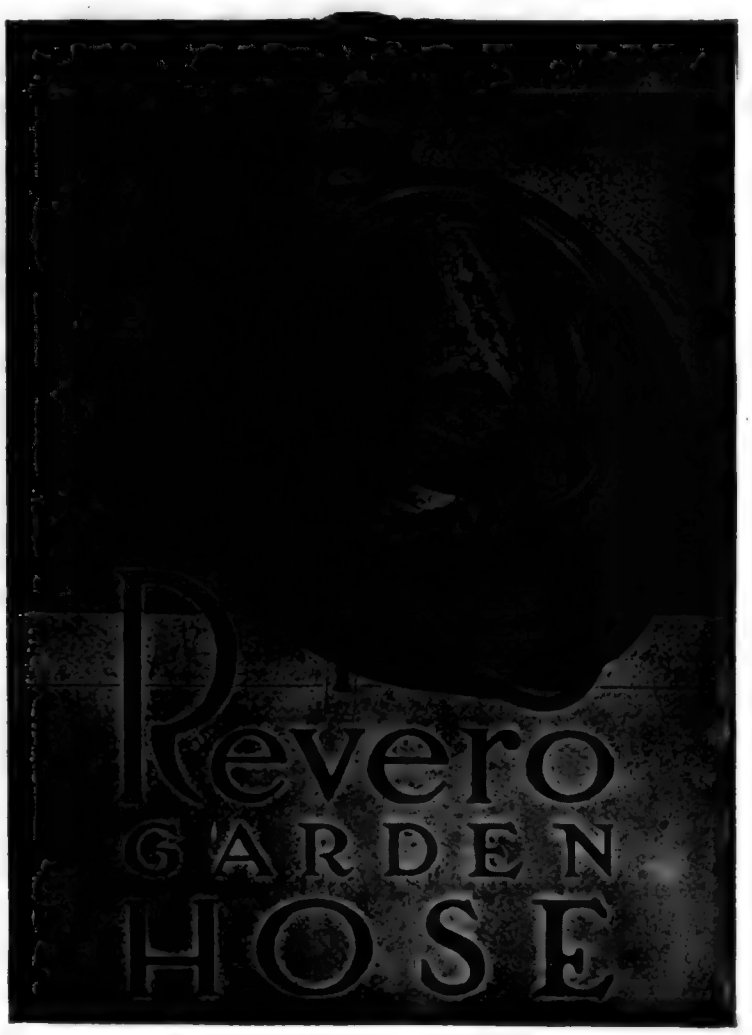
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Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?

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Light Strong Flexible

An indestructible moulded Hose for Lawn, Greenhouse, Stable, Garage. Of braided construction, cannot unwrap, kink or burst like old-style wrapped duck construction. Made in continuous lengths up to 500 feet, which gives you any length you want and avoids leaky couplings.

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For fumigating and sprinkling combined 3 cents per lb. in 100 lb. sacks, $50.00 per ton.

TOBACCO STEMS, 50 cents per 100 lbs.
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DENVER.

The Market.

One quiet day in every two or three busy ones has been the rule of late. There is no surplus of stock, however, and we are sometimes thankful when there is no demand. Violets do not sell readily, but they are the exception. No one seems to want them. The violet peddlers who had been standing on the street corners had to leave town. They could not sell their stock, and were losing money.

Indications point to a scarcity of all kinds of flowers for Christmas, though the weather next week will control the cut to a great degree. Rose growers are hoping for cold, cloudy weather to hold back the roses, which are a little too far advanced. Carnation men are hoping for just the opposite—nice, warm, sunny weather to bring the backward blooms forward.

Wholesalers of Christmas plants are sold out, the demand having been unusually heavy. There is a quantity of Christmas greens of all kinds on the market and it would appear that this sort of stock is going to be overdone. The holly is good this year, especially that which is packed in paper-lined boxes. A few sheets of paper make a great deal of difference in any shipment to this dry climate.

Various Notes.

The Colorado Florists' Club held its regular monthly meeting December 4. After the installation of officers, there was a report by the flower show committee, which showed that nearly $5,000 had been subscribed by the florists of the state. A committee, composed of Fred Hall, E. S. Kennedy and T. W. Hannah, was appointed to furnish the program at the next meeting. A. Gardner, of Greeley, and J. W. Smith, of Colorado Springs, were in attendance.

Mrs. Warren Smith has been ill with bronchitis, but is now able to be out.

Ben Boldt is the only one in Denver this year who has been really successful in growing poinsettias. It is needless to say that they were all sold early.

Visitors: Carl Hagemeyer, of the Deichman & Douglas Floral Co., Colorado Springs; J. W. Smith and Ed. Johnson, Colorado Springs; Wm. Butler, Longmont; A. Gardner, Greeley; S. Knudsen and Mrs. F. A. Haenselman, Boulder, Colo. M. R. J.



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They contain the latest news on scientific watering for Florists and Growers.

These books also contain photographs and testimonials from users of the Skinner System of Irrigation.

This is a new invention for watering. It is an overhead system that waters like the finest rain—in a soft, gentle mist form that cannot cake the ground or bruise tender foliage.

For Gardeners

TRADE SKINNER SYSTEM OF IRRIGATION MARK

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It is operated by the Special Skinner Turning Device that permits one man to water an almost unlimited area, without moving from one spot.

In hundreds of cases the Skinner System has paid for itself in a single season through saving in wages, better plants, reduced water and hose bills.

Put your proposition up to us and let us show you where the Skinner will guarantee you maximum profits on your greenhouses or gardens. Mail the coupon to us today and get the Six Books, Free.

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PRIVATE GREENHOUSES

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STANDARD VENTILATING MACHINERY

The original machine with self-oiling cups. The old reliable, the most powerful and least complicated of any on the market.

The Standard Return Steam Trap

It has no equal for simplicity or its working. Ask some one who is using a Standard for his opinion of it.

Write for catalogue.

E. HIPPARD CO., Youngstown, O.



Evans' Improved Challenge Ventilating Apparatus

Write for illustrated catalogue.

Quaker City Machine Works
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SEE THAT LEDGE.

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Use Our

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VENTILATING APPARATUS

Improved Vaporizing Pans for Tobacco Extracts, Etc.

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MT. GILEAD POTTERY CO., Mt. Gilead, Ohio

Successors to SMITH-THOMAS POTTERY

Manufacturers of CHERRY RED STANDARD POTS of all sizes

Our clay is mined from the old Morrow County Beaver Swamp, which enables us to furnish florists with pots noted for strength, porosity, beauty in color, lightness in weight and smoothness in surface, making them especially adapted to the successful growth of plants.

Our factory is equipped with new and up-to-date machinery. Our capacity is greater and our warehouse full of stock. We are ready to give all orders prompt attention. Give us your order and we will satisfy you.

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For Sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, $1.00 per doz. by express. Sample doz. by mail, $1.25.

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RED STANDARD POTS Prices per 1000, F. O. B. Harrison

2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80.

Cash must accompany order.

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For Holiday Sales

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THE WHILLDIN POTTERY CO.

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ALL ORDERS SHIPPED WITHIN TWENTY-FOUR HOURS AFTER RECEIPT

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POT MAKERS FOR 140 YEARS

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IONIA POTS ARE STRONG

Always burned to the same degree of hardness. Our kilns are equipped with heat-measuring pyrometers and other up-to-the-minute improvements. Every detail of manufacture, from the clay bank to the strong crates in which Ionia pots are carried to you, marks an advancement over old-time methods. Let us have your order now. We will ship when you are ready.

REMEMBER, that we solved the breakage problem years ago. **IONIA POTTERY CO., IONIA, MICH.**



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Is prepared by passing through a screen 1600 meshes to the square inch. If in a hurry for pots order from us. We can ship over five lines of railroad, by river or interurban. Write for catalogue showing all the articles we make for florists' use.

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is the state to get the nice Red Standard Pots, Pans, Azalea Pots, etc., and NORRISTOWN is the town where they manufacture them and burn them a nice red color. **Try us** and see if they are not just as cheap, too.

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Standard Flower Pots

Price list and samples on application.

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Price list and samples on application.

We carry a complete line of Florists' pots.

Weis & Schmidt Pottery Co.

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Our prices on HAND MADE

GREENHOUSE GLASS

Are always the lowest. Our qualities are the best.
We are MANUFACTURERS. Write us for prices.

THE COLE GLASS CO., Lancaster, Ohio

SPRINGFIELD, O.

The year 1911 has not been one of extensive greenhouse building in this vicinity, but some enlargements of space and the usual amount of rebuilding and repairing have been noted in the course of a brief tour of inspection by your correspondent.

Charles M. Niuffer has erected two houses, each 20x100, enlarged and improved his potting shed, constructed a vestibule connecting the houses with his residence and secured the extension of the city electric light service to his place. These additions and improvements will permit increasing his output and add to his personal comfort in the growing of roses for local catalogue houses.

O. Jackson conducted us through the houses of the American Rose & Plant Co., which were found in apple-pie order under the capable supervision of Carl Glenn. Ferns are the specialty of this concern and a trade in 6-inch, 8-inch and 10-inch sizes is rapidly being extended. Nephrolepis Roosevelt is their leader, but a number of newer sports are now being closely watched and the management expects them to be winners. The packing and potting shed has been extended eighty-six feet, with a width of sixteen feet. Side walls of concrete, with steel posts for gutters, have been completed, on which four new houses, each 21x150, will be erected next spring. Delay in the arrival of material and the extremely unfavorable weather this fall have prevented their immediate completion.

The Good & Reese Co. rebuilt five of their older houses during the summer, following practically the same construction as used in the remainder of the range, except that the side walls, gutter posts and benches were constructed of cement instead of wood. This concern reports extreme difficulty in the digging of outdoor stock, so that a considerable quantity of shrubbery which should now be in cold storage will probably have to remain in the ground until spring.

The completion of the Indian Run sewer through State street brought this much needed improvement within 700 feet of the houses of the Leedle Floral Co., and the firm has just had a contractor lay a private line for this distance, with which the necessary conveniences have been connected and provision made for carrying away waste water from numerous down-spouts and other pipes.

Ge Dale.

S. JACOBS & SONS

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Manufacturers and Jobbers in

Greenhouse Construction Material

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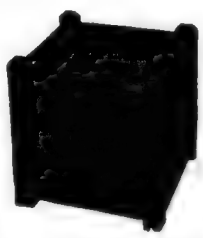


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10	20 in.	$1.45	$16 00	$130.00
20	18 in.	1.30	14.00	115.00
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50	12 in.	.45	5.00	40 00
60	10 in.	.38	4 00	32 00
70	8 in.	.30	3.50	28.00

Manufactured for us exclusively. The best tub ever introduced. The neatest, lightest and cheapest. Painted green, with electric-welded hoops. The four largest sizes have drop handles.

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Tree Tubs and Brass Hoop Jardinieres.

The extension stave foot prevents the bottom from rotting. No chance for water to collect.

The American Woodenware Mfg. Co.
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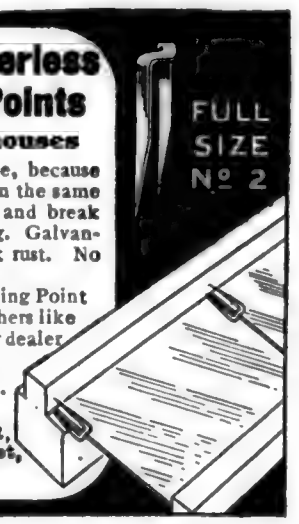
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The Weekly FLORISTS' REVIEW

CAXTON BUILDING

508 South Dearborn Street

CHICAGO

Advertising forms close

TUESDAY

The latest hour at which advertisements, or changes of advertisements, can be accepted is 5 p. m. Tuesday.

Wallingford, Conn.—Rowden & Mitchell are preparing a big stock of geraniums for spring trade. Some thousands of the popular S. A. Nutt are already spoken for.

THE CHRISTMAS BUSINESS

A NEW LEAF TURNED.

Business on a New Basis.

The Christmas business of 1911 has been the largest in the history of the florists' trade, but of even greater interest and vastly greater importance is the fact that it has furnished ample evidence of the dawn of a new era in flower selling. No longer are prices of cut flowers to be rushed to extraordinary levels for the holiday, to the accompaniment of a great accumulation of overripe stock by the growers, led on by the hope of realizing the extra prices. The depression that usually preceded and followed the holiday also has helped to so pull down the average value of the crop that many growers have ceased to crop their entire places for Christmas. Wholesalers have realized that the plantsmen have found their opportunity more through the action of the cut flower markets in years gone by than they have in the popular demand for the plants themselves—beautiful as are the best plants, the average flower buyer prefers cut flowers, especially for gift purposes. That has been abundantly demonstrated within the last week, for, although an enormous plant trade was done everywhere, the reasonable prices of cut flowers, the excellent supply and the good average quality resulted in a tremendous business being done with these, the retail profits being fully as good as ever have been obtained.

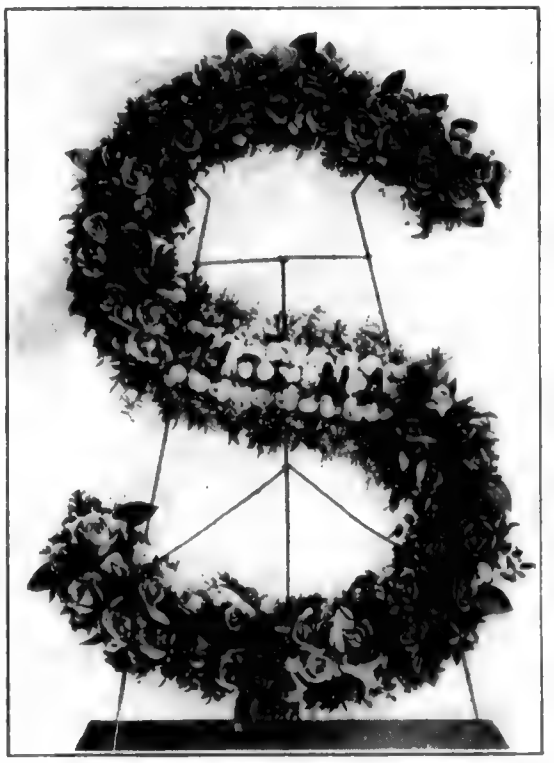
Less Stock Realizes More Money.

In practically all of the big wholesale markets of the country the supply of stock was below rather than above the quantity handled last year. The quality, however, was better and as a result lower prices gave a better average and a larger money return—the great gain came from the fact that under the new order of things it was possible to clean up the supply without the great disparity between the prices of the best flowers and the poorer ones. While the top prices were, in most cities, as high as in other years, the buyers who came early and made their wants known—and these consumed the great bulk of the supply—were treated in such a way as to cause them to add to rather than cut the original order. The advantages of first-class stock throughout, and of a good average price for all, were obvious.

How Specialties Fared.

Some of the big markets had all the stock they needed, but in most of them, especially in the west, the Beauty crops were light. Still, the Beauty is not what it once was as a Christmas flower and no great increase in the supply would have been needed to break the markets, as they have been broken in several recent years, especially in 1910. The decline in the demand for Beauties appears to have been coincident with the increase in the supply of and improvement in Killarneys. It appears that retailers have been able to make more money for themselves and give better satisfaction to their customers by pushing Killarneys, with the result that some of the largest stores now are using only small quantities of Beauties for Christmas.

Richmond was in large supply this year and in most cities the length of stem was the greatest ever known. The sale for these was enormous, but Killarney was in such large supply and so fine that it occupied the leading place. It was on roses that the principal evidences of moderation in prices were manifest. Carnations were not so plentiful as in recent years, the statement applying to every section of the country, almost without exception, and the demand was so strong that in most cities it at least held the prices up to



"S" is For Switchman.

what they have been in other years, if it did not carry them still higher. Red realized as good prices as ever it did, and other colors were scarcely less closely cleaned up. It was evident that the Christmas call is for good carnations if for any, as the smaller whites were the ones that did not sell. Fancy white went not badly. By far the greater part of the carnations now grown are either Enchantress or white, and bright pink is scarce.

The violet did not do so well as usual in most of the markets, the prices realized being considerably below those of last year, but it is thought that the flower has not lost anything in popularity. The Hudson river double violets now go all over the eastern half of the country. The decline in value of the crop was apparent in nearly every city, due as much to the fact that the weather was too warm for the stock to ship well as it was to the general market tendencies or any special factor affecting the violet. The singles sold better than the doubles in most markets, because of better quality.

Where stock is grown to be sold at retail a miscellaneous assortment is profitable, but such items as Paper Whites and Romans are not in request in the great cut flower markets at holiday times and find only cheap sale except in case of unexpected scarcity in other lines. The holiday demand is for the great staples.

The Plant Trade.

The flowering plants were better than ever this year and sold splendidly. Many retailers prefer to push them because they can be handled less hurriedly than is the case with cut flowers, and also for the important reasons that prices are established and moderate, while at the same time the plants add to the variety of the assortment it is possible to set before the public. But the plant arrangements are less mixed than they were in earlier years. What is wanted now is something good but simple, neither too large, too complicated nor too costly. The poinsettia, the cyclamen and the primula are the great sellers, but all other plants moved well at prices that paid the growers and gave the retailers good profits.

Weather a Big Factor.

The weather was a big factor in the great success of the Christmas business. Nearly everywhere it was bright and warm December 23, 24 and 25, ideal shopping days and a wonderful help in deliveries. Don't forget to thank the weather man.

"S" IS FOR SWITCHMAN.

Since time immemorial those who teach the young idea how to shoot have used a jingle as an aid to memorizing the alphabet. So great is the variety of freak designs the average retail florist is called on to make that there is one for almost every letter in the alphabet. When you get down to "S," it stands for switchman in the case of the design shown in the accompanying illustration, which was called for at the store of the Archias Floral Co., Sedalia, Mo., by a committee of the Switchmen's Union. When a customer insists that nothing will so well serve his purpose as a gigantic letter in flowers, the proper thing to do is to take his money and make up as good a design as the circumstances will permit—but you can't call it art, no matter how well you fill the order. In the present instance, the design gave excellent satisfaction to the customers, but nothing would have been lost had the easel been covered by some such method as winding with smilax.

A ST. LOUIS ESTABLISHMENT.

The illustration on page 12 shows the new establishment of C. Young & Sons Co., at Belt and Waterman avenues, St. Louis, where William C. Young, Jr., is in charge.

Just after the holidays, retail florists will appreciate to the full the facilities afforded by the show houses on either side of the store. It is an advantage in handling the extra business that comes at Christmas and Easter that is envied by the florist who is compelled

to do business handicapped by no more space than is afforded by the average downtown store.

GARDENERS' ASSOCIATION.

President Thomas W. Logan has made the following appointments on the board of directors of the National Association of Gardeners, to take effect January, 1912:

To serve for three years — John Shore, Harrison, N. Y.; Peter Duff, Orange, N. J.; Thomas Proctor, Lenox, Mass.; Alexander McKenzie, Glen Cove, L. I.; William Kleinheinz, Ogontz, Pa.; W. N. Craig, North Easton, Mass.; James Stuart, Mamaroneck, N. Y.

To serve for two years—John Dodds, Wyncote, Pa.; T. J. Kempton, Baychester, N. Y.; Robert Angus, Tarrytown, N. Y.; Carl Schaffer, Tuxedo Park, N. Y.; E. Wetterlow, West Manchester, Mass.; Robert Bottomley, New Canaan, Conn.; E. Trethewey, New York, N. Y.

To serve for one year—A. Bauer, Deal Beach, N. J.; J. F. Huss, Hartford, Conn.; H. F. Witney, Fishkill, N. Y.; Alexander Fraser, Newport, R. I.; James Bell, New York, N. Y.; F. Kirk, Bar Harbor, Me.; Wm. Pirie, Buffalo, N. Y.

Xavier Schmitt, of Philadelphia, Pa., has been appointed assistant secretary, and W. E. Maynard, of New York city, organizer, for the coming year.

The officers elected for 1912 are: President, Thomas W. Logan, Jenkintown, Pa.; vice-president, Martin B. Tillotson, Great Neck, N. Y.; secretary, Martin C. Ebel, Madison, N. J.; treasurer, Roy H. Caverly, Lowell, Mass.

Considerable outside interest has been manifested toward the national association since its last convention, which was held in Madison, N. J., in October last. The organization itself has become much interested in the contemplated national show, to be held in New York city in April, 1913, and some of its members are preparing to make large exhibits. A prominent gardener, superintendent of one of the largest private estates in the east, has already declared himself to Chairman Charles H. Totty, of the National Flower Show committee, as expecting to bring more than a carload of exhibits from the estate over which he presides, which is located in one of the states adjoining New York, to the 1913 exhibition. Some keen competition may also be looked for from the members of the national association at the next annual show of the American Sweet Pea Society, to be held in Boston, in July, 1912, this society having promised to provide liberally for special classes for gardeners.

A great growth is looked for in the National Association of Gardeners during the year 1912. President Logan will call a meeting of the new board of directors early in January, to meet in New York city, and some important matters will be brought up looking to the future development of this organization, which promises soon to become an important factor in the field of horticulture in this country.

M. C. Ebel, Sec'y.



GREEN CENTER IN VIOLET BUDS.

I am sending to you, by separate mail, a package of violets and leaves. Please tell me the name of this variety, for it is not Gov. Herrick or Princess of Wales. Gov. Herrick has darker and thicker foliage with me. This variety, when I bought it, was supposed to be Princess of Wales. Also tell me the best day and night temperature for this variety that I am sending. I am also enclosing a bunch of double violet buds. What is the cause of the double violets sending out such large, worthless buds with a green center, which never develop into good blooms? Are soot and hardwood ashes, mixed, good for the violets, if put between the rows? J. G.

The violets were so completely shriveled up as to be quite unrecognizable. Had they been in a tin or a light wooden box, with damp moss around the stems, they would have arrived in a fresh condition. The causes of the green center in double varieties are long spells of sunless weather and too low a night temperature. Hold them, as nearly as possible, at 40 to 42 degrees at night, with 5 or 6 degrees of a rise on dull days and 10 to 12 degrees of a rise on clear days, with abundant ventilation. Keep the surface soil scratched over and free from weeds and scum. Remove all dead and diseased foliage. Do not throw any rubbish below the benches; keep a pure, sweet atmosphere and your plants should improve. Wood ashes are not specially good for violets, but soot is useful, as well as top-dressings of sheep manure or well decayed cow manure. Feed sparingly, however, at this season.

C. W.

OPPORTUNITY KNOCKING HERE.

One of the chief reasons why the florists' business is among the best any young man can take up for his life work is that so large a proportion of those engaged in it are working for themselves. There probably is no other line in which so large a percentage of those in business for themselves have started as employees, or in which so large a number of those now employed will sooner or later be able to make a start on their own account. The importance of this recently was pointed out, in an interview, by David R. Forgan, president of one of the big banks in Chicago.

"If a young man starts out with the purpose of gaining a competence," said Mr. Forgan, "he should select a line of business in which, after it has been mastered, it is possible to start in a small way on one's own account with unlimited possibilities of growth. Success in railroading or banking, for instance, means only a good salary, while the profits go to the shareholders. Success in merchandising or manufacturing of any kind means that the profits go directly into your own pocket."

A florist is, usually, both a manufacturer and a merchant; therefore he gets both the manufacturing and the merchandising profit. This is true of all those who grow the stock they retail, and this includes the big part of the trade outside the principal cities. The florists' business is an individual affair. There are no great corporations to dominate the field. Such companies as there are in it are close corporations; they use no capital from outside; the stockholders are active workers and practically partners; the profits do not go to those who merely are investors; the money stays in the business, to make more money. The largest concerns in this trade today have grown in a few years from extremely small beginnings, and their success can be duplicated by any young man who has the qualities within himself.



New Branch Establishment of C. Young & Sons Co., St. Louis, Mo.

Carnations

PROPAGATING.

The Early Cuttings.

It is time now, if you wish to practice early planting, to get cuttings of some of the slower growing varieties into the sand. Early housing is necessary these days if you want to keep up with the band wagon, and especially is this true if you are growing for the wholesale market, where it is ever a case of the survival of the fittest.

One thing I wish particularly to call to your attention, however, and that is, that if you propagate early, you must make up your mind to give the cuttings room and attention later, lest they become potbound and stunted and far inferior to cuttings which may have been propagated in March. If you are not prepared to give your young plants at least 2½-inch pots, and 3-inch will be necessary for some, then you would better wait at least another month before putting the cuttings into the sand. That would not necessarily mean that you could not have splendid success next season, but you could hardly expect to produce such elegant stock by early fall as we see nowadays at the shows.

Selecting the Cuttings.

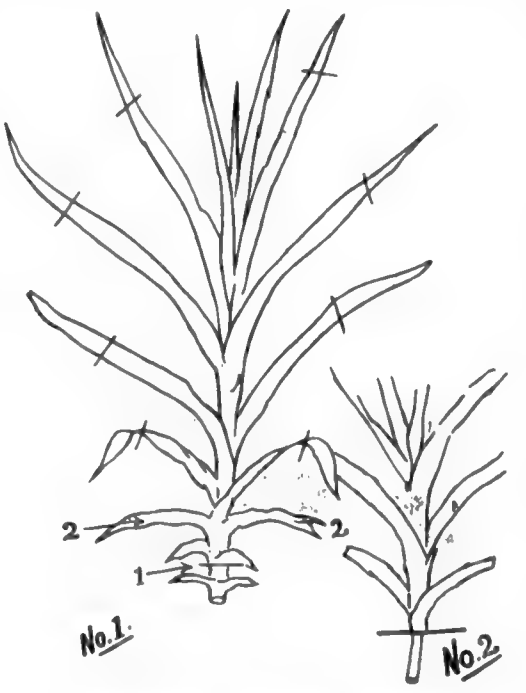
Having provided a suitable propagating bench, with all that is required for properly caring for the cuttings, you are now ready to take the cuttings and prepare them for the sand. Every year there is considerable controversy between the buyer and the seller of carnation cuttings, as to what is the best kind of cutting. Some maintain that a heel cutting is the only kind that is fit to put into the propagating bench, and unless they see the heels on the cuttings there is trouble in store for the shipper. Others use the tops of flowering stems which have not begun to run up to bud. With those who propagate only for themselves it is entirely a question of which will make the strongest plant and give the best results, and, inasmuch as only about one and one-half as many young plants need to be produced as there are plants blooming on the benches, it is an easy matter to get all the good cuttings that are needed. Only in case a rare variety is to be worked up into as much stock as possible, is it necessary to take every good cutting available.

Two Necessary Precautions.

In our experience we have found that any kind of shoot will make a good cutting, as long as you will observe two things: First, no shoot which has lengthened out enough to show any considerable amount of stem between the blades is fit to propagate. This applies to the pip cuttings. Secondly, if you use only side shoots from flowering stems, only good sized, strong shoots should be used. The small shoots from the upper part of the stem will root readily enough, but will produce only small, weak plants, and those high-grade blooms never come from that kind of plant.

If you propagate only for yourself, you will find no trouble in getting all the cuttings you need from near the base of the flower stems, and all you need to be careful of is to avoid the small ones, as already mentioned.

Assuming that you will use this kind of cutting, I have drawn a rough sketch of a shoot of this kind; only this shoot had stood on the plant a short time after the bloom had been taken off and had grown somewhat in size and strength. Its extra strength has made of it an ideal cutting.



Trimming Carnation Cuttings.

Trimming the Cuttings.

In preparing this shoot for the cutting bench you will cut off the lower end of the stem, where you see line No. 1 drawn across in Figure 1. You will notice that this cut will be just at the base of the next pair of leaves, No. 2. It is just low enough to let the joint remain on the cutting and yet high enough to allow you to peel off all of the leaves at No. 2. It is essential that none of these leaves remain on the stem, as they will only rot and start fungus in your bench. After you have finished the lower part of the cutting, it will appear like Figure 2. Always finish the lower part first, and then go on up the cutting and trim the leaves back as shown in Figure 1.

We do not trim our leaves back as closely as many propagators do, because we think that the young plant will make quicker progress after it is rooted if not trimmed so closely. You will also notice that we cut off the heel, and I can see some growers hold up their hands in horror at this. Now, to start with, we do not choose the heel cutting because we want the heel, but because we want the young shoot which has many joints. We find, further, that we can root a batch more evenly and quickly when the hard heel is taken off. In fact, we find that a few varieties will not strike roots at all readily through the heel. Furthermore, you will find that when you leave the heels on, they will vary considerably in hardness in the same variety and the rooting will be uneven, resulting in an uneven lot of plants all the way through.

Having taken off a batch of cuttings, you will, of course, keep them moist and cool all the time until they are stuck in the sand. While preparing them we have a bucket of fresh water to throw them into as they are being trimmed. This freshens them up well.

Placing Them in the Sand.

Have your sand well moistened when packing it down, and firm it well. Then, with an ordinary table knife, draw a line straight across the bench and about an inch deep. Begin at the left end of the bench and begin each row at the back of the bench, working toward you. Stick the cuttings three-fourths of an inch to one inch deep in the sand, the idea being to place them just deep enough to hold them upright when watering, etc. The firmer the sand, the better they will stand up. When you have stuck the last cutting, stick in the label just in front of it. Start the next kind next to the label, filling out the row, and proceed with the next row as before. Some growers work the other way, but we find that under the above method we have the work better in hand and can do better and quicker

work. We are always working away from it, instead of having to work over the cuttings as the others do. After you have stuck a batch of cuttings, you must give them a thorough watering, partly to moisten the sand and partly to settle the sand around the cuttings. After that they will need to be sprayed just enough to keep them fresh. But this point will be taken up in a future article.

Another thing you must bear in mind, and it is of the greatest importance. When selecting cuttings, avoid plants which are not healthy. There is no surer way of destroying the vitality of your stock than by propagating unhealthy cuttings. Especially is this true of that most prevalent disease, stigmonose. A. F. J. Baur.

CUTTINGS ARE GOOD.

I am sending a sample of a lot of unrooted carnation cuttings and would like to have your opinion of them. I sent for 3,000, paying $37.50 cash for them. I told the party to take them from the flowering stem and to be careful not to break the heel off. When I received them forty per cent were like the sample sent you. What do you think of it? G. A. R.

The cuttings forwarded were badly wilted, but I presume that your complaint is not of that nature. These cuttings, when properly rooted, ought to make you as fine stock as it is possible to get. They are healthy and strong. The grower who sent them to you should have taken them off without taking the heels with them, as you will likely take the heels off anyway. These stubs would produce more young shoots for him, which would make the finest of cuttings. You have no reason for complaint as far as I can see. A. F. J. B.

STIGMONOSE.

Several years ago we had a bad case of fairy ring on our carnations and when we see something wrong with them we are afraid it is the old trouble. About ten days ago we noticed a good many shoots had brown tips and rough places on them. We picked off the worst shoots and burned them, then spraying with Fungine. We notice there are thrips on the plants and are now spraying regularly with a nicotine solution. Under separate cover we send you a few of the worst shoots we can find in the bench. Please let us know if it is fairy ring, or what it is, and what we shall do. So far it has not affected the blooms, for they are as fine as we could wish. E. R. G.

The light spots on the specimens forwarded are not fairy ring. They are caused by the common disease known as stigmonose. This subject has been treated fully within the last few weeks in my answers to inquiries and you will find directions for handling it in recent numbers of The Review. A. F. J. B.

COVERED WITH RED SPIDER.

I am sending you some carnations that seem to me to be affected with some kind of disease. If you can tell me what the trouble is and what to do, I shall be sincerely thankful. This is my first season in business and I am not an experienced florist. J. H. C.

The specimens forwarded were literally covered with red spider, and if all your plants are as badly affected as these, you will not be apt to find this a profitable season. At this time of the year it is an uphill job to fight this pest, when once it gets a firm foothold. When the weather is bright and one can syringe every day it is an easy matter to keep them in check, and experienced growers make special efforts to have their plants free from them when winter sets in. After that it is merely a question of prevention.

Salt water is perhaps the best weapon to fight them with now. Use a 2-inch potful of salt to each gallon of water and spray them thoroughly. After a day or two (try to select a bright day, in the morning), wash them off with the hose. After a few days, if some of the pests have survived, repeat the dose. Set your young plants as far away from these infested plants as possible, else they will become infested too. A. F. J. B.



Mignonette at Castle Grove Greenhouses, Danville, Pa.

WIREWORMS IN SOIL.

Kindly inform us as to the best way to get rid of wireworms in the soil. Would steaming the soil enough to kill them have any bad effect on it? We wish to use the soil for our young carnation plants. W. B.

By far the wisest plan would be not to use this soil for your young carnation plants. To apply remedies when it is too late to avoid trouble of this nature is well enough, but when you know of the presence of pests of this kind, by all means go around them. If you must use this soil, you can destroy the wireworms by sterilizing it. Others recommend the use of salt or salty fertilizers, such as nitrate of soda. A 4-inch potful of salt to a wheelbarrow of soil would not be apt to injure your plants, and it may destroy the worms. I would advise you to experiment along this line a little before you use it on your stock. Try it in stronger proportion too. A. F. J. B.

AMERICAN CARNATION SOCIETY.

Please bear in mind that all entries for carnations for the Detroit exhibition should be in the hands of the secretary not later than January 1. For each entry made after January 1 $2 will be charged.

A. F. J. Baur, Sec'y.

HOUSE OF MIGNONETTE.

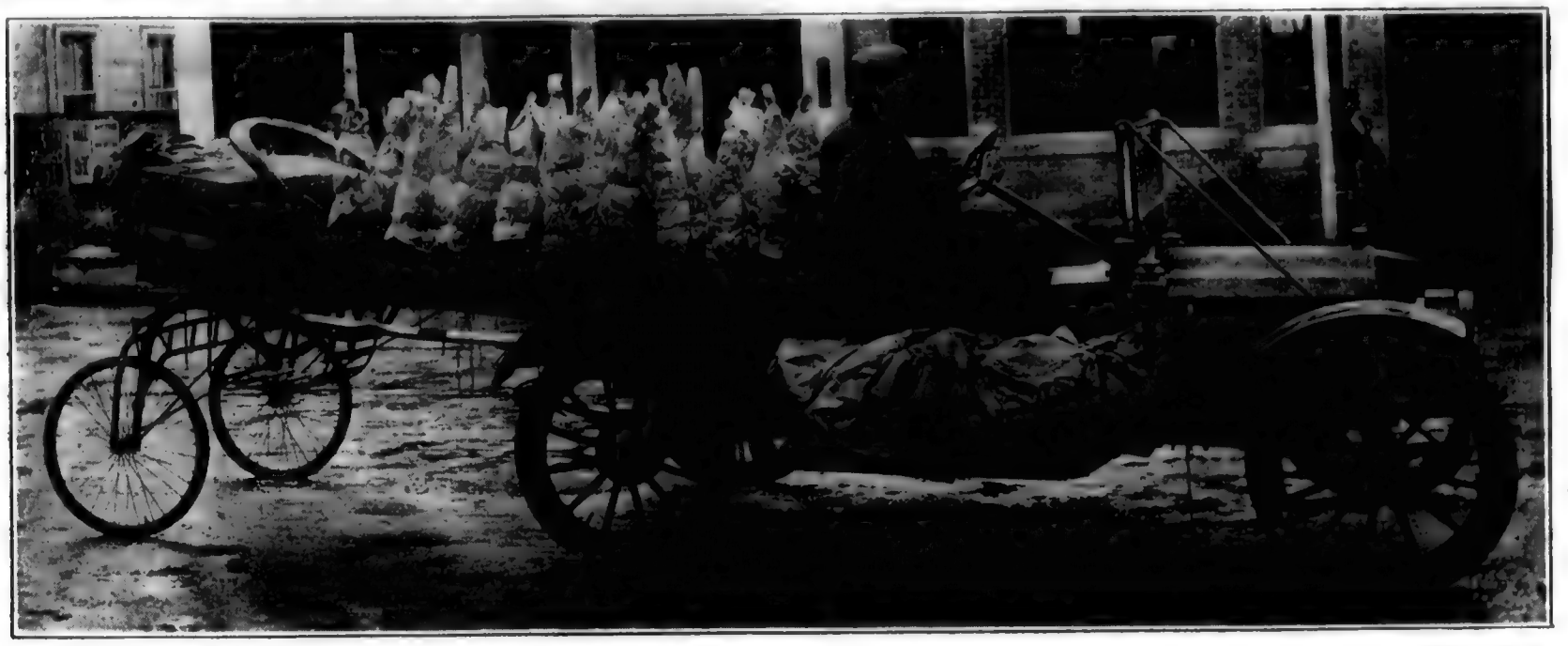
The accompanying illustration is reproduced from a photograph taken a few days ago at the Castle Grove Greenhouses, Danville, Pa. The mignonette in the house was planted August 15, and for a holiday crop stems were cut two feet long, with flower spikes seven inches in length. The variety is without name, being a selection from seedlings raised by J. J. Curran, who is seen in the picture.

ASTER BLIGHT.

Kindly give me information in regard to aster blight. My asters are on new land, but blighted somewhat. Will they be likely to blight if grown on the same land next season? Can the seed be treated with formalin? What varieties are best—pink, white and purple, or lavender—for florists' trade, and where may seed be obtained? Are coal ashes beneficial? Is hen manure or kainite a good aster fertilizer, and in what quantity? R. N. L.

It is hard to say what causes aster blight. It is a fact that seeds saved from badly affected plants, which were secured with some difficulty, germinated and produced perfectly strong and healthy plants the following season. As a general thing, new land is much less likely to give blighted plants than old ground. Again, plants raised under glass in heat are more delicate and more susceptible to blight than those started in coldframes or outdoors. A good many diseased plants are caused by too thick sowing and crowding in the seedling flats or after transplanting.

The ground in which asters are to be grown is better if plowed or spaded and liberally manured the fall previous to



One Method of Plant Delivery on Long Island.—J. E. Weir, Jr., at the Wheel.

planting the crop. Fresh manure used just before planting would have a tendency to cause disease. I have had no experience in treating seeds with formalin, but the mere fact that seeds from diseased plants produced healthy plants the following season would rather indicate that the blight is not inherited. In the same way, seeds from melons which were practically destroyed by blight have given perfectly clean plants the next year.

Good aster seed is offered by many of the leading seedsmen in the columns of The Review. Excellent varieties to grow are: For very early, Early Wonder in white and pink; for early, Queen of the Market in pink, pure white and lavender; for main and late crops, Vick's or American Branching and Semple's. White is the most profitable color to grow; next to that, pink, lavender and deep purple. It is best not to grow many of the last color.

Hen manure is useful as a top-dressing when the plants are in active growth. It is better, however, to mix the manure with fine loam sometime previous to using it. Drop it thinly between the rows and later run the hoe or cultivator over the soil, to stir it well. A light coating of wood ashes before plowing will help the ground, but should not be applied more frequently than every third year. C. W.

SOCIETY OF AMERICAN FLORISTS.

Department of Registration.

As no objections have been filed, public notice is hereby given that the registration of Althæa Wm. R. Smith by Henry A. Dreer, Inc., of Philadelphia, becomes complete.

As no objections have been filed, public notice is hereby given that the registration of Geraniums General Wayne, Aviator Rodgers and Aviator Atwood by F. H. De Witt, of Wooster, O., becomes complete.

Objection having been received to the registration of Geranium Daybreak, one by that name already being on the market, the name has been changed to Dr. Wylie and the registration hereby becomes complete.

As no objections have been filed, public notice is hereby given that the registration of Cannas Conowingo, Splendour, Wabash, Beacon and Kate F. Deemer by the Conard & Jones Co., of West Grove, Pa., becomes complete.

Objections having been withdrawn, public notice is hereby given that the registration of Rose Double Improved White Killarney by S. J. Reuter & Son, Inc., of Westerly, R. I., becomes complete.

H. B. Dorner, Sec'y.
December 21, 1911.

LONG ISLAND FLORICULTURE.

The proprietor of the Elklawn Greenhouses is J. Ebb Weir, who also is proprietor of James Weir, Jr., & Son, Brooklyn, and the two establishments, while separate, are closely associated, the greater part of the output of the greenhouses going to the retail store.

"We have erected this past summer," writes J. E. Weir, Jr., manager of Elklawn, "three more Hitchings & Co. houses, material, painting, glazing and heating being done by Hitchings' men and our own doing the erection of the buildings proper. This makes the seventh Hitchings house in three years. At present we have two carnation houses, each 30x200, one 200-foot propagating house and five 100-foot houses containing bedding stock and a general trade line. The local trade, picked up without running after, which we had never believed amounted to anything, is getting to be quite a factor and growing fast. The only trouble is delivery. We have a machine for that and frequently have to go thirty to forty miles with a decoration. Am sending you under separate cover a photograph of a hurry-up order. This had to be delivered twenty-five miles away with about twelve hours given to pack and send it. The load weighed just 1,150 pounds, partly supported by the sulky and the rest by the machine.

"We take a lot of stock in The Review; we most generally find something in it that squares up a difficult point at about the right time."

A NEW CONNECTICUT RANGE.

When Otto Keser put up his range of glass at Portland, Conn., he started with the houses shown in the accompanying illustration, which are surrounded by several acres of choice land, planted with trees, shrubs and a variety of stock for his retail trade. A handsome dwelling and storage house is situated at the entrance and does not show in the picture. The place is called the Riverside Greenhouses.

St. Clairsville, O.—Elizabeth A. Mellor, who was formerly connected with the florists' trade, but withdrew from it several years ago, has again engaged in the business, with John E. Winters as manager.



Establishment of Otto Keser, Portland, Conn.



THAT THREE-NAMED ROSE.

A western rose grower asks the publication of the following:

"Antoine Rivoire is the correct name of the rose frequently offered as Prince de Bulgarie or as Mrs. Taft. The spelling, according to the catalogue of the raiser, Pernet-Ducher, is as here given, not Revoire, as frequently written. There is another Pernet-Ducher rose named Prince de Bulgarie, but it is distinct from Antoine Rivoire. The confusion came about through the variety Antoine Rivoire, minus the label, getting into the hands of a Washington florist who gave it the name of Mrs. Taft. Then A. N. Pierson, Inc., Cromwell, Conn., got hold of it and it made a hit. Knowing that Mrs. Taft was not the correct name, and wanting to get it straight, Pierson sought to identify it and accepted the verdict of a celebrated French rose grower, to whom stock was sent, that it was Prince de Bulgarie. Later it was proved to be Antoine Rivoire. There now seems to be no question about it, so the trade should cease to use the names of Taft and Bulgarie for this variety (there being other though little grown sorts by both these names), and use only the name Antoine Riviore."

Submitting the proof of the above to A. N. Pierson, Inc., Cromwell, Conn., for verification of the statements of fact, Wallace R. Pierson writes:

"Replying to your letter of December 15, would state regarding the clipping relating to the rose Antoine Rivoire that while in the main it is true, I do not care to advocate a policy which we do not intend to live up to.

"This rose was called Mrs. Taft before we got it, and is known in the New York, Philadelphia and Boston cut flower markets as Mrs. Taft and is extremely popular. If we should advocate changing the name to Antoine Rivoire it would be a shortsighted policy. Whether the name is worth anything in the trade or not is the question, but the fact remains that this rose is advertised under that name, and known under that name. Our position in the matter of this rose has been stated quite clearly a number of times. The cut flower business is worth more to us than the plant business, and we intend to continue to call the variety Mrs. Taft to our cut flower trade. Had we been the first people in this country to handle the rose we would have called it by its correct name, but as it is we are only calling it by the name by which it is best known.

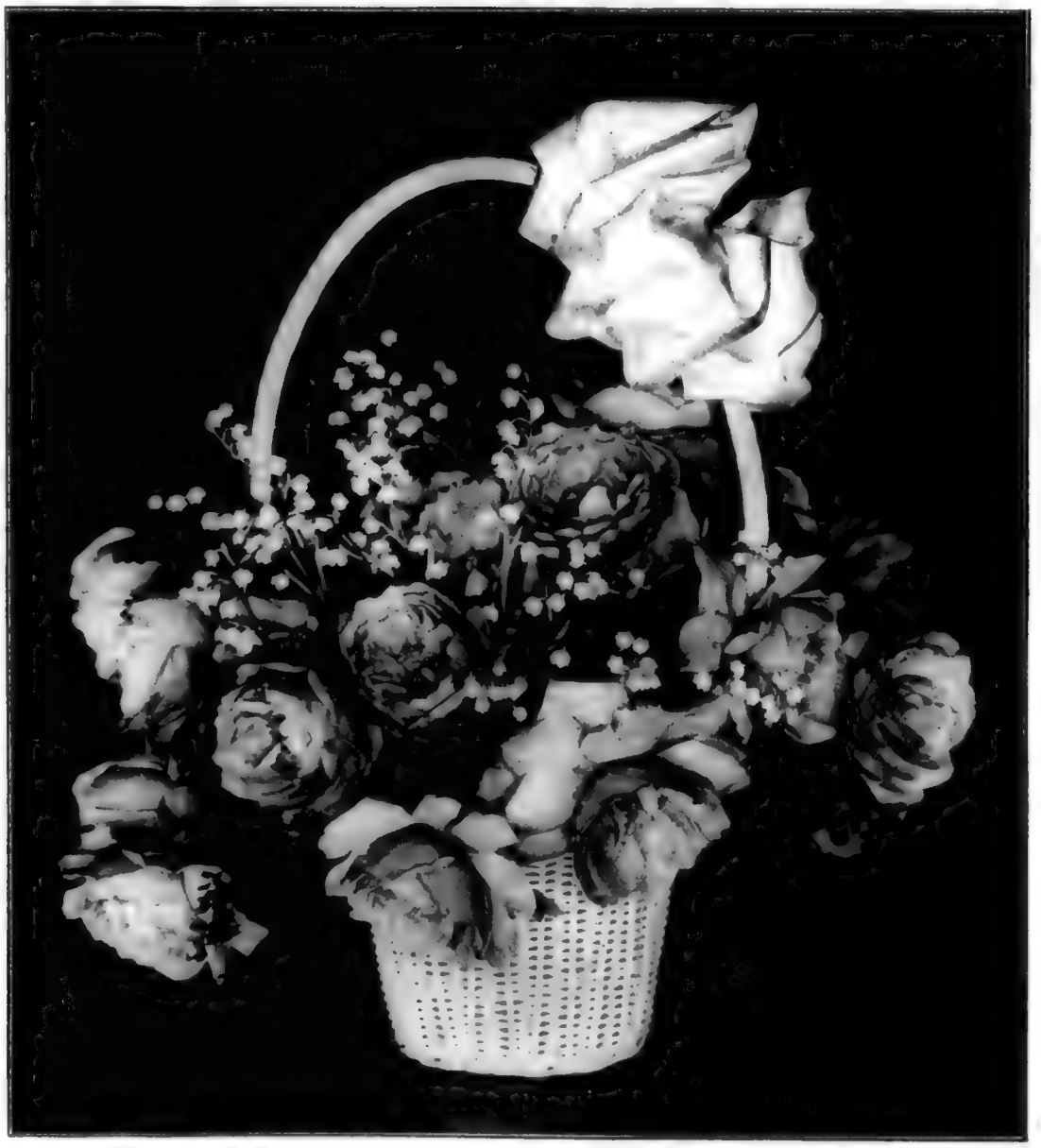
"The spelling is undoubtedly correct in this article—Rivoire—although the catalogues of different rose men do not agree regarding this. This article states: 'There now seems to be no question about it, so the trade should cease to use the names of Taft and Bulgarie for this variety.' I would state in this connection, however, that there is still some doubt regarding the correct name of this rose, and would refer you to the Waban Rose Conservatories, Natick, Mass. Alexander Montgomery, Jr., was here a short time ago and stated that a French rosarian visited his father recently at the Waban Rose Conservatories and saw this rose growing and flatly denied that it was Antoine Rivoire. I would also refer you to Mr. Heller, of the South Park Floral Co., New Castle, Ind. In conversation with him at Cincinnati he told me he had imported roses supposed to be Antoine Rivoire on six different occasions. Twice he received this rose, twice he received a rose similar to it in all general characteristics, this second variety being in our opinion Prince de Bulgarie, and twice he received stock of this rose and another lot of Bulgarie mixed, and he is of the opinion that the stock of the two varieties was mixed in Europe, as they are alike in all general characteristics.

"We are cataloguing this rose under the name Mrs. Taft, with the name Antoine Rivoire in brackets."

Apparently the end to be desired is that the trade should know that, in this country, the names Taft, Bulgarie and Rivoire all call for the same rose, for, if the time ever should come when they do not call for the same rose, there will be "confusion worse confounded."

EELWORMS IN ROSE SOIL.

I should be pleased to have you give me a little information in regard to my American Beauties. The plants are all new. We are cutting a good crop. The benches are five inches deep and are filled with a compost consisting of about one-fourth well rotted manure and three-fourths soil. The roots are mostly near the surface and a close examination seems to show that they are infested with eelworms. Here and there a strong, healthy plant turns yellow, then loses its foliage and dies, seemingly without any cause. We run the houses at a night temperature of 58 to 60 degrees and a day temperature of 64 to 68 degrees. The plants are watered as evenly as possible and are



Basket of My Maryland Roses and Valley.

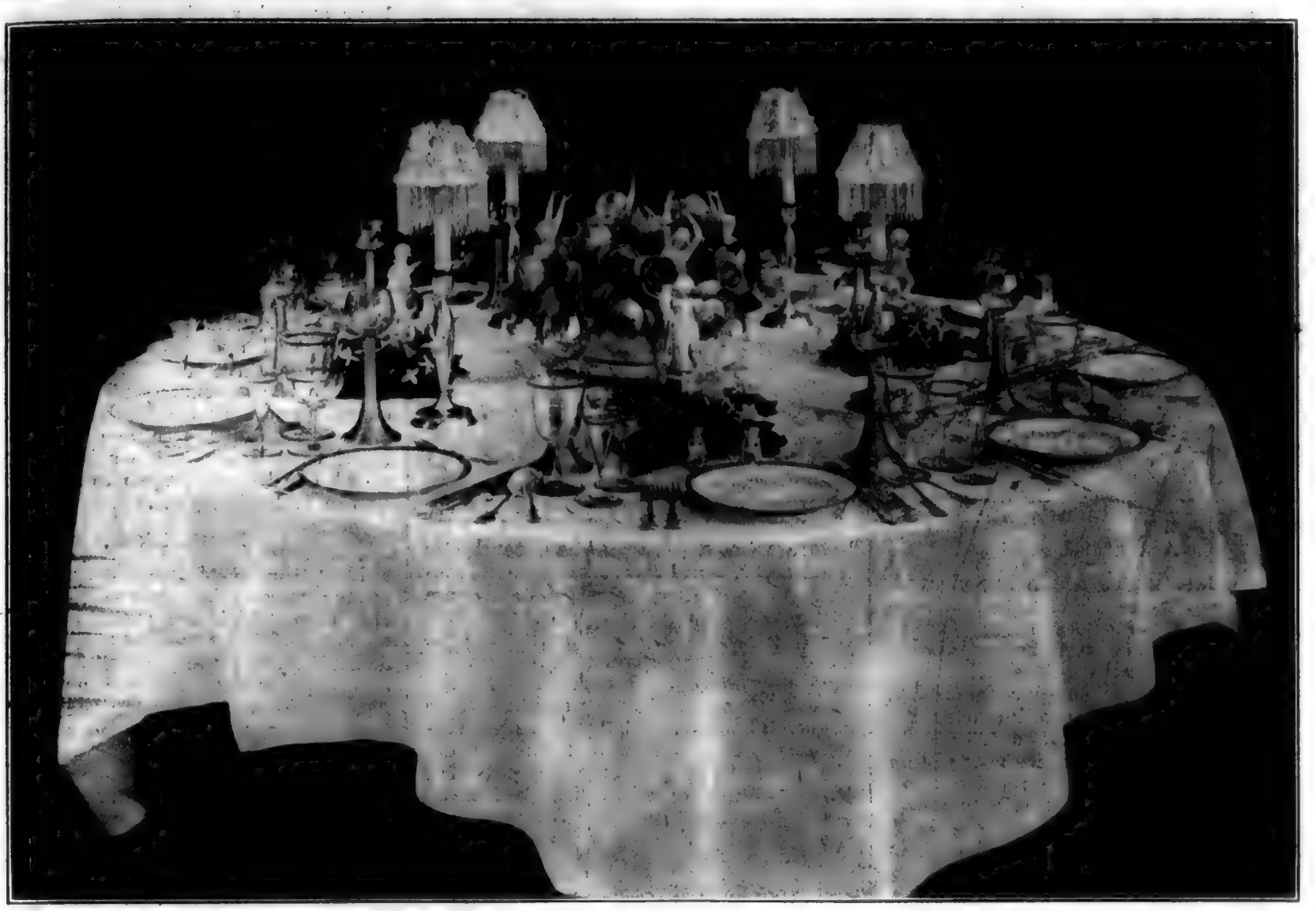


Table Decoration by the E. Wienhoeber Co., Chicago.

not affected with spot or mildew. Can you suggest a remedy? E. M. S.

Sterilization of the soil with steam before planting is the best way to get rid of eelworms and other pests infesting the soil. This, of course, can not be done when the plants are in the benches, and the next best remedy is carbon bisulphide. Bore holes twelve to eighteen inches apart each way with a sharp pointed stick. This is best done when the soil is damp, as the fumes of the carbon are then more penetrating. Pour a small teaspoonful of the carbon into each hole and at once cover it. Go over the benches in this way carefully and you should kill out the eelworms. The carbon costs 25 cents per pound can at retail. Naked lights should not be placed near it, as it is rather of an explosive nature. The carbon will not harm the plants. C. W.

KAISERIN ROSES FOR EASTER.

Would a house of Kaiserin roses, rested immediately after Christmas and pruned back hard, be in crop for Easter? They are 2 and 3 years old and are big plants. Would you advise a thorough or only a slight rest for them before pruning? J. W. M.

A slight rest and not a thorough one would be best. Kaiserin is not a winter rose or even a spring one and gives its best returns in hot weather. It hangs fire longer than most of the other roses used for forcing. While you can probably get a moderate Easter crop, you will be more certain of a good crop by giving a longer rest and holding them for Memorial day, a time when the flowers are just as valuable as at Easter. C. W.

GLADIOLUS THE BRIDE.

Will Gladiolus The Bride, if planted now in a lettuce house between the lettuce, be in bloom for Easter?

J. W. M.

Gladiolus The Bride, planted now in a lettuce house, where the usual night temperature is 40 degrees, would not be in flower for Easter. It is late now to start these small-flowered gladioli. The proper time is during October or the first half of November. The bulbs by this time must have lost much of their vitality. Gladioli such as The Bride, Peach Blossom, etc., to flower early in April, should now be well sprouted, and in a night temperature of 45 to 50 degrees after January 1 will flower from March 25 to April 10, according to the nature of the season. Bulbs planted now would not flower before early May in a lettuce house temperature. C. W.

BAYS AND RHODODENDRONS.

Would you please tell me how to propagate bay trees, and what time of year, and how to propagate rhododendron or rose bay? J. W. N.

The bay, Laurus nobilis, is propagated from well ripened cuttings four to five inches long, placing them in clean sand and keeping close and moist until rooted. Practically all bay trees used in America are imported from Belgium. They are planted out there in prepared beds, lifted and stored over winter in light sheds just clear of freezing, and then planted out again in spring.

Rhododendrons are propagated from seeds, layers and by grafting. For our American climate R. maximum or R. Catawbiense are the best stocks to use. R. ponticum, much used in Europe, is not hardy here and any plants imported which are grafted on that stock will have but a short lease of life outdoors. Grafting is the usual form of propagating adopted. Little of this is as yet done in America, owing to the low prices at which good European grown plants can be procured and delivered here. Side grafting is generally adopted, occasionally cleft grafting. The stocks should be in pots in a cool greenhouse. Cut the leaves halfway back on the scions. Early spring and late summer are the two best seasons to do the grafting. The stocks should not be cut back when grafting is done; wait a year for this; and care must be taken to shade the plants and keep a close and moist atmosphere until the graft has united with the stock. C. W.

BOUGAINVILLEAS.

I have several large plants of Bougainvillea Sanderiana growing in the center bed in my greenhouse. They are well established, having been planted three years, and have made fine growths, running to the ridge, sixteen feet high, but they do not bloom. The growths are strong and vigorous. The soil in which they are growing is fairly rich, but I have used no manure or fertilizer of any kind. Can you inform me what I should do with them to induce them to bloom? W. H. H. R.

Bougainvilleas planted out as yours are should flower freely. The most probable cause of their not blooming is that they have been kept continuously



THAT THREE-NAMED ROSE.

A western rose grower asks the publication of the following:

"Antoine Rivoire is the correct name of the rose frequently offered as Prince de Bulgarie or as Mrs. Taft. The spelling, according to the catalogue of the raiser, Pernet-Ducher, is as here given, not Revoire, as frequently written. There is another Pernet-Ducher rose named Prince de Bulgarie, but it is distinct from Antoine Rivoire. The confusion came about through the variety Antoine Rivoire, minus the label, getting into the hands of a Washington florist who gave it the name of Mrs. Taft. Then A. N. Pierson, Inc., Cromwell, Conn., got hold of it and it made a hit. Knowing that Mrs. Taft was not the correct name, and wanting to get it straight, Pierson sought to identify it and accepted the verdict of a celebrated French rose grower, to whom stock was sent, that it was Prince de Bulgarie. Later it was proved to be Antoine Rivoire. There now seems to be no question about it, so the trade should cease to use the names of Taft and Bulgarie for this variety (there being other though little grown sorts by both these names), and use only the name Antoine Riviore."

Submitting the proof of the above to A. N. Pierson, Inc., Cromwell, Conn., for verification of the statements of fact, Wallace R. Pierson writes:

"Replying to your letter of December 15, would state regarding the clipping relating to the rose Antoine Rivoire that while in the main it is true, I do not care to advocate a policy which we do not intend to live up to.

"This rose was called Mrs. Taft before we got it, and is known in the New York, Philadelphia and Boston cut flower markets as Mrs. Taft and is extremely popular. If we should advocate changing the name to Antoine Rivoire it would be a shortsighted policy. Whether the name is worth anything in the trade or not is the question, but the fact remains that this rose is advertised under that name, and known under that name. Our position in the matter of this rose has been stated quite clearly a number of times. The cut flower business is worth more to us than the plant business, and we intend to continue to call the variety Mrs. Taft to our cut flower trade. Had we been the first people in this country to handle the rose we would have called it by its correct name, but as it is we are only calling it by the name by which it is best known.

"The spelling is undoubtedly correct in this article—Rivoire—although the catalogues of different rose men do not agree regarding this. This article states: 'There now seems to be no question about it, so the trade should cease to use the names of Taft and Bulgarie for this variety.' I would state in this connection, however, that there is still some doubt regarding the correct name of this rose, and would refer you to the Waban Rose Conservatories, Natick, Mass. Alexander Montgomery, Jr., was here a short time ago and stated that a French rosarian visited his father recently at the Waban Rose Conservatories and saw this rose growing and flatly denied that it was Antoine Rivoire. I would also refer you to Mr. Heller, of the South Park Floral Co., New Castle, Ind. In conversation with him at Cincinnati he told me he had imported roses supposed to be Antoine Rivoire on six different occasions. Twice he received this rose, twice he received a rose similar to it in all general characteristics, this second variety being in our opinion Prince de Bulgarie, and twice he received stock of this rose and another lot of Bulgarie mixed, and he is of the opinion that the stock of the two varieties was mixed in Europe, as they are alike in all general characteristics.

"We are cataloguing this rose under the name Mrs. Taft, with the name Antoine Rivoire in brackets."

Apparently the end to be desired is that the trade should know that, in this country, the names Taft, Bulgarie and Rivoire all call for the same rose, for, if the time ever should come when they do not call for the same rose, there will be "confusion worse confounded."

EELWORMS IN ROSE SOIL.

I should be pleased to have you give me a little information in regard to my American Beauties. The plants are all new. We are cutting a good crop. The benches are five inches deep and are filled with a compost consisting of about one-fourth well rotted manure and three-fourths soil. The roots are mostly near the surface and a close examination seems to show that they are infested with eelworms. Here and there a strong, healthy plant turns yellow, then loses its foliage and dies, seemingly without any cause. We run the houses at a night temperature of 58 to 60 degrees and a day temperature of 64 to 68 degrees. The plants are watered as evenly as possible and are



Basket of My Maryland Roses and Valley.

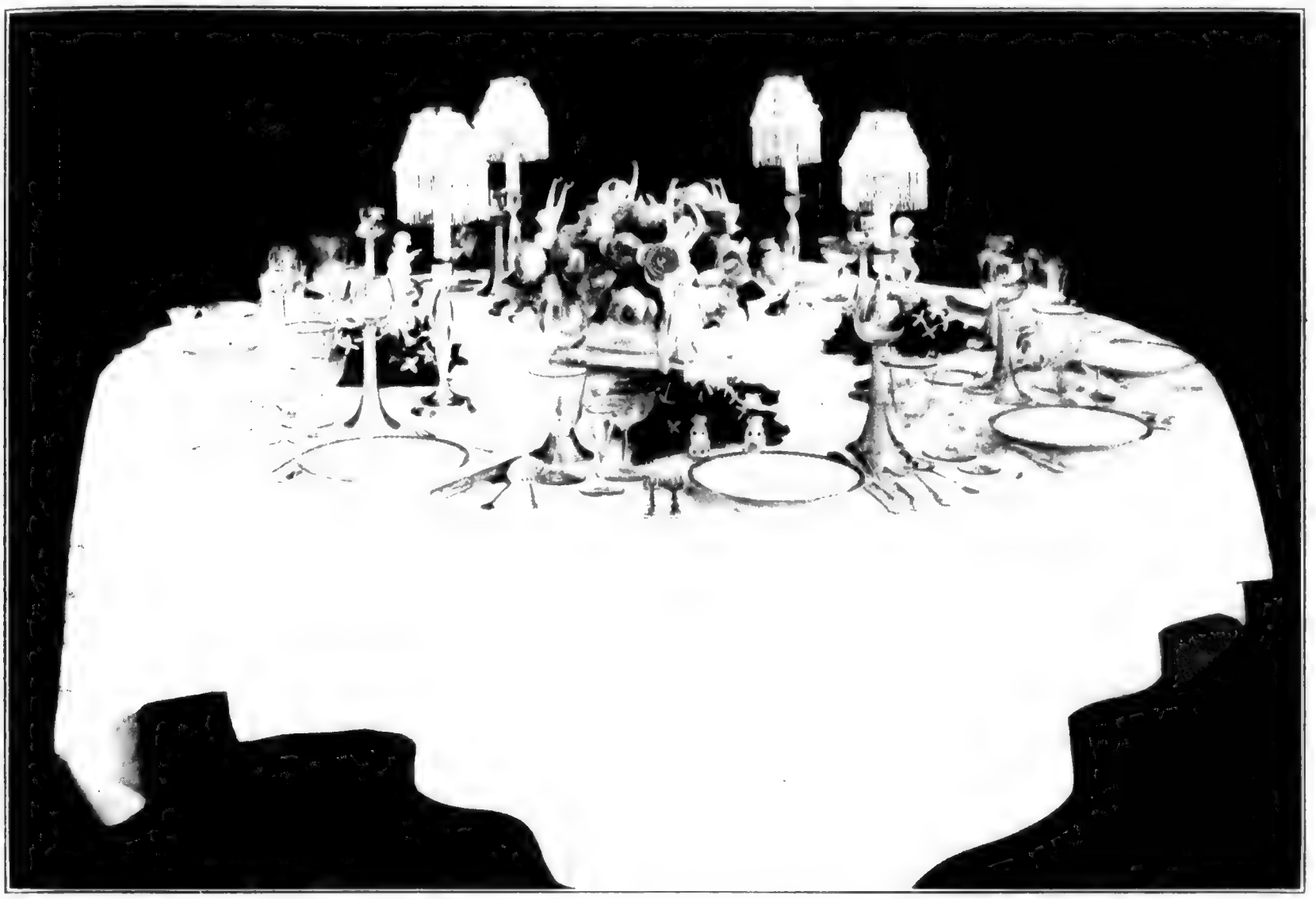


Table Decoration by the E. Wienhoeber Co., Chicago.

not affected with spot or mildew. Can you suggest a remedy? E. M. S.

Sterilization of the soil with steam before planting is the best way to get rid of eelworms and other pests infesting the soil. This, of course, can not be done when the plants are in the benches, and the next best remedy is carbon bisulphide. Bore holes twelve to eighteen inches apart each way with a sharp pointed stick. This is best done when the soil is damp, as the fumes of the carbon are then more penetrating. Pour a small teaspoonful of the carbon into each hole and at once cover it. Go over the benches in this way carefully and you should kill out the eelworms. The carbon costs 25 cents per pound can at retail. Naked lights should not be placed near it, as it is rather of an explosive nature. The carbon will not harm the plants. C. W.

KAISERIN ROSES FOR EASTER.

Would a house of Kaiserin roses, rested immediately after Christmas and pruned back hard, be in crop for Easter? They are 2 and 3 years old and are big plants. Would you advise a thorough or only a slight rest for them before pruning? J. W. M.

A slight rest and not a thorough one would be best. Kaiserin is not a winter rose or even a spring one and gives its best returns in hot weather. It hangs fire longer than most of the other roses used for forcing. While you can probably get a moderate Easter crop, you will be more certain of a good crop by giving a longer rest and holding them for Memorial day, a time when the flowers are just as valuable as at Easter. C. W.

GLADIOLUS THE BRIDE.

Will Gladiolus The Bride, if planted now in a lettuce house between the lettuce, be in bloom for Easter? J. W. M.

Gladiolus The Bride, planted now in a lettuce house, where the usual night temperature is 40 degrees, would not be in flower for Easter. It is late now to start these small-flowered gladioli. The proper time is during October or the first half of November. The bulbs by this time must have lost much of their vitality. Gladioli such as The Bride, Peach Blossom, etc., to flower early in April, should now be well sprouted, and in a night temperature of 45 to 50 degrees after January 1 will flower from March 25 to April 10, according to the nature of the season. Bulbs planted now would not flower before early May in a lettuce house temperature. C. W.

BAYS AND RHODODENDRONS.

Would you please tell me how to propagate bay trees, and what time of year, and how to propagate rhododendron or rose bay? J. W. N.

The bay, Laurus nobilis, is propagated from well ripened cuttings four to five inches long, placing them in clean sand and keeping close and moist until rooted. Practically all bay trees used in America are imported from Belgium. They are planted out there in prepared beds, lifted and stored over winter in light sheds just clear of freezing, and then planted out again in spring.

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Bougainvilleas planted out as yours are should flower freely. The most probable cause of their not blooming is that they have been kept continuously

moist at the root and growing, whereas they need to be kept tolerably dry at the root, to ripen their wood after the flowering season has passed. I would advise keeping them much drier at the root, starting now. Never mind if much of the foliage falls; that is only to be expected. Prune back the plants well before starting them into growth again. Give the soil about them a good loosening up, remove the upper portion and give a top-dressing of loam, sand and cow manure. Syringe freely until the plants break, but don't water too freely until growth is well started. If rested, pruned and started up thus, you should have no trouble in getting an abundant bloom on them. C. W.

SEASONABLE SUGGESTIONS

Antirrhinums.

Where late mums are being cleared, snapdragons make an excellent succession crop. Some growers dot gladioli among them, but it is far better to keep the two crops separate; one only spoils the other. Be sure to give the soil a liberal manuring and spading over before planting the snapdragons.

Blooming plants which are now giving a fine crop of spikes will require occasional waterings with liquid manure, and a top-dressing of bone or sheep manure lightly scratched in about them will be appreciated.

There is a great and growing demand for rooted cuttings of antirrhinums. People are only beginning to appreciate them as winter flowers. Pink sells much the best, then white and yellow. As all flowering shoots carry an abundant crop of cuttings, it is possible to do a lot of propagating without in any way sacrificing flowering shoots, as for instance with carnations. These root readily with carnation cuttings. Do not allow too many shoots to grow up from each plant if you want fancy spikes. If, however, you have a better sale for small or medium spikes, you can let them all grow.

Wallflowers.

Now is a good time to place a batch of wallflowers in a cool greenhouse. They dislike much heat and the flowers are entirely lacking in substance when grown warm. Wallflowers are a popular market flower in Europe, their delightful odor being pleasing to practically everyone. Here we, unfortunately, cannot grow them outdoors except in the warmer states, but there is a good demand for bunches of them in the big flower markets in winter and early spring. All the up-to-date retailers keep a steady supply on hand when obtainable. The popular colors are blood red and golden yellow. In order to secure the big wallflower plants, which will give a wealth of flowers in winter, the seed should be sown in May or June, not later. Too often the sowing is delayed until August, and the plants started this late, while they will flower, are too small to be profitable.

Marguerites.

For winter flowering it is neither practical nor profitable to have the marguerite plants in benches, unless they are unusually shallow and the plants have them well filled with roots before winter. Marguerites, to flower them early, should have their roots confined in pots or narrow boxes. These can be stood on a bench with soil below them, so that they can root through. They will then give a good winter crop of flowers. Where flowers are needed through May and June, it is a good plan to bench them, as by this method strong stems and fine flowers are to be had. Plants in pots for Easter flowering will still need some pinching. This may be discontinued after January 10. Give them any necessary repotting, using a rich compost, and be sure to always give them an abundance of water. The new double white variety, Mrs. F. Sander, has undoubtedly come to stay. It is an even better winter bloomer than Queen Alexandra, from which one should judge it was a sport, and makes a nice pot plant.

Freesias.

Never mind if you did not succeed in getting your freesia crop in for Christmas; the chances are that if you had grown them warm some would have opened, and it would have caused the stems to become weak and the flowers soft. First-class freesias, especially the variety Purity, are always in demand at good prices through January and February. Keep the pans, pots or flats close up to the glass. Water abundantly and feed frequently but in weak doses; heavy doses of liquid manure will cause the ends of the leaves to turn brown, thus largely disfiguring the plants and entailing a lot of trimming to make them salable. Heavy fumigations, especially with tobacco stems, will cause the same browning, as will hydrocyanic acid gas. If the freesias are cut with long stems close to the ground, it will not pay to carry them over another year; if, on the other hand, the foliage is not sacrificed, they will produce splendid bulbs which can be relied upon to flower freely the following year.

Easter Lilies.

Now that Christmas crops are out of the way it is possible to take out the lilies, which are probably crowded on some of the benches or below them, and give them every possible attention and care from this time on. Longiflorums should be through the soil now. In the case of multiflorums a temperature of 55 degrees at night will suffice, while Formosas will do nicely at 50 degrees as a minimum, but with giganteums, which after all are the leading variety grown for Easter, the plants do much better if given warm treatment from start to finish. Give these, therefore, 60 degrees at night and if they are backward 65 degrees will be better. If, perchance, the plants are already four to six inches high, let them have the cooler end of the house. Remember that for two months now we shall have the lowest temperature of the year and if you want your plants in flower at Easter, which comes April 7, or nine days earlier than in 1911, buds must be showing plainly in the last week of February.

CHRYSANTHEMUMS

IT MAY BE A SPORT.

We are sending under separate cover some samples of chrysanthemums. The pink ones are supposed to be Enguehard, which we grew for two years. In the third year the white ones appeared and we have been growing them since that time. We should like to know whether the white mum is a sport or a variety that is known in commerce. The type seems to be well established and it is a good, strong grower. We have never grown it to a larger size, as this is a good size for our trade.

W. A. W.

The blooms were completely gone when the samples reached me; so I did not have an opportunity to see them at all. If the foliage is identical with Enguehard in every respect and the flower is the same, flowering at the same time, it is evidently a sport. I do not know that Enguehard, so far, has sported white. As a rule pink varieties do not sport white, but of course there are exceptions to every rule.

Next year W. A. W. can, if he wishes, readily ascertain whether or not it is a sport of Enguehard, by sending it to the committees appointed by the Chrysanthemum Society to judge seedlings and sports. If six flowers are sent, accompanied by one of the parent flower, then its identity can be readily established.

The reason I think it entirely possible it is a true sport, is because this year we are distributing a bronze sport of Enguehard, called Antique, and when a plant begins to show a sportive tendency it often sports at practically the same time in widely scattered places and also sports in one or more colors. The bronze sport came two years ago and it is quite possible that a white came at the same time.

C. H. Totty.



SEASONABLE NOTES.

Cypripedium Leeanum.

Next to insigne, and immediately following it in flowering, comes C. Leeanum. The flowers of this cypripedium, while not borne on quite so stout stems as insigne, are really handsomer and worth more money, as their dorsal sepal, with its great breadth, and their attractive, showy flowers at once rivet one's attention. Cypripedium Spicerianum x C. insigne produced this fine market variety, and anyone wanting a companion to C. insigne should get some of C. Leeanum; it is of easy culture, flowers freely and as an individual plant is even better than C. insigne, unless some of its choice yellow forms are included. Both C. insigne and C. Leeanum do better in fibrous loam than in fern root. I give them a night temperature of 60 degrees in winter and provide a little shade even in the middle of winter. The great enemies of cypripediums are thrips and red spider. These soon disfigure the Leeanums, but if a generally moist atmosphere is kept, a high night temperature guarded against and the plants sprayed on clear days, these pests should not trouble them when once they are located. Sponge the affected plants carefully with soap and water. Aphine has also been found to be good.

Odontoglossum Crispum.

The past hot summer was extremely trying on these semi-alpine orchids and the improvement many have been making for two or three years preceding was largely lost. Now, thanks to cool weather, the plants are again picking up and will, failing unforeseen contingencies, give a fine crop of flowers the coming spring. While the odontoglossums want little of our broiling summer sun, they should, during our winter months, get as much of old Sol's rays as possible. It is utterly wrong to give them a dark north space, where in midwinter no sun will strike them for months. It is also a mistake to give them so low a night temperature. We can educate them to 50 or even 55 degrees, and, given this night temperature and plenty of sun, it is really astonishing how much progress they will make. The leaves should take on a bronzy hue. This makes them harder and better fitted to stand our, to them, severe summers. It is better to make but sparing use of sphagnum moss for surfacing the pots, as it is liable to bring a crop of the small shell snails, which raise havoc with the young flower stems as they appear. Wrap the base of each stalk in cotton-wool, as a preventive of their attacks. A night temperature of 50 to 52 degrees suits odontoglossums better in midwinter than one 5 degrees or more lower.

Cœlogyne Cristata.

The new bulbs of Cœlogyne cristata are now well made up and flower spikes are pushing from their bases, strong bulbs bearing two spikes in many cases. Though C. cristata requires a liberal water supply while growing and enjoys occasional doses of liquid manure, it should now have a much reduced supply of water—not, of course, to the extent of causing any shriveling of the bulbs. This orchid is one which dislikes a high temperature and no attempt should be made to force it into flower. The colder end of the cattleya house is the warmest location it should have in winter, while in summer it does better with the really cold orchids, such as odontoglossums and masdevallias. For general work, few orchids are as valuable as C. cristata, and as it is inexpensive and easily grown, any country florist able to grow a few varieties should include it. There is an extremely poor type, characterized by round bulbs, which flowers sparsely and carries small racemes of narrow-petaled flowers. There is a lot of this in cultivation, but it is of little value. The Chatsworthi type is the one to grow; this has long, oval bulbs and broad-petaled flowers, carried four to seven on a raceme. The variety C. cristata Lemoniana, with pale lemon lip, and C. cristata alba, pure white, follow the Chatsworthi variety in flowering and should always be included.

Pans and baskets are better for cœlogynes than pots. Fill these half full of broken crocks and let the other half be fern fiber, with some sphagnum and charcoal added. Raise the plants well over the tops of the pans. When breaking them up, use wire pegs to firm them. The plants will not flower much the year after being repanned, so it is not wise to overhaul the whole of the plants in one season.



SWEET PEAS DO NOT THRIVE.

I have some sweet peas, winter varieties, which, when sown in a bench in my carnation house in August, germinated satisfactorily, but when about two or three inches high they began to lose their leaves and wither away. I have resown them, and, although not so bad, they do not seem to thrive. The soil is a light, sandy loam, with a little lime added, and they have been carefully watered. I should be glad to receive any information on the subject.

S. J.

It is possible that the trouble may be in the seed rather than in the compost. If rather old, the seed may germinate but may never display much vitality. Try sowing the seed in flats of pure sand, and later pot the plants off singly, using sandy loam to which has been added some old hotbed manure or mushroom manure. Do not use any fresh manure. Avoid chemicals. Do not use any lime in the soil. This should not be necessary, and if used in excess it is much more harmful than helpful, as it releases the ammonia from the manure in the soil, leaving it much impoverished.

C. W.

SWEET PEAS TURNING YELLOW.

I am enclosing a couple of Christmas Pink sweet peas. Will you be kind enough to state what causes the back of the flowers at the top to come with a sort of yellow tinge on the edge of the pink? They will not bleach out in the sun and will not open right. I was troubled all of last winter in the same way. The white sorts do not do it so badly. Is it caused by fumigating? They were in good condition until about two weeks ago. They come all right in the spring of the year.

C. S. L.

The most likely cause of your trouble is a too low night temperature. This should be kept at 48 to 50 degrees as a minimum during winter, for plants that are flowering. The trouble is likely to be aggravated during long spells of cold, sunless weather, and if you can give a little more heat it will improve them. Do not force them in any way; temperatures of 55 degrees on dull days and 60 to 65 degrees as a maximum on sunny days are about right. Ventilate freely on every possible occasion. Do not use tobacco stems for fumigating. Tobacco dust answers well; also some of the nicotine papers. No scorching will result if these are used.

C. W.

Gretna, La.—B. M. Wichers and Miss Lulu Kuntz, the latter of Cincinnati, O., were married recently on one of Mr. Wichers' trips to that city.

SOIL AND THE FLORIST

SOME ELEMENTARY FACTS.

[A paper by Harry F. Good, of Springfield, O., read before the Springfield Florists' Club, December 11, 1911.]

Soil consists of the disintegrated material of the hard crust of the earth, mixed with decayed vegetable matter. This disintegration is effected partly by the chemical action of oxygen, carbonic acid and the other acid or alkaline substances brought by the atmosphere to bear upon rocks, and partly by the wearing action of water in a fluid state or in the form of glaciers, or by its bursting force when frozen in deep clefts.

Soils produced by running water, floods and tides, are found along the banks or at the mouths of rivers and are generally called alluvial soil. Those produced by glacial action are called drift soils. Both of these forms of soil are generally found at great distances from the rocks of whose disintegrated materials they are composed. By far the greater amount of soil has been formed by the weathering of rock under atmospheric influence and is generally found close to or overlying the rocks from which it has been produced.

Just beneath the stratum of earth which supplies nourishment to plant life is a mass of earth or rock which is unmixed with decayed vegetable matter and is known as subsoil. This subsoil may or may not be similar in its geological constitution to the soil, and, owing to the absence of vegetable matter, is generally lighter than the latter.

Fertile Soils From Barren Rocks.

Every species of rock has produced its soil, but the older formations, from their greater hardness and power to resist atmospheric action, produce, in proportion to their exposed surfaces, less soil than do the secondary or tertiary groups.

The fertility of the soil has no relation to the chronological succession of the strata of the earth's crust. Igneous rocks, or those produced by fire, generally produce a fertile soil, though such rocks seldom become thoroughly disintegrated. Metamorphic rocks, or those stratified rocks which, under pressure, heat, chemical action, etc., have changed from their original structure, as limestone to marble, furnish an extremely poor quality, as do also the Silurian systems. The Lias, Oölitic and Wealden systems produce clay soils of considerable fertility, but of the densest texture and an intractable character. Soils formed from the cretaceous or chalk group are variable in quality, but when mixed with sand or clay they display considerable fertility, their greatest fault being that of not sufficiently retaining moisture.

The Constituents of Soils.

Soils, however they may vary in their geological character, are all resolvable into a few elements; namely, the various compounds of alumina, iron, manganese, the four alkaline metals, the seven alkaline earths and the four organic, elementary substances. These eighteen bodies supply, singly or in combination, all the constituents necessary to the growth of plants, each of them having its own portion of the plant to sustain. The silica, or non-metal element, produces strength and rigidity in the stems. Alumina gives tenacity to the soil, thereby rendering it a stable support. Manganese perfects the seeds, iron absorbing oxygen and ammonia from the atmosphere and giving it up as required by the plant. Of these ingredients, silica, alumina and lime, along with the matter derived from organic bodies, constitute the bulk of the soil. The other ingredients exist only in minute quantity and hence is derived the common, quadruple division of soils into siliceous or sandy, argillaceous or clayey, calcareous or limy soils, and humus or vegetable mold.

The Editor is pleased when a Reader presents his ideas on any subject treated in

The Weekly Florists' Review

As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU

Mechanical Condition of Soil.

It is not sufficient that soil possess all the ingredients necessary for rendering it fertile, or that these ingredients are in a sufficiently pulverized state to enable them to be absorbed. There is, besides this, a mechanical condition necessary. A soil which possesses too great a proportion of silica is too little retentive of moisture, and has not sufficient texture to be an effective support of tall plants. A soil in which calcareous matter abounds is too dry, while one in which alumina predominates is generally too retentive of moisture, and a great excess of alumina renders soil so extremely tenacious as to be almost incapable of being reduced to a proper mechanical state. The soil which is the most perfect is composed of about equal proportions of silica and alumina and is known as loam; it is called sandy or clayey loam, according as the silica or alumina predominates.

Relation of Soil to Subsoil.

But the physical quality of soils does not wholly depend upon their composition. They are largely affected by the depth of the soil itself and the quality of the subsoil. Should the soil and subsoil both be retentive, or both porous, the ill effects of these states as to dryness or moisture are largely increased. If porous and retentive soils of good depth rest upon subsoils of a contrary nature, the defects of the former are, to a considerable degree, amended. Hence we see that the advantages and disadvantages of these conditions must, to a large extent, be judged by the prevailing character of the climates. A porous subsoil in a cold and moist district is generally preferable, and vice versa. Each class of soil, when it possesses proper chemical ingredients in quantity sufficient for the wants of plants and of a texture favorable to their growth, excels for certain species of plants. Clay loams are unequal for production of wheat and beans; sandy loams are suitable for barley, rye and root crops, while a combination is well suited for other cultivated crops or for permanent pasture.

Vegetable Mold, or Humus.

Besides the calcareous or marly soil, which is sometimes classed as sandy soil, we have the humous soil, which has characteristics all its own. It is not devoid of consistency, like the sandy soils, or retentive of moisture, like the clayey soils, but in its natural state is spongy, of a dark color, and when dry becomes inflammable. It consists wholly, or to a great extent, of vegetable matter and is found in perfection in the flat bottom lands of America, in our ancient forests and in the peat beds of many parts of the world. In its decomposed state it is the richest of soils, but in peat form it requires long and continued drainage and the application of decomposing agents before it can be rendered fit for use in the production of crops.

Improvement of Soil.

It may be plainly seen from the foregoing that the improvement of a soil is effected either by supplying the substance required by plants, by altering its depth and texture, or by removing excess or supplying deficiency of moisture. The first is done by the addition of manures to the soil, care being taken that the manure contains the proper ingredients and in such a condition as to be assimilated by the plants, either directly or indirectly through the soil and by the more thorough exposure of the soil to the action of the atmosphere. Thus, a soil which gathers a coat of leathery scum or moss over it is injurious to plant growth, because the soil in the pot can not properly come in contact with the properties in the atmosphere. The second form of improvement is effected by the mixture of marl or clay with sandy, chalky or peat soils, and of lime ashes or burned

clay with tenacious clay soils, or by mixing the subsoil with top soil if it differs in quality. This subsoil should be brought to the surface and exposed to the action of the frost. The third is accomplished by drainage and by sprinkling or irrigating.

[To be concluded.]

BOSTON.

The Christmas Market.

Everyone concedes that it was a great Christmas. Wholesalers, retailers and growers all are pleased, and that is saying a good deal. Never was December warmer than in 1911. This was a wonderful help to shippers, and to the plant growers it was a veritable boon. It has become somewhat hackneyed to say it was a plant Christmas, but certainly more of these were sold than ever, and about every plant specialist is tired, but happy.

Poinsettias were in great demand. The short, stocky ones were what people wanted. There was less call for the single plants in 6-inch pots. Azaleas sold well, there being a big call especially for the dwarf varieties, Mme. Petrick and Hexe. Lorraine begonias were rather overdone. The new Glory of Cincinnati was seen in quantity and sold well. As it is a better house plant than Lorraine, it will be more seen in 1912. The only objection to it is that the leaves are brittle and break in packing. Primroses, cyclamens, ardisias, cypripediums, berried hollies, aucubas, skimmias, Erica melanthera, solanums, Otaheite oranges, nephrolepis, crotons, palms and araucarias were leaders among plants.

Coming to cut flowers, there were some fine Beauties. The best easily made $12 per dozen. In Richmonds, some were offered with stems as long as ninety inches. The top grades of these were offered at $9 a dozen, but a more popular grade was that selling at $15 to $25 per hundred. In addition to Richmonds there were some fine Rhea Reids, which realized fancy prices. Killarneys sold well, but, as is usual at Christmas, White Killarney was rather hard to move. There was a steady call for Hillingdon, Ward, Waddell and Safrano, but no great advance in prices.

Carnations were not in as heavy crop as anticipated and sold remarkably well. Fenn, Beacon, Scarlet Glow, Victory, Octoroon and some fancy pinks made $12 per hundred, some a little more. White was, of course, the hardest to move, but from $6 to $12 were the ruling prices on carnations. Some whites and pickled goods had to go as low as $4. Violets made $1 and $1.50 per hundred. There was a heavy lot of sweet peas at $1 and $1.50 per hundred.

Valley made $3 and $4 per hundred, poinsettias $2 to $6 per dozen, cypripediums $8 to $12 per hundred, cattleyas $5 to $9 per dozen. Percivaliana making the lower price. Antirrhinum was extra fine at $4 to $12, and there was some splendid mignonette. Marguerites sold well, especially yellows. Paper Whites and stevia were each inclined to be druggy December 23. Yellow trumpet narcissi made $5 to $6 per hundred and tulips $4 to $5. There was some fine freesia at $6 to $8 per hundred. Gardenias were in fair supply. The best quality flowers made high prices. For asparagus there was a very heavy demand, also for adiantum and hardy ferns, while the call for wreathing was phenomenal.

Prices still held up well December 26, but continued mild weather will soon cause a drop.

Various Notes.

W. J. Thurston, the courteous manager of the Boston Flower Exchange, was the surprised but delighted recipient of a beautiful gold watch and chain December 23, subscribed for by the growers, salesmen and other habitues of the market.

W. C. Stickel, of Lexington, has extra fine carnations this season. His varieties are Fenn, Pink Delight, Lady Bountiful, White Wonder and Beacon.

The Montrose Greenhouses had an extra heavy cut of roses for the holidays. Three Killarneys, light pink, deep pink and white; Mrs. Aaron Ward, Perle, Richmond and Lady Hillingdon are their specialties.

Among the best of the late mums seen for Christmas were Intensity, Nonin and Enguehard from H. W. Vose, of Hyde Park.

H. M. Robinson & Co. were fairly swamped with business, which far exceeded all previous records. In addition to their heavy cut flower and plant trade, the demand for wreathing and other greens was enormous and taxed their resources.

W. A. Riggs, of Auburndale, had a beautiful lot of poinsettias for the holidays, as well as fine cyclamens, Lorraines and azaleas. He also had a good pick from his carnation houses.

Penn, on Bromfield street, hired two nearby stores for the plant trade. These additions, with a much enlarged main store, proved none too much space. Their plant trade was tremendous, due in considerable measure to heavy advertising in the daily papers.

W. D. Howard, of Milford, had a heavy holiday pick of high grade carnations. His varieties were Pink Delight, White Enchantress, White Perfection, Beacon and Fenn. The two latter realized top notch prices.

MacMulkin, on Boylston street, had his annual attractive scarlet window for Christmas. His plant trade was heavy.

Carbone's, on Boylston street, was a veritable hive of industry. In addition to a tremendous plant and cut flower trade, a heavy business was done in Italian ware, in which Mr. Carbone specializes. Some fine pink bouvardia seen here was grown near Philadelphia.

"Practically sold out of everything carrying a flower or berry," was the comment of H. H. Bartsch, of the W. W. Edgar Co. This firm had by far the heaviest Christmas trade on record.

The Waban Conservatories had a fine cut of high grade Beauties, as well as splendid Richmond, Killarneys, Hillingdon and other sorts. Mr. Montgomery is enthusiastic over Hillingdon and says it will produce ten flowers to one of Mrs. Ward.

The next meeting of the Gardeners' and Florists' Club will be January 23. Installation of officers will be followed by a fine entertainment. It will be ladies' night and regular business will be shortened as much as possible.

Welch Bros. had a banner Christmas business. Their only trouble was in being able to secure sufficient material with which to fill their orders.

A free exhibition of 400 photographs of the flora and scenery of western China, taken by E. H. Wilson on his last trip, will be held in Horticultural hall, December 27 to 31.

Albert Roper's new pink seedling carnation, resembling Pink Delight in color, but more in the style of Enchantress, realized the highest price of any of its color and equaled the finest scarlets. It makes an immense flower.

E. H. Borowski, of Roslindale, as a grower of Lorraine begonias is in the first rank. His plants this season were unusually fine.

The Rosary, on Boylston street, J. J. Casey proprietor, and Arnold & Petros, across the way on Huntington avenue, each had attractive window displays and a fine Christmas trade.

Sidney Hoffman's immense store on Massachusetts avenue was the Mecca for a host of buyers. Auto trucks were kept busy trying to keep up with the deliveries.

The H. E. Fiske Seed Co. did quite a business in Lorraines, azaleas, bulbous plants in pans and other seasonable flowers, the windows looking as attractive as those of the regular florists.

The Flower Growers' Sales Co. did a heavy Christmas business in all lines of flowers, plants and sundries. The finely equipped and convenient new salesroom at 1 Park street, is now completed and is found a great convenience.

W. N. Craig.

OBITUARY.

Victor Lemoine.

In the death of Victor Lemoine, at Nancy, France, December 12, the floricultural world loses one of its most venerable and venerated men, for M. Lemoine was 89 years of age and had, in his long life of gardening, developed more new and valuable varieties in more different families of plants than probably any other of the keen minds that have been turned in this direction. His tastes were cosmopolitan and, taking up first one genus and then another, he wrought wonder after wonder. To catalogue even a small part of the plants raised by him and put in commerce by his firm would give these pages the appearance of a botanical dictionary — they number many hundreds and include some of the most important plants in the American trade today. Of these may be mentioned Begonia Gloire de Lorraine. The gladiolus received a large share of his attention, as did the begonia, clematis, deutzia, lilac, peony, hydrangea, weigela, delphinium, pyrethrum, pentstemon, streptocarpus, mimulus, spiræa, pelargonium, abutilon, lobelia, primula, montbretia and many more.

Victor Lemoine was born at Delme, France, October 21, 1822. His ancestors for generations back had been gardeners. After completing his education at Vic-sur-Seille he devoted several years to traveling and then worked successively for Bauman, at Bollweiller, Louis Van Houtte, at Ghent, and Miellez, at Lille, France, and in 1850 established himself in a small way as a florist and landscape gardener at Nancy. There he was a member of the town council from 1871 to 1888. June 13, 1885, he was made a knight and April 3, 1894, an officer of the Legion of Honor. He was a member of all the great international horticultural bodies and was the first foreigner to receive the Veitch Medal of Honor from the Royal Horticultural

Society of Great Britain. Only a few weeks ago the trustees of the Massachusetts Horticultural Society awarded him the George Robert White Medal of Honor for the current year, as the person who has done the most during the year or in recent years to advance the interests of horticulture in its broadest sense.

NEW YORK.

The Market.

It was the banner Christmas of all the years, from the retail florists' standpoint. From Saturday morning until Monday night there was no cessation of activity, and when the evening shadows fell December 25 there was nothing much left to sell. The weather was perfect and so mild that plants were delivered without wrapping. Flowers of every kind were purchased at reasonable rates and, with the exception of a few sleepy carnations and colorless roses, the stock offered by the wholesalers was superb.

Business in the wholesale market was dull indeed until the Friday before Christmas. Prices were discouragingly low. The advance then began, and yet values never went beyond reasonable levels and there were no complaints, by the buyers, as in other years. American Beauties sold at the retail stores at $25 a dozen for the best. The finest Richmonds retailed at $12 and Killarneys and the new varieties of roses at $10. From these levels down to about the basis of any good Saturday during the winter season the cut flowers were distributed. The plant trade was enormous. The usual combinations in baskets, boxes and hampers were in evidence. Even palms and ferns sold well. Azaleas were all disposed of. There was nothing left in plants to sell by noon of Christmas, and the demand for cut flowers continued to the end.

The new roses were especially popular and the supply far too small for the demand. All the choice carnations sold at good figures, the red varieties especially so, while Enchantress and the Wards were not far behind. There was not much sleepy and common stock, the most of the shipments being creditable and profitable to the growers.

The variety and quality of the orchid shipments has never been excelled at this season. Prices were held at a reasonable figure, and nothing much was left. Gardenias were in great demand and the best stock was firm at $50 per hundred. There were a few mums, as anticipated, and these were speedily sold at good prices. The usual flood of narcissi, hyacinths, stevia, daisies, wallflowers and mignonette appeared and sold slowly at no increase above the regular prices. Lilies never went above 10 cents, and most of the supply sold at from 6 cents to 8 cents, while 4 cents was top for valley. Violets found a resting place at 75 cents, few selling above that figure. The supply was abundant and the tendency of everything immediately after Christmas, as usual, is toward a lower level.

The plantsmen everywhere announce a complete and satisfactory clean-up. Their prices were reasonable and the local demand absorbed nearly everything they had to offer. Because of this out-of-town shipments were light. The remarkably mild weather was worth many thousands of dollars to the growers, in the light cost of packing and delivery.

All things considered, the Christmas of 1911 may be put on record as the best this city has ever known.

Gardeners' Reunion.

The reunion of the gardeners, old and new, at Thum's, December 21, proved a great success, over 100 attending, many from up the Hudson, from Long Island and as far south as Philadelphia. Nearly everybody bowled from 3 p. m. to 8 p. m., at which hour the call to dinner was sounded. Glen Cove beat Elberon in a bowling match, 758 to 745. Prizes for the highest scores in three games were open to all, and the arrangements of the committee, Messrs. Manda, Marshall and Donlon, were perfect. Prizes were donated by C. H. Totty, Revere Rubber Co., Carroll Elliott, Rickards Bros., Joseph Manda, W. E. Marshall & Co., Burnett Bros., Aphine Mfg. Co., and others. Everybody took part in the contests and bowling continued after the banquet until nearly "sun up" in the morning.

Letters of regret were read from Messrs. Watson, Henderson, Fordham and O'Mara. John Everett was made chairman of the committee, having in view a yearly reunion of a similar character. Ex-president Bartholomew was in the chair and called on Charles Weathered to act as toastmaster. Mr. Weathered was in his happiest mood and kept everyone good natured with his witty sallies: The toasts were:

"The S. A. F.," responded to by C. H. Totty.

"The Old Guard," responded to by Ex-president John Shore.

"The Gardeners," responded to by Wm. Scott, of Elmsford, and Wm. Duffy, of Glen Cove.

"The New York Florists' Club," responded to by Jos. Manda.

"The Press," responded to by J. A. Shaw and W. E. Maynard.

Other speakers were Messrs. Logan, Robertson, Everett, Donlon, Griffin, Gommersell and Duff. The Rickards brothers and W. E. Marshall sang sweetly, and Frank McNichol, of Cedarhurst, made music with the bagpipes.

Various Notes.

The men who make a specialty of Christmas trees, roping, holly and wild smilax have had a wonderful season. The evergreen decorations of the store fronts by the Kervan Co. and Cotsonas & Co. were practical illustrations of possibilities that bore much fruit. Holly became scarce as the week advanced and prices boomed for anything of quality.

Siebrecht & Siebrecht had on exhibition two new roses which they call Siebrecht's Yellow and My Sweetheart, the latter a small and modest pink, especially suitable for debutantes, they say, and resembling Bon Silene.

The rose and carnation conventions at Detroit will see a large representation from New York and vicinity, the party leaving at 5 p. m., Tuesday, January 9, by the Wolverine express on the New York Central.

E. G. Hill and Elmer Smith, while in the city before Christmas, were the guests of Chas. H. Totty, who initiated them in the mysteries of the great white way.

J. K. Allen disposed of several hundred poinsettias in pans and pots for Christmas. His Richmond roses, grown by Robert Schultz, Madison, sold at high water mark, 50 cents each being paid for the best of them. Bobby sent over 3,000 of all grades to the market.

The sympathy of the trade goes out to the family of Frank Petroviski, whose sudden death occurred last week following an operation for appendicitis.

The Geller Florists' Supply Co. shortly will remove to much larger quarters. Mr. Geller says this has been made necessary by the rapid increase of his business during 1911.

Lord & Burnham Co. has the contract for five houses 33x150 at Albion, N. Y., and four houses of similar size at Medina, N. Y., for the Bert Olney Canning Co., of Oneida, these to be devoted to the growing of tomato plants during six months of each year, and to cut flowers, probably chrysanthemums, the balance of the time.

The Greater New York Florists' Association, of Brooklyn, will have its second annual dinner early in February. The committee appointed includes Hugo Jahn, R. G. Wilson, Geo. Laird, J. H. Van Mater and Wm. A. Phillips.

J. F. Marsden, of Far Rockaway, sails for England January 10. His mignonette and carnations are handled by Badgley, Riedel & Meyer.

J. J. Coan, manager of the Growers' Cut Flower Co., is greatly alarmed over the illness of his mother, at her residence, Short Hills, N. J.

At the great poultry exhibition in Madison Square Garden last week the Stumpp & Walter Co. made one of the most elaborate displays, including everything required in the hen raising business, from food to incubators, several of the latter giving practical demonstration of their utility, new live chicks appearing every hour while the exhibition lasted.

Walter Mott, representing Wm. Elliott & Sons, is making a canvass on Long Island this week.

R. G. Wilson, the Brooklyn retailer, says this was the best Christmas he ever has known, not only for himself but for every retail florist in the City of Churches. His best selling carnation was Brooklyn, in the general dissemination of which he retains a one-third interest with Messrs. Totty and Weber.

The wholesale florists in Brooklyn were completely sold out at noon on Christmas.

Gunther Bros. had their usual side line for the holidays and disposed of several hundred cases of selected holly, realizing from $4 to $5 a case. They say they could have disposed of double the quantity.

Lecakes & Co. had a force of nearly fifty busy day and night on holly wreaths and laurel and pine roping and disposed of every yard of it.

William Kessler's daily sales during Christmas week averaged four figures in blooming plants and Dreyerii ferns, in addition to the cut flowers.

Charles Millang says it was the best Christmas in twenty-five years.

Woodrow & Marketos are much elated with their first Christmas, and disposed of a tremendous lot of plants.

Lion & Co. have removed to 213 Fourth avenue, where they have greatly improved facilities in the new wholesale silk district.

The prize bowling contest for a Christmas turkey was postponed and a handicap match for a bottle of Scotch medicine took its place December 22 between Messrs. Holt, Chadwick, Kakuda and

Scott. Holt carried off both the honors and the bottle. J. Austin Shaw.

...NEWS NOTES...

East Hartford, Conn. — Frank W. Richardson is seriously ill at his home, having recently undergone an operation, but is said to be doing as well as could be expected.

Des Plaines, Ill.—C. C. Wakeling, formerly with Hoerber Bros., has taken the position of foreman for the Kemble Floral Co., at Oskaloosa, Ia., and has moved his family there.

Adrian, Mich.—Wm. Wickham reports that Christmas trade was good. Wreaths of all kinds sold out by Sunday night. The supply of holly and boxwood was sold out early. The demand for potted plants was about the same as last year.

Bridgeton, N. J.—Theodore E. Edwards has secured temporary quarters for use as a salesroom until the store he occupied before the fire can be put in suitable condition. His holiday trade was continued without interruption.

Iola, Kan.—John W. Primmer, on East Lincoln street, added two new houses, each 21x112, last summer, and is using them for carnations. In his other houses he grows a general stock. There is a ready sale here and in the neighboring towns for all his output.

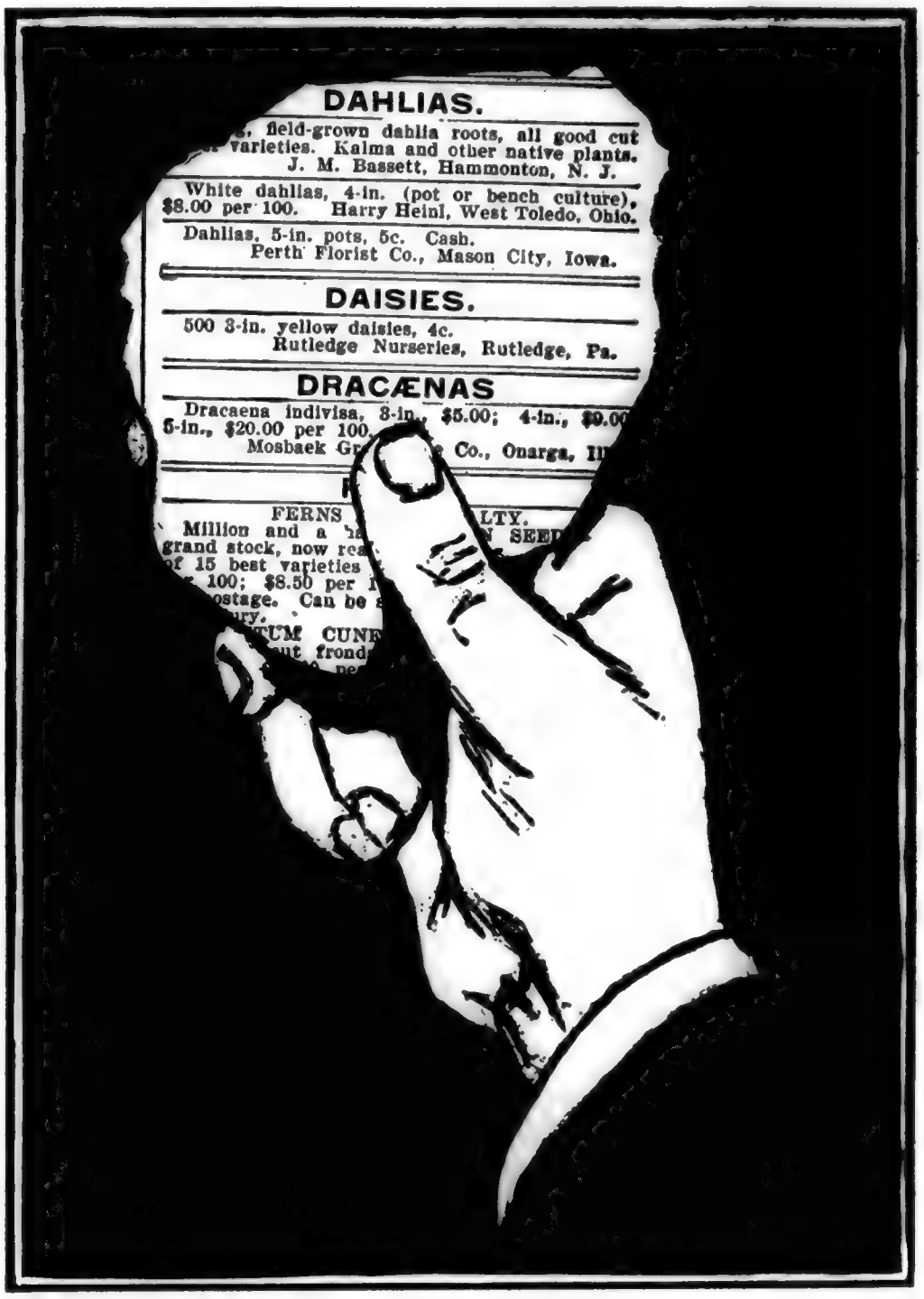
Beardstown, Ill.—Frank Bros. say that business has been dull through the autumn in every branch of the trade, but that it is improving now, especially in funeral work. The chrysanthemums were fine this year, but met with a slow sale all the way through in the cut flower line, though the pot plants moved a little better.

Falls City, Neb.—Simanton & Pence have two houses of roses that are especially fine. Their stock includes some Bride, Maid and Ivory, but they expect to omit these three varieties next season and grow the two Killarneys instead. Besides the roses, they grow a general line of stock and they have a total glass area of about 25,000 square feet.

Hutchinson, Kan.—Geo. M. Schurr, of Schurr's Greenhouses, is much pleased with the heavy volume of trade. He has increased his area of glass this season. He has also built a brick smokestack and remodeled the heating system. Though he began business here with a small capital only four years ago, the value of his present establishment proves that his income has been good from the start.

Buffalo, N. Y.—It is stated that Frank P. Baum, the aged Kingsley street florist who died under peculiar circumstances in the Dudley House, in Salamanca, November 17, was robbed of $6,000 on the night of his death and was probably poisoned. Accordingly, a warrant was issued for the arrest of the alleged thief, but at last report he had disappeared and the detectives in charge of the affair had found no clew to his hiding place. Frank J. Baum, who now has the management of the wholesale business once conducted by his father, is pushing the prosecution of the case.

These Are the Little Liners That Do the Business



Lexington, Ky. — Miss Fannie D. White sold 1,500 poinsettias for Christmas and could have used quite a few more. The holiday business was quite the best ever.

Missoula, Mont.—December 21, just in time for the Christmas trade, the R. & S. Flower Store was formally opened. The proprietors are Miss E. Reimers and F. X. Scully.

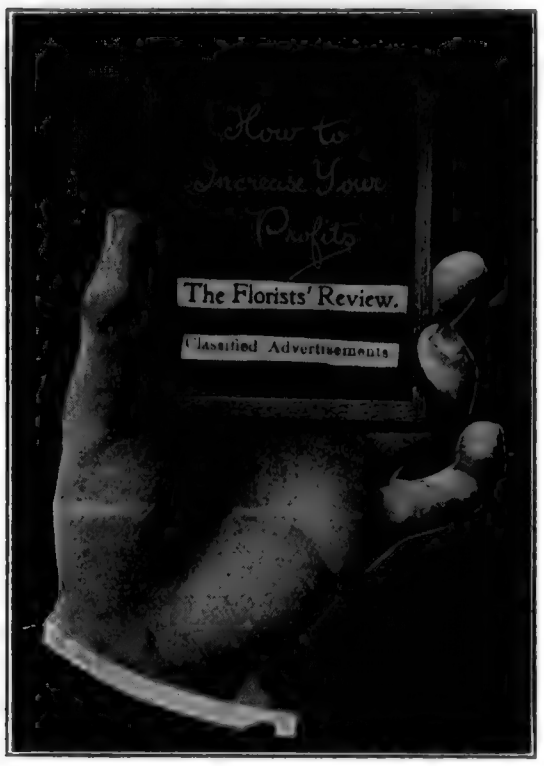
Baraboo, Wis.—E. T. Ross, though he has been in business here only a few months, has already won a good amount of patronage. He has a neat new greenhouse and office at the corner of East and Eighth streets and a store on Oak street. His boiler is large enough to provide heat for more houses when they are needed.

Cold Spring, N. Y.—J. S. Cunningham says he will never again defer the planting of his carnations to give place for mums, though the demand for the latter was entirely satisfactory. His crop of Enchantress was in fine shape for the Christmas rush. In addition to performing the office of sexton and undertaker, Mr. Cunningham has just been elected chairman of the board of assessors.

Sedalia, Mo.—The Archias Floral Co. has fitted up a cut flower department in the store of the Archias Seed Co., having put in a handsome McCray refrigerator. Two new 25-foot greenhouses have just been completed at the range at tne edge of town.

Cleveland, O.—The J. M. Gasser Co. reports having the best Christmas trade in ten years, but could not get enough pink and red roses to meet the demand. Everything cleaned up well except violets, which dragged a little and had to be forced, although the stock was exceptionally fine.

Haverhill, Mass.—More than $10,000 loss was sustained by Charles H. Kaulbach in a fire that destroyed his home, leveled a large barn to the ground and burned the heating plant and part of his large greenhouses December 11. The fire started in the steam-heating plant in a small building connected with the greenhouses, and it is supposed was caused by an overheated boiler. The wind was blowing from the west at the time and this kept the flames away from the greenhouses, in which there were many valuable plants, the stock being valued at $5,000.



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SOCIETY OF AMERICAN FLORISTS.

Incorporated by Act of Congress, March 4, 1901.
Officers for 1911: President, George Asmus, Chicago; vice-president, R. Vincent, Jr., White Marsh, Md.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, W. F. Kasting, Buffalo, N. Y.
Officers for 1912: President, R. Vincent, Jr., White Marsh, Md.; vice-president, August Poehlmann, Morton Grove, Ill.; secretary, John Young, Bedford Hills, N. Y.; treasurer, W. F. Kasting, Buffalo, N. Y.
Annual convention, Chicago, Ill., August 20 to 23, 1912.

Results bring advertising.
The Review brings results.

That 1912 may be as good a year as 1911 is as much as most of us need hope.

Let the public know that New Year's flowers do not cost so much as Christmas flowers cost.

New Year's is the cut flower day. The plants were sold at Christmas and are out of the running.

Now for Easter, but let's not look so far ahead we neglect to push a little in the interval. Really, it's the steady business that counts.

They will tell you that the automobile has added to the complexity of life. Well, so has it made a new use for holly wreaths—fine little ones to hang in the limousine's windows.

Not a few subscribers save themselves the bother of annual renewal by sending The Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

You all have heard the retailers complain at having to work day and night before a holiday—but did you ever hear what the man said whose trade that year didn't require any night work?

The shortest day of the year was December 22, nine hours and fifty-five minutes, but the next day's greater length was imperceptibly longer so far as the florist was concerned. Ironical, isn't it, that the busiest days of the year also should be the shortest?

CLEAR YOUR SURPLUS.

It is extravagance to let small surpluses go to waste—they easily can be turned into cash by means of an inexpensive advertisement in The Review.

The two-liner did the biz all right. Sold out the bulbs and it is taking a lot of time to answer correspondence from those whose orders I can not fill.—S. C. Mellinger, Calla, O, December 26, 1911.

The Annual Proceedings and Bulletin of the American Rose Society for 1911 has been received from the secretary, Benjamin Hammond, Fishkill, N. Y. It is a well printed and freely illustrated volume of ninety-six pages and contains the report of the rose society's participation in the National Flower Show at Boston last March, the papers read at the annual meeting, a list of members, list of registrations and the preliminary premium list for the Detroit exhibition, not to speak of some poetry on the rose that evidently appealed to the estimable and indefatigable secretary.

DATE OF EASTER.

The date of Easter, 1912, is April 7. Paste it in your hat.

WHY FLOWER SHOWS FAIL.

You ask "what is the matter" in reference to lack of interest in flower shows.. I will answer: It is because the succession of beautiful displays in retailers' shop-windows furnish the public with a free, continuous flower show of great merit, even in the smaller cities. Orchids, roses, begonias, carnations and many other floral treasures are set before the people daily as they pass the florists' windows. Anyone may go in and out a dozen times a year and study one floral wonder after another as it promptly appears in its season.

Homer Reed.

CHICAGO.

The Great Central Market.

Taking it by and large, the Christmas of 1911 can be recorded as one of the most generally satisfactory in the history of the Chicago wholesale cut flower market. Supply and demand were much more evenly balanced than in the last two years. The only conspicuous shortages were of Beauties, Richmonds and red carnations, the only surpluses small white carnations, Paper Whites, Romans, lilies and such unimportant items; white carnations were in much smaller surplus than usual and White Killarney cleaned up without serious difficulty. While some houses found it necessary to shade prices on white, the regular Christmas rates held right through much better than in recent years; there was nothing like the eleventh hour collapse of the last two Christmases.

It is just a little early to make comparisons with previous years as to money value of sales. While good average prices right through the three or four days of heavy selling insure an excellent money total, still the highest record usually is made in times of abundant supply, when every buyer's ideas can be met, when the salesmen can keep selling, selling, selling—and even have a little left to sell. While few houses handled as many flowers as last Christmas, still the better average prices make sales compare, on the whole, not badly, and probably the increase is as great as the increase in glass since last December.

The weather conditions for the ten days preceding the rush were unfavorable to the production of stock, so that roses and carnations were not so plentiful as had been expected. It is estimated that Beauties numbered about half last year's record supply.

New Year's

Time to Turn Over a New Leaf If You Haven't Bought of Us In 1911

Why be satisfied with anything but the best? The quality of the stock we handle is the marvel of the market. And we have quantity of everything the trade requires in quantity. If you have not dealt with us, why not open an account for 1912? Write us about it TODAY.

BEAUTIES

We Filled Every Order for Christmas

We have the patronage of the most critical buyers—the stores that handle nothing but the best. Wouldn't YOUR trade appreciate our grade of goods? A large cut for New Year's. Plenty of medium and shorter stems.

VIOLETS

Supply and Demand Both Center Here

Those who know this market recognize our house as Violet headquarters. Single or double, you will need a big lot of Violets for New Year's Day. You will get the cream of the crops if you order of us.

Orchids

Our Cattleyas are of the very choicest quality. If YOUR trade knows Orchids, you should show these.

Valley

Call on us for all the Valley you need—we always have it. Why not place a standing order?

KILLARNEYS

White and Pink

These are in good crop and we can supply as fine stock as this market ever saw, in quantity, for New Year's and for weeks to come. In fact, we never have been so well fixed to fill all orders as we shall be this January.

CARNATIONS

We have a heavy cut of Carnations, and the quality is right up to top notch—no danger of not getting your order filled if you send it to us.

Open all day Sunday, Dec. 31

New Year's Price List

ORCHIDS		Per doz.
Cattleyas	$9.00 @	$12.00
Percivaliana	7.50 @	9.00
Cypripediums	2.00 @	2.50
Dendrobiums	6.00 @	7.50

AMERICAN BEAUTY		Per doz.
Extra long stems		$8.00
Stems 30 to 36 inches		6.00
Stems 24 inches		5.00
Stems 12 to 20 inches	$3.00 @	4.00

ROSES		Per 100
White Killarney, special		$15.00
" " select	$10.00 @	12.00
" " seconds	6.00 @	8.00
Killarney, special	15.00 @	20.00
" select	10.00 @	12.00
" seconds	6.00 @	8.00
Richmond, special		25.00
" select	12.00 @	15.00
" seconds	6.00 @	10.00

Extra special roses billed accordingly.

CARNATIONS		Per 100
Common		$4.00
Select, large and fancy	$5.00 @	6.00
Fancy red		8.00

MISCELLANEOUS		Per 100
Poinsettias....doz., $2.00 @ $4.00		
Violets, New York double	$1.25 @	$1.50
" single	1.25 @	1.50
Easter Lilies	12.50 @	15.00
Valley, seconds		3.00
" select		4.00
" special		5.00
Daisies, white and yellow	1.00 @	2.00
Sweet Peas	1.00 @	1.50
Bouvardia	4.00 @	8.00
Stevia	1.50 @	2.00
Paper Whites	2.00 @	3.00
Romans	2.00 @	3.00
Mignonette	6.00 @	8.00
Trumpet		5.00
Freesia	4.00 @	6.00

DECORATIVE		
Asparagus Plumosus..per string,	.50 @	.75
Asparagus Plumosus..per bunch,	.35 @	.50
Asparagus Sprengeri.. "	.25 @	.50
Adiantum, fancy, long ...per 100,	1.00 @	1.50
" medium..... "	.50 @	.75
Smilax.....per doz.,	$1.50	10.00
Mexican Ivy .....per 1000,	6.00	.75
Ferns..... "	2.00	.25
Galax..... "	1.25	.15
Leucothoe Sprays		.75

Store open from 7 a. m. to 6 p. m.
Subject to market changes.

E. C. AMLING CO.

The Largest and Best Equipped Wholesale Cut Flower House in Chicago

68-70 E. Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central.

Studebaker

DELIVERY WAGONS

Are Made in Many Styles Particularly Adapted to Your Business.

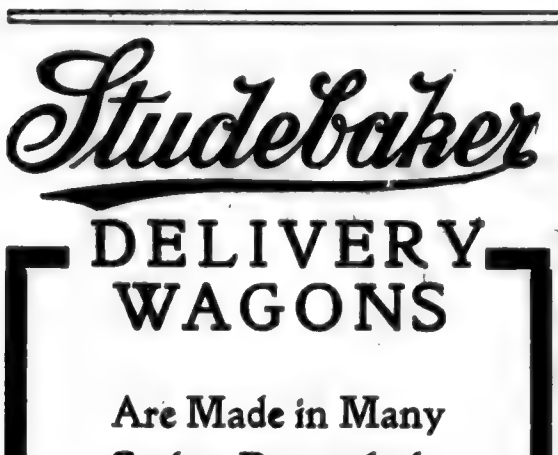
Our catalogues and prices will interest you and help you make your selection.

DO YOU WANT THEM?

THE STUDEBAKER CORPORATION

SOUTH BEND, IND.

Advr. No. 1514.



Mention The Review when you write

WIRED TOOTHPICKS

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000.....$1.75 50,000.....$7.50

Sample Free. For sale by dealers.

Mention The Review when you write.

Superior Crimped Invisible Carnation Staple

For repairing split carnations. 1000 for 50 cents. Postpaid. Sample free. Special prices to jobbers.

WM. SCHLATTER & SON 422 Main St. Springfield, Mass.

Always mention the Florists' Review when writing advertisers.

Most houses were short and the few that had a surplus above orders saw no necessity of making much concession to other wholesalers, and many orders were shipped short. Considerable quantities of New York and Pennsylvania Beauties came in and the good ones sold well at prices a shade below what was asked for local stock. Richmond never has been in such large supply for Christmas, but there was nowhere near enough to go around. Killarney, which some of the wholesalers substituted to the extent that they cut the Richmond orders, was just about equal to the market's needs, such price cutting as was reported probably having had some special purpose. White Killarney was a little long. Some houses cleaned up at close to listed prices, but others found it expedient to make concessions. No other rose was in sufficiently large supply to call for special comment.

Red carnations were, as always at Christmas, short of the demand, even at the price, and there was no surplus of Enchantress, some orders going out short because stock was not to be had at the moment. There are various reports as to white. Some were short of the fancy grade and say they could not pick them up. Others had called in, early in the week, all the white they could, and got them out of the way. Yet others had more small whites than there was demand for, making some cheap sales to clear, or even carrying over from the shipping days, when clearances usually are the most complete. Thus the report on carnations depends altogether on who is talking. Such carnations as were carried over to December 26 cleaned up at fair prices.

Violets are an unimportant item with a majority of the houses, but a decidedly important one with several. Reports are various and yet more or less in accord. Most of the violets go to big users, one local store taking 65,000 from one house. They did not pay so much as last year. One large buyer asserted he did not pay over $10 per thousand for singles. It is said small sales of doubles were made as low as 50 cents and there were plenty of sales at 75 cents, but the quality was in keeping with the price. Doubles were extremely poor, many rotted and mostly shakers. While a few sales of specials were made at $2, the bulk of the doubles sold at $10 to $15 per thousand. Singles were of better quality and made better prices, on the average, but few sales in quantity were above $1.50 per hundred.

Poinsettias were more abundant than at any previous Christmas, some extra fine, some cut from pans that had turned out unsalable. On the better grade excellent values were offered, but beyond what are called for by advance orders poinsettias are a rather difficult proposition. The stevia sold would have loaded a hayrack. Cattleyas were only slightly short of the demand, at the price. Lilies were not wanted. Valley just about cleaned up. Paper Whites and Romans were moved with difficulty if at all. A little freesia came in, but the buyers balked at fancy figures. Sweet peas were fewer than had been expected, because of dark days. Mignonette and bouvardia sold well when good.

One of the specially notable features was the high quality of the stock

WEILAND & RISCH

WHOLESALE GROWERS AND SHIPPERS

SHIPMENTS EVERYWHERE — CUT FLOWERS — IMMEDIATE DELIVERIES

154 NO. WABASH AVE CHICAGO

PHONE CENTRAL 879

NEW YEAR'S PRICE LIST

AMERICAN BEAUTIES	Per Doz.
Extra long stems	$8.00
30-inch stems	7.00
24-inch stems	6.00
20-inch stems	4.00
18-inch stems	3.00
15-inch stems	2.00

ROSES

	Per 100		
Killarney—			
Specials	$12.00	@	$15.00
Firsts	8.00	@	10.00
Seconds	5.00	@	6.00
White Killarney—			
Specials	12.00	@	15.00
Firsts	8.00	@	10.00
Seconds	5.00	@	6.00
Richmond—			
Specials	15.00	@	20.00
Firsts	12.00	@	15.00
Seconds	6.00	@	8.00
Antoine Rivoire (Mrs. Taft)—			
Specials	$18.00	@	$20.00
Firsts	12.00	@	15.00
Seconds	8.00	@	10.00
Melody—			
Specials	12.00	@	15.00
Firsts	8.00	@	10.00
Seconds	6.00	@	8.00

MISCELLANEOUS

Carnations—			
Specials			$6.00
Firsts			5.00
Seconds			4.00
Poinsettias—			Per Doz.
Specials			$5.00
Firsts			4.00
Medium			3.00
	Per Doz.		
Gardenias	$5.00	@	$ 6.00
Orchids—			
Cattleyas	9.00	@	12.00
	Per 100		
Easter Lilies	$12.00	@	$15.00
Valley	4.00	@	5.00
Violets, Double	1.25	@	1.50
Single	1.25	@	1.50
Daisies—			
W. and Y	1.50	@	2.00
Sweet Peas	1.50	@	1.75
Mignonette	5.00	@	8.00
Stevia, Fine	2.00	@	3.00
Snapdragon, Y. and P.	8.00	@	10.00

DECORATIVE

Smilax—
Strings, 100, $12.00; doz., $1.50
Sprengeri, large bunch, ea., 40c
Asparagus, large bunch, ea., 40c
Large string ea., 50c @ 60c
Mexican Ivy, 1000, $6.00; 100, 75c
Adiantum, fine, 100, $0.75 @ $1.25
Galax 1000, $1.50; 100, 20c
Ferns.....1000, 2.00; 100, 25c

Quotations subject to change without notice.

Store open from 7 a. m. to 6 p. m. Sundays and holidays closed at noon.

Weiland & Risch

154 N. Wabash Avenue

CHICAGO

Mention The Review when you write.

For New Year's

Wire or Phone and we Ship at Once

We are well supplied with all kinds of Cut Flowers for the New Year's trade and the opening days of 1912. Don't let business get away because of lack of stock. Call on us.

Beauties
Our stock is fine and we have a large cut. Can take good care of all orders.

Killarneys
Christmas buyers agreed that OUR Killarneys were the finest in Chicago. A big cut is on for New Year's.

Violets
Encourage the good old fashion of sending boxes of Violets at New Year's. Show 'em; they'll sell.

Freesia Purity, pure white, extra fancy stock, $6.00 to $8.00 per 100.

Carnations
A big cut is on. Send along your orders. You will be pleased with the treatment we shall give every call.

Stevia
Order enough for the New Year's boxes—You know you will need a lot of it. Ours is fancy stock.

Valley
We always can furnish Valley, New Year's as well as other times. None better. Let us add some to your order.

White Lilac ready about January 6.
Our usual fancy stock. Get your orders in. $1.50 per bunch.

A complete stock of Florists' Supplies

After by far the largest business we ever have done in Florists' Supplies we still have a complete assortment of all staple articles and the novelties (except some of the Christmas specialties) and can make quick shipments. It's especially important that you have

Cut Flower Boxes, Violet Boxes, Corsage Ties, Ribbons, Etc.

Go over your stock and send a rush order for anything that's low. Don't miss sales or displease customers. Stock up again at once.

A. L. Randall Co.

Everything for Florists, L. D. Phone Central 1496 Private Exchange all Departments **66 E. Randolph Street, Chicago**

Mention The Review when you write

PERCY

Not the Oldest
Nor the Largest
Just the Best

56 East Randolph Street, CHICAGO

JONES

Mention The Review when you write.

this Christmas, aside from the double violets. There was scarcely anything that showed the marks of pickling. It certainly was the market's best record in this important respect.

December 24 and 25 were ideal for the retailers, so far as weather goes, and had a great deal to do with the satisfactory clean-up that was made. All the retailers seem satisfied. Most of them say the business started early and stayed late, many keeping going till well along in the evening of December 25.

Everything was cut so close last week that not much came in the morning after Christmas. After two beautiful days the weather had turned dark and rainy, but it was thought by most of those in the market that when the growers got down to business there would be a good cut ready. In days of old prices held at the Christmas level until after New Year's—but they don't any more. They promise to do better this week than they did last year and a good New Year's market is expected, for New Year's rapidly is coming

YOU DO THE SELLING—WE SUPPLY THE STOCK

THE STOCK THAT MAKES EASY SELLING FOR YOU

In 1912, as always, the interests of our patrons will be our first consideration. We take more pains than any other house in Chicago to see that every order is filled exactly as wanted. We have all leading varieties of Roses and Carnations, and all other stock in season.

ZECH & MANN, WHOLESALE FLORISTS L. D. Phone, Central 3284 162 N. Wabash Ave. Chicago

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into its own again as a flower day; it will be a big flower day as soon as the public finds out how prices fall after Christmas.

Various Notes.

James Dempsey, who was 19 years of age and had worked for Andrew McAdams for about four years, died December 20, after a short illness with pneumonia. The funeral was held December 23.

It will surprise a good many wholesalers to learn that the store that probably is the largest buyer in this market says Christmas stock, on the average, did not cost quite so much as last year. It was practically all ordered in advance, the buyer not visiting the market from December 19 to 26.

Fire attacked the Buckingham place houses of the George Wittbold Co., Thursday afternoon, December 21, when the Christmas rush was at its height. A house of Boston ferns was completely destroyed and one of the boiler sheds was badly damaged. The heating apparatus escaped without serious injury, however, and the stock in all the other houses was saved. The loss was about $1,500, with no insurance. The cause of the fire is unknown.

The Des Plaines Floral Co. has installed a new water supply system, using a gasoline engine for power.

A. Henderson & Co. are this week closing their first year of business, more than satisfied with the progress made.

It is expected that quite a party will go to Detroit on the night of January 9, to attend the rose and carnation show. P. J. Foley, chairman of the club's transportation committee, doubtless will have an announcement to make in due time.

O. Johnson, of the Batavia Greenhouse Co., has been ill for several days, but staid by the ship until the Christmas rush was over, after which he laid off at his home at Batavia for a few days.

C. M. Dickinson and C. L. Washburn each spent the late hours of Saturday night in decorating churches to which they donate the Christmas greens, one at Park Ridge and one at Hinsdale.

Ed Benthey was one of the Christmas extras at C. A. Samuelson's, where a big business was done.

The engagement is announced of Miss Ella Schafer and George Gobel. Miss Schafer is with Bassett & Washburn and Mr. Gobel is the market representative of the Adams Express Co.

H. Van Gelder says the Percy Jones Christmas was far ahead of any other, though stock and orders have dovetailed better, the shortage being roses and the surplus small white carnations.

Now that the Christmas rish is over, Kennicott Bros. Co. is preparing to re-

WESTERN ORCHIDS

Chas. W. McKellar 162 N. Wabash Avenue, CHICAGO

Headquarters

NEW YEAR'S PRICES

ORCHIDS			
Cattleyas, Trianae	Per doz.,	$9.00 @	$12.00
" Percivaliana	"	7.50 @	9.00
Cypripediums	"		2.00
Dendrobium Formosum, white	"	5.00 @	6.00
Oncidium, yellow	"		5.00
Boxes assorted Orchids, $5.00 and up.			
AMERICAN BEAUTY—Specials,	Per doz.,		8.00
36-inch	"		6.00
30-inch	"		5.00
24-inch	"		4.00
20-inch	"		3.00
15 to 18-inch	"	2.00 @	2.50
Shorter	"	1.00 @	1.50
Killarney	Per 100,	5.00 @	12.00
White Killarney	"	5.00 @	12.00
My Maryland	"	5.00 @	12.00
Richmond	"	5.00 @	12.00
Mrs. Field	"	5.00 @	12.00
ROSES, our selection	"		5.00
" extra special, select	"		15.00
CARNATIONS			
Select	Per 100,	3.00 @	4.00
Fancy	"	5.00 @	6.00
MISCELLANEOUS STOCK			
Gardenias	Per doz.,	6.00 @	7.50
Valley	Per 100,	3.00 @	4.00
Easter Lilies	"	10.00 @	12.50
Violets, double		1.00 @	1.50
" single		1.00 @	1.50
Sweet Peas		1.00 @	1.50
Paper Whites		2.00 @	3.00
Romans		2.00 @	3.00
Stevia			1.50
Mignonette		6.00 @	8.00
Bouvardia		6.00 @	8.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 @	.60
Asparagus Plumosus	Per bunch,	.35 @	.50
Asparagus Sprengeri	"	.25 @	.50
Adiantum	Per 100,	.75 @	1.00
Farleyense	"		12.00
Smilax	Per doz.,	$1.50	
Mexican Ivy	Per 1000,	6.00	.75
Ferns	"	2.00	.25
Galax, green	Per 1000,		1.00
" bronze	"		1.00
Leucothoe	Per 100,		.75
Wild Smilax	Per case,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Subject to market changes

ORCHIDS—SPECIAL

We have an unusually large and fine supply of that splendid orchid, Cattleya Trianae. Also a large crop of Percivaliana at lower prices.

CHAS. W. McKELLAR
162 N. Wabash Avenue, CHICAGO

Mention The Review when you write.

New Year's

We shall do our part to make it

HAPPY AND PROSPEROUS

for all who look to us for stock. Remember that in 1912, as in previous years, we shall prefer to be **known as The Best** rather than as the largest. We lead on **Fancy Carnations.**

NEW YEAR'S PRICE LIST

CARNATIONS	Per 100
Fancy White	$ 4.00
Fancy Enchantress and Rose-pink	$5.00 @ 6.00
Fancy Red	8.00

ROSES	
White Killarney	6.00 @ 12.00
Killarney	6.00 @ 12.00
My Maryland	6.00 @ 12.00
Richmond	6.00 @ 15.00
Extra lengths of roses billed accordingly	
American Beauties ....per doz.,	$3.00 @ $8.00

MISCELLANEOUS	Per 100
Easter Lilies	$12.00 @ $15.00
Valley	3.00 @ 4.00

	Per 100
Violets	$1.25 @ $1.50
Sweet Peas	1.00 @ 1.25
Paper Whites	2.00 @ 3.00

DECORATIVE	
Asparagus Plumosus per string	$0.50 @ $0.75
Asparagus Plumosus per bunch	.35 @ .50
Asparagus Sprengeri per bunch	.25 @ .50
Adiantum, fancy, long	1.00
Smilax....per doz.,	$1.50 @ $2.00
Ferns....per 1000	2.00
Boxwood....large bunches,	.25

Subject to Market Changes

CHICAGO CARNATION COMPANY

Salesroom: 30 E. Randolph Street, Greenhouses, JOLIET, ILL. CHICAGO

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model the store, rearranging to bring the office to the front and throw the shipping room to the rear.

F. C. Hoerber says the holiday business ran ahead of his rather sanguine expectations.

Poehlmann Bros. Co. reports having cut 4,500 cattleyas, Percivaliana and Trianæ in the week before Christmas—and then they ran short.

E. C. Amling says December 23 was considerably the largest day in the history of his house. John Michelsen says they handled slightly more than 300,000 violets in the three days before Christmas.

Kyle & Foerster report as a Christmas visitor, John Holden, of Rensselaer, Ind.

For Christmas C. W. McKellar had some large consignments of eastern Beauties that were of excellent quality.

Adam Zender says that in so far as he can see growing conditions have been exactly like other years, but that he never has had such a fight against mildew as during the last few months. Constant vigilance has been the price of keeping his stock clean.

A. L. Randall Co. was in trouble December 23, when the Beauty train was late, not getting the shipment to the store until 8:15 p. m. A large number of orders were held up. In the next sixty minutes the tickets written for outgoing boxes amounted to $2,000.

J. P. Risch says that his fears of the effect of dark weather were groundless so far as Weiland & Risch were concerned, their crops coming as nearly right for Christmas as they ever expect to get them.

A HAPPY NEW YEAR

We wish to extend to you our personal regards and most sincere wishes for a Happy and Prosperous New Year.

We beg to assure you that we have appreciated your kind and friendly patronage in the past and sincerely trust and hope to enjoy the pleasure of serving you again in the future.

A. Henderson
G. M. Reburn
A. Miller

A. HENDERSON & CO.,
30 E. Randolph St., CHICAGO

Mention The Review when you write.

Mrs. D. E. Freres was her husband's chief assistant in the store during the holiday rush.

Wietor Bros. far eclipsed all previous Christmas records. In addition to large cuts of roses and carnations, they had quite a few Merry Christmas mums, the only mums noted.

The venerable but indefatigable Mr. Weiland was down from Evanston early

December 24 buying boxwood and said he never had seen anything like the way it was selling. Twelve cases had then been worked up, with the two busiest days yet to go.

Christmas kept A. T. Pyfer so on the jump that his office saw him not the day following.

Winterson's Seed Store sold practically every sprig of Christmas green, including larger quantities than ever of the baby trees.

Zech & Mann say the best part of Christmas was that the buyers were right back next day for more, indicating excellent results for the retailers.

O. W. Frese indicates that the Chicago Flower Growers' Association is well satisfied with its first Christmas.

Mrs. P. L. McKey is convalescing from an illness with pneumonia that at one time was critical.

John Kruchten says the number of calls for gardenias is something surprising, far exceeding the supply.

M. C. Gunterberg, J. A. Budlong and John Sinner all say Christmas business exceeded expectations and that the others who sell on the same floor also were pleased.

Except for a small section on the east side of the building, the addition to the Geo. M. Garland shop at Des Plaines will be practically complete by the first of the year. The floor area has been practically doubled and new machinery is being installed, giving this company a fully equipped factory for greenhouse iron work.

Nathan L. Robinson is a new grower among the colony at Des Plaines. He has just started operations on the Jefferson road with a greenhouse 20 x 50.

Mrs. W. E. Horton, of Bassett & Washburn's, receives her birthday presents December 26.

Some of the downtown retailers complain that Christmas coming on Monday cut a big hole in their sales, for the business center is not a particularly lively place on Sunday. But the Fleischman Floral Co. advertised boldly that the store would be open all day Sunday, with the result that a big automobile and telephone trade was done. The store has five trunk line phones.

W. W. Barnard Co. reports an exceptionally satisfactory season on Christmas greens. Seldom if ever has a closer clean-up been made.

W. E. Lynch Floral Co. had a fair cut of carnations for Christmas the first crop. The stock is consigned to Vaughan & Sperry.

At Crown Point Alois Frey is doing especially well with pink antirrhinums. He ships direct to some of the leading retailers.

A. L. Randall Co. reports a tremendous increase in the supplies department in 1911, and especially in ribbons.

Peter Reinberg has the biggest job of his life for 1912. He is devoting the greater part of his time to his duties as chairman of the council committee that will solve the traction problem, involving many millions and Chicago's future.

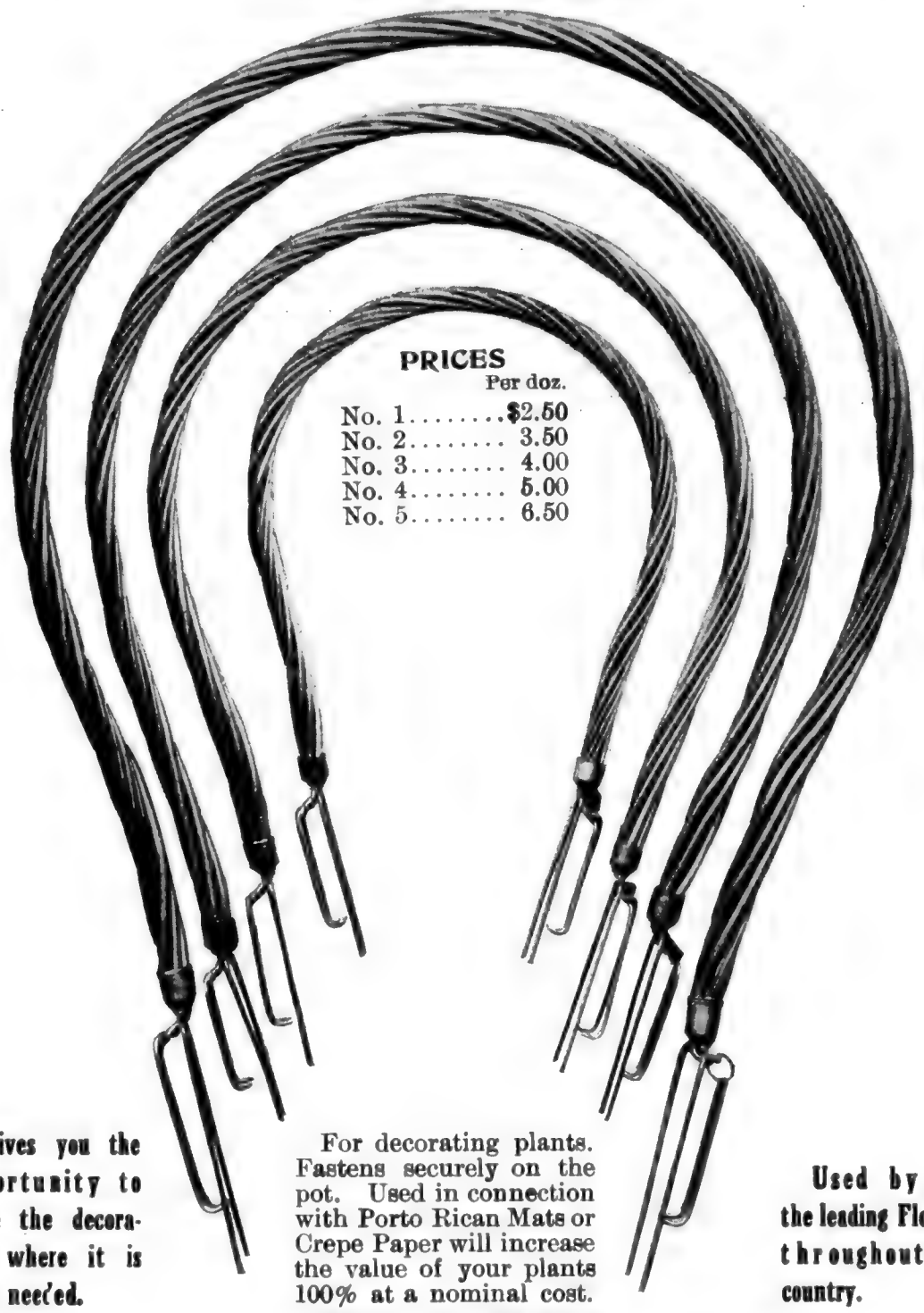
At E. H. Hunt's Paul Bryant says the Christmas business in supplies broke all records for the house.

E. Wienhoeber became ill the week before Christmas and was at the store only once or twice during the rush. William Wienhoeber said the business began much earlier than usual and therefore made a better total than in

Finished in Gold

HART'S HANDY HANDLE

For Plant Decoration.



Gives you the opportunity to place the decoration where it is most needed.

For decorating plants. Fastens securely on the pot. Used in connection with Porto Rican Mats or Crepe Paper will increase the value of your plants 100% at a nominal cost.

Used by all the leading Florists throughout the country.

24 to 30 Stone St., GEO. B. HART, Rochester, N. Y.

Mention The Review when you write.

REPLENISH YOUR STOCK

GO OVER your stock of Florists' Supplies and send us an order for everything you are short of after the fine business you had at Christmas. We have everything. Prices always right.

"PERFECT SHAPE" WIRE WORK

You'll need a lot of this the next few weeks.

Winterson's Seed Store

166 N. Wabash Ave. Long Distance Phone 6004 Central CHICAGO

ALWAYS MENTION THE FLORISTS' REVIEW WHEN WRITING ADVERTISERS

FOR NEW YEAR'S

KILLARNEYS WHITE PINK

Also a good cut of RICHMONDS, CARNATIONS, VALLEY, ETC.

Give us a share of your orders. We know we can please you.

Batavia Greenhouse Co.

Greenhouses: Batavia, Ill. L. D. Phone 3995 Randolph Store: 30 E. Randolph St., CHICAGO

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any preceding year. The greater part of the sales were plants or Christmas greens.

CINCINNATI.

The Gateway to the South.

Christmas business was, on the whole, quite satisfactory. Everything in the way of available colored stock cleaned up nicely and white flowers went fairly well. Some of the last, however, accumulated toward the close and were carried over into holiday week.

In the Christmas green line business was excellent. The prices were not quite up to last year's figures. Some extra cars of holly that came in at the last minute gave a fresh supply of that commodity that some of those who were wide-awake, or had the time and inclination, utilized to a good advantage. One of the florists was selling wreaths and bunches of holly as fast as part of his force could work them up.

Prospects for New Year's business indicate that there will be a fair supply of everything in demand but American Beauties. These were short for Christmas and will probably be the same for New Year's day.

In the Christmas business, besides the Beauties, Richmond also ran short and Killarney tended the same way. In white flowers, Paper Whites were never so slow in moving at Yuletide as they were this year. While many were used, a considerably greater quantity was available. Valley also sold slowly, but managed to make a fair clean-up by Tuesday of this week if it was still good. A few violets were left over.

Various Notes.

Wm. Gardner came down from New Castle to spend Christmas.

C. E. Critchell says that this year's holiday business was by far the best he ever had. The Cincinnati Cut Flower Exchange says "good; very satisfactory indeed with us." Wm. Murphy, J. M. McCullough's Sons Co., L. H. Kyrk, P. J. Olinger, E. G. Gillett and Peter Weiland are all well satisfied with the way their stock moved.

Thos. Windram leaves this week for Leesburg, Fla.

P. J. Olinger cleaned up a quantity of stock that was three times as large as the quantity at his disposal last year.

Wm. Murphy's Christmas greens annex, under the charge of Ray Mur-

MICHELL'S 1912 WHOLESALE PRICE LIST FOR FLORISTS

is not the usual trade list, but is chock full of good, valuable information and suggestions. Descriptive, illustrated and replete with all the material that the progressive florist may need; 80 large pages are especially designed to help the florist and bound in a book which should be on the desk of every good grower and storekeeper in the country.

We will gladly send it to you free.

Just drop a postal **addressed to the Wholesale Department.**

HENRY F. MICHELL COMPANY

Distinctive Florists' Seeds, Bulbs and Plants

518 MARKET STREET, PHILADELPHIA

Mention The Review when you write

For a Most

Liberal Season's Patronage

WE EXTEND OUR SINCERE APPRECIATION

AND WISH ALL OUR FRIENDS

A HAPPY AND PROSPEROUS NEW YEAR

C. C. POLLWORTH CO.

MILWAUKEE, WIS.

For New Year's and month of January we will be very strong on

BEAUTIES, KILLARNEY, MARYLAND, RICHMOND

all of excellent quality. We want to make special mention of our white and pink Killarneys. Our growers are producing better stock this year than ever before. You can depend on us to fill your orders, and on the quality. Our prices are very reasonable.

Boxwood	per case,	$7.50
Bronze Galax	"	7.50
Green Galax	"	7.50

Some of Our Miscellaneous Stock

White Lilac Snapdragon Peas Violets
Mignonette Pansies

The Leo Niessen Co.

WHOLESALE FLORISTS
N. W. cor. 12th and Race Sts., PHILADELPHIA, PA.
Open from 7 a. m. to 8 p. m.

Mention The Review when you write

phy, disposed of every case of holly and all the laurel, etc.

C. H. H.

PHILADELPHIA.

The Rising Eastern Market.

Christmas, 1911, marks the turning of a corner in the history of the cut flower market. High holiday prices are a thing of the past, barring something unusual. The best judges agree that this is a decided step forward, placing the cut flower market on a firmer base throughout the year.

The volume of business transacted at Christmas was ahead of previous years, not only in the quantity of flowers handled but in their total value. This means that more flowers, marketed at slightly lower prices, realized more money than the Christmas cut has done in the past. Weather conditions were most favorable from a shipping and delivery standpoint; plants could not be frozen, nor did they require much packing. This applies even more strongly to cut flowers. The intermission of Sunday between the last day of business and the holiday was a distinct advantage, enabling the retailers to get their orders in shape without hurry and take more orders on Christmas morning, a thing they often have been unable to do. The clear weather on Christmas morning was also a distinct advantage; belated shoppers, tempted by the fine morning, were able to secure their gifts.

Beauties were in heavy supply, particularly the upper grades, fully seventy-five per cent of the stock offered being classed as specials or extras. The best were sold at from $9 to $12 per dozen, frequently in hundred and occasionally in thousand lots. They were not particularly strong at times. Richmond was the strongest of the other roses, although there were probably ten times or more Killarneys used than Richmond. The long, fancy Richmond seen in recent years were missing, most of the better grade being too short to rival Beauties. Killarney seemed more popular than Maryland, although the latter had backing. White Killarney and even Bride were sold in fair numbers, but white is not so popular as pink at Christmas.

Carnations were probably the strongest feature on the list, yet there is no question in the mind of those who have studied the market that carnations would have brought more money had they been shipped regularly. There were not enough on Thursday for the shipping orders; there were not enough on Friday; there were entirely too many on Saturday, and some, unfortunately, bore evidence of having missed the trains on previous days. The prices realized by carnations were equal to last season. While the prices on roses are not equal to last season's, as the price list will show, the average prices are better, because there was nothing left over except a few white. A tour of the wholesale houses immediately after Christmas found little left but white; white roses here, white carnations there, Paper Whites, Romans and stevia.

Cattleyas were surprisingly weak. There was a big supply and prices receded. Gardenias, too, fell away. Small orchids were in demand but the supply is not sufficient to cause much anxiety. Valley was in heavy supply and brisk demand. Bouvardia, although a small factor, was the strongest feature of the list, after carnations. Violets experienced heavy trading. The supply of fresh, high grade stock was unequal to the demand at the last. Callas are popular for church decoration but unfortunately the growers persist in holding them until too late for use. The supply needed on Thursday or Friday arrived Saturday.

Poinsettias, while largely used, were not in active demand. They were popular and brought good prices but there

January Flowers

A splendid stock of all the leading varieties of seasonable Cut Flowers at reasonable prices.

Richmond, Killarney, White Killarney and Princeton Roses

Red, Pink and White Carnations

Double and Single Violets

Poinsettias

Paper Whites, Stevia, Romans. **Greens of all varieties.**

BERGER BROS.

Wholesale Florists

140-142 North 13th Street, Philadelphia, Pa.

Mention The Review when you write.

The Three Killarneys and MY MARYLAND



Double White Killarney
The Budlong Strain, 1912

of splendid quality, in any quantity,
shorts, mediums or long

Special..$12.00 to $15.00 per 100 First....$6.00 per 100
Fancy ..... 10.00 per 100 Second.. 4.00 per 100

VALLEY

Special.....per 100, $4.00 Extra.....per 100, $3.00

CATTLEYAS

Special...per doz., $7.50; per 100, $50.00. Extra....per 100, $40.00

GARDENIAS

Special.....per doz., $4.00 Extra.....per doz., $3.00

Distributing Agents for the great New Roses for 1912:

Double White Killarney (Budlong Strain) and Killarney Queen

Grafted.....$250.00 per 1000 Own root .....$200.00 per 1000

SUNBURST

Grafted.....$35.00 per 100; $300.00 per 1000
Own root..... 30.00 per 100; 250.00 per 1000

RIBBONS and SUPPLIES. Many new patterns in exclusive Ribbons. Write us for prices on these and on supplies.

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF PHILADELPHIA

PHILADELPHIA
1608-1620 Ludlow Street

NEW YORK
109 West 28th Street

WASHINGTON
1212 New York Avenue

Mention The Review when you write.

A Happy New Year—Start it With Satisfaction!

How? Try some of our specials—

Violets—Mignonette—Valley

and all other seasonable stock.

Philadelphia Cut Flower Co., 1517 Sansom Street, Philadelphia, Pa.

OPEN UNTIL 8 P. M.

always seemed to be more poinsettias in sight than the market required. Good judges say that the leftovers undoubtedly will be required for holiday decorations. Paper Whites were dull as dishwater; it was difficult to sell them at ridiculously low prices. Romans were almost immovable; they seemed to have had their day. Sweet peas were sold in great quantities at prices below those of last year, the fancies selling more readily than the ordinary grade stock. Daffodils have arrived, making a pleasing change, for yellow is scarce. Daisies were in moderate request.

Green sold about as usual at the holidays, which means that a certain amount is required to go with the flowers, and no more, for people do not especially want tender green at Christmas.

The shipping orders generally are said to have reached their destinations in good condition, the improvement in

THE Florists' Supply House of America

REPLENISH YOUR STOCK

Last week we wished you the Compliments of the Season, especially a Happy and Prosperous New Year.

Your prosperity during Nineteen Twelve will be best served today by going carefully over your stock, and then sending us at once a list of your needs so that we can replenish your stock with the necessary

Baskets, Pot Covers, Mats, Crepe Papers, Chiffons, Bouquet Holders, Vases, Toneware Vases, Imperial Chinaware,

in fact, **ANYTHING** and **EVERYTHING** that your business will require during the busy season sure to follow the holiday rush.

DON'T DELAY; you know the old adage: "A stitch in time saves nine," which really means that a lot of worry can be avoided by having what you need on hand at a moment's notice.

Again wishing you the Compliments of the Season and thanking you for past favors, we remain,

Cordially yours,

H. BAYERSDORFER & CO., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.

quality, the careful packing and the system of the express companies, combined with the fair weather, favoring their safe journeyings.

The Plant Market.

The demand for Christmas plants both flowering and foliage has been equal if not ahead of that of last year. The wonderful stride made by plants in popular favor could not possibly have continued as in the past. To equal or slightly surpass last year's great record is an achievement of which the plantsmen may well be proud. The poinsettia probably was the most popular Christmas plant, particularly for baskets. Begonias and cyclamens sold in large numbers, the new Glory of Cincinnati proving a great favorite. Azaleas have hardly held their own; in some quarters they were well received, but, generally speaking, the azalea is not considered a satisfactory blooming plant for Christmas. The number of ferns sold, particularly of the Boston family, was wonderful, while foliage plants, notably palms and dracænas, crotons and pandanus, had a share in the Christmas stock. Christmas plants have certainly come to stay and it is within the power of the plantsmen to increase their use by judicious selection and cultural skill.

The Christmas Windows.

Some ideas gathered from the displays of a few of the shop windows in the central part of the city just before the holidays may be of interest. The Christmas color was beautifully brought out in an effective arrangement of our greatest rose at the Bellevue Stratford. J. J. Habermehl's Sons had there a profuse decoration of American Beauties, arranged to show flower and foliage to advantage. There were Beauties of different grades, tied with graceful bows of that ribbon that for so long taxed the inventive ingenuity of the specialists to produce; in a word, tied with Beauty ribbon.

Charles Henry Fox made a handsome display of Scotch heather, set in his long handled tubs adorned with Christmas red ribbon, tub and bow setting off the dainty grace of the heather as a proper frame does a pretty picture.

FLOWER GROWERS SALES CO.
INCORPORATED
BOSTON, MASS.
Direct from Grower to Dealer.

DIRECTORS
E. Allan Peirce — C. H. Holbrow
Louis J. Reuter — Frank Dolansky
J. Frank Edgar — Frank P. Putnam
Wm. Sim — A. A. Pembroke
Thos. Roland — Wm. Lenk
Wm. Jurgens — Wilfred Wheeler

NOTICE

We have moved our office and stock rooms to

1 A Park Street

Larger quarters and proximity to the market give us facilities for handling your business to better advantage.

Orders for all varieties of cut flowers and plants will receive our prompt attention.

Florists' Supplies of all kinds are handled for the convenience of the trade.

Write for Our Price List

Salesroom at BOSTON FLOWER EXCHANGE PARK STREET Telephone 3766 Haymarket

Office at 1A PARK STREET. Telephone 3765 Haymarket

Mention The Review when you write.

Pennock Bros. had ferns and fruit in Japanese baskets of Christmas red, with red ruscus and greens galore. The fruit was Otaheite oranges in green wicker baskets, with ribbon of an orange shade, a perfect match.

H. H. Battles displayed pink begonias in birch baskets, perfect specimens, covered with a mass of bloom.

The Century Flower Shop specialized in araucarias, sometimes called Christmas trees; also in baskets of birch bark.

Frank L. Polites intensified the Christmas red of the poinsettia with the purity of the Easter lily and the grace of Paper White narcissi.

Robert Kift affected Adiantum Far-

Removal Notice

C. A. KUEHN

..Wholesale Florist..

Is now located in his new three story building, and wishes the Trade "A Happy and Prosperous New Year." We are stocked up with all new Supplies of anything you may need, also large consignments of seasonable Cut Flowers daily.

Our Wire Department is complete.
Elevator service to upper floors. ::

1312 Pine Street, ST. LOUIS, MO.

Wholesale and Retail Florists



You both will profit by using McCray Refrigerators. Don't cut down profits because of spoilage. Stop the spoilage. Our patented refrigeration will keep your stock fresh because of the constant circulation of cold, dry air.

McCRAY REFRIGERATORS
(Keep things fresh)

are made not only in stock sizes but are built to order to suit your requirements. Write today for our free catalogue No. 72, which will give you ideas to help you add to the attractiveness of your establishment.

McCRAY REFRIGERATOR CO.

368 Lake Street, KENDALLVILLE, IND.

CHICAGO OFFICE, 158 North Wabash Avenue. NEW YORK OFFICE, 231 West 42nd Street.

Ferns——Galax——Moss

HEADQUARTERS FOR SOUTHERN WILD SMILAX

$3.00, $4.00 and $5.00 per case.

New Fancy Ferns
Per 100.....20c Per 1000.....$1.50

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000..... 5.00

Boxwood
Per lb.....20c Per case of 50 lbs.... 7.50
Per case of 100 lbs.....$14.00

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000.....$7.50

Green Galax Leaves
Per 1000..... 1.00 Per 10,000..... 7.50

Mexican Ivy
Per 100.....75c Per 1000..... 6.00

Green Sheet Moss
Per bundle.....$1.00 10 bundles ....$ 9.00
25 bundles..... 21.00

Sphagnum Moss
Large bales.....$1.50 per bale

SPECIAL PRICES ON LARGE QUANTITIES.

Imported Bronze and Green Magnolia Leaves, $2.00 per basket
Everything in Florists' Supplies

Full Line of Cut Flowers and Other Greens at All Times.

C. E. CRITCHELL, Wholesale Commission Florist, 34-36 East Third Ave., **Cincinnati, Ohio**

Mention The Review when you write.

Long Needle Pines. Magnolia Foliage and Magnolia Leaves. Natural and Fadeless Green Sheet Moss. Southern Wild Smilax.

Give us a TRIAL order—the OTHER orders will take care of themselves. We guarantee to ship you the BEST Southern Decorative Evergreens on the market. Stock cut and shipped within twenty-four hours after your order is received. Write, wire or Phone.

CHAS. S. LEE & CO., - - Evergreen, Ala.

Mention The Review when you write

leyense. The witchery of their soft green was contrasted with a few Richmond roses and in some with the deep hued Cypripedium insigne.

A Historical Sketch.

David Rust read an interesting paper at the December meeting of the Florists' Club on the club's history during the twenty-five years of its existence. The paper had been carefully prepared and was listened to with marked attention by the large number of members who were present. The early records of the club's doings came from the Pennsylvania Horticultural Society's minutes. Later, when the club's machinery was in running order, all the information came from the secretary's books, with occasional descriptions added by the speaker. The officers, the essays and the essayists, the conventions held here and at Atlantic City by the Society of American Florists, the fire that destroyed the club's home in the old Horticultural hall, and the social events, all came in for their share of attention.

Robert Craig, as the foremost member in florists' circles, was the first president. He held that position for a number of years, until it was thought wise that this principal office and that of vice-president should rotate yearly or biennially. The offices of secretary and treasurer, on the other hand, have been filled by only a few members, the general feeling being that the club's interests were best served by keeping a good man steadily in those positions. The club's secretaries during the last quarter-century have been D. D. L. Farson, Edwin Lonsdale, Henry F. Michell and David Rust. The treasurers during the same period were Thomas Cartledge, J. William Colflesh and George Craig.



FINE EVERGREENS

Ferns and Leucothoe Sprays a specialty.
Get our price list before ordering.

F. H. STINSON, Banners Elk, N. C.



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ESTABLISHED 1898.
SMITH'S GALAX LEAVES
LEUCOTHOE SPRAYS
are Standard.
WM. C. SMITH
Marion, North Carolina
Ask for Smith's Galax and Leucothoe. Distributors in Boston, Providence, New York, Philadelphia, Baltimore, Washington, Pittsburgh, Cleveland, Detroit, Chicago, Milwaukee, St. Louis and Cincinnati.

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J. A. YATES
South's Quickest Shipper.
All Kinds of Decorative Evergreens.
Wire or write.
SATISFACTION GUARANTEED.
J. A. YATES. McWilliams, Ala.

Mention The Review when you write.

FOR HIGH-GRADE
Southern Wild Smilax
Write, Wire or Phone
Chattahoochee Floral Company,
Hatcher Station, Ga.

Always mention the Florists' Review when writing advertisers.

Sprays - - Ferns
NEW CROP, FRESH FROM THE PATCH



Fancy and Dagger Ferns, $1.00 per 1000.
Long Green Leucothoe Sprays, $2.50 per 1000.
Short Green Leucothoe Sprays, $1.25 per 1000.



Bronze Leucothoe Sprays, assorted lengths.....$3.50 per 1000
Bronze Galax..... .50 per 1000
Green Galax..... .45 per 1000
Hemlock Sprays ..... 1.50 per 1000
Rhododendron Sprays ..... 2.00 per 1000
Mountain Laurel Sprays..... 1.50 per 1000

Discount on large orders. Eighteen years in the business. Send me your orders.

J. N. PRITCHARD, Elk Park, N. C.

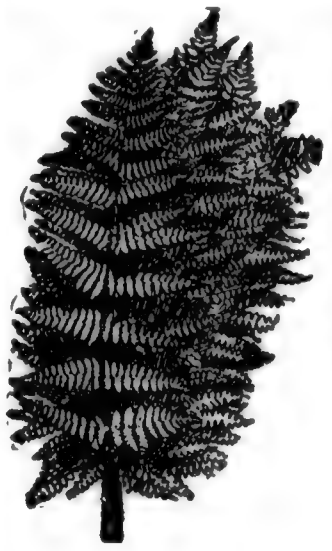
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We are now shipping
Southern Wild Smilax
Natural and Perpetuated
SHEET MOSSES
E. A. BEAVEN, - EVERGREEN, ALA.

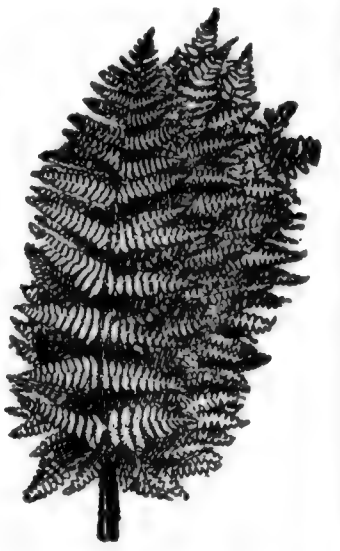
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New Crop **SOUTHERN WILD SMILAX** Now Ready
Louisville Floral Co., P. O. Louisville, Ala.
Telegraph Office, Clayton, Ala.

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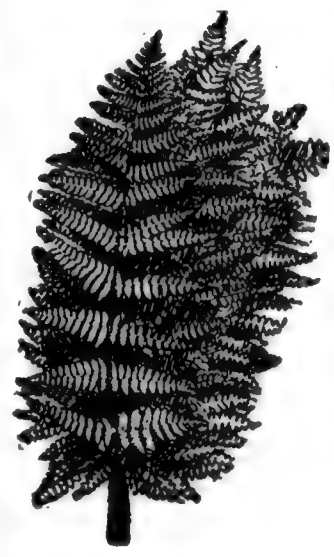
Fancy Ferns



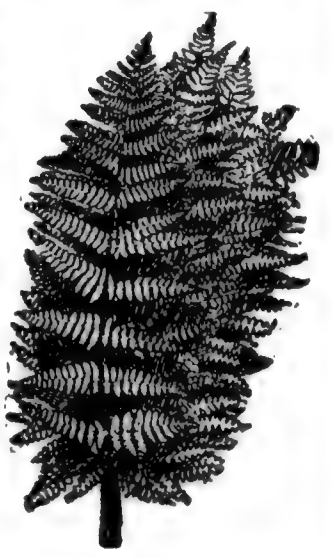
Finest stock in the country

$1.50 per 1000 Discount on large orders. **$1.50 per 1000**

Place your standing orders with us.
Full supply all the year around.



Imported green and bronze Magnolia Baskets, $2.25; 6 baskets	each,	$2.00
Galax Leaves, green and bronze	per 1000,	1.25
Green Leucothoe Sprays, extra fine	per 1000,	7.50
Boxwood	per lb., 20c; per case, 50 lbs.,	7.50
Wild Smilax	50-lb. case,	5.00
Sphagnum Moss	large bales,	1.50



Full supply Cut Flowers at all times.

Michigan Cut Flower Exchange

38-40 Broadway, Detroit, Mich.

Mention The Review when you write.

1887--1912

SOUTHERN WILD SMILAX

Caldwell The Woodsman Co.

Everything in Southern Evergreens.

EVERGREEN, ALA.

Mention The Review when you write

FERNS and GALAX

New crop, fresh from the patch.

Fancy and Dagger Ferns, 70c per 1000.
Green and Bronze Galax, 50c per 1000.
Green Leucothoe Sprays, $2.00 per 1000; short, 12 to 16-in., $1.00 per 1000.
Discount on large orders. 10 years' experience. Cash with first order.

R. L. HODGES, Banners Elk, N. C.

Mention The Review when you write.

Perhaps the development of the club and of floriculture was best shown in the essays and those who delivered them. Robert Kift was scheduled to deliver the first essay, on "Cut Flowers, How They Should be Cut, Packed and Handled." Mr. Kift announced, when the time arrived, that he felt unequal to the task assigned him, whereupon the club voted that such modesty would cost $500 in future to each offender. Mr. Kift read the paper at the following meeting. Then there were papers on "The Faker, a Menace to Our Business"—it should certainly have been profession—and on "What is the Cause of Bullheads in Perle Roses?" and kindred subjects that have ceased to be issues. Then there was a discussion on "Has the Grower or the Retailer the Best End of It?" the former being assigned to Robert Kift and the latter to Edwin Lonsdale. Another

WHOLESALE



Galax, Ferns, Leucothoe



—Ask for Price List—

The North Carolina Evergreen Co., - Banners Elk, N. C.

Mention The Review when you write.

IN THE SWIM

I must be in the swim,
You might forget my name.
And say I was to blame,
If you do not get the best.
So write—I'll do the rest.

Christmas Trees, Spruce or Balsam from 1 foot to 30 feet, in any quantity, also **Baled Spruce, Balsam** and **Hemlock Boughs,** by bale or carload, **Laurel** and **Evergreen Festooning** and **Wreaths, Sphagnum Moss,** hardy cut fancy and dagger **Ferns.** Yearly contracts made for them.

———Send for Price List.———

H. J. SMITH, Hinsdale, Mass.

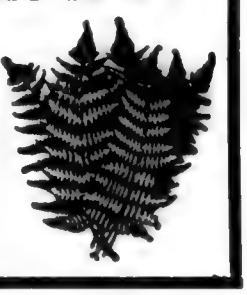
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J. H. VON CANON & COMPANY



Evergreens Fresh From The Woods

Galax, Green, 50c per 1000; $4.00 per case of 10,000.
Galax, Bronze, 50c per 1000; $4.50 per case of 10,000.
Ferns, Fancy, 80c per 1000; $3.50 per case of 5000.
Green Leucothoe, regular lengths, $1.75 per 1000.
Green Leucothoe, 10 to 16-inch, $1.00 per 1000.
Bronze Leucothoe, 10 to 16-inch, $1.75 1000; regular lengths, $2.75 1000. Cash with order.



Wire Us
Elk Park, N. C.

BANNERS ELK, N. C.

Mention The Review when you write.


FANCY

A Happy and Prosperous New Year to All


DAGGER

¶One way to make your customers happy is to supply them with the best quality stock to be had. Our stock of Cut Fancy and Dagger Ferns is of the highest quality. Therefore, to have the happy and satisfied customers, supply them with Brague's Ferns. Price list on application.

L. B. BRAGUE & SON, {Since 1867} **HINSDALE, MASS.**

Mention The Review when you write

burning question of the good old days was, "Is it Practicable to Dispose of Flowers Through a Commission House?" Perhaps this question, gravely asked and as gravely answered, will show quite as clearly as any other the progress that has been made during the last two decades.

Certainly Secretary Rust deserved the hearty plaudits showered upon him at the conclusion of his address.

Various Notes.

W. E. McKissick, of Washington, D. C., spent a couple of days in this city looking over the market immediately after Christmas.

Charles E. Meehan says that the Pennock-Meehan Co. will push Budlong's Double White Killarney and Totty's Sunburst, believing them both worthy of places among roses grown for cut flowers.

Edward Reid had the pleasure of receiving congratulatory telegrams sent on the arrival of his Christmas flowers at far distant points.

Princeton proved a popular rose this reason and Berger Bros. were gratified by its reception among flower lovers.

The next Michell lecture will be on poultry, January 4, at 3 p. m., delivered by an eminent poultry expert whose name I wrote and unhappily cannot decipher. Then, the hall will be enlarged and improved. The poultry show follows a week later, when 400 coops will be filled.

Arthur A. Niessen says the Christmas business was handled quietly and satisfactorily, although it was much larger than in the past. The increased facilities helped. Daffodils are the latest arrival at his company's store.

George Auegle says that the Philadelphia Cut Flower Co. had a satisfactory Christmas, the supply being mainly of the better grades of flowers.

Frank J. Farney arrived from Chicago last week; he stopped writing friendly good wishes long enough to give a cheery greeting.

Narcissus Grande Soleil d'Or, from Walter P. Stokes, of the Floracroft Greenhouses, Moorestown, N. J., made its appearance just before Christmas. Commercially speaking, it is a golden Paper White and very pretty. Perhaps the phrase seems an Irish bull, but it is descriptive.

M. Rice & Co. have leased a three-story building, 120 Camac street, directly in the rear of their own building. The two buildings will be connected by bridges and alterations will be pressed to completion to give quickly the room needed for expansion.

Ferns, bright with glistening rain-



FERNS, GALAX and LEUCOTHOE



We have handled evergreens for a number of years at other places and under other firm names, and we have learned by experience that **quality** and **promptness** are what the trade wants. We have gone from point to point hoping to find quality in these goods, but have never found it until now. We are prepared to furnish you on short notice the very finest quality.

	Per 1000		Per 1000
GREEN LEUCOTHOE, 16 to 24-in	$2.50	DAGGER FERNS, good length	$1.00
BRONZE LEUCOTHOE, mixed lengths	3.50	GREEN GALAX	.50
FANCY FERNS, good length	1.00	BRONZE GALAX	.50

Liberal discount on large orders. All goods f. o. b. Hampton, Tenn.

HAMPTON EVERGREEN CO., Hampton, Tenn.

Mention The Review when you write

FANCY OR DAGGER FERNS

$1.00 per 1000. Write for prices on large orders.

Galax, 75c per 1000; $6.50 per case of 10,000. **New Bronze** now ready, write for prices.


Tel. Office, New Salem, Mass.
L. D. Phone Connection.
MILLINGTON, MASS.

Try our **Boxwood,** it's the finest that grows; no waste; 50-lb. case, $7.50.
Laurel Festooning, the best, 4c, 5c and 6c per yard.
The finest **Laurel Wreaths** made, $3.00 per dozen.
Branch Laurel, 35c for large bundle.
Sphagnum Moss, $4.00 per bale.
Bouquet Green, 8c per lb.
Southern Smilax, $5.00 per case of 50 lbs.
Green Moss, $1.25 per bbl.
Partridge Berries, 10c per bunch of 50 sprays.

A Special Lot of GROUND PINE, only $6.00 per 100 lbs. First come, first served.

CROWL FERN CO., : Millington, Mass.

Mention The Review when you write.

PROTECTION !!!

of your plants from freezing. This can only be done by using a celebrated



LEHMAN WAGON HEATER

400,000 are in use by **Florists,** horsemen, doctors and farmers. They burn **Lehman Coal** (from which there is no smoke or danger), at a cost of less than ½c per hour.

CAN YOU AFFORD TO BE WITHOUT ONE? BEWARE OF IMITATIONS

LEHMAN BROS.
MANUFACTURERS
10 Bond St. NEW YORK

For circular and price list write
J. W. ERRINGER, General Western Sales Agt.
20 E. Randolph St., CHICAGO, ILL.

Mention The Review when you write.

drops, were an unusual pre-Christmas sight on the street corners. Mistletoe was the only scarce Christmas green, though the wary ones fought shy of holly, so often a fruitful source of complaint.

At the meeting of the Pennsylvania Horticultural Society the following officers were elected: President, Clement B. Newbold; vice-presidents, Randall Morgan, Henry F. Michell and Robert Craig; treasurer, F. W. Keith; secretary, David Rust. Phil.

BOWLING

AT MILWAUKEE.

The scores made by the members of the Milwaukee Florists' Bowling League December 19 were:

	1st.	2d.	3d.
Walter Halliday	137	139	112
Gust Pohl	132	140	136
Chas. Gutbrod	161	141	191
Otto Eggebrecht	106	108	88
Nic Zweifel	126	112	118
G. Hunkel	125	128	135
A. Hare	122	138	104
P. Nohas	114	127	158

E. O.

AT ASTORIA.

Following are the bowling scores made at Astoria, L. I., December 22:

Player.	1st	2d	3d	4th
Edmiston	158	136	142	141
Siebrecht	156	123	146	135
Miesem	223	182	171	158
Doerhoefer	139	163	150	136
Jacobson	170	136	189	147
Einsmann	171	177	182	179
Arnold	115	116	125	131

Paris, Tex.—Z. W. Rice is erecting greenhouses here and making the other necessary preparations to start business as a grower. He expects to make a specialty of ferns, chrysanthemums and geraniums.

Fergus Falls, Minn.—S. N. Mehlin, proprietor of Mehlin's Greenhouses, has erected a large greenhouse, with an independent pumping establishment, on Lincoln avenue, west. It is said that the total cost of the improvement will be approximately $10,000.

Want and For Sale Department

Advertisements under this head 10 cents per line, cash with order from all who do not do other advertising. In sending remittance count seven words to the line.

Display advertisements in this department $1.00 for one inch space.

When answers are to be sent in our care, add 10 cents for forwarding.

Plant advertisements not admitted under this head.

SITUATION WANTED—By young man, 27 years old, competent to manage store or greenhouse or both; an A No. 1 designer and decorator; ready to accept position on or about May 1. Address No. 201, care Florists' Review, Chicago.

SITUATION WANTED—By a young man, a graduate from a horticultural school, four years' practical experience in flower and vegetable growing; want a position as a first-class assistant on a private or commercial place. Address No. 210, care Florists' Review, Chicago.

SITUATION WANTED—Private or commercial, general greenhouse and outside work, design work and decorating; capable of taking charge; good references; English, single, age 27, abstainer; state wages and full particulars in first letter. Address No. 200, care Florists' Review, Chicago.

SITUATION WANTED—By an all-round florist, expert propagator and grower of high-class cut flowers, bulbous and plant stock of all kinds; first-class designer; American, single, age thirty; total abstainer; highest references; capable of taking full charge and accomplishing the necessary results. Address R. Klag, Frederic Hotel, Minneapolis, Minnesota.

SITUATION WANTED—By young married florist, first-class carnation grower, can give the best of references. Address No. 219, care Florists' Review, Chicago.

SITUATION WANTED—As working foreman; German, single, age 36; life experience; A-1 reference; middle west preferred. Address J. L., 406 W. Exchange St., St. Paul, Minn.

SITUATION WANTED—By grower of roses, carnations, mums, violets, bedding plants, propagating; industrious, non-drinker; single, 23; state particulars, wages. Address No. 217, care Florists' Review, Chicago.

SITUATION WANTED—By florist, 25 years' experience as grower; specialties, roses, carnations, mums, bulbs, general all-round designer, decorator; good wages; best references. Florist, 275 Magnolia St., Detroit, Mich.

SITUATION WANTED—By a first-class grower, all-round greenhouse man and first-class designer; married, age 33; 16 years' experience; I have the best of references. Address Mr. M. Glinko, 2478 W. 7th St., Cleveland, O.

SITUATION WANTED—By A-1 rose grower, American Beauties a specialty, and teas, to take full charge; also competent in other cut flowers and pot plants; good propagator; single, life experience. Address No. 218, care Florists' Review, Chicago.

HELP WANTED—An all-round greenhouse man, no drinker, who can grow general all-round stuff. G. F. Lippold, Cumberland, Md.

HELP WANTED—A good assistant on roses to help on watering and tying up. Address No. 221, care Florists' Review, Chicago.

HELP WANTED—A good rose grower for Beauties; middle state; state wages wanted. Address No. 220, care Florists' Review, Chicago.

HELP WANTED—A good all-round greenhouse man; a man of experience; can use him at once; we want no drinking man. The Newburys, Mitchell, S. D.

HELP WANTED—At once, good grower of roses, carnations, chrysanthemums and general potted plants for retail place. Address No. 194, care Florists' Review, Chicago.

HELP WANTED—In the west, good all-round florist; must be able to produce the goods; must be sober and industrious, capable of taking entire charge; reference; steady position for right man; state wages. Address No. 209, care Florists' Review, Chicago.

HELP WANTED—Experienced working floriculturist, thoroughly familiar with cut flowers, potted plants and landscape gardening; state age, nationality, education and experience; furnish first-class reference; position all year around; salary $50 per month and residence. Apply to H. W. Geller, Woodbine, N. J.

HELP WANTED—Young man on commercial place as pot grower of azaleas, begonias, Easter stock, bulbs, bedding stock and palms; will give full charge of pot stock; convenient place near fine city; wages, $14.00 per week; send references and nationality in first letter. Address No. 222, care Florists' Review, Chicago.

HELP WANTED—Superintendent and steward for large estate near New York City, with extensive grounds and greenhouses; must be thoroughly capable, educated man, not over 40, accustomed to keeping accounts, and especially with wide scientific, botanical knowledge and experience; none others need apply; liberal salary but highest references required. Address H, P. O. Box 822, New York, N. Y.

FOR SALE—5 greenhouses; a bargain; easy terms; profit $6,000 per year. T. A. Gettys, Amarillo, Tex.

FOR SALE—One boiler, 16 ft. long, 5 ft. diameter, containing 52 4-inch flues; price $60.00. George F. Odor, Iola, Kansas.

FOR SALE—Fine lot of second-hand steam pipe, guaranteed sound; write us for prices. Baur Gas Co., Eaton, Indiana.

FOR SALE—My Seedling Transplanter; with it you can set in 5000 plants per day; send for circular. Albert A. Sawyer, Forest Park, Ill.

FOR SALE—Well established floral wire design business in Chicago, doing a $2,000 to $2,500 business per year; could be increased; terms reasonable. For further information address No. 202, care Florists' Review, Chicago.

FOR SALE—A good live business and stock in an up-to-date lively factory town of 6000; will lease modern residence, greenhouses and land for a term of years; only those who mean business need to reply; southern Michigan. Address No. 134, care Florists' Review, Chicago.

FOR SALE—The long established florist business of John E. Haines, Bethlehem, Pa., recently deceased; 24,000 feet of glass; the business is now successfully and profitably conducted by his executor, but must be sold to carry out the provisions of his will. L. F. Leibfried, Executor, Estate of John E. Haines, dec., Bethlehem, Pa.

FOR SALE—Well established florist business in town of 10,000, with good resort trade; 9,000 ft. of glass in two modern King Construction Co. houses; Kroeschell hot water boiler; well stocked for winter and in good shape; we operate a store in a good location downtown, which we will rent if desired; greenhouse plant, with lease on land, $5,000; will also sell residence and land, if desired; write for details and a photo of plant, or call and investigate for yourself. The Flower Shop, Chas. S. Dutton, 24 W. 8th St., Holland, Mich.

FOR SALE—Royal Heater steam boiler, 1000 ft. capacity, used only two years; in first-class condition; cost $200.00, will sell for $125.00; also 655 ft. steam radiation at greatly reduced price. The Wing Seed Co., Mechanicsburg, Ohio.

FOR SALE—Richmond boiler, 11 twin sections, rated 5500 sq. ft. radiation, for steam; this boiler is as good as new, used two seasons, everything complete, automatic damper; $450.00 cash. F. o. b. cars, Swarthmore. The Swarthmore Fernery, Swarthmore, Pa.

Cash For Your Property or Business. I bring buyer and seller together, no matter where located. If you want to buy or sell, address FRANK P. CLEVELAND, 2780 Adams Express Building, Chicago, Ill.

HELP WANTED

A young man as a helper, who has had some experience in a commercial place. Position open January 1st. Send references and salary expected in first letter.

Hayman Greenhouse Co.
Clarksburg, W. Va.

BARGAINS in Return Steam Traps, Reducing Valves, Blow-Off Valves, Water Circulators

Robt. Ross Jones
HARRISBURG, PA.

Nursery for Sale

The old, well-established "Oak Grove Nursery," for years conducted by William B. Reed at Chambersburg, Pa. Seven greenhouses 18x130 ft. each, steam-heated, with about 20,000 2 and 3-yr.-old roses. Inquire of

JOHN M. McDOWELL, Executor
Chambersburg, Pa.

Wanted, Traveling Salesman
For Bulbs, Seeds, Etc.

Must be experienced and a good worker. State salary. Confidential. Address No. 216, care Florists' Review, Chicago.

Help Wanted
AT ONCE

Two assistant growers for Carnations, Roses and Bedding Stock. Must be strictly sober. Wages $55 00 per month to start. Apply to

Meredith Flower and Vegetable Co.
Libertyville, Ill.

WANTED
GOOD RELIABLE STORE MAN

Who has had experience. State wages and particulars in first letter.

THE LENOX FLOWER SHOP
584 Main St. Buffalo, N. Y.

THE NEW SEASON IS NOW AT HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

THE WEEKLY FLORISTS' REVIEW

NOW IS THE TIME TO

BEGIN!



Watch for our Trade Mark stamped on every brick of Lambert's

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

P. C. Trade Mark. **American Spawn Co., St. Paul, Minn.**

Mention The Review when you write.

Vegetable Forcing.

THE ACTION OF LIME.

I should like to ask whether air-slaked lime is as good a fertilizer as stable manure for tomatoes and early cucumbers, grown outdoors. Which will bring the better results?

O. C. M.

Lime is not a fertilizer. It acts on the constituents of the soil, making available as plant food substances that would otherwise not be in shape for the plants to assimilate. It is of value to all soils, but particularly so to soils that have been manured heavily for years, as in such soils there is likely to be much material that is not available. It should not be applied at the same time as a fertilizer, and you should use the stable manure heavily for your garden truck.

H. G.

SCORCHED LETTUCE LEAVES.

Under separate cover I am sending you a couple of lettuce leaves. Will you kindly tell me what causes the rust or dry rot on the edges of the leaves? It does not come till the lettuce gets nearly grown or ready for market. Sometimes a whole bed of it is affected. Any information you may give me as to the cause or remedy will be thankfully received.

W. E. G.

It is hard to tell just what caused these leaves to turn dry and brown at the edges. It can be caused in several ways. Too heavy a fumigation of tobacco smoke or cyanide might cause the trouble. It might also be caused by a soft, weak condition of the leaves, as often is the case after a spell of cloudy weather, when the sun suddenly comes out and withers the leaves slightly, and, on account of being soft, they burn at the edges. In a cool temperature or on cloudy days the evaporation from the leaves is much slower, so that the roots do not take up so much moisture to send up to the leaves and the circulation of sap is slower; hence a sudden change affects them too quickly, before the flow of sap is sufficiently increased, so as to feed the leaves fast enough to prevent wilting. In such cases, when the sun comes out unexpectedly after a cloudy spell, it is advisable to run the houses much cooler than the ordinary bright-day temperature.

H. G.

Mount Vernon, O.—Charles E. Sharp furnished over 1,100 chrysanthemums for the store opening of the A. A. Dowds Dry Goods Co.

Sturgis, Mich.—The greenhouses formerly owned by A. Richter, and known as the Sturgis Greenhouses, are now conducted by John W. Vogt, junior member of the firm of D. Vogt & Son. D. Vogt, the senior member, will continue to manage the business at Coldwater, Mich.

Livingston's Select Extra Early White Spine Cucumber

is of unequaled purity. Vines are thrifty and great bearers of straight, smooth pickles of remarkable earliness and uniform size, shape and lasting color. Unsurpassed for slicing, a trade-winner. Our "private strain" has been the best by test for over twenty years. Try it. **Oz., 10c; ¼ lb., 25c; lb., 95c; postpaid.**

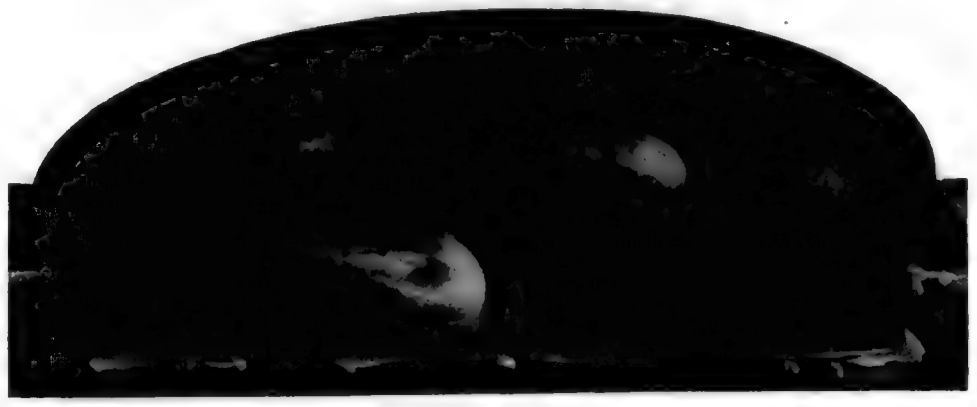
Davis Perfect. Handsome fruits of fine shape and good color. Re-selected stock. **Oz., 10c; ¼ lb., 30c; lb., $1.10; postpaid.**

Vickery Forcing. Uniformly dark green. A great bearer. **Pkt., 10c; oz., 35c; ¼ lb., $1.10; postpaid.**

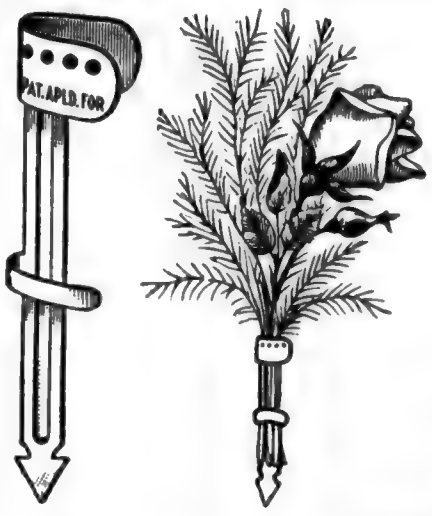
Rawson's Hothouse. Handsome, deep green fruits. Longer than ordinary White Spine. **Pkt., 10c; oz., 45c; ¼ lb., $1.35; postpaid.**

Wholesale and Retail Catalogues ready now. Address inquiries and orders to

The Livingston Seed Co., Desk R, Columbus, Ohio



Mention The Review when you write.



BEHRE'S IMPROVED MODEL

STEM-ER

Patent applied for.

A time-saver to the extent of lessening over 50% of the labor, together with the grace in which the leaves and flowers can be set by the firm hold the Stemmer has upon them, **making them an article of perfection.** They are now being used by leading designers.

Prices: From 1000 to 5000 at 75c per 1000; 10,000 lots at 70c; 25,000 lots and over at 65c. At your dealer's or direct from the factory.

E. H. BEHRE, Madison, N. J.

Mention The Review when you write.

CUT FLOWER BOXES

and FIBER SHIPPING CASES

It will pay you to get our samples and prices before ordering.

THE J. E. SMITH CO.

6-8-10-12 N. Central Ave., Baltimore, Md.

Mention The Review when you write.

Special to the Trade

We make a specialty of growing all kinds of Vegetable Plants for the Seed and Plant Trade, including the best varieties of Forcing Tomatoes, Asparagus, Cauliflower, Egg Plants, Peppers, Parsley, Lettuce, Cabbage, etc. Special prices made on large orders for spring delivery. Let us know your wants.

We have a fine lot of Tomato Plants, transplanted and potted: Comet, Lorillard, Bonny Best, Sutton's A-1, Sutton's Abundance and Winter Beauty, also Extra Early Erfurt and Snowball Cauliflower.

Cash required with orders from unknown correspondents

Fox-Hall Farm, R. F. D. No. 2, **Norfolk, Va.**

Mention The Review when you write.

STANDARD MAIL TUBES

The safe and dependable way to send **plants** by mail or express.

Economical to use, and no "come backs."

They stand up under the hardest tests.

Send for samples.

Standard Mfg. Co.

Second and Vine Sts., PHILADELPHIA, PA.

Mention The Review when you write.

BEST FRENCH SEED.

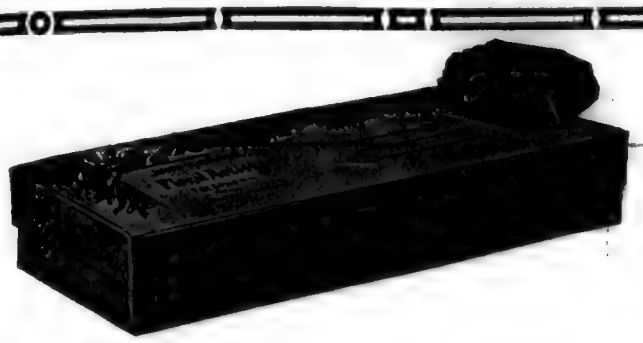
Radish, Scarlet Globe; Self-Blanching Celery; Lettuce, Improved Big Boston (quality extra), Black Seed Big Boston, Beaulieu's Forcing, 45 head fill up a barrel; Beaulieu's Globe White Tipped Forcing (½ pink, ½ white) new radish; White Tipped Scarlet turnip; Beet, Detroit, Crosby; long smooth parsley, large rooted, extra; Spinach, Savoy, Viroday, Triumph, etc.; Endive, Curled and Escarolle. All this has been selected by myself and is the quality as used by the market gardeners of Paris. Send for prices.

BEAULIEU,

Woodhaven, Borough of Queens, New York.

Mention The Review when you write.

Coffeyville, Kan.—The Forest Park Floral Co. operated a branch downtown store in the week preceding Christmas.



SEFTON FLORISTS' BOXES

CORRUGATED DESIGN STYLE AND FOLDING CUT FLOWER BOXES

Florists' success in shipping flowers depends to the greatest extent upon the point where their interest ceases in the sale of flowers. The progressive, prosperous florist retains his interest in a customer's order until it reaches destination, and for that reason he is careful to select the proper style and grade of box to insure safe delivery of his flowers.

Particular Florists are users of **Sefton Corrugated Fibreboard Boxes** for the shipment of Floral Designs as well as our superior line of **Folding Cut Flower Boxes.** They know from experience that Sefton Boxes combine high quality with low price and make neat, attractive packages which carry the flowers safely to destination. **Write for our Flower Box Price List.**



THE SEFTON MFG. COMPANY
1333 W. 35th ST., CHICAGO, ILL.
FACTORIES: CHICAGO, ILL. ANDERSON, IND. BROOKLYN, N. Y.



Order Boxes Now

for your Holiday Trade. They will pay for themselves in saving of time and material, and your shipments will be delivered to your customers in perfect condition.

Send for Information

Lord Plant Box Co.

524 Andrus Bldg., MINNEAPOLIS, MINN.

Mention The Review when you write.

BETTER BOXES

are our constant aim. Made to your special order—any size, shape or design, lined or unlined. Ask for particulars today.

Phone Dearborn 423

H. SCHULTZ & CO., Superior and Roberts Sts., **Chicago**

Mention The Review when you write.



Always mention the Florists' Review when writing advertisers.



H. & D. FLORISTS' BOX

Universally used for shipping cut flowers and designs. The dead-air cells form a perfect non-conductor of heat and cold, thus preserving contents much longer than ordinary wood box.

H. & D. Florists' Box can be used several times. Is much lighter than the ordinary box, thus saving in express charges.

Write for Catalogue
"HOW TO PACK IT"

THE HINDE & DAUCH PAPER CO., Sandusky, O.

Mention The Review when you write.

Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$1.90 per 100
No. 1	3x4¼x16	1.75 per 100
No. 2	3x6x18	2.25 per 100
No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x28	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x30	6.25 per 100
No. 11	3¼x5x30	3.25 per 100
No. 12	6x12x39 (telescope)	10.00 per 100
No. 13	5x10x30	5.50 per 100
No. 14	6x16x39	10.00 per 100

This list will cancel all former lists.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

LIVINGSTON SEED CO.
COLUMBUS, OHIO

Always mention the Florists' Review when writing advertisers.



CLIMAX CLASSY CUT FLOWER BOXES

Five Grades—Oxford Gray, Mist Green, Nonpareil Green, White Carnation and our popular "Favorite Grade"—the latter a heavy, full telescope shipping box. All popular sizes in stock for immediate shipment. Before placing order, it will pay you to write for prices and samples. Address

THE CLIMAX MANUFACTURING CO.
200 Factory St., CASTORLAND, N. Y.

Always mention the Florists' Review when writing advertisers.

J. A. VALENTINE, Denver, Pres.
Other Directors: Ernst Wienhoeber, Philip Breitmeyer, A. B. Cartledge, W. F. Gude, George Asmus, Fred H. Meinhardt.
Mutual Discounts 20 per cent. Provision for guaranteed accounts

W. J. PALMER, Buffalo, Vice-Pres.

Florists' Telegraph Delivery

(RETAILERS' SECTION—S. A. F. & O. H.)

W. L. ROCK, Kansas City, Treas.
Write for particulars to
IRWIN BERTERMANN, Secretary,
241 Massachusetts Avenue,
Indianapolis, Ind.

INDIANAPOLIS.

The Market.

Christmas trade in most instances was much better than last year. Stock of the better grades was sold clean and brought good prices. Roses sold especially well this year, bringing from $3 to $6 per dozen retail. Carnations were not more than enough to go around, bringing $1.50 and $2 per dozen. American Beauties brought $12 to $18 and $24 per dozen. Violets did not move so well as last year, bringing $3 to $4 per hundred. Valley, Paper Whites and hyacinths retailed at $1 per dozen. Quantities of poinsettias were sold at from $3 to $6 per dozen.

Potted plants sold exceptionally well this year, azaleas, cyclamens, Lorraine begonias, hyacinths and primulas being moved in quantities. The higher priced plants and made up arrangements were quite in demand this season.

Various Notes.

Irwin Bertermann received a Christmas present that he should be proud of; it was twin boys.

Chas. Schwake, with C. F. Meyer, called on the trade last week.

Albert Pittet left last week for a brief trip to Europe.

Geo. Welmer has taken a position with E. A. Nelson.

A. Wiegand & Sons report the best Christmas trade they have had, an increase of twenty-five per cent over last year. This firm had a heavy sale of blooming plants, especially azaleas and made up arrangements.

C. A. Rieman, of Connersville, and Mr. Meiklejohn, with H. F. Darrow, were visitors last week.

John Rieman says that his Christmas trade was up to expectations, everything being cleaned up with the exception of a few violets.

Mrs. E. A. Nelson, who has been ill, is able to be about again.

Bertermann Bros. report an excellent Christmas. Roses, carnations, holly and blooming plants sold well with this firm.

Baur & Steinkamp had a fine cut of carnations for Christmas, Mr. Baur says the best that he ever has had.

H. L. W.

MADISON, N. J.

M. C. Ebel, head of the Aphine Mfg. Co., is busily engaged in experimenting with a new product which his company expects to place on the market shortly. He has named it Scaline, the material being a combination insecticide and fungicide, a combination of oils and sulphur. It is intended for destroying San Jose scale, the cottony maple aphis and other sap-sucking insects infesting fruit and ornamental trees, shrubs and hardy plants generally, and at the same time as a remedy for the control of the various fungi affecting trees and shrubbery. Mr. Ebel contends that his material can be applied as safely in the growing as in the dormant season.

NEW YEAR GREETINGS
To the FLORISTS' TRADE from
The Pine Tree Silk Mills Co.
PHILADELPHIA
Manufacturers Pine Tree Ribbons
Importers Chiffons

Mention The Review when you write.

There's Money for You in Goldfish



$3.00 per 100 and up
Send for Catalogue
and our Special Assortments. Largest dealers in Goldfish and Aquarium Supplies in the United States. Sea Moss, Japanese Fish.
AUBURNDALE GOLDFISH CO.
920 W. Randolph St., Chicago, Ill.
PHONE HAYMARKET 152

Mention The Review when you write.

Plants Sell Better



when the ugly clay pots are hidden by the attractive and artistic
EVER-READY POT COVERS
Strong cardboard foundation. Best quality waterproof crepe paper, silk fiber ribbon ties at top and bottom. Firmly held with improved metal fastenings. Furnished in four colors and many sizes. Write for samples and price list today.
EVER-READY FLOWER POT COVER CO.
146 Hughes Ave., Buffalo, N. Y.

Illinois Self-Watering Flower Boxes
are gaining popularity every day. Send for our booklet and learn about a proposition that every live florist should understand.
American Metal Box Co.
2005 Michigan Ave., - CHICAGO
Conard & Jones Co., West Grove, Pa.
Agents for New York, New Jersey and Penna.

Lebanon, N. H.—The Haskell Floral Co. has replaced two small greenhouses with a larger one, 30x130, which will be used for carnations.

East Bridgewater, Mass.—J. K. Alexander, proprietor of the East Bridgewater Dahlia Gardens, was recently given a half-column write-up in a Brockton newspaper, telling about his fields of dahlias, cannas, phlox, peonies, gladioli, etc., and giving a list of over twenty prizes that he has won during the last year.



Raedlein Baskets
add greatly to the attractiveness of cut flowers and plants.
Stock up now for the winter trade.

We have a complete line of cut flower and plant baskets and offer our popular
Assortments From $10 Up
Your check enclosed with your order will bring prompt shipment.
When you buy from us, you buy from the factory—at factory prices.
THE RAEDLEIN BASKET CO.
717 Milwaukee Ave., Chicago
Factories: Ebersdorf and Weidhausen, Germany.

Mention The Review when you write.



SPLIT CARNATIONS
Quickly, easily and cheaply mended. No tools required.
Pillsbury Carnation Staple
Patented 1908.
2000 for $1.00 postpaid.
I. L. PILLSBURY
GALESBURG, ILL.

Mention The Review when you write.

BUY YOUR FLORISTS' SUPPLIES FROM
L. BAUMANN & CO.
357-359 W. Chicago Ave., CHICAGO, ILL.
We have the largest and most complete stock, Sea Moss, or Japanese Air Plant; Natural prepared Ferns, Cycas Leaves, Magnolia Leaves, Cycas Wreaths, Magnolia Wreaths, Moss Wreaths. Metallic Designs and a big line of Novelties.

Always mention the Florists' Review when writing advertisers.

Seven Pages of Retailers' Cards

This department for the cards of Leading Retail Florists — those florists who have the facilities for filling the orders sent them by other florists — has made possible the recent rapid development of this branch of the business, a branch of the trade now established for all time and so helpful that its volume will keep on increasing for many years.

Are you sending and receiving your share of these orders? You can send your share (and make 20 per cent profit without effort) if you let your customers know you can perform this service for them. To receive your share—well, The Review's department for Retailers' cards remains the one way of getting prompt action on the order in hand.

To be represented costs only 70 cents per week on a yearly order. This is for one-inch space. Other spaces in proportion.

Why not send your order today—now—before you forget it?

LOUISVILLE, KENTUCKY

JACOB SCHULZ, Flower Shop, 550 South Fourth Avenue, Greenhouses, 831 Cherokee Road.

Personal attention given to out-of-town orders for Louisville and surrounding territory. Member Florists' Telegraph Delivery

E. R. FRY, Florist
Rochester, N. Y.
I have constantly on hand a seasonable variety of fresh cut flowers, which I will deliver promptly in Rochester and adjoining towns.

KENOSHA, WIS.
and all points between
CHICAGO AND MILWAUKEE
Mail, wire or phone your orders to
P. N. OBERTIN, 567 Chicago St., KENOSHA, WIS.

Indianapolis, Ind.
241 Massachusetts Ave.
Bertermann Bros. Co.
LEADING FLORISTS
Members Florists' Telegraph Delivery Ass'n.

Lexington, Ky.
JOHN A. KELLER, Florist
High Grade Cut Flowers and Designing : : : :
All orders entrusted to us for Central Kentucky will have careful attention.

Lang Floral & Nursery Co., DALLAS, TEXAS
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

Prompt and personal attention given all orders.
MRS. J. T. HINCHLIFFE
FLORIST
504-506 Wisconsin St., Racine, Wis.

Special care taken with telegraph orders for
DETROIT AND VICINITY
L. Bemb Floral Co., Albert Pochelon, Prop., 153 Bates St.

Chas. W. Crouch, KNOXVILLE, TENN.
The Leading Florist of the South
All Orders Given Special Attention

GEO. C. BAKER, Florist
206 E. Park Ave., San Antonio, Texas

Mankato, Minn.
The Windmiller Co.
Will fill orders for Minnesota and the Dakotas.
Member Florists' Telegraph Delivery.

Newark, Ohio
CHAS. A. DUERR, The Arcade Florist
Auto. Phone 1840
Greenhouses, Granville, Ohio—Phone 26
Member Florists' Telegraph Delivery

WASHINGTON.

The Market.

The holiday trade is on in full blast and nobody has any complaint to make, unless it be on account of lack of time or on account of the bad weather. Despite several rainy days preceding Christmas, nearly all the local florists were rushed. As a rule, stock was equal to the demand, although no flood of flowers was noticed. There was a profusion of holly, wreaths and other Yuletide greens available, but the Christwas rush pretty well cleaned out the supply.

Most of the stores were so crowded for several days that it was difficult to get into them and almost impossible for your correspondent to obtain satisfactory interviews with the proprietors. The latter simply threw up their hands, exclaiming, "Too busy to talk." Christmas trees were plentiful and went well, some of the stores reminding one of young forests. Pine cones, red berry-bearing plants of various kinds, and other brilliant scarlet decorative articles have been displayed freely in windows, in show cases and on the walls and ceilings of stores.

Roses have not been too plentiful. More Beauties might have been used. Carnations are bringing 10 to 12½ cents each. Poinsettias have gone well. Violets have been selling well and bringing good prices. Orchids have been high. A few Nonin mums have

BUTZ BROS.
Established 1851
New Castle, Pa.
Orders executed between Pittsburg and Erie and all western Pennsylvania points.

Canada's Florist
Dunlop's
96 Yonge St., TORONTO

"WE NEVER SLEEP"
IDLEWILD GREENHOUSES, **Memphis, Tenn.**
89 South Main Street
"Up-to-the-minute" Service and Execution.
Every Flower in Season.

WILSON BROOKLYN
New York
Telephone, 6800 Prospect

Louisville, Ky.
F. WALKER & CO., 634 Fourth Ave.

Pontiac, Ill. W. J. Miller & Son 412 E. Payson St.

All orders receive prompt and personal attention.
LOU HELEN DUNDORE, THE ROSERY
110 W. King St., LANCASTER, PA.

CORNELL and WELLS COLLEGES and
CENTRAL NEW YORK ORDERS
Dobbs & Son, Wholesale and Retail Florists, Auburn, N.Y.

CLARK, FLORIST, SCRANTON, PA. 124 Washington Ave.
Member Florists' Telegraph Delivery. Orders for Northeastern Pennsylvania filled promptly. Usual discount. Both Phones No. 2454.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Bell Main 2809
Cuy. Central 1866

The Smith + Fetters Co.

LEADING FLORISTS

735 Euclid Ave., CLEVELAND

Samuel Murray

KANSAS CITY, MO.

913 Grand Ave.

All Orders given Prompt and Careful Attention

Member of the Florists' Telegraph Delivery.

Cable and Telegraph, Franzen. Phone Rav. 2876

CHICAGO

FRANZEN

1476-78 SUMMERDALE AVE.

TRENTON, N. J.

MARTIN C. RIBSAM

THE FLORIST

Messenger delivery to Princeton, New Brunswick, Bordentown, Hightstown, Lawrenceville and Lambertville, N. J.

Send You: **PHILADELPHIA** Orders to...

CHARLES HENRY FOX

BROAD AND WALNUT STREETS

Always on time

Rockford, Ill., H. W. Buckbee

S. B. STEWART

119 No. 16th St., OMAHA, NEB.

Wholesale and retail orders for CUT FLOWERS, FUNERAL DESIGNS, etc. by telegraph will receive prompt attention at

IRA G. MARVIN'S, Wilkes-Barre, Pa.

Benson's Flowers

Indianapolis, Ind. DELIVERED ANYWHERE

R. Strohmeier, Aberdeen, S. D.

Prompt Attention Given to Out-of-town Orders

Orders for **Charleston, W. Va.**

are given prompt and careful attention by the

CHARLESTON CUT FLOWER AND PLANT CO.

Brockman's Flower Shop **Fort Smith, Ark.**

Leading florists in fastest growing city in the southwest.

Archias Floral Co SEDALIA, MISSOURI

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

J. F. WILCOX & SONS, 521 Broadway, Council Bluffs, Iowa.

Wholesale and Retail

Largest Greenhouse Establishment West of Chicago.

Orders delivered anywhere, including Iowa, Nebraska, North Dakota and South Dakota. Free deliveries to Omaha.

MILLS THE FLORIST, Inc.

36 W. Forsyth Street

Jacksonville, Fla.

We reach all Florida and South Georgia points.

Send flower orders for delivery in

BOSTON AND ALL NEW ENGLAND POINTS

To THOS. F. GALVIN, Inc.

124 TREMONT ST. BOSTON

North Dakota IOWA All Orders Promptly and Properly Executed.



South Dakota MINN. 40,000 feet of Commercial Cut Flowers.

The Newburys, Mitchell, S. D.

Established 1859.

A. Wiegand & Sons

Florists and Decorators

1610 to 1620 N. Illinois St., Indianapolis, Ind.

Indiana's oldest, largest and most complete retail establishment.

Oklahoma City, Okla.

THE STILES CO.

Best able to fill orders for delivery in Oklahoma

MEMBERS FLORISTS' TELEGRAPH DELIVERY

Tonseth Floral Co.

325 Morrison Street

GROWERS AND RETAILERS

Portland, Ore.

The Fernery **SCHULTHEIS, FLORIST**

Write, Phone or Wire 619 Linden St., SCRANTON, PA.

Orders for southern MINNESOTA and northern IOWA will be properly cared for by

A. N. KINSMAN, Austin, Minn.

INDIANA and ILLINOIS

Promptness and very Freshest Flowers.

N. B. & C. E. STOVER, 118 So. 6th St., TERRE HAUTE, IND.

Frey & Frey, 1338 O St. **Lincoln, Neb.**

Wholesale and Retail

100,000 sq. ft. of glass at your service. Trade discount

Minneapolis, Minn. LEADING FLORISTS

SWANSON'S, 618 Nicollet Ave.

DRUMM SEED and FLORAL CO.

507 Houston St., FORT WORTH, TEX.

Headquarters for Cut Flowers and Funeral Designs

J. J. BENEKE

1216 Olive St. ST. LOUIS, MO.

Baltimore, Md.

ALBERT G. FIEDLER & CO., 902 South Charles St.

I. N. KRAMER & SON

CEDAR RAPIDS, IA.

Colorado Springs, Colo.

Frank F. Crump Wholesale and Retail Florist

Member Florists' Telegraph Delivery.

---

been on sale for Christmas. Potted plants of all kinds have been in great demand.

Various Notes.

One of the features of the holiday season is the establishment of J. H. Small & Sons in their new store, at Fifteenth and H streets. This firm was promised its new quarters by November 1, but was delayed nearly two months by the failure of contractors to work on time. As it is, the interior finish is not complete, but temporary arrangements were made to accommodate the firm, beginning with the holiday rush. Located at one of the best corners in the new business section of Washington, and in the Woodward, the newest and one of the biggest office buildings in town, the Small store has ten huge windows facing on two streets and on the building arcade. Inside there are 4,000 feet of floor space, besides much cellar space below. The floor is of patent German cement, which is waterproof. There are huge refrigerators on either side of the office, and others in the cellar. It is planned to have these cooled by air from a chemical refrigeration plant, no ice being used. In this respect the new store takes after the Small store in New York. The new store lends itself remarkably well to decoration. The firm will probably retain its old quarters at Fourteenth and G streets throughout the winter.

W. R. Smith, superintendent of the botanical gardens, who has been confined to Providence hospital for several weeks with a serious illness, is back at his little cottage in the garden to spend the holidays with his family. He is reported to be in pretty good condition,

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

LOUISVILLE, KENTUCKY — M. D. REIMERS

New Location, "THE SEELBACH," and 223 S. FOURTH AVENUE

CHOICEST CUT FLOWERS

PERSONAL ATTENTION GIVEN TO OUT-OF-TOWN ORDERS

Orders for

BIRMINGHAM, ALA.

Well taken care of by

AMZI GODDEN SEED CO.

Established 1857.

Facilities for supplying everything in the line of CUT FLOWERS AND DESIGNS

BUFFALO

S. A. ANDERSON

440 MAIN STREET

Special Deliveries Niagara Falls and Lockport

Your orders for ATLANTIC CITY, N. J., will be carefully filled by

George H. Berke

1505 Pacific Ave.

Member Florists' Telegraph Delivery.

Write, Wire or Phone your orders to

YOUNG'S

1406 Olive St., ST. LOUIS, MO.

Regular discount allowed on all orders, either Plants or Cut Flowers.

Phones: Bell, Main 2306; Kinloch, Central 4981

SAN FRANCISCO

Podesta & Baldocchi

224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

The Cleveland Cut Flower Co.

CLEVELAND, OHIO

Will fill your orders for Designs or Cut Flowers in Northern Ohio.

MARION FLORAL CO., **Marion, Ind.**

Central Northern Points. Store: 406 South Adams

MRS. J. B. FREEMAN, LEADING FLORIST, Successor to Geo. A. Heinl **Toledo, Ohio**

All Orders Promptly Executed.

PROVIDENCE, R. I.

and all New England Points

T. J. JOHNSTON & CO.

171 Weybosset Street, Providence

BEYER FLORAL CO. SOUTH BEND, IND.

Daily deliveries to Notre Dame University and St. Mary's Academy.



SEND YOUR ORDERS FOR DIXIE LAND TO

IDLE HOUR NURSERIES

MACON, GEORGIA

All Choice CUT FLOWERS in Season

Orchids and Valley a specialty

MYER

L. D. Phone 6297 Plaza

609-11 Madison Ave., New York

John Bauscher, Jr., FREEPORT, ILL.

100,000 SQUARE FEET OF GLASS.

At Your Service.

---

considering his age and what he has been through. His friends hope for favorable progress of his case in the new year.

Albert Schnell, manager of the Washington Florists' Exchange, is confined to his bed by blood poisoning, supposed to be due to the prick of a rose thorn in his finger. The trouble has centered under his arm. Several doctors have been consulted and it is hoped that an operation will not be necessary.

Some of the finest holiday narcissi are the product of Albert F. Esch's greenhouses, at 63 O street. He specializes in yellow narcissi, which are a comparative rarity around here, selling for $4 per hundred. His white narcissi and Roman hyacinths are fine.

William F. Gude is one who was satisfied with the rain. He said it gave him an opportunity to get out telephone and mail orders before the Christmas eve rush. His store for the last week has been a bower of beauty.

Combination rustic baskets of greens, flowers and red ribbons, with singing canaries in small cages as the centerpieces, have been featured by Small & Sons and Z. D. Blackistone. One of the

---

We Guarantee Satisfaction

A. T. Bunyard FLORAL CO.

413 Madison Ave., Cor. 48th St., NEW YORK

Bellevue Avenue, Newport, R. I.

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand.

McKenna

MONTREAL

JOHN BREITMEYER'S SONS

Corner Broadway and Gratiot Ave.,

DETROIT, MICH.

FRED EHRET

WHOLESALE AND RETAIL FLORIST

1407 Fairmount Ave. and 702 N. Broad St.,

PHILADELPHIA

Orders for Philadelphia and surrounding country carefully filled on short notice.

Telephone 334 Main

S. Masur

236 Fulton St., Brooklyn, N. Y.

VASSAR COLLEGE

The Saltford Flower Shop, Poughkeepsie, N. Y.

WELLESLEY COLLEGE

Dana Hall, Walnut Hill, Rockridge Hall Schools

TAILBY, Wellesley, Mass.

Long Distance Tel., Wellesley 44-1, 44-2, 44-3.

TEXAS Dallas Floral Co.

DALLAS, TEX.

H. F. GREVE, Prop.

Rosemont Gardens

W. B. Paterson, Prop. 116 Dexter Ave., MONTGOMERY, ALA.

HESS & SWOBODA, FLORISTS

Telephones 1501 and L 1582

1415 Farnum Street OMAHA, NEB.

U. J. VIRGIN

838 Canal St. NEW ORLEANS, LA.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

DARDS, N. E. Cor. 44th Street and Madison Avenue, Telephones 4025-4026, 38th Street, NEW YORK

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union — Member Florists' Telegraph Delivery. — Established 1874

WILSON DELIVERS EVERYWHERE
New York New Jersey Long Island
BROOKLYN
3 AND 5 GREENE AVENUE
Tel. No. 6800 Prospect

Send Orders for Washington, D.C. and vicinity to Blackistone's Everything First-Class 14th and H Streets

The Livingston Seed Co.
FLORISTS
COVER ALL OHIO POINTS
114 N. High Street, COLUMBUS, OHIO

Seattle, Washington
Hollywood Gardens
1534 SECOND AVENUE
MEMBERS FLORISTS' TELEGRAPH DELIVERY
Mention The Review when you write

Colorado Springs, Colo.
Orders Carefully Executed
PIKES PEAK FLORAL CO.
Wholesale and Retail

PORTLAND, ORE. Clarke Bros. FLORISTS OAKLAND, CAL.

Evanston and Chicago
JOHN WEILAND, EVANSTON, ILL.

H. W. FIELD, The College Florist
NORTHAMPTON, MASS.
Home of Smith College
Send your orders to him for prompt and careful attention.

Deliveries to Northwestern University and all North Shore Towns.
FISCHER BROS. 614 Dempster St., EVANSTON, ILL. L. D. Phone 2642

KALAMAZOO, MICH.
G. Van Bochove & Bro., The Leading Florists

MONTREAL, We can fill all orders.
HALL & ROBINSON, 625 St. Catherine Street, West

DALLAS, TEXAS
The Texas Seed & Floral Company
Orders for cut flowers and designs solicited for delivery in any part of Texas.

LA CROSSE FLORAL CO. La Crosse, Wis.
will properly execute orders in Wisconsin or the northwest.

Wholesale and Retail orders for Cut Flowers, Funeral Designs, etc., receive prompt attention.
CLEVELAND, OHIO
G. M. NAUMANN & SON

Pittsburg, Kan.—Bartlesville, Ok.
THE STEINHAUSER FLORIST & NURSERY CO. (Inc.)
Growers and Shippers—Wholesale and Retail
Out-of-town orders given special and personal attention. Give us a trial.

LINCOLN, NEB. CHAPIN BROS. Retail Florists
Flowers for All Occasions, from Cradle to Grave

South and Southwest Texas and sailing from Galveston.
H. H. KUHLMANN, Florist
2507 Jackson St., S. W. Phone, Hadley 1926-2230
2526 Washington St., Opp. Glenwood Cemetery, S. W. Phone, Taylor 628-1081.
Up town, 913 Main St., S.W. Phone, Preston 7141.
HOUSTON, TEXAS

E. O. LOVELL GRAND FORKS
Will give prompt attention to all orders for delivery in North Dakota

TRILLOW FLORIST Des Moines, Iowa
Will promptly execute all orders in this vicinity.

A. C. BROWN, SPRINGFIELD, ILLINOIS
LARGE GREENHOUSES

Aurora, Ill. Jos. M. Smely
and vicinity Phones 147

Boehringer Bros.
325 Park Avenue, BAY CITY, MICH.

Richmond, Ind.
FRED H. LEMON & CO.
Florists and Decorators. Send us your orders.

TERRE HAUTE, IND.
JOHN G. HEINL & SON 129 South 7th Street

W. P. McFARLAND L. C. McFARLAND
McFARLANDS, Florists
AKRON, OHIO

Mrs. M. E. Hollcraft
807 Kansas Ave., TOPEKA, KAN.

MICHIGAN Orders will be carefully cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS.

Minneapolis Floral Co., WHOLESALE and RETAIL FLORISTS
MINNEAPOLIS, MINN.
Funeral designs on short notice. One of the largest establishments west of Chicago.

finest of these baskets was sent to the White House to grace Mrs. Taft's room.

H. C. H.

COLUMBUS, O.

The Market.

Christmas trade was good here this season and everyone reports the heaviest business for several years. While stock was not plentiful, the prices were up and this made up for the falling off in quantity. Roses were of good quality as a rule, but there were hardly enough to go the rounds; however, they brought good prices, especially the fancy stock. Beauties were up too high for any great quantity to move and consequently the number was comparatively small. Carnations, as usual, were more in demand than any other stock and brought good prices, the quality being especially good considering the amount of cloudy weather we have had. The supply consequently was at a minimum and everything cleaned up in good shape.

Violets were in good demand and the quality was excellent; as a result they sold out early. Valley was fine and fairly plentiful and narcissi sold well. Cut poinsettias were in demand and there was quite a large supply of them. There were numerous calls for chrysanthemums, but only a few were seen on the market.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Alexander McConnell

611 Fifth Avenue, Windsor Arcade — **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Calls: 340 and 341 38th Street — Cable Address: ALEXCONNELL — Western Union Code

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, **Pittsburg, Pa.**

Largest Floral Establishment in America

Established 1874--Incorporated 1909

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

Winona and Rochester, Minn.

For prompt and particular attention send your orders for Southwestern Wisconsin and Southern Minnesota to

John Fuhlbruegge

Grower and Retailer

ST. PAUL, MINN.

The Largest Store in America.

Members Florists' Telegraph Delivery.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

PASADENA, CAL.

13 East Colorado St.

The Orchid

Also all Los Angeles orders promptly filled.

MRS. LORD'S FLOWER ROOM

112 W. 8th Ave., TOPEKA, KAN.

STATE NURSERY CO.

CUT FLOWERS

155,000 sq. ft. of glass at your service. HELENA, MONTANA

Freeport Floral Co.

Telegraphic orders promptly attended to. FREEPORT, ILL.

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order.

11 North Pearl St., - ALBANY, N. Y.

Rock's Flowers Kansas City

Wm. L. Rock Flower Co.

KANSAS CITY, MO.

1116 Walnut Street

Members Florists' Telegraph Delivery

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Max Schling

NEW YORK

No. 22 West 59th Street

Adjoining Plaza Hotel

W. S. Lee Floral

Hippodrome Building.

44th STREET & SIXTH AVE.

TELEPHONE 714 BRYANT — NEW YORK

STEAMER ORDERS A SPECIALTY.

CHICAGO

A. LANGE,

25 E. Madison Street

GALESBURG, ILL.

I. L. PILLSBURY—For Central Ill.

Member Florists' Telegraph Delivery Association.

There was plenty of holly on the market, but the bulk of it was of poor quality; holly seems to be getting worse and worse every year on this market. Holly wreaths and festooning came in for their share of the call and a large quantity was disposed of. There was a fine lot of pot plants in the market and they moved quickly at good prices. Azaleas were among the best sellers and some exceptionally good plants were to be seen. Poinsettias were quite plentiful in both cut flowers and plants and were all cleaned up early. Begonias were plentiful and sold well, but at figures far too low for the quality of stock. Cyclamens proved good sellers and some fine plants were on the market.

Various Notes.

Wm. Metzmaier reported heavy business in plants, cut flowers and Christmas trees.

Sherman Stephens says business was rushing for several days at his place.

Graff Bros. say it was the heaviest Christmas ever experienced.

The Fifth Avenue Floral Co. had

HUGO H. JAHN

710 Nostrand Avenue,

Tel. No. 1952 Bedford BROOKLYN, N. Y.

Will deliver to Steamships, Theaters, anywhere within 20 miles of New York.

ARTISTIC WORK. PERSONAL ATTENTION.

Special care of your telegraph orders.

W. J. Palmer & Son

304 Main St., BUFFALO, N. Y.

Members Florists' Telegraph Ass'n

Orders by wire receive prompt and careful execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

ST. LOUIS, MO.

Flowers Delivered in City or State on Short Notice

F. H. WEBER

BOYLE AND MARYLAND AVENUES

Both Long Distance Phones

M. A. Bowe

IN HEART OF NEW YORK CITY

12 W. 33d Street, N. Y.

Opposite the Waldorf-Astoria.

Phone Madison Sq. 6404. Our Motto—The Golden Rule

George G. McClunie, Florist

187 Main St., HARTFORD, CONN.

Orders solicited for Connecticut and nearby points.

Tel. Charter 5591-2. Floral Designs a Specialty.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

CHICAGO — Send Your Orders to.. William J. SMYTH

Member Florists' Telegraph Delivery Association. **Michigan Ave., at 31st St.**

Established 1857.

Wittbold FLORIST

737-739 Buckingham Place

L. D. Phone 1112 Graceland — CHICAGO

Send us your retail orders. We have the best facilities in the city.

"WE STRIVE TO PLEASE"

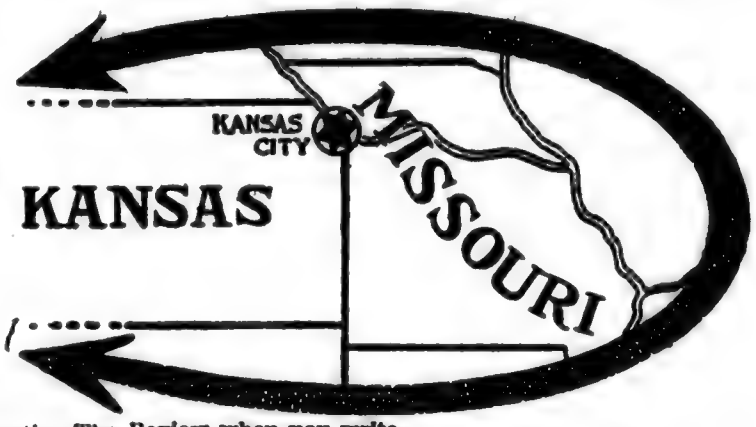
ALPHA FLORAL Co.

1008 WALNUT—PHONES HARR. 1806

Kansas City, Missouri

The largest Florists in the Central West

A. ELBERFIELD, Proprietor



Mention The Review when you write.

Write, Wire or Phone

JOHN WALKER

11 S. PHELPS STREET

Youngstown, O.

Careful attention given to out-of-town orders. Trade discount allowed.

CLEVELAND

...THE...

J. M. GASSER COMPANY

EUCLID AVENUE

We ship all points in Ohio. The best of everything in Flowers.

BOSTON, MASS.

Penn, The Florist

"Penn, The Telegraph Florist"

Members of Florists' Telegraph Delivery Association.

37-43 BROMFIELD STREET

DENVER, COLO.

FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice.

Daniels & Fisher.

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver."

GEO. M. KELLOGG FLOWER & PLANT CO.

Wholesale and Retail Florists

1122 Grand Avenue, KANSAS CITY, MO

All Kinds of CUT FLOWERS in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

YOUNG & NUGENT

NEW YORK : 42 W. 28th St.

In the theater district. Exceptional facilities for delivering flowers on outgoing steamers. Your orders will receive prompt and careful attention. Wire, telephone or write us.

H. F. A. LANGE

Worcester, Mass.

Delivers to all points in New England. 125,000 square feet of glass.

We are Prepared to Fill Orders for any Section of South Jersey at any time.

EDWARDS FLORAL HALL CO.

1700 Pacific Avenue,

Nurseries: Mediterranean and South Carolina Aves. ATLANTIC CITY, N. J.

Send orders for delivery in **ROCHESTER, N.Y.**

and all points in Western New York to

H. E. WILSON, 88 East Main Street

Baker Bros. Co. **Ft. Worth, Tex.**

Send Orders for the Southwest

Best Railroad Center in the State.

Battle Creek, Mich. S. W. COGGAN, Leading Florist

11 West Main St. All cut flowers in season. Funeral designs or potted plants. Careful attention and prompt delivery guaranteed to any part of Michigan.

MOBILE, ALABAMA

The Minge Floral Co.

CAPITAL CITY GREENHOUSE CO.

MADISON, WIS.

Order of us. Best shipping service for Wisconsin

C. L. VAN METER, Florist **MONTICELLO, IA.**

Orders solicited to be delivered anywhere.

Specialist in Cut Flowers and Designs

SIOUX CITY, IOWA Supplies western Iowa, southern Minnesota, all of South Dakota, northeastern Nebraska.

J. C. RENNISON CO.

PEKIN ═══ PEORIA

All orders receive personal attention.

GEO. A. KUHL, Pekin, Ill.

BALTIMORE, MD. And All Southern Points.

PIERCE & CO. 509 N. Charles Street, BALTIMORE, MD.

heavy business both in plants and cut flowers and everything cleaned up nicely.

Livingston Seed Co. reports heavy business all along the line.

The market men handled quantities of Christmas greens, holly, etc., but there is quite a little left on hand, especially in the tree line, as the market was overstocked on them this year.

J. M.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Olympic	New York	S'hampton	Dec. 30
Sado Maru	Seattle	Hongkong	Dec. 30
Tagus	New York	Bermuda	Dec. 30
Coamo	New York	Porto Rico	Dec. 30
Finland	New York	Antwerp	Jan. 3
Manchuria	San Fr'sco	Hongkong	Jan. 3
Arabic	New York	Liverpool	Jan. 4
La Lorraine	New York	Havre	Jan. 4
Lake Erie	Portland	Glasgow	Jan. 4
Hamburg	New York	Genoa	Jan. 4
Grampian	St. John	Liverpool	Jan. 5
Saxonia	New York	Liverpool	Jan. 6
Caledonia	New York	Glasgow	Jan. 6
Amerika	New York	Hamburg	Jan. 6
New York	New York	S'hampton	Jan. 6
Canada	Portland	Liverpool	Jan. 6
Atrato	New York	Cuba	Jan. 6
Carolina	New York	Porto Rico	Jan. 6
Caronia	New York	Egypt	Jan. 6
Lusitania	New York	Liverpool	Jan. 10
Vaderland	New York	Antwerp	Jan. 10
Chiyo Maru	San Fr'sco	Hongkong	Jan. 10
Emp. of Japan	Vancouver	China	Jan. 10
Tagus	New York	Bermuda	Jan. 10
Adriatic	New York	Egypt	Jan. 10
Baltic	New York	Liverpool	Jan. 11

LEADING-RETAIL FLORISTS

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BARTLESVILLE, OKLA.
Steinhauser Flo. Co.
BATTLE CREEK, Mich.
Coggan, S. W.
BAY CITY, MICH.
Boehringer Bros.
BIRMINGHAM, ALA.
Godden Seed Co., A.
BOSTON, MASS.
Galvin, Inc., T. F.
Hoffman, S.
Newman & Sons
Penn, Henry
BROOKLYN, N. Y.
Jahn, Hugo H.
Masur, S.
Phillips, Jno. V.
Wilson, R. G.
BUFFALO, N. Y.
Anderson, S. A.
Palmer & Son, W. J.
CEDAR RAPIDS, IA.
Kramer & Son, I. N.
CHARLESTON, W. VA.
Charleston Cut Flo. & Plant Co.
CHICAGO
Franzen, F. O.
Lange, A.
Samuelson, Chas. A.
Smyth, W. J.
Wittbold Co., Geo.
CLEVELAND, O.
Cleveland Cut Flo. Co.
Gasser Co., J. M.
Knoble Bros.
Naumann & Son
Smith & Fetters Co.
COLO. SPGS., COLO.
Crump, F. F.
Pikes Peak Flo. Co.
COLUMBUS, O.
Livingston Seed Co.
COUNCIL BLUFFS, IA.
Wilcox & Sons
DALLAS, TEX.
Dallas Floral Co.
Lang Floral Co.
Texas Seed & Flo. Co.
DAYTON, O.
Heiss Co.
DENVER, COLO.
Daniels & Fisher
Park Floral Co.
DES MOINES, IOWA
Trillow, Florist
DETROIT, MICH.
Bemb Floral Co.
Breitmeyer's Sons
Schroeter, B.
EVANSTON, ILL.
Fischer Bros.
Weiland, John
FORT SMITH, ARK.
Brockman's Flo. Shop
FORT WORTH, TEX.
Baker Bros. Co.
Drumm Floral Co.
FREEPORT, ILL.
Bauscher, Jr., John
Freeport Floral Co.
GALESBURG, ILL.
Pillsbury, I. L.
GRAND FORKS, N. D.
Lovell, E. O.
GRAND RAPIDS, MICH.
Smith, Henry
HARTFORD, CONN.
Coombs, John
McClunie, G. G.
HELENA, MONT.
State Nursery Co.
HOUSTON, TEX.
Kuhlmann, H. H.
INDIANAPOLIS, IND.
Benson, Lester F.
Bertermann Bros. Co.
Wiegand & Sons
JACKSONVILLE, FLA.
Mills The Florist
KALAMAZOO, MICH.
Van Bochove & Bro.
KANSAS CITY, MO.
Alpha Floral Co.
Kellogg, Geo. M.
Murray, Samuel
Rock Flower Co.
KENOSHA, WIS.
Obertin, P. N.
KNOXVILLE, TENN.
Crouch, Chas. W.
LA CROSSE, WIS.
La Crosse Floral Co.
LANCASTER, PA.
Dundore, L. H.
LINCOLN, NEB.
Chapin Bros.
Frey, C. H.
Frey & Frey
LEXINGTON, KY.
Keller, John A.
LOUISVILLE, KY.
Reimers, M. D.
Schulz, Jacob.
Walker & Co., F.
MACON, GA.
Idle Hour Nurseries.
MADISON, WIS.
Capital City Gr'nhouse.
MANKATO, MINN.
Windmiller Co.
MARION, IND.
Marion Floral Co.
MEMPHIS, TENN.
Idlewild Greenhouses
MILWAUKEE, WIS.
Pollworth Co., C. C.
MINNEAPOLIS, MINN.
Minneapolis Flo. Co.
Swanson's
MITCHELL, S. D.
Newburys, The
MOBILE, ALA.
Minge Floral Co.
MONTGOMERY, ALA.
Rosemont Gardens
MONTICELLO, IOWA
Van Meter, C. L.
MONTREAL, CANADA
Hall & Robinson
McKenna & Son
NEWARK, OHIO
Duerr, Chas. A.
NEW CASTLE, PA.
Butz Bros.
NEW LONDON, CONN.
Reuter & Son, Inc.
NEW ORLEANS, LA.
Virgin, U. J.
NEW YORK CITY
Bowe, M. A.
Bunyard Floral Co.
Clarke's Sons, David
Dards, Chas. A.
Lee, W. S.
McConnell, Alex.
Meyer
Schling, Max
Young & Nugent
NEWPORT, R. I.
Bunyard Floral Co.
NORTHAMPTON, Mass.
Field, H. W.
OAKLAND, CAL.
Clarke Bros.
OKLAHOMA CY., OKL.
Stiles Co., The
OMAHA, NEB.
Hess & Swoboda
Stewart, S. E.
PASADENA, CAL.
Orchid, The
PASSAIC, N. J.
Sceery, Edward
PATERSON, N. J.
Sceery, Edward
PEKIN, ILL.
Kuhl, Geo. A.
PEORIA, ILL.
Kuhl, Geo. A.
PHILADELPHIA, PA.
Ehret, Fred
Fox, Chas. Henry
PITTSBURG, KANSAS
Steinhauser Flo. Co.
PITTSBURGH, PA.
Smith Co., A. W.
PONTIAC, ILL.
Miller & Son, W. J.
PORTLAND, ORE.
Clarke Bros.
Tonseth Floral Co.
POUGHKEEPSIE, N. Y.
Saltford Flower Shop
PROVIDENCE, R. I.
Johnston & Co., T. J.
RACINE, WIS.
Hinchliffe, Mrs. J. T.
RICHMOND, IND.
Lemon & Co., F. H.
ROCHESTER, MINN.
Fuhlbruegge, John.
ROCHESTER, N. Y.
Fry, E. R.
Wilson, H. E.
ROCKFORD, ILL.
Buckbee, H. W.
ST. LOUIS, MO.
Beneke, J. J.
Weber, F. H.
Young & Sons Co.
ST. PAUL, MINN.
Holm & Olson, Inc.
May & Co., L. L.
SAN ANTONIO, TEX.
Baker, Geo. C.
SAN FRANCISCO, CAL.
Podesta & Baldocchi
SCHENECTADY, N. Y.
Hatcher, J. C.
SCRANTON, PA.
Clark, Florist
Schultheis, Florist
SEATTLE, WASH.
Hollywood Gardens
SEDALIA, MO.
Archias Flo. Co.
SIOUX CITY, IOWA
Rennison Co., J. C.
SOUTH BEND, IND.
Beyer Floral Co.
SPRINGFIELD, ILL.
Brown, A. C.
TERRE HAUTE, IND.
Heinl & Son, John G.
Stover, N. B. & C. E.
TOLEDO, O.
Freeman, Mrs. J. B.
TOPEKA, KAN.
Holleraft, Mrs. M. E.
Lord's Flower Room
TORONTO, CANADA
Dunlop, John H.
TRENTON, N. J.
Ribsam, M. C.
WASHINGTON, D. C.
Blackistone, Z. D.
Gude Bros. Co.
WELLESLEY, MASS.
Tailby & Son
WILKES-BARRE, PA.
Marvin, Ira G.
WINNIPEG, Man., Can.
Rosery, The.
WINONA, MINN.
Fuhlbruegge, John
WORCESTER, MASS.
Lange, H. F. A.
YOUNGSTOWN, O.
Walker, John
ZANESVILLE, OHIO
Imlay, John D.

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Careful attention, personal selection and prompt delivery guaranteed to any part of New York, Long Island and New Jersey. Thirty-six years' experience. Reliability assured.

Coombs LEADING FLORIST Hartford, Conn.
Orders solicited for all parts of Connecticut.

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..FLORISTS..
389 DONALD ST.
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ORDERS TAKEN FOR DELIVERY ANYWHERE BETWEEN PORT ARTHUR AND THE COAST.

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Will fill orders for the West on short notice
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Will Take Proper Care of Your Orders in WISCONSIN

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EDWARD SCEERY—PATERSON and PASSAIC

German Stock Seeds

A GRAND SPECIALTY

Price list on application

PAUL TEICHER, Striegau, Germany

Oldest Special House

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Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Leonard H. Vaughan, Chicago; First VicePres., M. H. Duryea, New York City; Sec'y and Treas., C. B. Kendel, Cleveland, O.

A. C. Zvolanek, Bound Brook, N. J., is at Lompoc, Cal.

The house of Chr. Olsen, Odense, Denmark, will in the coming season celebrate its silver jubilee in the seed growing business.

Now the seed trade can settle down to preparations for seed selling — the fall bulbs and the Christmas greens are out of the way.

The California seed growers say that, with the short crops abroad, it is not a matter of great difficulty to get business this season.

In spite of all the talk about the scarcity of peas, it is the beets and carrots that are getting the biggest boosts in most of the retail catalogues.

D. H. Browne and C. H. Browne now are the proprietors of the Arkansas Valley Seed House, Lakin, Kan., the former having taken the place of Wm. Logan.

The U. S. Department of Agriculture has just issued a bulletin, No. 455, entitled "Red Clover," by J. M. Westgate and F. H. Hillman, with notes on the insect enemies of red clover by F. M. Webster.

W. W. Barnard Co., Chicago, has obtained possession of its new building on West Madison street and the new front is going in. The remodeling will be so thorough that it will be several weeks before removal will be begun.

The Binding-Stevens Seed Co., of Tulsa, Okla., has opened a store in the Poland building, on West Main street, Ardmore, Okla. The new store will be conducted under the name of the Ardmore Seed House, with L. J. Orth as manager. The Binding-Stevens Co. also has branches at Muskogee and Wichita.

There will be a great increase this year in the acreage of peas in Montana, Idaho and, to a less extent, in Utah. Three years of bad crops in Michigan and Wisconsin have caused the trade to look about for new fields and the notes in The Review have turned the eyes of many toward the Star of Empire, which "westward takes its way."

THE POTATO CROP.

The people of the United States eat more than a million bushels of potatoes every day in the year.

In taking the last census, statistics were gathered with regard to the potato crop of 1909 and these have just become accessible.

The land in potatoes increased from 2,939,000 acres in 1899 to 3,669,000 acres in 1909, an increase of 730,000 acres, or 24.8 per cent. The percentage of

—TO THE TRADE—

HENRY METTE, Quedlinburg, Germany

(Established in 1787)

Grower and Exporter on the very largest scale of all

CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼ oz.; 75c per 1-16 oz Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own vast grounds,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

Mention The Review when you write.

—PERFECT PLANT FOODS—

THOMSON'S Vine Plant and Vegetable **MANURE**

Unrivaled for vines, tomatoes, cucumbers, all flowering, foliage and fruit bearing plants; vegetables, lawns, etc. Has stood the test of 30 years. The result of many years of practical experience.

Sold by Leading American Seedsmen.

Also Thomson's Special Chrysanthemum and Topdressing Manure. An Excellent Stimulant.

Freight paid on quantities; liberal terms to retailers. Write for our special offer to the American trade, agents' circulars, pamphlets, etc., to sole makers.

Also Exporters of **Pure Scotch Soot** Write for prices, etc.

Wm. Thomson & Sons, Ltd., Tweed Vineyards, Clovenfords, Scotland

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High-grade Hyacinths, Tulips, Narcissus, Crocus, etc. Write for Catalogue.

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Azaleas, Palms, Bay Trees, etc., from Belgium.
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Maples, Planes, etc., from Oudenbosch, Holland.
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CYNOSURUS CRISTATUS

(Crested Dogstail)

Purity and germination guaranteed.

WM. POWER & CO.

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SEEDS

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Importer of

Azaleas, Palms, Bay Trees

and all other Belgian Plants, Lily of the Valley of the finest Berlin and Hamburg Brands.

Japanese, Holland and French Bulbs

FRENCH and ENGLISH

FRUIT and ORNAMENTAL STOCKS

VALLEYS

Our EARLY BRAND of selected German Lily of the Valley forcing pips, now ready, in cases of 2500 pips, at

$15.00 - per 1000

Net 60 days, or 3% off for a prompt check.

Address

AUGUST ROLKER & SONS, New York

P. O. Box 752, or 31 BARCLAY STREET

DANISH SEEDS

If you take interest in Cabbage, Cauliflower, Carrot, Mangel, Swede and Turnip, of selected strains (state controlled), please apply to

CHR. OLSEN, Odense, Denmark

Wholesale Seed Grower (Established 1882), in order to have your name placed on my mailing list.

You Must Have Heard of
KELWAY'S

who have received literally hundreds of Gold Medals and other Prize Medals and First-Class Certificates and Awards of Merit from
THE ROYAL AGRICULTURAL SOCIETY
and
THE ROYAL HORTICULTURAL SOCIETY
of England
For their Introductions in Plants and Choice Seeds.

They are now specializing in all kinds of

FARM, GARDEN AND FLOWER SEEDS

including

SWEET PEAS

for export. Write for **SPECIAL** prices for quantities, also **CONTRACT OFFERS.**

Correspondence invited and a trial solicited.

KELWAY & SON, Wholesale Seed Growers and Exporters Established 1851 **Langport, Eng.**

J. HASSLACH

SEED GROWER

St. Remy de Provence, France

has issued his Seed Catalogue for Specialties in first-class Flower and Garden Seeds.

increase in production was much higher, the actual production in 1909 amounting to 389,195,000 bushels, as compared with 273,318,000 bushels in 1899, an increase of 115,877,000 bushels, or 42.4 per cent. The average production per acre, perhaps in part by reason of temporary weather conditions, increased from 93 bushels to 106.1 bushels. Along with the increase in acreage and production went an even larger relative increase in the value of the potato crop, which increased from $98,380,000 to $166,424,000, an increase of over $68,000,000, or 69.2 per cent. The average value of potatoes per bushel thus increased from 36 cents to 43 cents, or about 19 per cent. The production of potatoes in 1879 was 169,459,000 bushels, as compared with 389,195,000 bushels in 1909. The increase in the thirty years was thus nearly 130 per cent. Population during the same period increased about 80 per cent. This is the only important food crop which has increased faster than population.

It is interesting to note that while the percentage of increase in the last ten years is far the greatest in Idaho and New Mexico, New York is the great potato state, producing nearly 13 per cent of the country's crop, with Michigan and Wisconsin producing

PREMIUM AMERICAN PANSY SEED

Sow Pansy seed now for early spring plants. Greenhouse-grown Pansy plants are superior to those wintered over.

Hesperian Strain A selection of the most beautiful varieties, notable for their large size and perfection of form and coloring. We offer this mixture after over thirty years' experience in pansy seed and plant growing for both the retail and wholesale trade, and recommend it for those having critical customers. **Pkt., 25c; 1000 seeds, 50c; ⅛ oz., $1.00; ¼ oz., $1.75; oz., $6.00.**

Toole's Giant Prize Strain This is a mixture made up from the best of the giant varieties, with the correct proportions of the different shades and colors for general sale. This mixture will surely please you. **Pkt., 15c; 1000 seeds, 30c; ⅛ oz., 70c; ¼ oz., $1.20; oz., $4.00.**

White, red, yellow and blue, colors separate. Prices same as for Toole's Giant Prize Strain.

"How to Grow Pansies," with price list of other varieties and mixtures, sent free on request.

WILLIAM TOOLE & SONS, Pansy Heights, **BARABOO, WIS.**

Mention The Review when you write.

LILIUM GIGANTEUM (Dark Stem)
LILIUM ALBUM, AURATUM AND RUBRUM

All sizes and as fine as Japan produces. Write us.

S. S. Skidelsky & Co., 1215 Betz Bldg., **Philadelphia, Pa.**

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Cold Storage Valley

W. & D.'s Extra Selected Berlin Pips, $8.50 per box of 500 pips. W. & D.'s Sure Crop English Mushroom Spawn—new crop, just received, $8.00 per 100 lbs. Cash with order or satisfactory references.

Weeber & Don, Seed Merchants and Growers **New York City**
114 Chambers Street

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LILIES, SUMMER FLOWERING BULBS AND HARDY PLANTS.

SEND FOR PRICE LIST.

E. S. MILLER, Wading River, N. Y.

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GLADIOLI

America, planting stock.

Florists' Mixture
in light shades.

Write for prices.

MRS. A. H. AUSTIN,
Wayland, Ohio

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Read What Our Customers Say About This Grand Commercial Variety:

Evanston, Ill., Nov. 7, 1911.
Stevens Gladioli Co.,
Saginaw, Mich.

Gentlemen: I have grown your Pink Beauty (now Pink Augusta) for the last two years, and it is a good indoor grower. Sells well with us. Please send me another thousand bulbs. Also a list of your other varieties.

Yours truly,
John Weiland.

NEW FORCING GLADIOLUS **PINK BEAUTY**
NOW RENAMED **PINK AUGUSTA**

Best early forcing light pink variety, each bulb produces two or three spikes in succession, fine for sprays or decorating. $2.50 per 100; $20.00 per 1000; a few extra selected bulbs, $2.75 per 100; $25.00 per 1000. CASH. Also, Augusta, Francis King, Madame Monneret, Taft, Klondyke, Florists' Mixture, The Bride and Pink Bride, 60c per 100; $5.00 per 1000, cash. **Send for Trade List, with testimonials.**

STEVENS' GLADIOLI CO., Saginaw, W. S., Mich.

Mention The Review when you write.

about 10 per cent and 8 per cent, respectively. Here is the record by geographic divisions:

	Production—Bushels 1909.	1899.	Inc'se Per ct.
United States.....	389,194,965	273,318,167	42.4
Geographic Divisions—			
New England....	41,245,977	23,466,222	75.8
Middle Atlantic.	78,395,736	64,372,759	21.8
East No. Central	111,606,777	80,988,131	37.8
West No. Central	72,067,551	60,812,316	18.5
South Atlantic ..	22,102,630	12,150,748	81.9
East So. Central.	9,816,160	5,051,854	94.3
West So. Central.	7,413,887	4,867,562	52.3
Mountain	24,232,109	9,046,736	167.9
Pacific	22,314,138	12,561,839	77.6

LILY BULB EXPORTS.

The exports of lily bulbs from Yokohama, Japan, from November 11 to November 27, 1911, were 4,975 cases, as follows:

YOKOHAMA NURSERY CO.....	1,641
To London	1,300
To Victoria	165
To New York	93
To Hamburg	42
To Vancouver	31
To San Francisco	30
To Marseilles	23
To Melbourne	18
To Bristol	16
To Dunedin	15
To Liverpool	7
To Auckland	1
TANAIO SHOTEN	812
To London	248
To Amsterdam	192
To Hamburg	127
To New York	99
To Liverpool	85
To Genoa	37
To Glasgow	14
L. BOEHMER & CO.....	550
To New York	352
To Rotterdam	80
To London	55
To Chicago	37
To Hamburg	26
ARAI SHOTEN	544
To New York	257
To London	124
To Hamburg	113
KAMITAKI SHOTEN	970
To Hamburg	970
ISAAC BUNTING & CO.....	200
To Hamburg	200
TATARO TANAKA	174
To Rotterdam	174
YOSHIRO INUZUKA	68
To Portland	68
SOYELA SHOTEN	16
To Liverpool	16

VALUE OF IMMORTELLES.

The duty on natural yellow immortelles being twenty-five per cent and on colored immortelles sixty per cent, the appraisement of importations becomes only second in importance to classification for duty. One of last week's reappraisement decisions was as follows:

Immortelles.—From Lagarde & Speelman, Ollioules. Exported August 10, 1911, entered at New York. File No. 61555. Invoice No. 1167. McClelland, G. A.—Entered at 40 francs per 100 bunches. Add cases 2 francs each. Cash discount 5 per cent. Advanced to 60 francs per 100 bunches net. Further advanced by making cases 3 francs each.

CATALOGUES RECEIVED.

The Barteldes Seed Co., catalogues from the firm's seed houses at Denver,

HERE SINCE 1879

Arkansas Valley Seed Company

D. H. BROWNE LAKIN, KANSAS C. H. BROWNE

Contract Growers of Muskmelon, Watermelon and Cucumber

We desire to announce to the trade that Mr. Wm. Logan is no longer connected with this company in any way. And that we are now booking contract orders for Muskmelon, Watermelon and Cucumber Seed.

Write today for contract price list, also our surplus list of Vine Seeds.

Mention The Review when you write.



Colored Flower and Vegetable Seed Bags

Send for Catalogue and Samples.

Herndon & Lester, Inc.

RICHMOND, VA.

Mention The Review when you write.

Metal Clasp Mailing Envelopes

LOUIS JEFFREY

78th & Brunswick Ave., Philadelphia, Pa.

Mention The Review when you write.

TOMATO SEED

BEST STOCKS. ALL VARIETIES.

The Haven Seed Co.

Growers for wholesale trade only. Santa Ana, Cal.

Mention The Review when you write.

LAWN GRASS SEED

WHOLESALE ONLY

J. OLIVER JOHNSON

1876 Milwaukee Avenue, CHICAGO

Mention The Review when you write.

BURNETT BROS.

SEEDS :: BULBS :: PLANTS

72 Cortlandt St., NEW YORK CITY

Mention The Review when you write.



Early Frame Cucumber grown under irrigation by

WESTERN SEED & IRRIGATION CO.

Seed Growers and Dealers. Specialties: Cucumber, Musk and Watermelon, Pumpkin, Squash, Sweet and Field Corn.

FREMONT, :: :: :: NEBRASKA

Mention The Review when you write.

The Ebbert Seed Company

ROCKY FORD, COLO.

Contract growers for the Trade. High-grade Vine Seeds. Specialties: Rocky Ford Cantaloupe, Muskmelon and Cucumber Seed.

Place Your Orders Early

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THE KIMBERLIN SEED CO.
Wholesale Seed Growers **SANTA CLARA, CAL.**
Growers of
ONION, LETTUCE, RADISH, etc.
Correspondence Solicited.
Mention The Review when you write.

Pieters-Wheeler Seed Company
Hollister, - - California
Growers of High Grade Seeds
Onion, Radish, Lettuce,
Sweet Peas, etc. : : :
Correspondence Solicited.
Mention The Review when you write.

BRASLAN SEED GROWERS' CO.
Lettuce, Onion, Sweet Peas
Growers for the Wholesale Trade Only
San Jose, California
Mention The Review when you write

S. D. Woodruff & Sons
SPECIALTIES:
Garden Seeds in Variety
Maine seed potatoes, onion sets, etc.
CORRESPONDENCE SOLICITED.
Main Office and Seed Farms, ORANGE, CONN.
New York City Store, 82-84 Dey Street
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Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety.
Correspondence solicited.
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Contract Seed Growers
Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence solicited.
George R. Pedrick & Son
PEDRICKTOWN, N. J.
Mention The Review when you write.

—THE—
J. C. Robinson Seed Co.
Waterloo, Neb.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar, Flint and Field Seed Corns.
Mention The Review when you write.

RATEKIN'S SEED HOUSE
Shenandoah, Iowa
Largest Seed Corn growers in the world. Contract growers of **Sugar, Flint and Field Seed Corns.** Specialties: Diamond Joe's Big White, Iowa Silver Mine, Pride of the North and Mammoth Iowa Yellow Dent.
Correspondence Solicited
Mention The Review when you write.

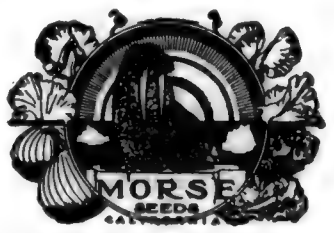
Colo., and Oklahoma City, Okla.; S. S. Pennock-Meehan Co., Philadelphia, Pa., new forcing roses for 1912; Ford Seed Co., Ravenna, O., seeds, bulbs, plants and supplies; California Nursery Co., Niles, Cal., general nursery stock; the

J. BOLGIANO & SON WHOLESALE Field and Garden Seeds
ESTABLISHED 1818 Write for our low prices
Light, Pratt & Ellicott Sts. BALTIMORE, MD.
Mention The Review when you write.

BEANS, PEAS, RADISH
and all Garden Seeds
LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO
ONION SETS GROWERS FOR THE TRADE
Write for Prices
Mention The Review when you write.

YOU will be satisfied with the products of
Burpee's "Seeds that Grow"
Better write to Burpee, Philadelphia,—for new Complete Catalogue.

The Everett B. Clark Seed Co., MILFORD, CONN.
Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.
BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC.



Wholesale Growers of
Onion, Lettuce, Sweet Peas
and other California Specialties
C. C. MORSE & CO.
48 Jackson St. SAN FRANCISCO, CAL.
Mention The Review when you write.

CONTRACT SEED GROWER
SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn
EDGAR F. HURFF, MULLICA HILL, NEW JERSEY
Correspondence Solicited.

Routzahn Seed Co.
ARROYO GRANDE, CAL.
SWEET PEA and NASTURTIUM
SPECIALISTS
Wholesale growers of full lists of FLOWER and GARDEN SEEDS.

THE HAS. H. TILLY CO.
SEATTLE, WASH.
Growers of
PUGET SOUND CABBAGE SEED

Henry Fish Seed Co.
BEAN GROWERS
For the Wholesale Seed Trade
CARPINTERIA, - CAL.

Peas and Beans
...Growers For The...
Wholesale Seed Trade

Alfred J. Brown Seed Co.
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Contracting growers of **Peas, Beans** and famous **Sweet Corn.** Introducers of the **White Mexican Sweet Corn.**

S. M. ISBELL & CO.
JACKSON, MICH.
Contract Seed Growers
Bean, Cucumber, Tomato, Radish, Pea, Squash, Muskmelon, Watermelon, Sweet Corn.
Correspondence Solicited

ONION SEED — ONION SETS
We are extensive growers and dealers. Write for prices on the 1911 crop. We are also submitting contract figures for the 1912 crop of Onion Seed.
SCHILDER BROS., CHILLICOTHE OHIO

The C. Herbert Coy Seed Co.
VALLEY, Douglas County, NEB.
Wholesale Growers of High Grade Seeds.
Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

GLADIOLI

Try GOLDEN QUEEN and PRESIDENT TAFT for forcing.

One customer writes under date of May 25th: —

"The Golden Queen that I ordered from you were planted in a carnation house on February 7th, and we are now getting fine spikes and handsome flowers. I find your variety to be one week earlier than Mrs. Francis King, ten days earlier than Augusta and two weeks ahead of America. They have been perfectly satisfactory in every way."

I have also a fine stock of Mrs. King, Klondyke, Taconic, Independence, Brenchleyensis, Geo. Paul and other kinds. Write for trade list.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

W. W. Barnard Co., Chicago, Ill., preliminary seed list; Elmer D. Smith & Co., Adrian, Mich., list of chrysanthemums and asters; H. Cannell & Sons, Swanley, England, list of chrysanthemums; Henry Mette, Quedlinburg, Germany, trade list of seeds; Sluis & Groot, Enkhuizen, Holland, general list of seeds; L. Daehnfeldt, Odense, Denmark, wholesale seed list.

Calendars Received.

C. Herbert Coy Seed Co., Valley, Neb., pumpkins and corn.

MILWAUKEE.

The Market.

The Christmas rush of 1911 is a thing of the past and it undoubtedly was a grand one. The raising of prices on cut flowers for this holiday, during recent years, has stimulated the plant trade to a noticeable extent; it was poinsettias, azaleas, begonias, cyclamen, primulas and foliage plants, wherever one looked and a visit around on Christmas morning found all stock cleaned up.

Although the demand for cut flowers was great, the supply in every branch, with the exception of American Beauties, was likewise, and it is a pleasure to state that there was no pickled stock to speak of. Stock was held back somewhat, but more judgment was used, thus giving satisfaction to both wholesaler and retailer.

Killarney played a leading role in the rose class, while the favorite carnation held its own. Violets also were in good demand and cleaned up well. Although the supply was plentiful Christmas morning, there was no stock left at closing time. With the wholesalers the rush began Thursday and wound up Monday noon with local trade. The retailers began deliveries Saturday, and were kept busy all day Sunday and the best part of Monday. With mild weather prevailing during this siege, the matter of delivering was not a serious proposition.

Christmas green goods were plentiful and sold well.

Various Notes.

At the Forest Home cemetery, the authorities claim they never before saw

BEGONIAS — GLOXINIAS

Due to Arrive—Write for Prices

New Crop Seed—CLEMATIS PANICULATA, SCARLET SAGE

and a full line of Florists' Flower Seeds.

Headquarters for WINTER FORCING RHUBARB

$1.50 per dozen; $10.00 per 100; Special price by the 1000.

See our Clearance Dutch Bulb Offer in last issue.

JOHNSON SEED COMPANY

217 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

Our **Gladioli** are noted the world over for **Superior Merit**

WRITE FOR PRICES.

JOHN LEWIS CHILDS FLOWERFIELD, Long Island, N.Y.

Mention The Review when you write.

BULB BARGAINS

LAST CHANCE

French Romans, 12-15, 100, $1.50.
Forcing Hyacinths, 100, $1.50.
Tulips, Pottebakker, yellow, 100, 50c.
" Rose Grisdelin, 100, 50c.
" Single Superfine, mixed, 100, 40c; 1000, $3.50.
" Double Superfine, mixed, 100, 40c; 1000, $3 50.
Freesias, Mammoth, 100, 50c; 1000, $4.50
Ornithogalum Arabicum, 100, 50c.
Scilla Sibirica, 100, 40c.
Single Snowdrops, 100, 25c.
Double Snowdrops, 100, 40c.

Cash with Order.

G. H. HUNKEL CO., Seedsmen

MILWAUKEE, WIS.

Mention The Review when you write.

SOW NOW!

Get Ready for Early Spring Sales

	6 Tr. Pkts.	Tr. Pkt.
BEGONIA Gracilis Luminosa, true stock, with large scarlet flowers	$2.50	$0.50
Erfordii, fine pink variety	2.50	.50
Bedding Queen, most beautiful pink Wax Begonia	2.50	.50
Vernon, fine red	1.25	.25
CYCLAMEN Persicum Splendens Giganteum, finest colors, assorted, 1000 seeds	5.00	.75

O. V. ZANGEN, Hoboken, N. J.

Mention The Review when you write.

Our New Gladiolus

"PRINCEPINE"

Is now being offered to the trade.

Write for literature and prices.

W. E. Kirchhoff Co.

Gladiolus Specialists, Pembroke, N. Y.

Mention The Review when you write.

BULBS

Far Below Cost

Ask for prices.

James Vick's Sons

ROCHESTER, N. Y.

Mention The Review when you write.

AN ANNOUNCEMENT

For several years past the writer's brain has been working criss-cross, cater-cornered, on the bias and otherwise in regard to Harrisii Lily Bulbs; in fact, so much so that his thoughts became frappeed, and in order to get the straight of it he went down to Bermuda last July.

Bermuda is one of those garden spots of the world. If you don't believe it—just go down there. Years ago, when Harrisii were gathered from the gardens of private places, where they had been established for years, there were no better Lily Bulbs known. The greed for gain and quantities brought inferior stock there to be planted, resulting, eventually, in almost ruin to the business. Something cheap was wanted and, of course, the quality had to suffer to make the price.

In Bermuda there is a Botanical Garden, and very near this garden is located the only florists the islands can boast of. This firm of florists is composed of two hale and hearty fellows by the name of

STEPHENS BROTHERS

and, incidentally, they are the most progressive and conscientious growers of Harrisii Lily Bulbs down there. These brothers know something about the trouble a florist has in forcing Lily Bulbs, and they undertook to produce stock which would make good. It has taken several years, much work and no little money, but they are the nearest to success now of anyone else in the islands.

They do not sit behind a desk and whine their orders to their help—they are out in the fields among them. They have a store in Hamilton, but you are not apt to find them there—you must go to the farm—look in the fields or packing sheds. Their bulbs are all hand weeded, not once or twice, but six times during the eight months' season. They are systematically planted in beds 3 feet 6 inches wide, and six rows to the bed. The digging is begun in July, but most are allowed to thoroughly ripen, and dug early in August—time enough.

We have made a contract with Messrs. Stephens Brothers covering a period of years—for our mutual benefit and for the good of the trade. Every bulb packed and sent out as Horseshoe Brand Harrisii will be from the very best fields and strictly up to size. The prices are as reasonable as can be made—as follows:

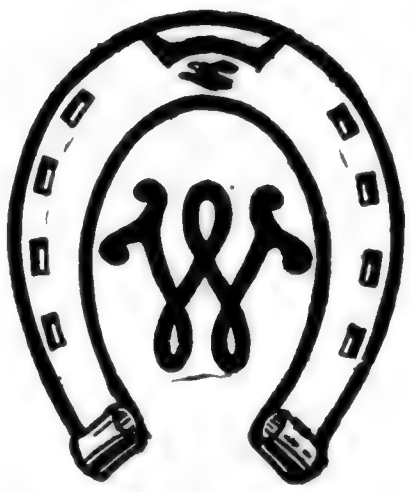
HORSESHOE BRAND LILIUM HARRISII

	Cash with order price	Credit price	
Size 5x 7 inch.....	$12.00	$15.00	per case of 400 bulbs
" 6x 7 "	13.00	14.00	" 335 "
" 7x 9 "	15.00	16.00	" 200 "
" 9x11 "	18.00	20.00	" 100 "

OTHER BERMUDA PRODUCE

Amaryllis Johnsonii.....	7x 9 inch,	$12.00	per 100
" "	9x11 "	18.00	per 100
Freesia Purity	¾x 1 "	20.00	per 1000
" "	½x¾ "	16.00	per 1000
" "	⅜x½ "	12.00	per 1000
Buttercup Oxalis.....	½x¾ "	7.00	per 1000
" "	⅜x½ "	5.00	per 1000

All quotations f. o. b. cars New York City, duty paid. Deliveries in season. For Easter, 1913, Horseshoe Brand Harrisii are especially recommended, owing to the early Easter date (March 23d).



"NOT HOW CHEAP—
BUT HOW GOOD"

RALPH M. WARD & CO.

12 West Broadway, NEW YORK

Sole American representatives for Mr. Seitaro Arai, Yokohama, Japan; Mr. Martial Bremond, Ollioules, France; Messrs. Stephens Brothers, Paget, Bermuda

so many people remember the departed ones by bringing cut flowers, holly and other wreaths.

Walter M. Maas & Co. secured two extra stores for their Christmas trade, which they filled up with blooming and other plants. There wasn't a thing left after the rush and, with a good demand for cut flowers, they feel more than satisfied.

The M. A. McKenney Co. was so busy Christmas noon that it was not advisable to ask many questions; both plant and cut flower trade were fine.

The Currie Bros. Co. had a fine selection of stock at their greenhouses for the event, but when called upon they said that business was enormous and that they were sold out.

Made-up tubs of crotons, dracænas and ferns played an important role at J. M. Fox & Son's store. This is not saying that was all they offered, for every possible nook was utilized in trying to place the large quantities of well grown blooming and foliage plants. The cut flower trade with them also was brisk.

The force of the Edlefsen-Leidiger Co. looked rather tired Christmas morning, and when questioned as to the volume of business done, claimed it was the best yet. Their large supply of stock cleaned out in great shape.

Gust. Rusch & Co. said that business was fine and away ahead of expectations. Their store was jammed full in the morning, but night found them cleaned up in great shape.

"Better than ever," was the report of the Holton & Hunkel Co., who moved large quantities of finely grown pot plants at their Humboldt avenue place, and roses, especially Pink Killarney, from the Brown Deer place. Their supply of American Beauties was far from satisfactory, but they were much pleased with the way violets moved.

"Very, very fine; could not have been better," were the comments heard at the salesrooms of the C. C. Pollworth Co. December 25. The carnations and roses were right in crop at their greenhouses and the quality was fine. Their large lot of plants had dwindled down to a small number by Sunday night.

"In the cut flower line, Pink Killarney was more in demand than most other stock for the Christmas trade," so says the East Side Floral Co. Plants were also an important factor with them. E. O.

GLADIOLI A SECOND YEAR.

Can I force Peach Blossom, Bride and Bridesmaid gladiolus bulbs two years in succession? F. E. W.

These gladioli will make up bulbs considerably larger than those imported from Europe, but even when gradually rested and every care taken of them they have failed to flower satisfactorily. Probably if you cut your flowers short-stemmed and did not sacrifice the foliage, they might do well a second season. As it is, however, about everyone wants flowers on long stems and we cannot give them these without in large measure ruining the bulbs. This applies also to the large-flowered types of gladioli, as well as to freesias and some other bulbs. C. W.

Chanute, Kan.—The city council has voted to grant to James Truitt & Sons permission to lay a pipe line for the purpose of conveying gas to the firm's greenhouses, on North Steuben avenue.

LILY OF THE VALLEY

BRUNS' EARLY FORCING
$1.75 per 100; $15.00 per 1000.

CHICAGO MARKET BRAND

New stock—now ready. Best stock for early forcing, if strictly fancy Valley is wanted. My grower writes: "The finest shipment that is going to the U. S. this season," and he knows. Order now—This grade is scarce.
$2.00 per 100; $16.00 per 1000.

H. N. BRUNS, 3038-40-42 W. Madison St., Chicago

Mention The Review when you write.

Established in 1802

Thorburn's Seeds

Our New Wholesale Catalogue for Market Gardeners and Florists for 1912 will be ready early in January. Register your name for a copy **NOW.**

J. M. Thorburn & Co. 33 Barclay St. NEW YORK

Mention The Review when you write.

Paper White Narcissus
Lilium Giganteum
DUTCH BULBS
Full Line of Stock. Write for Prices.
D. RUSCONI
126 W. 6th St., CINCINNATI, O.

Mention The Review when you write.

SURPLUS OF
L. Multiflorums 7-9
Write for prices.
The Yokohama Nursery Co., Ltd.
No. 31 Barclay Street, NEW YORK

Mention The Review when you write.

Ant. C. Zvolanek
Originators
Winter-Flowering Sweet Pea Seed
Bound Brook, New Jersey

Mention The Review when you write.

PRIMULA
Chinensis Obconica
Unrivaled for size of flower, purity of color and highest development. They represent the best specialists have so far produced. Seeds and plants
J. L. SCHILLER, Toledo, O.

Mention The Review when you write.

North Germantown, N. Y.—H. W. & S. W. Albrecht, the violet growers, have finished the erection of a large barn.

XXX SEEDS

ALYSSUM SNOWDRIFT, most dwarf and compact, very fine, pkt. 20c.
ANTIRRHINUM, New Giant, white, rose and yellow. **Separate or Mixed**, pkt. 20c.
PETUNIA STAR, improved, finest marked flowers, very fine, pkt. 20c.
PETUNIA, Giant, single fringed, large and fine, very choicest mixed, pkt. 20c.
PETUNIA, Giant Double Fringed, very fine, trade pkt. 50c. Mixture of the best improved vars.
SALVIA, Bonfire, finest grown, brilliant scarlet and compact. Large pkt. 20c.
PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt. 20c.
CHINESE PRIMROSE, finest grown, single and double mixed, 600 seeds, $1.00; ½ pkt. 50c.; 1000 seeds, $1.50. Separate colors or mixed.
PRIMULA KEWENSIS, the grand new sweet-scented yellow Primrose, pkt. 20c.
CINERARIA, large-flowering dwarf, mixed, 1000 seeds, 50c.; ½ pkt. 25c.
CYCLAMEN GIGANTEUM, finest giants, mixed, 250 seeds, $1.00; ½ pkt. 50c.; 1000 seeds, $3.50.
GIANT PANSY, finest grown, critically selected, 6000 seeds, $1.00; ½ pkt. 50c.
COLEUS, New Hybrids, fine colors. Best New Giants, pkt. 20c. Very brilliant and showy.
LOBELIA, Blue Ball, dwarf, dark blue, finest of all Lobelias, pkt. 20c. Be sure to sow of this.
TORENIA FOURNIERI, New Giant, extra fine, pot plant, pkt. 20c. Showy.
CANDYTUFT, New Giant Hyacinth-flowered, a great cutter, pkt. 20c.
SWEET WILLIAM; new colors of large white-centered, fine, pkt. 20c. Newest giants.
COLUMBINE. New blue with yellow spurs, extra, pkt. 20c. Grand Novelty.
SHAMROCK, Irish Green, pkt. 20c.
VERBENA, Improved Mammoth, finest giants grown, mixed or separate of purple, white, scarlet, pink, striped, white-eyed. Tr. pkt. 20c.
HELIOTROPE, finest mixed, pkt. 20c.
BROWALLIA, New Giant Blue, pkt. 20c.
CUPHEA. Giant Cigar, fine, pkt. 20c.
GAILLARDIA GRAND, New Giant, pkt. 20c.
COBAEA SCANDENS, extra fine vine, pkt. 20c.
THUNBERGIA, mixed (Black-eyed Susan), fine, pkt. 20c.
ORIENTAL POPPY COLOSSUS, 10 inches diameter, grand and gorgeous, pkt. 20c.
CASH. Liberal extra count.

JOHN F. RUPP, Shiremanstown, Pa.

Mention The Review when you write.

Salvia Seed, 1911 Crop

(Our own growing.)

Bonfire, ½ oz., 60c; 1 oz., $1.00. Zurich, ½ oz., $1.50; 1 oz., $2.50. Above seed is from selected stock.

Geranium Rooted Cuttings, extra strong. Alphonse Ricard, $14.00 per 1000. Ready now. Other varieties in January.

Cash, please.

J. P. SIEBOLD, Lancaster, Pa.

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Stokes Seeds Philadelphia

Salvia NEW CROP SEED

Salvia Splendens, 25c tr. pkt.; $1.25 oz.; $4.00 ¼ lb.; $14.00 lb. **Salvia Clara Bedman** or **Bonfire**, 40c tr. pkt.; $1.50 oz.; $5.00 ¼ lb.; $18.00 lb.

STOKES' SEED STORE
218 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

LILIUM HARRISII

(THE BERMUDA EASTER LILY)

LET US SUPPLY YOUR WANTS IN LILIES THIS SEASON

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers whose stocks have been worked up from the true, original stock. In order to insure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used; this prevents disease and insures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock and when this is disposed of we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

6- 7 inch bulbs, 335 to the case, $15.00 per case; full thousand lots, $ 40.00 per 1000
7- 9 inch bulbs, 200 to the case, 16.00 per case; full thousand lots, 75.00 per 1000
9-11 inch bulbs, 100 to the case, 18.00 per case; full thousand lots, 175.00 per 1000

FERNS

We have an exceptionally nice lot of ferns in the following varieties—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6-inch pots . . . . . $0.50 each
Nephrolepis Elegantissima, Piersoni, Bostoniensis and Harrisii, heavy 8-inch plants . $1.00 to 1.50 each
Nephrolepis Elegantissima, Bostoniensis and Harrisii, heavy 10-inch plants . . . . 2.50 each

F. R. PIERSON CO., TARRYTOWN-ON-HUDSON, N. Y.

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Asparagus Plumosus Nanus

New Crop—Greenhouse-grown

100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $3.50; 10,000 seeds, $30.00.
Sprengeri, 25c per 250 seeds; 75c per 1000 seeds; $2.75 per 5000 seeds.
Our Flower Seed Catalogue free on application.

THE MOORE SEED CO., 125 Market St., Philadelphia

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F. W. O. SCHMITZ

PRINCE BAY, N. Y.

Wholesale Grower, Exporter and Importer of all plants, roots and bulbs in season.

Correspondence Solicited

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Bridgeman's Seed Warehouse

Est. 1824. RICKARDS BROS., Props.

Importers and growers of high-grade

SEEDS, BULBS, PLANTS, Etc.

37 East 19th St., NEW YORK CITY

Telephone 4235 Gramercy

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If you are interested in European stocks of Plants and Seeds and latest news concerning same, subscribe to **THE HORTICULTURAL TRADE JOURNAL**, published weekly, and **THE INTERNATIONAL HORTICULTURAL TRADE JOURNAL**, published quarterly. One dollar (International Money Order) sent to us now will ensure your receiving each number as published for one year.

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BURNLEY, ENGLAND

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LILIES

		Per 100	Per 1000			Per 100	Per 1000
Lilium Longiflorum	7x 9	$4.50	$40.00	Lilium Album	9x11	$11.00	$100.00
Lilium Longiflorum	9x10	8.00	75.00	Lilium Rubrum and Melpomene	8x 9	4.50	40.00
Lilium Formosum	9x10	8.50	80.00	Lilium Rubrum and Melpomene	9x11	8.00	75.00
Lilium Auratum	8x 9	5.00	45.00				
Lilium Auratum	9x10	8.00	75.00				
Lilium Album	8x 9	7.50	70.00				

LILY OF THE VALLEY

Pre-eminently the finest Lily of the Valley in the market today, $15.00 per 1000; original case of 2500, $35.50.

CURRIE BROS. CO., 108 WISCONSIN ST., 312 BROADWAY, **MILWAUKEE, WIS.**

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FOTTLER-FISKE-RAWSON CO.

SEEDS

FOR THE FLORIST

We have special strains of the leading kinds.

BOSTON

FANEUIL HALL SQUARE

Always Mention the...

FLORISTS' REVIEW

When Writing Advertisers

Let Ayres' Superior Orchid-Flowering Sweet Peas

Follow Your Mums

The Fine Unsurpassed varieties

Asta Ohn Spencer, lavender, lb., $2.00. America Spencer, great novelty, red and white striped, lb., $4.00. Florence Morse Spencer, a beautiful light pink, lb., $2.50. Large White Spencer, the unrivaled white, lb., $2.50. Apple Blossom, pink shaded rose, lb., $1.75. Any of the above, oz., 35c. We also have all the winter flowering varieties. Write for our Sweet Pea Catalogue.

Ayres' Re-selected Grand Rapids Lettuce Seed

Is universally used by florists. Oz., 15c; lb., $1.25.

S. B. AYRES CO. Sunnyslope, Independence, Mo.

Florists—Nurserymen—Seedsmen

——10 miles east of Kansas City, Mo.——

Always mention the Florists' Review when writing advertisers.

EDWARD REID Holiday Flowers of all seasonable varieties, of the best, the Reid brand.
WHOLESALE FLORIST 1619-21 Ranstead St., Philadelphia, Pa.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Dec. 25, 1911.

	Per doz.
Beauty, Specials	$9.00 @ $12.00
" Extra	7.50
" Medium	4.00 @ 6.00
" Short	2.00 @ 3.00
	Per 100
The Killarneys, Fancy	$20.00 @ $25.00
" Select	10.00 @ 15.00
" Ordinary	6.00 @ 8.00
My Maryland, Bride—	
Fancy	20.00
Select	10.00 @ 15.00
Ordinary	6.00 @ 8.00
Richmond, Fancy	25.00 @ 30.00
" Select	12.00 @ 18.00
" Ordinary	8.00 @ 10.00
Carnations, Beacon, Bassett, Wards	12.00 @ 15.00
" Select	8.00 @ 10.00
" Ordinary	4.00 @ 6.00
Cattleyas ...per doz., $6.00 @ $7.50	
Dendrobium, per doz., 5.00 @ 6.00	
Oncidiums	5.00 @ 10.00
Vandas	20.00
Cypripediums	15.00
Gardenias.. per doz., $3.00 @ $5.00	
Easter Lilies, per doz., 1.25 @ 1 50	
Callas.....per doz., 2.00 @ 2.50	
Valley	3.00 @ 4.00
Sweet Peas	.50 @ 1.50
Violets, single, fancy	1.00 @ 1.25
" " ordinary	.35 @ .50
" double, fancy	1.00 @ 1.50
Daisies	1.50 @ 2.00
Bouvardia	5.00 @ 8.00
Pansies	.75 @ 1.00
Lilacs.....per bunch, $1.00	
Stevia	1.00
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 4.00
Mignonette	5.00 @ 6.00
Poinsettias .....doz., $2.00 @ $4.00	
Daffodils	5.00

St. Louis, Dec. 27, 1911.

	Per doz.
Beauty, Specials	$8.00 @ $10.00
" Extra	5.00 @ 6.00
" Shorts	2.00 @ 3.00
	Per 100
Bride, Maid and Cochet	$ 6.00 @ $15.00
Richmond	4.00 @ 8.00
Maryland	6.00 @ 15.00
White Killarney	6.00 @ 15.00
Killarney	6.00 @ 15.00
Carnations	4.00 @ 5.00
Lily of the Valley	3.00 @ 4.00
Harrisii	10.00 @ 12.50
Orchids.....doz., $5.00 @ 6.00	
Violets	.75 @ 1.00
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
Stevia	1.00 @ 1.50
Poinsettias	15.00 @ 25.00

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Boston, Dec. 27, 1911.

	Per 100
Beauty, Specials	$40.00 @ $60.00
" Extra	15.00 @ 30.00
" Short Stems	4.00 @ 12.00
Killarney	3.00 @ 16.00
White Killarney	2.00 @ 10.00
My Maryland	3.00 @ 12.00
Mrs. Aaron Ward	2.00 @ 10.00
Lady Hillingdon	2.00 @ 10.00
Richmond, Rhea Reid	4.00 @ 16.00
Carnations	2.00 @ 5.00
Cattleyas	30.00 @ 50.00
Cypripediums	8.00 @ 10.00
Pansies	.50 @ 1.00
Lily of the Valley	2.00 @ 3.00
Lilium Longiflorum	10.00 @ 12.00
Gardenias	4.00 @ 16.00
Violets	1.00
Sweet Peas	.50 @ .75
Antirrhinums	3.00 @ 5.00
Marguerites	1.00 @ 2.00
Paper White Narcissi	1.00 @ 1.50
Roman Hyacinths	1.00 @ 1.50
Mignonette	3.00 @ 8.00
Stevia.....per bunch, 15c @ 25c	
Bouvardia, per bunch, 50c @ $1.00	
Yellow Trumpet Narcissi	3.00 @ 4.00
Tulips	3.00 @ 4.00

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Chicago, Dec. 27, 1911.

	Per doz.
Beauty, long stems	$8.00
" 36-in. "	7.00
" 30-in. "	6.00
" 24-in. "	5.00
" 20-in. "	4.00
" 15-in. "	3.00
" 12-in. "	2.00
" short "	$1.00 @ 1.50

	Per 100
Killarney	$ 5.00 @ $15.00
White Killarney	5.00 @ 12.00
Richmond	5.00 @ 20.00
My Maryland	5.00 @ 15.00
Mrs. Jardine	5.00 @ 15.00
Rhea Reid	10.00 @ 25.00
Mrs. Aaron Ward	8.00 @ 25.00
Prince de Bulgarie	8.00 @ 25.00
Melody	8.00 @ 25.00
Perle	5.00 @ 12.00
Carnations	2.00 @ 6.00
Valley	3.00 @ 5.00
Easter Lilies	12.50
Cattleyas...per doz., $6.00 @ $12.00	
Violets	1.00 @ 1.50
Sweet Peas	.75 @ 1.50
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
Mignonette	4.00 @ 8.00
Bouvardia	6.00 @ 10.00
Stevia	1.50
Freesia	4.00 @ 6.00
Tulips	4.00 @ 5.00

Pittsburgh, Dec. 27, 1911.

	Per doz.
Beauty, Specials	$6.00 @ $8.00
" Fancy	4.00 @ 5.00
" Medium	2.00 @ 3.00
" Short	1.00

	Per 100
Killarney	$4.00 @ $15.00
White Killarney	4.00 @ 15.00
Richmond	4.00 @ 15.00
My Maryland	4.00 @ 15.00
Carnations	3.00 @ 5.00
Cattleyas	75.00
Oncidiums	4.00
Valley	4.00
Lilies	12 00
Violets, double	.75 @ 1.25
Daisies	2.00
Paper Whites	3.00
Stevia	1.00 @ 2.00
Sweet Peas	1.00 @ 1.25
Lilac....per bunch, $1.00 @ $1.50	
Baby Primroses	.10
Mignonette	3.00 @ 4.00

Cincinnati, Dec. 27, 1911.

	Per doz.
Beauty, Extra	$12.00
" No. 1	10.00
" No. 2	$4.00 @ 6.00

	Per 100
Killarney	$ 4.00 @ $10.00
Richmond	8.00 @ 15.00
Bride	4.00 @ 10.00
Carnations	6.00 @ 8.00
Lilium Harrisii	10.00 @ 15.00
Lily of the Valley	4.00
Cattleyas	60.00
Violets	1.50 @ 2.00
Narcissi	3.00 @ 4.00
Stevia.....bunch, 35c	
Sweet Peas	1.00 @ 2.00

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Phones 1664-1665 Madison Square
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Plants and Cut Fowers of every variety.
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All colors. Wired ready for use, waterproof, more advantageous than natural Capes. Samples on request. Also a full line of Crepe Roses, Chrysanthemums, Callas, Easter Lilies, Orchids, Acacias, Violets, Sweet Peas, Valley, Carnations, etc., natural prepared Adiantum, Sea Moss, Metal Wreaths, Crosses, etc., and everything in the Florists' Supply Line.
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References; Corn Exchange Bank and Bradstreet & Co.
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New York, Dec. 25, 1911.

	Per 100
Beauty, Specials	$50.00 @ 75.00
" Fancy	35.00 @ 50.00
" Extra	25.00 @ 35.00
" No. 1	10.00 @ 15.00
" No. 2	4.00 @ 6.00
Bride and Maid	2.00 @ 10.00
Killarney	2.00 @ 15.00
My Maryland	2.00 @ 15.00
Richmond	4.00 @ 35.00
Chatenay	2.00 @ 20.00
Jardine	4.00 @ 25.00
Prince de Bulgarie	4.00 @ 25.00
Lady Hillingdon	4.00 @ 25.00
Orchids	40.00 @ 100.00
Cypripediums	10.00 @ 15.00
Carnations	2.00 @ 10.00
Easter Lilies	6.00 @ 10.00
Lily of the Valley	2.00 @ 4.00
Gardenias...per doz., $1.00 @ $6.00	
Violets	.50 @ 1.00
Daisies	.50 @ 2.00
Chrysanthemums	8.00 @ 25.00
Hyacinths	1.00 @ 1.50
Sweet Peas, doz. bches.,	$0.75-$1.50
Narcissi .....bunch,	.20- .25
Callas.....per doz.,	1.00- 1.25
Lilac .....per bunch,	.75- 1.00
Mignonette...per doz.,	.25- .75
Stevia .....per bunch,	.10- .25
Smilax.....per doz.,	1.00- 1.50

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Fine assortment of All Cut Flowers, Roses, Carnations, Orchids, Valley, Violets, Narcissi, Hyacinths, etc. Oldest Reliable Cut Flower Business in New York. Open every morning at 6 o'clock.

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Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

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SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.

Green and Bronze Galax Leaves.

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Room for the products of growers of first-class stock. We have what you want when you want it.

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6 Adams Ave. W., Detroit, Mich.

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800 ACRES — 65 YEARS

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NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Officers for 1911-12: Pres., J. H. Dayton, Painesville, O.; Vice-pres., W. H. Wyman, North Abington, Mass.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-seventh annual meeting, Boston June 1912.

THE Wyoming Plant & Seed Breeding Co., at Worland, Wyo., is making preparations to add a nursery department to its business.

M. G. BLACK, manager of the Vine Hill Nurseries, at Mount Pleasant, Tex., has purchased a 400-acre farm two miles south of town and will make use of the ground in extending the company's business. The total area of the nurseries is now 556 acres.

AT a recent meeting of the Illinois State Horticultural Society, held at Champaign, a committee was appointed to obtain funds for the protection of orchards and nurseries from San Jose scale. The members of the committee are W. A. Aldrich, W. S. Perrine and J. C. B. Heaton.

THE Nursery Farm Co., with headquarters at Corpus Christi, Tex., has had a party of surveyors in the field running the levels for a levee along the Nueces river for a distance of eight miles. This will be completed in March and will reclaim about 6,000 acres of valuable land. 2,000 acres of which will be in crop this coming year.

AT the recent meeting of the Western Association of Nurserymen, at Kansas City, W. P. Stark, ex-president of the American Association of Nurserymen, and Prof. S. J. Hunter, of the University of Kansas, were appointed to go to Washington to oppose the Simmons bill, but to work in the interest of a law which shall afford all the benefits of federal inspection and regulation without placing control of the trade's source of supply on raw material uncurbed in the hands of one individual.

PEONIES FOR DECORATION DAY.

I should be pleased to have a list of the best market varieties of peonies, early enough to be in bloom for Decoration day in southwestern Pennsylvania. I. V. K.

Among peonies suitable for Decoration day blooming, the first and earliest is Umbellata Rosea, otherwise known as Sarah Bernhardt, the earliest of all the Chinensis class—too early, in fact, for ordinary seasons, but always to be depended upon in a late season, when other varieties fail. Among the well-known standard varieties I would suggest: Festiva Maxima and The Bride for white; Edulis Superba and Alexander Dumas for pink. The crimson varieties, as a rule, are late; the earliest, perhaps, is Rubra Triumphans. This is nearly semi-double and for that reason is not so desirable for cut flowers. Other standard red varieties, such as

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City. Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS, Nurserymen and Florists RUTHERFORD, N. J.

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California Privet

A full supply for all who need well grown, well graded, well rooted and well packed 2-year-old

California Privet

Only strong branches counted. Satisfaction guaranteed.

	Per 100	Per 1000
12 to 15 in., branches	$1.00	$ 7.00
15 to 20 in., 3 or more branches	1.50	10.00
20 to 30 in., fine, 4 or more branches	2.00	15.00
2½ to 3 ft., strong, 6 or more branches,	3.00	25.00
3 to 4 ft., extra hv'y, 8 or more branches	4.00	30.00

10 per cent off on 5000 lots of the first four grades. Special low rates on car lots. Correspond before purchasing.

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IN THE WORLD

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We have one of the finest stocks anywhere in the country and should be very glad to figure with you on your list of wants.

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APPLE and PEACH. Large stock Fine Trees, commercial varieties.

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TAUSENDSCHON .....$18.00 DOROTHY PERKINS $12.00

BABY ROSES

Crimson, Baby Rambler, $15.00 per 100.
White, Katherine Zeimeth, $15.00 per 100.
Pink, Mrs. Cutbush, $15.00 per 100.
Scarlet, Jessie, $3.00 per dozen.
(The BEST Baby Rose for pot culture.)

The following bush roses at $15.00 per hundred:

American Beauty, La France, Killarney, Hermosa, Leonie Lamesch, Hugh Dickson, Mme. Caroline Testout, Kaiserin, Duchess of Albany, Etoile de France, Clothilde Soupert, White Cochet, Gruss an Teplitz, Anny Muller, Maman Cochet, Magna Charta.

All fine forcing grade, the very best plants selected out of immense blocks.

HALF-STANDARDS, Baby Ramblers, imported, at $3.00 per dozen.

JACKSON & PERKINS CO., Rose Growers for the Trade. Wholesale Only. **Newark, New York.**

Mention The Review when you write.

Delachei, Louis Van Houtte and Felix Crousse, are usually too late for Decoration day. La Fontaine (Dessert) and Raphael (Dessert) are two very early red varieties that will be useful for Decoration day when the stock of them is more plentiful. Mme. Mechin and Pierre Dessert are two desirable crimson varieties that can usually be depended upon. Grandiflora Nivea Plena, white, and Therese, pink, are both very early and will be desirable when the stock is more plentiful.

Bertrand H. Farr.

CYANIDE FOR WHITE FLY.

I want to give my experience in fumigating a greenhouse. I had a good deal of trouble with white fly, so I found out what I could about hydrocyanic acid gas. My first attempt to use it was not a success, but I continued to experiment with it till I got good results. I have read A. L. Merrill's account of his experience, in The Review of December 14, page 42, and I believe he used the gas entirely too strong.

The size of my greenhouse is 20x50 feet. The side walls are four feet high and the height to the ridge is ten feet. There are a great variety of plants in the house, including carnations, geraniums in full bloom, Lorraine begonias, ferns, palms and lettuce. To fumigate this house, I use two 2-quart jars. In each jar I put one inch of water; then I put in each jar one ounce of sulphuric acid. When I am ready to get out, I put one ounce of cyanide of potash in each jar. Then I close the house and leave it for the night. When I open it in the morning I sometimes find that there are a few flies left; in that case I give them another dose in the evening. In nine cases out of ten, however, one fumigation is sufficient. I never spoiled a plant.

O. L. Henry.

Fond du Lac, Wis.—The Haentze Co. has ordered material for three new houses of Garland trussed iron frame construction, to cover an area of about 18,000 square feet. The work of erecting the houses will be started early, so as to have them ready for use by spring.

The Best White Rose Ever Offered

WE SHALL DISSEMINATE

Double White Killarney

We Are Now Booking Orders For March Delivery.

It made a great record at the shows this fall. See it growing at The Budlong Rose Co., in Auburn, R. I., or with us at Cromwell.

Order now to be sure of early delivery.

A. N. PIERSON, Inc., Cromwell, Conn.

Mention The Review when you write.

ROOTED ROSE CUTTINGS NOW READY

Kaiserin, per 100.....	$3.50	Per 1000.....	$25.00
Perles, per 100	3.50	Per 1000.....	25.00
My Maryland, per 100,.....	2.00	Per 1000.....	15.00

All first-class stock, well rooted.

BASSETT & WASHBURN

Office and Store
131 N. WABASH AVE., CHICAGO

Greenhouses
HINSDALE, ILL.

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LEEDLE SPRINGFIELD ROSES

2½-in. 4-in.

Shipping Booking Growing

Mention The Review when you write.

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OAKS AND MAPLES, PINES AND HEMLOCKS

ANDORRA NURSERIES

Wm. Warner Harper, Prop.

Chestnut Hill, Philadelphia, Pa.

Mention The Review when you write.

Clematis Paniculata

Strong, Field-grown Stock.

2-year, No. 1,
$7.00 per 100; $60.00 per 1000.

Extra selected,
$8.00 per 100; $70.00 per 1000.

VICK & HILL CO.

P. O. Box 613 ROCHESTER, N. Y.

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	Per plant
WHITE	
Mrs. David Syme	$1.00
Other Varieties	Per doz. / 100
W. Oct. Frost	$0.60 / $4.00
Kalb	.60 / 4.00
White Cloud	.60 / 4.00
Ivory	.60 / 4.00
Virginia Poehlmann	.60 / 4.00
Touset	.60 / 4.00
Alice Byron	.60 / 4.00
W. Eaton	.60 / 4.00
W. Jones	.60 / 4.00
W. Chadwick	.60 / 4.00
Jeanne Nonin	.60 / 4.00
YELLOW	
Yellow Oct. Frost	.75 / 5.00
Monrovia	.60 / 4.00
Oct. Sunshine	.60 / 4.00
Halliday	.60 / 4.00
Yellow Ivory	.75 / 5.00
Major Bonnaffon	.60 / 4.00
Y. Eaton	.60 / 4.00
Golden Chadwick	.60 / 4.00
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Pink Ivory	.60 / 4.00
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Dr. Enguehard	.60 / 4.00
Maud Dean	.60 / 4.00
RED	
Intensity	.60 / 4.00
Shrimpton	.60 / 4.00
BRONZE	
Fancy Bronze	.75 / 5.00

ROOTED CARNATION CUTTINGS

	R. C.		2½-in. pots	
	100	1000	100	1000
Enchantress	$2.50	$20.00	$3.50	$30.00
White Enchantress	2.50	20.00	3.50	30.00
Winsor	2.50	20.00	3.50	30.00
Harlowarden	2.50	20.00	3.50	30.00
Beacon	3.00	25.00	4.00	35.00

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S. Poolman, Mgr. SUMNER, WASH.
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AND PLANTERS' GUIDE

The Nineteenth Annual Catalogue of the
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is again before the public. It is larger and a decided improvement over any previous number, which indicates the growth of a wide-awake, up-to-date seed house. It tells you **WHAT** to plant and **WHEN** to plant it under every condition of climate and soil. **WHAT** and **WHEN** to grow for the local market, or for export.

The list of roses and ornamental plants cannot be excelled. It is free for the asking. Write for it at once. Address

AGGELER & MUSSER SEED COMPANY,
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Alaska, California and **Westralia,** extra strong field divisions, $24.00 per 1000; $2.50 per 100.

Cyclamen Persicum Giganteum, 3, 4 and 5-in. pots, $7.00, $12.00 and $20.00 per 100. Fine bushy plants, well budded.

Asparagus Plumosus, 3-in., $5.00 per 100.

Asparagus Sprengeri, 3, 4 and 5-in. pots, $5.00, $8.00 and $15.00 per 100.

Also **Shasta Daisy, Pentstemon Hybridum Grandiflorum, Delphinium Hybridum** and other choice seeds. Send for list.

Cash, please.

FRED GROHE, Santa Rosa, Cal.
R. D. 4.

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7-in. pots, per doz	$ 9.00
6-in. pots, per 100	65.00
5-in. pots, per 100	$45.00 to 50.00
4-in. pots, per 100	25.00
Cyclamen, 25,000 August seedling plants, all separate colors, per 100, $2.00; per 1000,	18.00
Asparagus Plumosus, 3-in. pots, per 100	7.00
" " 2-in. pots, per 100	3.00
" **Sprengeri**, 3-in. pots, per 100	5.00
" " 2-in. pots, ready for shift, per 100	2.50
Boston Ferns, per 100	$25.00, $40.00 and 50.00
Elegantissima Ferns, 100, 25.00, 40.00 and	50.00
Whitmani Ferns, per 100, 25.00, 40.00 and	50.00

F. O. B. Portland

R. KEIL, - Lents, Oregon

Always mention the Florists' Review when writing advertisers.

PACIFIC COAST.

Newport, Wash.—Ralph D. Kaler, who conducted business here under the name of Newport Floral Co., has sold his establishment to August Erickson. Mr. Erickson has already added a new section, 20x73, to the greenhouse. He will grow lettuce and other vegetables.

Marysville, Cal.—Mrs. E. L. Alexander and her sister, Mrs. Andrews, have purchased twenty acres of ground near this town and will engage in business as florists and gardeners, under the firm name of Andrews & Alexander. Mrs. Andrews is thoroughly experienced in the work. They will find a convenient market for their crops both here and at Sacramento, by means of an electric line which runs close to their place. They will erect a lath house, a greenhouse and some other buildings.

PORTLAND, ORE.

The Market.

As I write we are in the midst of the Christmas rush. While it is too early to determine the final result, indications are in favor of a record business. Stock is plentiful; that is, potted stock, poinsettias having the first call. Still, azaleas, Lorraines and cyclamens play an important part, with quality up to the standard. Basket arrangements prove popular. Roses and carnations, especially of the brighter colors, are the best sellers, yet when the smoke clears away there will be nothing left. By special effort, mums are available in unusual quantities, retail prices ranging from $4 to $9 per dozen. Christmas coming on Monday gives the florists more sales days, as well as extra time for delivery, yet Saturday is expected to be the banner day.

Various Notes.

Randolph Gibson has taken over the A. H. Tackman greenhouses at The Dalles.

Mrs. Chas. Whiten, of Astoria, was in town this week to arrange for additional stock for the holiday. E. R. C.

LOS ANGELES, CAL.,

The Market.

The Christmas business was considerably the best that ever has been enjoyed by the florists of Los Angeles. The demand began to be felt earlier than usual and continued steadily through several days, culminating in a grand rush that swept away every flower that was offered. The total sales were an exceedingly satisfactory percentage ahead of last year.

Cut flowers were not equal to the demand and calls were made on the San Francisco market to supply the deficiency. Good plants were scarce, there being an unusually large increase in the call for blooming stock. Everything was sold out by Christmas morning but a few azaleas, and these as a rule were plants that could hardly be classed as good. The Los Angeles retailers are not adept at making up the baskets of mixed plants that are so largely sold in the east, for the demand has not heretofore run heavily to these, but this year's experience no doubt will

It Pays

To Pacific Coast Florists:

What stock have you for sale to the trade? Is it moving as it should? No?

Then tell the trade about it by using the Pacific Coast Pages of The Review.

Pacific Coast advertisers almost invariably report good results. Like this:

We are well pleased with the results obtained by advertising in the Pacific Coast Department of The Review. We sold out clean for Thanksgiving and refused many orders. The Review surely gives results.—Van Slyke & Seamons, Tacoma, Wash., November 30, 1911.

The transient rate for space is $1 per inch per insertion. Those who have stock to offer all or a considerable part of the year around should write for contract rates.

Florists' Publishing Co.
508 So. Dearborn Street : CHICAGO

lead to better things in the line of plant combinations for another Christmas.

The weather was ideal for the trade, being cool and bright, and all the leading stores worked day and night from Friday to Monday to keep pace with the demands of their customers. R.

SEATTLE.

Club Meeting.

There was a large turnout at the last meeting of the Florists' Club, with the growers, as usual, predominating. What is the reason that the retailers do not come in larger numbers to these beneficial meetings? Three new members were admitted. A preliminary schedule of the chrysanthemum show for next year was presented by the committee, and passed.

The club has decided to hold a rose show in the coming summer and a committee was appointed to draw up a prize list. Most of the premiums will be open to amateurs. If properly conducted, there is no reason why the show should not be successful. In a community such as this, the failure heretofore to have anything of this sort does not reflect much credit on florists or others, who ought to have the beautification of this naturally picturesque city at heart. Roses grow here with probably less trouble and in more profusion than in most other places and there should be a great display at the club's exhibition.

Various Notes.

The bowling club was in session after the florists' meeting. Jack Sahle proved himself the champion for the evening.

Henry Bornhoff, of the Fairview Esquimalt Greenhouses, Victoria, B. C., was in the city for a few days, visiting his old friends.

Sandahl & Sons, Inc., had a large decoration for an Elks' silver wedding last week.

Mr. Risdon, Sr., has returned from Los Angeles, finding it too hot in that city. His many friends are glad to welcome him home.

Peter Saal has decided to take a vacation trip to the old country. During his absence his plant at Bellevue will be managed by Mr. Petrie, his brother-in-law. T. W.

SAN FRANCISCO, CAL.

The Market.

We have had some miserable weather during the last few weeks. Cold, dry north winds and frosty nights have made a combination hard to beat in the way of making stock scarce and customers disinclined to brave the elements and do their Christmas shopping early. At the time of this writing we are within a few days of that memorable occasion and things are looking brighter from all sides. That there is no excess of stock goes without saying, and prices have taken quite an upward turn since the first part of the week. There has been such an amount of out-of-town shipping for the last ten days that things begin to look a bit serious for the low prices we have enjoyed during the last month.

Carnations and roses show the greatest tendency toward scarceness. Violets up to this time have been plentiful, but they also, owing to the unfavorable weather, give great promise

Rooted Carnation Cuttings
NOW READY

White	100	1000	Pink	100	1000
White Enchantress	$2.50	$20.00	Enchantress	$2.50	$20.00
White Perfection	2.50	20.00	Rose-pink Enchantress	2.00	18.00
Alma Ward	2.50	22.50	Dorothy Gordon	3.00	25.00
White Wonder	6.00	50.00	Washington	6.00	50.00
Red	100	1000	Princess Charming	$6.00	$50.00
Beacon	$2.00	$17.50	Admiration	2.00	18.00
Victory	2.00	17.50	**Yellow**	100	1000
Crimson	100	1000	Eldorado	$1.75	$15.00
Harlowarden	$1.75	$15.00			

Express charges on rooted cuttings amounting to $10.00 or more prepaid. 25 at 100 rate; 250 at 1000 rate.

Loomis Carnation Co.
D. F. RODDAN & SON, Props. LOOMIS, Placer Co., CAL.

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CHAS. E. MORTON, Mgr. 414½ S. Broadway, Los Angeles, Cal.

The best equipped wholesale house on the Pacific Coast. Handling the entire cut from eighteen large growers. Chrysanthemums, Roses, Carnations, Violets, Plumosus, Ferns, Smilax, in fact everything in season.

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Write, telegraph or telephone your orders. Prompt attention given.

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ROOTED CARNATION CUTTINGS — Immediate Delivery

	100	1000		100	1000
Rose-pink Enchantress	$2.00	$18.00	Eldorado	$1.80	$17.00
Enchantress	1.80	17.00	Victory	1.80	17.00
W. Enchantress	2.00	18.00	Winona	1.70	16.00
Beacon	1.80	17.00	W. Perfection	2.50	20.00
Harlowarden	1.70	16.00	W. P. Bassett	2.50	20.00
White Lawson	1.80	17.00	Winsor	2.00	18.00

All heel cuttings and well rooted.

FALLEN LEAF GREENHOUSES, Roseville, Cal.

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BASSETT'S FLORAL GARDENS, B. S. BASSETT, Proprietor LOOMIS, CAL.

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GREENS
We make a specialty of Decorative Greens: Smilax and A. Plumosus Strings, A. Plumosus and A. Sprengeri Sprays. Also cut flowers. Write for prices.

Walter Armacost

OCEAN PARK :: :: CAL.

PALMS PALMS PALMS PALMS PALMS

WASHINGTONIA ROBUSTA

1, 1½, 2, 2½, 3 and 3½ ft., at 25c, 30c, 40c, 45c, 55c and 75c each (balled plants). Ask for our Wholesale Palm List of all kinds of Palms (Cocos, Phoenix, Seaforthia, etc.) State quantity wanted.

EXOTIC NURSERIES, Santa Barbara, Cal.

PALMS PALMS

Mention The Review when you write.

Watsonia Ardernei Alba
Good, strong, flowering bulbs, doz., $1.00; 100, $7.00.

Dracaena indivisa, good, hardy plants, for 2-3-in. pots, hundred, $1.00.

By free delivery.

HENRY MELDE, EUREKA, CALIF.

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CARNATION CUTTINGS

Beacon, $3.00 per 100, $25.00 per 1000. **Enchantress**, White Enchantress, Perfection, Shasta, Alma Ward, C. W. Ward, Sangamo, Winsor, Robt. Craig, $2.50 per 100, $20.00 per 1000.

Violets, Princess of Wales, Marie Louise, $2.00 per 100.

Chrysanthemum Stock. All standard varieties, stock plants, 5c each; R. C., $2.00 per 100.

Write for price list of 2-year-old roses, perennials, bedding stock, etc.

Van Slyke & Seamons, Tacoma, Wash.

Mention The Review when you write.

of not being in sufficient numbers to fill requirements. Daffodils and narcissi are making a good showing, with plenty of Romans both cut and in pots. Valley is a shade scarcer and orchids apparently more plentiful. Red berries hold the balance of power and never have they been in better color or quantity. The public never seems to tire of them at this season and their cheapness and ready sale make them one of the heavy factors to be reckoned with. Aside from Christmas orders, there is a goodly supply of funeral orders divided among the stores.

Various Notes.

E. W. McLellan has returned from a trip to Los Angeles.

J. S. Thomason, a well known horticulturist from Ukiah, is in town for a few days.

The Domoto Co. received three carloads of ornamental stock from Europe recently.

Mrs. L. Devencenzi, widow of the late A. Devencenzi, has purchased the Sutter street store formerly owned by the Fairmount Floral Co. and will operate it under the name of the L. Devencenzi Floral Co.

H. Gresens, for many years in the retail business in Alameda, has sold his interest to his former partner, Chas. Werner.

C. E. Lilley is shipping much stock of the native growth to the city retailers. His ivy fern is exceptionally good at this time. G.

TACOMA, WASH.

The Market.

There has been little change in market conditions during the last week. The weather continues fine and there is apparently a good supply of everything for Christmas. Poinsettias have come on in fine shape and are of excellent quality. Roses are scarce, but of good quality. The carnations are beginning to show the effects of the warm, cloudy weather and some of the growers are bringing in rather weak, soft stock. The stores generally report a good holiday business, though it is too early yet to estimate results exactly.

Holly seems to do well here, but local growers heretofore have not given much attention to the growing of that kind of stock. No doubt some enterprising florist will take that up on an extensive scale in the near future, and there is no apparent reason why enough holly for the local demand at least should not be grown here, instead of having to depend on the imported stock, which generally reaches here in poor condition.

Various Notes.

The Florists' Club bowling team, in the last city league contest, took three straight games from the "crack" Gas Co. team, and then, just to show that they could do it again, they beat the P. O. team, also of the city league, three games. "Some bowlers," these local florists. They are matched to play the Seattle club sometime after the holidays. I wonder why Seattle wanted to wait until after New Year's. The following are the totals for the last three games: 776, 788, 805.

The next regular meeting of the Florists' Club will be held January 4, 1912. J. L. S.

Direct Importations---Tree Fern Stems

Due to arrive in the early spring of 1912.
The grandest and most graceful of all decorative plants.

Alsophila robusta, Dicksonia Antarctica, Dicksonia squarrosa, Cyathea medullaris, Cyathea dealbata, Cyathea Smithii Cyathea Cunninghami.

All sizes from three feet up.

We will also receive specimen plants of Platyceriums and Todeas,

Prices and particulars on application.

MacRORIE-McLAREN COMPANY

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ASPARAGUS PLUMOSUS NANUS SEED

Season 1911—1912.

Ready NOW--our own grown seed

In Lots of 1,000	per 1000,	$2.50
In Lots of 10,000	per 1000,	2.00
In Lots of 20,000	per 1000,	1.75
In Lots of 50,000	per 1000,	1.50

Write for quotations on larger lots.

Los Angeles Flower Market, 414½ South Broadway LOS ANGELES, CAL.

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BARGAIN PRICES

Selling out all nursery stock except Kentias. **Areca Sapida**, potted, 2, 2½, 3, 3½, 4, 4½, 5, 5½-feet, at $1.20, $1.40, $1.80, $2.30, $2.90, $3.50, $4.20, $4.80 each. **Phoenix Canariensis**, balled and ready for shipment, 3, 3½, 4, 4½, 5, 5½-feet, at 60c, 80c $1.00, $1.20, $1.45, $1.75 each. **Phoenix Can.**, from 2½-inch, $5.00 per 100. **Washingtonia Rob.**, from 2-inch, $4.50 per 100. **Cocos Plumosa**, balled, 3, 4, 5, 6, 7 feet, at $1.50 $2.00, $3.00, $4.50, $6.00 each.

Write for special prices on carload orders.

Kentia Nurseries, - Santa Barbara, Cal.

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Sweet Pea Seed

"The Three Incomparable Reds"

Thos. Stevenson, orange-scarlet Spencer.
Maud Holmes, crimson (sun-proof) Spencer.
Kelway's Black, grandiflora.

Write for prices.

LEONARD COATES NURSERY CO.
Morganhill, Santa Clara Co., Cal.

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110 E. 49th St., PORTLAND, ORE.

Marguerite Mrs. F. Sander, 2½-in. pots, fine plants, $15.00 per 100.
Heliotrope Centifleur, 2½-in. pots, $10.00 per 100.
Hall Caine Geranium, largest and best bloomer of all, single, red, 2-in. pots, $5.00 per 100.
Palms, Ferns and Araucarias. Write for prices.

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Asparagus Plumosus and **Sprengeri**

Out of 2-inch pots, $3.00 per 100.

Phoenix Canariensis, out of 2½-inch pots, $5 00 per 100.
Washingtonia Sonorae, out of 2-inch pots, $5.00 per 100.

H. KEMPF, Pacific Nursery
3041 Baker St., SAN FRANCISCO, CAL.

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50,000 PANSY PLANTS

of the best mixtures known, stocky plants, ready to transplant now.....50c 100; $3.00 1000. Cash, please.

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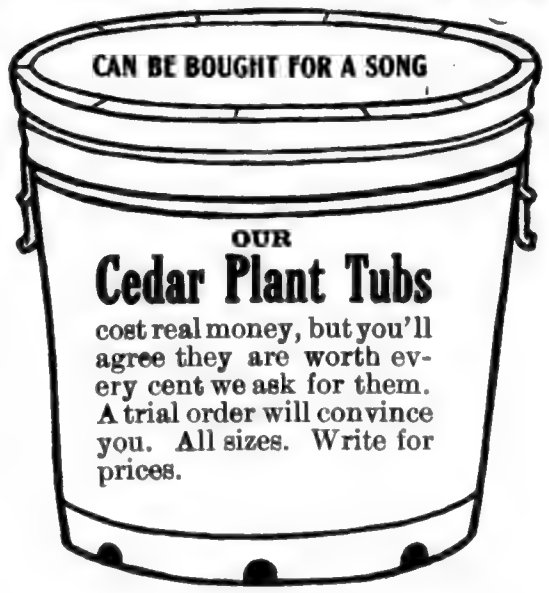
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Rooted or unrooted.

California Carnation Co., Loomis, Cal.

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SOME TUBS



OUR
Cedar Plant Tubs
cost real money, but you'll agree they are worth every cent we ask for them. A trial order will convince you. All sizes. Write for prices.

PATTON WOODEN WARE CO.
SEATTLE, WASH.

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909-911 Post St., SEATTLE, WASH.

Everything in cut flowers, greens, plants, etc., at lowest prices.

Write, wire or phone. L. P. WALZ, Mgr.

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A list of PLANT NAMES and the Botanical Terms most frequently met with in articles on trade topics, with the correct pronunciation for each.

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FLORISTS' PUBLISHING CO.
508 So. Dearborn St., Chicago

YOU WHO WANT

Early Cuttings

Place your orders and get

IMMEDIATE DELIVERY

	Per 100	Per 1000
Enchantress, White Enchantress, Beacon,	$3.00	$25.00
White Wonder, Gloriosa, Norwood,	$6.00	$50.00

Dorothy Gordon, $4.00 per 100; $35.00 per 1000
Perfection, - 3.50 per 100; 30.00 per 1000
Winsor, - $2.50 per 100; $20.00 per 1000
Rose-pink Enchant., 2.50 per 100; 20.00 per 1000

J. D. Thompson Carnation Co., Joliet, Ill.

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New Carnation

"It's making good."
"You can't do without it."
"In a class by itself."

Princess Charming

Flesh pink; finer color, larger flower, longer, stiffer stem, will furnish more first-class blooms than Enchantress during season; absolutely healthy. $6.00 per 100; $50.00 per 1000.

CHRISTMAS CHEER

The scarlet pot carnation, an easy money maker. $6.00 per 100; $50.00 per 1000.

WODENETHE

The new peerless white. $12.00 per 100; $100.00 per 1000.

Henry Eichholz

WAYNESBORO, PA.

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A. & C. Pearson, Lowdham, Nottingham, Eng.

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CARNATIONS

Strong, clean, healthy stock; well rooted when shipped. Ready January 1.

	100	1000		100	1000
Beacon	$2.50	$20.00	White Perfection	$2.00	$17.50
White Enchantress	2.50	20.00	Rose-pink Enchantress	2.00	17.50
Enchantress	2.00	17.50			

PETER REINBERG

30 East Randolph Street CHICAGO

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ORCHIDS

Greatest quantity and variety in the country, and for all purposes. We are now booking orders for **freshly** imported stock for next year. Write for prices.

LAGER & HURRELL, Summit, N.J.

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Chrysanthemums

WRITE FOR CATALOGUE

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We are now booking orders for the **Spring Importations.** Placing orders now insures to you an early delivery and **best results.**

Send for Catalogue.

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ANTON SCHULTHEIS, College Point, L. I.

Headquarters for

DECORATIVE and FLOWERING PLANTS

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ST. LOUIS.

The Christmas Trade.

Everyone in the trade seems more than satisfied with the business he did during the last three days of the Christmas rush—Saturday, Sunday and Monday. The west end establishments did an enormous business in both plants and cut flowers. Judging from the reports that can be gathered this early, the four wholesalers were all busy during the whole week attending to shipping orders and the local trade. The weather for delivery was just right and little wrapping was necessary on plants or boxes of cut flowers. The large establishments say that they "had it easy this year," as they had three days for delivery. They say the demand for plants was away above that for cut flowers and it is certain that the show houses of the west end florists do look empty.

In the plant line bright colors prevailed all over. Poinsettias, Lorraine begonias, azaleas, dwarf holly trees and cyclamens had the call over anything else in the plant line. The principal show houses were packed with these early in the week. Along Grand avenue, both north and south, a great show was made, and all of the florists on that thoroughfare say that they were never so busy, and they are still hustling at this writing to get their orders out.

The florists in the downtown district, too, say that business was beyond their expectations. They had all they could do and all carried a fine, large stock of plants and cut flowers. The wholesale markets had a fine lot of all seasonable flowers and everything that was good was cleaned up early at good prices.

One noticeable feature this year was the price of California violets. As a rule, the prices did not go over $1 per hundred, in either small or large lots. Of Romans, Paper Whites and valley there were more than enough for the demand. Roses sold high—$20 to $25 per hundred for fancy stock and from $6 to $10 for good grades. American Beauties were scarce in this market; long, fancy Beauties sold at $12 per hundred, and $8 per hundred was asked even for short culls. Carnations were all cleaned up. The top price was 8 cents and as low as 5 cents was paid for small, common stock. There were more cut poinsettias in the market this year than ever. The best brought $3 per dozen. Greens and holly sold well all over the city.

No doubt stock will be scarce all the week and prices will remain about as they were during the last week. There is a prospect of a good New Year's business. J. J. B.

New Castle, Ind.—James McLaughlin, who during the last two years was connected with different florists' establishments here, has gone to Petersburg, Ill., where he is engaged in the same kind of work.

Rooted Carnation Cuttings

of up-to-date varieties
List on application

LITTLEFIELD & WYMAN
NORTH ABINGTON, MASS.
Mention The Review when you write.

Booking orders now for

HELEN NEWBERRY

The Fine Late White
POMPON CHRYSANTHEMUM

Delivery March 1, 1912. Orders Filled in Rotation

PRICES

100 for $15.00 25 for $5.00
50 for 7.50 12 for 3.00

Send orders to

Fred Pautke or **Fred Breitmeyer**
Grosse Pointe, Mich. **Mt. Clemens, Mich.**

Mention The Review when you write.

ST. NICHOLAS

We have put St. Nicholas to the severest tests in the way of keeping and shipping, and it has more than made good every time. As a long distance traveler it has no superior.

Its quality is well established by the high scores it has made everywhere we have shown it.

As a producer it equals any of the standard commercial varieties. Comes in early and never off crop.

Come and see it growing at our plant any time it is convenient to you. But send in your order for **early delivery.**

$12.00 per 100; $100.00 per 1000.

BAUR & STEINKAMP
Carnation Breeders **Indianapolis, Ind.**

Mention The Review when you write

Don't Delay Ordering

Benora Carnation

NOW, for seasonable delivery.

Write for descriptive circular. Cultural directions with each shipment.

$12.00 per 100; $100.00 per 1000.

PETER FISHER, Ellis, Mass.

THE NEW YELLOW FORCING ROSE SUNBURST



This magnificent, giant yellow rose has been tested for three years in our benches; it stands head and shoulders above all other sorts of its color and will rank with American Beauty and the Killarneys in value and grandeur—because

It has a long, pointed bud, which can be cut tight for market. It is pre-eminently a long-stemmed rose. The stem is always stiff. It is free in bottom breaks. Is extraordinarily vigorous and healthy. Belongs in the class of **Big Roses.** Its keeping qualities rank with the best. Buds shipped from Richmond last December opened up perfectly in both Philadelphia and New York, where it scored 90 before the Florists' Club.

The color is orange-copper or golden orange and golden yellow, all intense shades, extremely brilliant in effect.

Come and see it growing; we have 8,000 of it benched.

Does splendidly out of doors; will rank high as a bedder. At the Chicago show, 1910, it was awarded the silver cup for the best new rose never before exhibited, and the judges unanimously gave it honorable mention additional. Has created a sensation wherever shown.

Raised by M. Pernet-Ducher, from whom we bought the American rights.

We have divided our stock with Mr. C. H. Totty, of Madison, N. J., to give eastern growers a chance to see it growing. Will be distributed March 1 in America by C. H. Totty and The E. G. Hill Co. Mr. Pernet will distribute same date in Europe.

The American price is $30.00 per 100; $250.00 per 1000 (own roots); $5.00 per 100 additional for grafts

THE E. G. HILL CO., Wholesale Florists, RICHMOND, IND.

ROOTED

Carnation Cuttings

QUALITY the first consideration. Only strong, well rooted cuttings from absolutely healthy plants will be shipped. An order now insures your receiving stock when wished for.

	Per 100	1000
White Wonder Early, free, large pure white, on long, stiff stems	$6.00	$50.00
Mrs. C. W. Ward Deep pink	3.00	25.00
Sangamo Deep pink	3.00	25.00
May Day Daybreak color	2.50	20.00
Winona Medium pink	2.50	20.00
Winsor Clear pink	2.50	20.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00

Orders will be filled strictly in rotation. Remittances or acceptable references should accompany the order. One-third the amount to be prepaid for cuttings ordered sent C. O. D.

Frank P. Putnam

Pleasant View Gardens, NO. TEWKSBURY, MASS.
P. O. Address, Box No. 12, Lowell, Mass.

Mention The Review when you write.

KILLARNEY

Double Killarney is the best pink rose for warm weather. Contracts made for cuttings, eyes or own root plants.

JOHN WELSH YOUNG, Upsal Sta. P. R. R., Philadelphia, Pa.

Mention The Review when you write.

Double White Killarney Reuter's Strain

The *Silver Medal* Rose among novelties at the National Flower Show in Boston. Order now and get early delivery.

Grafted ....$30.00 per 100; $250.00 per 1,000.
Own root... 25.00 per 100; 200.00 per 1,000.

LADY HILLINGDON

A grand flower and one of the easiest to grow.

Grafted ....$25.00 per 100; $200.00 per 1,000.
Own root... 20.00 per 100; 150.00 per 1,000.

ROSE QUEEN—DOUBLE PINK KILLARNEY

Grafted ....$20.00 per 100; $150.00 per 1,000.
Own root... 15.00 per 100; 100.00 per 1,000.

MRS. TAFT (Prince de Bulgarie)

Grafted....$18.00 per 100; $150.00 per 1,000.
Own root.. 8.00 per 100; 70.00 per 1,000.

MELODY

Own root...$12.00 per 100; $100.00 per 1,000.

MRS. AARON WARD

Grafted ....$20.00 per 100; $150.00 per 1,000.
Own root... 10.00 per 100; 90.00 per 1,000.

S. J. Reuter & Son, Inc., Westerly, R. I.

Mention The Review when you write

MELODY, own root, 2½-in. pots, 30c each; $2.50 per dozen; $12.00 per 100; $100.00 per 1000.

DOUBLE PINK KILLARNEY, own root, $2.50 per dozen; $12.00 per 100; $100.00 per 1000. Grafted, $3.00 per dozen; $20.00 per 100; $150.00 per 1000.

ROBERT SCOTT & SON,
SHARON HILL, Delaware Co., PA.

Always mention the Florists' Review when writing advertisers.

CARNATIONS

F. Dorner & Sons Co.
LA FAYETTE, IND.

Always mention the Florists' Review when writing advertisers.

The New Carnation, BROOKLYN

A Reincarnation of the Old William Scott, but embodying additional and more important qualities

THE NEW "HELEN" PINK A beautiful Deep Pink after the style of the old William Scott, lighter than Lawson, grand under artificial light. Highly built-up center, petals fringed, habit of growth all that could be desired. Very easy propagator, fastest growth of any Carnation. Flowers 3-in. and larger. **Preliminary scoring, New York Florists' Club, 86 points. "Certificate of Merit" Horticultural Society of New York. TO BE DISSEMINATED 1911-1912.**

ROOTED CUTTINGS, ready now, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate.

Charles Weber
GROWER
Lynbrook, Long Island, **New York**

R. G. WILSON
Fulton Street and Greene Avenue
BROOKLYN, N. Y.

CHAS. H. TOTTY
Madison, N. J.

DETROIT.

The Market.

At this writing it is impossible to state with any degree of correctness just how Christmas business in Detroit compared with previous years, still the writer feels safe in saying that on the whole business was far ahead of any preceding year. Christmas, falling as it did on a Monday, greatly facilitated matters for the retail florists. Buying on Sunday was comparatively light and thereby gave those in charge of the delivery end a chance to get nicely caught up. Many of the cut flower orders were also for Sunday delivery, thus relieving the Christmas morning shipping.

Violets, which sold so well Thanksgiving, were in poor demand. In plants, begonias did not sell. Never before were boxwood wreaths sold in such large numbers and holly wreaths also sold well. The weather was ideal for delivery, as the thermometer hardly got below the freezing point, but with not a flake of snow for weeks the Christmas aspect was somewhat lacking.

Christmas trees may still be seen by the hundreds on every available corner in the business districts; although no doubt the demand was as heavy as formerly, the supply was far greater than for several years.

Various Notes.

Autos played a most important part in the delivery end; in fact, some of the firms used no horses at all.

A. Miller, of Chicago, spent the holidays in Detroit, lending a helping hand at some of the stores.

The Michigan Cut Flower Exchange was fairly swamped with orders, but they nevertheless were able to fill all with their usual carefulness.

Just what the New Year has in store we do not know; chances are that New Year's trade will be lighter than usual, as there will be no parties New Year's eve.

A special meeting of the Detroit Florists' Club was held Thursday evening, December 28, to complete arrangements for the big January show and convention.

H. S.

La Grange, Ky.—The greenhouses of Koehnlein & Hoffman are now conducted by Mr. Koehnlein, while Mr. Hoffman has charge of the store at 2005 West Market street, Louisville, Ky., where the firm disposes of most of its stock.

ROOTED CARNATION CUTTINGS

	Per 100	Per 1000
Alma Ward, white	$4.00	$35.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
Winsor, pink	3.00	25 00
Pink Enchantress	3.00	25 00
C. W. Ward, deep pink	4.00	35.00
Beacon, red	3 00	25.00

We have the cleanest stock in the West. If you want the best, then send us your early orders. We grow **only** the best commercial varieties, and save you that big freight and express charge from the East. Come any time and see us—and the flowers we grow.

W. H. Sawvel Floral Co.
115 Clinton Place, Kansas City, Mo.

Mention The Review when you write.

Hydrangea Otaksa

For Easter and Decoration Day

6-inch, pot-grown, well branched and set with flower buds.

Otaksa, with 5 and 6 branches, at $20.00 per 100; 4 branches at $15.00 per 100. **Souvenir de Claire,** fine pink, same color as Gloire de Lorraine Begonia, same price; also 7-10 branches latter variety, $25.00 per 100.

Jackson & Perkins Company
Wholesale Florists and Nurserymen
Newark, Wayne Co., New York State

PLANTS AND ROOTED CUTTINGS

Daisies, Giant Marg., white and yellow, R. C., 1c; 2-in., 2c; 3-in., 3c.
Dracaena Indivisa, 2-in., strong, 1½c.
Asparagus Plum. Nanus, 2-in., 2c; 3-in., 4c.
Heliotropes, blue, R. C., ¾c; 2-in., 1½c; 3-in., 3c.
Primulas, Chinese Fringed mixed, and Obc. Grandif. mixed, fine strains, 2-in., need 3's, 1¾c.
Fuchsias, 5 kinds, R. C., 1¼c; 3-in., 3c.
Alternanthera, red and yellow, fall rooted, ½c.
Cash. This stock will please you; also the prices.

E. W. BYER, Prop. S. Floral Co., Shippensburg, Pa.

Pot-Grown Ferns

NEPHROLEPIS
Scottii, Whitmani, Bostoniensis, Piersoni
4-inch, 15c each; 5-inch, 25c each; 6-inch, 50c each; 7-inch, 75c each; 8-inch, $1.00 each.
Large plants ..... $1.50 to $3.00 each

ASPLENIUM NIDUS AVIS
(Bird's nest fern)
5-inch $0.75

CIBOTIUM SCHIEDEI
7-inch $2.00
9-inch 5.00
10-inch tub 7.50

PALMS
Areca Lutescens, 3-inch, 15c; 4-inch, 25c; 6-inch, $1.00; 9-inch, $5.00; 10-inch tub, $6.00.
Latania Borbonica, 4-inch, 20c; 5-inch, 30c.
Kentia Forsteriana—
4-inch pots ..... $25.00 and $35.00 per 100
5-inch pots ..... 50.00 and 75.00 per 100
6-inch pots ..... 1.00 each
7-inch pots ..... 2.50 each. Fine plants.
Kentia Forsteriana—
Combination ..... $3.00 to $15.00 each
Kentia Belmoreana—
3-inch pots ..... $18.00 per 100
4-inch pots ..... $25.00 and 35.00 per 100
5-inch pots ..... 50.00 and 75.00 per 100
Kentia Belmoreana—
Larger plants, ... from $2.50 to $10.00 each
Cocos Weddelliana, 2½-inch pots.. $15.00 per 100

FICUS PANDURATA
5-inch $0.75
6-inch 1.50
8-inch 3.00

FICUS ELASTICA
4-inch $0.25
5-inch ..... .35
6-inch ..... 50c and .75
7-inch ..... 75c and 1.00

DRACAENA MASSANGEANA
5-inch $1.00
6-inch 1.50
7-inch 2.50
8-inch 3.00

DRACAENA TERMINALIS
4-inch $0.35
5-inch ..... .50

DRACAENA LORD WOLSELEY
4-inch $0.35
5-inch ..... .75

PANDANUS VEITCHII
4-inch $0.50
5-inch ..... .75
6-inch 1.00
7-inch 1.50
8-inch 2.00

PANDANUS UTILIS
2½-inch $0.06

ASPIDISTRAS
Variegated, 5-inch, strong $1.25
Green, 6-inch, strong 1.00

ARAUCARIAS
Compacta, 5-inch $1.25
Compacta, 6-inch 1.75
Excelsa, 5-inch ..... .50
Excelsa, 6-inch ..... 75c and 1.00

CHINESE PRIMROSES
4-inch $0.10
5-inch ..... .20

PRIMULA OBCONICA
4-inch $0.10
5-inch ..... .25

ASPARAGUS SPRENGERI
2¼-inch ..... $3.00 per 100

ASPARAGUS PLUMOSUS
2¼-inch $0.04
3 -inch ..... .08

JOHN BADER CO.
1826 Rialto St., N. S., PITTSBURGH, PA.

REPLENISH YOUR STOCK

Look over this list and you'll probably find many items that your Christmas trade has completely cleaned out, but which you need for the regular winter demand. Our stock is in fine shape and ready for immediate shipment.

LET'S HAVE YOUR ORDER TODAY

WINTER FAVORITES

ARAUCARIAS.

We have a fine large stock of Araucaria Excelsa, the popular winter plant, in the following sizes:

Pots.	Each.	Doz.
6-in., 4 to 5 tiers	1.00	12.00
7-in., 4 to 5 tiers	1.50	18.00

CIBOTIUM SCHIEDEI.

7-in. .....each, $2.50; doz., $30.00
8-in. .....each, 3.00; doz., 36.00

CROTONS.

Pots.	Each.	Doz.	100
4-in.	$0.25	2.00	15.00
7-in., 4 in a pot	75c to 1.00	....	.....

RHODODENDRONS.

Christmas Cheer.....75c, $1.00, $1.25 each



WINTER FAVORITES

BOXWOODS AND PINES.

For filling window boxes and flower beds.

Boxwood bushes, 8 in. high, each	$ 0.25
Boxwood bushes, 12 in. high, each	.35
Boxwood bushes, 18 in. high, each	.50
Boxwood bushes, 24 in. high, each	1.00
Globe Boxwoods, 18 in. diameter, each	2.50
Obelisk Boxwoods, 5 ft. high, in beautiful Mission boxes, each	10.00

DRACAENA TERMINALIS.

4-in., strong.....each, 35c; doz., $4.00

PANDANUS VEITCHII.

4-in. .....each, $0.50; per doz., $ 5.50
5-in. .....each, .75; per doz., 9.00
6-in. .....each, 1.00; per doz., 12.00

Palms, Ferns, Stove and Bedding Plants

ACHYRANTHES, ROOTED CUTTINGS.

Metallica, Panache de Bailey, Lindenii, Warscewiczii .....$6.00 per 1000

ACHYRANTHES, 2-IN. POTS.

Metallica .....$2.00 per 100
Panache de Bailey..... 2.50 per 100
Lindenii ..... 2.00 per 100
Warscewiczii ..... 2.00 per 100

AGERATUMS.

Stella Gurney, 2-in.....$2.00 per 100
Princess Pauline, 2-in..... 2.00 per 100

ALTERNANTHERAS, ROOTED CUTTINGS.

Red and yellow.....$6.00 per 1000

ARECA LUTESCENS.

Pots.			
3-in., 3 in pot	doz., $2.00;	100,	$15.00
4-in., 3 in pot	doz., $3.00;	100,	$25.00
7-in, 4 to 5 in pot, 36-in. high	each,	$3.00	
8-in., 5 to 6 in pot, 60 to 64-in. high	each,	$5.00	

ASPIDISTRAS.

Green .....per leaf $0.08
Variegated .....per leaf .15

ASPARAGUS BASKETS.

$1.00, $1.50 and $2.00 each.

Pots. **ASPARAGUS PLUMOSUS.**	Doz.	100
2-in.	$0.40	$ 3.00
3-in.	.75	6.00
4-in.	1.50	12.00
6-in.	4.00	30.00

ASPARAGUS SCANDENS DEFLEXUS.

4-in. .....doz., $1.50

BOSTON FERNS.

Pots.	Each.	Doz.	100	1000
2-in.	$ 0.50	$ 3.00	$25.00	
3-in.	1.00	8.00	.....	
4-in.	1.50	12.00	.....	
5-in.	3.00	20.00	.....	
6-in.	6.00	45.00	.....	
7-in.	$0.75	9.00	.....	.....
8-in.	1.00	12.00	.....	.....
9-in.	1.50	18.00	.....	.....

	Each.		Each
10-in.	$2.50	12-in.	$3.50 to $5.00

BOSTON FERN BASKETS.

$1.00, $1.50 and $2.00 each.

ASSORTED FERNS FOR DISHES.

2-in., 40c per doz.; $3.00 per 100; $25.00 per 1000.

COCOS WEDDELLIANA.

2-in. .....doz., $1.75; 100, $14.00
3-in. .....doz., 2.50; 100, 20.00

COLEUS, ROOTED CUTTINGS.

Pfister, red and yellow; Beckwith's Gem, Golden Bedder, Verschaffeltii....$6.00 per 1000

COLEUS, 2-IN. POTS.

Pfister, red and yellow; Beckwith's Gem, Golden Bedder, Verschaffeltii....$2.00 per 100

CYPERUS ALTERNIFOLIUS.

3-in. .....$0.75 doz.; $ 5.00 100
4-in. ..... 1.50 doz.; 10.00 100

DAISIES.

Marguerites, Yellow.

Rooted cuttings.....$6.00 per 1000
2-in. .....$2.00 per 100

DRACAENA INDIVISA.

2-in. .....per 100, $3.00; per 1000, $25.00
3-in. .....doz., 75c; per 100, 6.00
7-in. .....each, $1.25; doz., 15.00

DRACAENA MASSANGEANA.

6-in. .....each, $1.25
7-in. .....each, 1.50

FICUS ELASTICA.

6-in. .....each, 50c; doz., $6.00

FICUS REPENS (vine).

2½-in. .....each, $0.50

KENTIA BELMOREANA.

Pots.	Height.	Leaves.	Each.	Doz.	100
2-in.	8-in.	4	.....	$ 1.50	$12.00
3-in.	8 to 10-in.	4 to 5	.....	2.00	15.00
4-in.	12-in.	4	.....	3.60	30.00
4-in.	12 to 15-in.	4 to 5	.....	4.50	35.00
5-in.	15 to 18-in.	5 to 6	.....	6.00	50.00
5-in.	18 to 20-in.	5 to 6	$ 0.75	9.00	.....
6-in.	20 to 22-in.	6 to 7	1.00	12.00	.....
6-in.	22 to 24-in.	6 to 7	1.50	18.00	.....
7-in.	28 to 30-in.	6 to 7	2.50	30.00	.....
7-in.	36 to 40-in.	6 to 7	4.50	.....	.....
8-in.	40 to 45-in.	7 to 8	5.50	.....	.....
9-in.	48 to 50-in.	7 to 8	8.00	.....	.....
9-in.	50 to 54-in.	7 to 8	10.00	.....	.....

KENTIA FORSTERIANA.

Pots.	Height.	Leaves.	Each.	Doz.	100
2-in.	8 to 10-in.	4	.....	$ 1.50	$12.00
3-in.	12 to 14-in.	4 to 5	.....	2.00	15.00
4-in.	14 to 16-in.	4 to 5	.....	4.50	35.00
5-in.	20 to 24-in.	5 to 6	$ 0.75	9.00	.....
6-in.	24 to 30-in.	5 to 6	1.00	12.00	.....
6-in.	30 to 36-in.	5 to 6	1.50	.....	.....
7-in.	36 to 38-in.	5 to 6	2.50	.....	.....
7-in.	38 to 40-in.	5 to 6	3.50	.....	.....
8-in.	40 to 42-in.	5 to 6	4.50	.....	.....
9-in.	46 to 50-in.	6 to 7	7.00	.....	.....

Made-up Plants.

Pots.	Height.	Plants in pot.	Each.
7-in.	24 to 30-in.	3 to 4	$ 2.50
9-in.	50 to 54-in.	3 to 5	8.00
10-in.	58 to 60-in.	4 to 5	10.00
12-in.	62 to 70-in.	4 to 5	15.00

GNAPHALIUM LANATUM.

2-in. .....$2.00 per 100

HELIOTROPES.

2-in. .....$2.00 per 100
3-in. ..... 4.00 per 100

LANTANA DELICATISSIMA.

2-in. .....$2.00 per 100

LATANIA BORBONICA.

2-in., 1 to 2 leaves	100,	$3.00;	1000,	$25.00
4-in.	doz.,	3.00;	100,	20.00
5-in.	doz.,	5.00;	100,	40.00
6-in.	doz.,	6.00		

LOBELIA KATHLEEN MALLARD.

Rooted cuttings.....$6.00 per 1000
2-in. .....$3.00 per 100; $25.00 per 1000

PANDANUS UTILIS.

3-in. .....per doz., $1.50

PHOENIX CANARIENSIS.

7-in. 36 to 40-in. high	each,	$ 2.50
8-in. 46 to 50-in. high	each,	4.00
10-in. 50 to 54-in. high	each,	8.00
10-in. 60 to 64-in. high	each,	10.00

PHOENIX RECLINATA.

4-in.	each, $0.25;	doz., $3.00;	100,	$20.00
5-in.	each, .50;	doz., 5.00;	100,	40.00
6-in.	each, .75;	doz., 9.00		

PHOENIX ROEBELENII.

Pots.	Each.	Doz.	100
2½-in.	$ 2.00	$15.00	
3-in.	3.00	22.50	
5-in.	9.00	70.00	
6-in.	12.00	.....	
6-in., strong	$2.00	18.00	.....
7-in.	2.50	.....	.....

ENGLISH IVY.

3-in. .....doz., $ 0.75
4-in. .....doz., $2.50; 100, 20.00

GERMAN IVY.

2-in. .....$2.00 per 100

SALVIAS.

Rooted Cuttings.

Bonfire, Zurich.....$6.00 per 1000

2-In. Pots.

Bonfire, Zurich.....$2.00 per 100

TRADESCANTIA VARIEGATA.

(Wandering Jew.)

2-in. .....doz., 40c; per 100, $3.00

VINCAS.

4-in. .....per doz., $2.00; per 100, $15.00

THE EDGEBROOK GREENHOUSES AND NURSERIES OF THE GEO. WITTBOLD CO., EDGEBROOK, CHICAGO, ILL.



HIGHEST RATING WHEREVER EXHIBITED

Certificate of Merit, American Carnation Society.
Bronze Medal, National Flower Show, Boston, March, 1911.

RAINBOW

—A—

GLORIFIED PROSPERITY

THE CARNATION GROWERS' OPPORTUNITY



QUALITY. **MERIT.**

For free blooming, upright, ideal habit and real commercial value, **RAINBOW** cannot be beaten. It is easily propagated; it is a cool grower; the calyx is strong and non-splitting; the flower is large and of perfect form. **RAINBOW** is a money maker and sells on sight. It is a grand commercial sort—more flowers, higher prices; its beautiful color combination makes it an attractive, superior display bloom. **RAINBOW** is suitable for every purpose. Read our advertisements in this paper. They are full of facts. A trial of **RAINBOW** will convince. Our cuttings are strong and robust. They are clean and well rooted. They are guaranteed. We can deliver half a million.

ORDER TODAY and take them when you are ready for them, **$12.00** per 100; **$100.00** per 1000. 250 at 1000 rate. Liberal discount on large orders. **Cash with order or good reference.**

Wanoka Greenhouses, Barneveld, N. Y.

Mention The Review when you write.

PITTSBURGH, PA.

The Market.

The week before Christmas was the worst that ever happened as far as weather conditions were concerned. It was dark and rainy almost every day except Saturday, which kept back trade until the last minute, but from such reports as have come in I believe the retail trade was up to former years with every one, and much better with a few. Plants were the principal feature until Saturday and they really never had finer or more beautiful ones to offer. Each year the plantsmen seem to grow better plants and make more beautiful arrangements and there has been a continued effort put forth to make them take the place of cut flowers, but while there are more plants sold early in the week, when it comes right down to the last day nothing but flowers will fill the bill.

The wholesale houses report a good Christmas and say that though business was late in coming in, the result was up to their best expectations, especially on such stock as could be sold at reasonable prices, and there were no exceptionally high prices asked for anything. Stock in general cleaned up nicely except for quite a lot of Paper White narcissi and poor violets.

The green goods men cleaned up nicely, but most of their stock sold at low prices.

The growers had a hard time of it with only part of one day's sunshine in three weeks and raining most of the time, which had a bad effect on Pink Killarney, taking most of the color out of it and shortening up the cut to a great extent. However, they had a good cut, everything considered.

Hoo-Hoo.

Milford, Mass.—W. D. Howard, of the Morningside Greenhouses, has built a garage at the rear of his home, on South Main street, to accommodate his two automobiles.

Holyoke, Mass.—Gallivan Bros. are planning the erection of two more greenhouses, each 35x200, on their land at Smith's Ferry in the spring. One of the houses will be used for chrysanthemums. The firm already has greenhouses both at Smith's Ferry and South Hadley Center.

SHE IS A DAISY

Mrs. F. Sander **Dreer's New Double**

Prepare **NOW** for **EASTER.** Not all come double (as Dreer said), so I have made price to suit. Fine plants, $2.50 per 100; $20.00 per 1000. Packed right.

Also have as fine **ASPARAGUS PLUMOSUS** as you ever saw, in 2¼-inch pots. Will prove it for $2.00 per 100. 100 of each of above, $4.00.

THE MAPLES, Where Plants Grow, **Garrettsville, Ohio**

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Chrysanthemums and Asters

ELMER D. SMITH & CO., ADRIAN, MICH.

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Cyclamen Cyclamen

Fine, in bud and bloom.
5-inch, 50c; 6-inch, 75c; 7-inch, $1.00

FERNS

Whitmani, Boston, Scholzeli,
5-inch.....25c 6-inch 40c
Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

FERNS---ROSES ....BEGONIAS....

Amerpohlii, Barrowsii, Scottii, Elegantissima, Boston, Jacksoni, Piersoni, Sword, Whitmani, 2½-in. pots, $4.00 per 100; 4-in., $15.00 per 100.

Rex Begonias, assorted varieties, 3-in. pot plants, $5.00 per 100; $45.00 per 1000.

Roses our specialty. **Ask for quotations.**

The Dingee & Conard Co., West Grove, Penna.

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Asparagus Plumosus, 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Asparagus Sprengeri, 2-in. pots, $2.00 per 100; 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Smilax, 3-in. $4.00 per 100.

Ferns, Boston, Whitmani, Scottii and Scholzeli, 4-in. pots, $2.00 per doz.; 5 in., $3.00 per doz.

Dracaena Indivisa, 3-in. pots, $4.00 per 100.

Daisies, white, Paris, Giant, 2½-in. pots, $3.00 per 100.

Clematis Paniculata, strong plants, 2-yr.-old, $10.00 per 100; 1-yr.-old plants, $5.00 per 100.

Hardy English Ivy, 4-in. pots, $10 00 per 100; 3-in. pots, $5.00 per 100.

C. EISELE

11th & Westmoreland Sts., Philadelphia, Pa.

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SNAPDRAGONS

Wheeler's Light Pink, early and free; **Wheeler's Deep Pink,** from 1¾-in. pots, $4.00 per 100.

Wheeler's Yellow, from 1¾-in. pots, $3.00 per 100.

JAMES WHEELER, Florist
NATICK, MASS.

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Some Good Stock!

Carefully packed, at bargain prices, with enough extras added to nearly pay express charges for early orders. Everything in abundance. Correspondence solicited.

CHINESE PRIMROSES, extra large, 4-in., double and single, in bud and bloom, fancy colors, mixed, $8.00 100.

PRIMULA OBCONICA, 4-in., fancy, mixed, in bud and bloom, $5.00 per 100.

ASPARAGUS SPRENGERI, large 4-in. plants, $6.00 100; good 2½-in., $2.50 100.

ARAUCARIA EXCELSA, extra fine plants, 75c each.

AZALEAS, large plants, 75c each.

SMILAX, fine 2½-in. stock, $2.00 100.

CYCLAMEN, extra fine 3-in. plants, 6 colors, in bud and bloom, $8.00 100.

FERNS, BOSTON, SCOTTII and ELEGANTISSIMA, from pots, 10c, 15c and 20c each, according to size.

JERUSALEM CHERRIES, 2½-in., $2.50 100.

SNAPDRAGONS, white, pink and yellow; fine 3-in. plants, $5.00 100, $45.00 1000.

CINERARIAS, extra large 3½-in. healthy plants, of fancy kinds, $5.00 100; 2½-in., $3.00 100.

MARGUERITES, white and yellow, large 2½-in. plants, $2.25 100; $20.00 1000.

HELIOTROPES, light blue, dark blue and white; large 2½-in., $2.50 100; $22.50 1000.

75,000 2½-in. GERANIUMS now ready. **BEAUTE POITEVINE, RICARD, GRANT, S. A. NUTT, BUCHNER, MONTMORE, PERKINS, MME. ROSELEUR**, etc.; large plants, true to name, $2.50 100; $22.50 1000. A bargain; try them.

SOMETHING NEW
Climbing Crimson Baby Rambler Rose Bushes

Very branchy, over 3½ feet tall, just right for spring forcing. For immediate or later shipments, 65c each; $6.00 per dozen.

Pure Greenhouse Fertilizer will make your plants and carnations grow and bloom. $2.50 per bag.

ALONZO J. BRYAN
WHOLESALE FLORIST
Washington, New Jersey

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Rooted Cuttings

Begonias, flowering kinds, $1.75 per 100.
Verbenas, 70c per 100; $6.00 per 1000.
Pelargoniums, $2.50 per 100.
Ageratums, 60c per 100; $5 00 per 1000.
Daisies and **Salvias**, $1 per 100; $8 per 1000.
Petunias, $1 25 per 100; $10.00 per 1000.
Coleus, 70c per 100; $6.00 per 1000.

All good varieties and named.
Express paid on all rooted cuttings.
Cash with order.

S. D. BRANT, Clay Center, Kan.

Mention The Review when you write.

FERNS AND ASPARAGUS

Nephrolepis Whitmani, Scottii and **Bostoniensis**, 6-in. pots, 35c each; 7-in., 75c each.
Asparagus Plumosus, 3-in., $5.00 per 100.
Cash with order.

ASCHMANN BROS.
Second and Bristol Sts., PHILADELPHIA

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GROWER OF
PALMS, ETC.
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FOR SPECIALS

AGERATUM STELLA GURNEY	2½	inches	$ 2.00 per 100
AGERATUM STELLA GURNEY	3½	inches	3.00 per 100
ASPARAGUS PLUMOSUS	2½	inches	3.00 per 100
ASPARAGUS PLUMOSUS	3½	inches	7.00 per 100
ASPARAGUS SPRENGERI	2½	inches	2.50 per 100
ASPARAGUS SPRENGERI	3½	inches	5.00 per 100
BOSTON FERNS	2½	inches	3.00 per 100
BOSTON FERNS	3½	inches	8.00 per 100
BOSTON FERNS	4	inches	12.00 per 100
BOSTON FERNS	5	inches	18.00 per 100
CYCLAMEN GIGANTEUM	2½	inches	4.00 per 100
CYCLAMEN GIGANTEUM	3½	inches	7.50 per 100
CYCLAMEN GIGANTEUM	4	inches	10.00 per 100
GERANIUMS (assorted)	2½	inches	2.00 per 100
GERANIUMS (assorted)	3½	inches	3.50 per 100
GERANIUMS (assorted)	4	inches	4.50 per 100
GERANIUMS (assorted)	5	inches	7.00 per 100
MUM STOCK OF PRIZE WINNERS			3.00 per 100
ICE OR PICKLE PLANT	2½	inches	2.00 per 100
ICE OR PICKLE PLANT	3½	inches	3.00 per 100
SMILAX	2½	inches	2.00 per 100
SMILAX	3½	inches	3.00 per 100
MT. OF SNOW	2½	inches	2.00 per 100
MT. OF SNOW	3½	inches	3.00 per 100
TEA ROSES AND B. RAMBLERS	2½	inches	3.00 per 100
TEA ROSES AND B. RAMBLERS	3½	inches	5.00 per 100
UMBRELLA PLANTS	3½	inches	6.00 per 100
UMBRELLA PLANTS	4	inches	10.00 per 100

50,000 Carnations (cuttings), all varieties.
100,000 Geraniums, the finest in the land.

We grow your stock especially for you and deliver when wanted. Let us book you.

Our Carnations are of the best varieties and will give cuttings or sand rootings.

We are making a specialty of sixty-three varieties of bedding stock and will quote you prices that will astonish you. Write us your wants. Five per cent discount for January delivery to make room.

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DECORATIVE PLANTS

SPECIALTIES: Palms, Ferns, Araucarias, Cycas, Pandanus, Lilies.
DREYERII FERN. $25 per 100; $200 per 1000.

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Rutland Road and E. 45th St.,
BROOKLYN, N. Y.
Palms, Ferns and Decorative Plants

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Julius Roehrs Co.
RUTHERFORD, N. J.
Palms, Plants, Orchids, Etc.
Send for Price List.

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ROCHESTER.

The Market.

Christmas trade was exceptionally good this year, and the public began to shop early, selecting plants and leaving orders for cut flowers a week in advance. The weather during the week was mild, but this did not serve to bring down prices at all. Flowers and plants were quite the thing as gifts this year and all the florists were kept busy.

There were no chrysanthemums for the holidays and roses were held at a stiff price. Beauties brought as high as $20 per dozen. Killarneys touched $5 and Richmonds went up to $4. White Killarneys were excellent, but Wards were somewhat scarce. Tafts were few, but the quality was good. Red Killarney was a great favorite during the last week. Lady Hillingdon was fairly good, but yellow roses were thrust aside by the Christmas trade.

Carnations were par excellence, bringing from $1 to $2 per dozen. Cattleyas were in great demand and so were cypripediums. Violets were sold in great quantities at $3 per hundred. Plants and fancy baskets were sold in great numbers, and a fancy dress ball, various receptions and dinners made the Christmas week a busy one.

Various Notes.

The Lamberton memorial greenhouse at Highland park, which has been closed for three weeks for the rearrangement of flowers, was reopened Christmas day with a beautiful display of seasonable blooms. Christmas flowers have a prominent place in the display, including the big red poinsettia, which has come into universal favor in recent years, and the ardisias, with their bright red fruit. Besides these, there is a large collection of camellias, including white, red and pink varieties. Other plants that are in flower are cyclamen, cinerarias, Chinese primroses in many varieties, begonias, bouvardias, strobilanthes, lilies, marguerites, orchids and oranges with flowers and fruit. E. C. A.

Lowville, N. Y.—F. B. Pfister recently completed a new iron-frame greenhouse, 28x100, for roses. He says prospects are bright for a good winter's business.

1912! 1912! 1912!

VERBENAS

OUR SELECTION

Rooted Cuttings..... $0.75 per 100; $6.00 per 1000
Strong Plants, 2¼-inch pots ..... 2.50 per 100; 20.00 per 1000

PURCHASER'S SELECTION

Rooted Cuttings.....$0.90 per 100; $8.00 per 1000
Strong Plants, 2¼-inch pots..... 3.00 per 100; 25.00 per 1000

NEW VARIETIES

Lady Ellen, Columbia, Mrs. Taft

Rooted Cuttings.....$1.00 per 100; $9.00 per 1000
Strong Plants, 2¼-inch pots.....$4 00 per 100

J. L. DILLON, Bloomsburg, Pa.

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Mum Stock Plants

Monrovia, Halliday, Pacific Supreme, Balfour, Ivory, Winter Cheer, Charles Razer, Bonnaffon Nagoya, Pompons, Quinola, Alma, Clarinda, $1.00 per dozen; $5.00 per 100.

COLLINGDALE GREENHOUSES

COLLINGDALE, PENNSYLVANIA

Geraniums

We have a splendid assortment of standard varieties and novelties ready for immediate shipment, from 2-inch pots, at prices from $2.00 per 100, $18.50 per 1000, up to 50c each.

If you haven't our catalogue, send for it.

SPECIAL OFFER:

For Cash; we will send 1000, 50 each of 20 varieties, our selection, all good kinds, will include some Ivy-Leaved if desired, for **$18.50;** 6000 for **$105.00.**

	2-inch Per 100	3-inch Per 100
Scented Geraniums, Rose, Nutmeg, Lemon, etc.....	$2.00	$3.00
Silver-Leaf S. A. Nutt, Mountain of Snow, Mrs. Pollock,	3.00	4.00
Ivy Leaved, Rycroft's Surprise, Mrs. Banks, etc.....	2.00	3.00
Lobelia Kathleen Mallard.....	2.00	
Hardy English Ivy, strong stock.....		3.00
Double Petunias, mixed colors and white.....	2.00	3.00
Verbena, red, white, blue, pink and variegated.....	2.00	3.00
Lemon Verbena (Aloysia Citriodora).....	2.00	3.00
Swainsona Alba.....	2.00	3.00
Tradescantia Zebrina Multicolor.....	3.00	
Coleus, 10 varieties, Verschaffeltii, Golden Bedder, etc....	2.00	3.00
Salvias, Bonfire, Zurich, propagated from cuttings.....	2.00	3.00

R. Vincent, Jr., & Sons Co., White Marsh, Md.

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STOCK ALWAYS NEEDED

Small Ferns for dishes—Pteris Mayii, Serrulata Cristata Variegata, Wimsetti, Cretica Albo-Lineata, $3.00 per 100, $25.00 per 1000.

Aspidium Tsussimense and Cyrtomium Falcatum, $3.50 per 100, $30.00 per 1000.

Asparagus Plumosus, 2½-in., $3.00 per 100, $25.00 per 1000.

Asparagus Sprengeri, 2½-in., $2.50 per 100, $22.00 per 1000.

Pandanus Utilis, 3-in., $10.00 per 100; 4-in., $20.00 per 100.

Cocos Weddelliana, 2½-in., $10.00 per 100.

Kentia Belmoreana and Forsteriana—Made-up and single plants, all sizes. Special value in made-up Forsteriana, 4 plants in 8-in. tubs, 40 to 44 in. high, $4.00 each; 8-in. tubs, 44 to 48 in. high, $5.00 each (very bushy).

Forcing Spiraea Clumps, extra quality. No better proposition for Easter or Memorial day.

Floribunda, $5.00 per 100; $45.00 per 1000.
Gladstone, $10.00 per 100; $90.00 per 1000.
Superba, $6.00 per 100.
Queen Alexandra, $12.00 per 100.
Blondine, $6.00 per 100.
Japonica, $4.00 per 100.

Genista Racemosa—6-in. pot plants, $25.00 per 100; very heavy 4-in. pot plants, at $15.00 per 100.

Hydrangea Otaksa—Fine pot grown plants, 5-in. pots, 2 to 3 flower shoots, $20.00 per 100.

BEDDING STOCK.

You will want to start soon.

Heliotropes. Czar, Czarina, Jersey Beauty, etc., $2.50 per 100; Centifleur (giant), $3.50 per 100.

Lantanas, 8 fine varieties, $3.00 per 100.

Coleus—Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.

Moonflower—Buy now to propagate from, $3.00 per 100.

Geraniums—Standard market sorts, established plants, $3.00 per 100, $25.00 per 1000.

Flowering Begonias, good assortment, $3.00 per 100.

Croton Aurea Maculata—3-in. pot plants, $8.00 per 100.

English Ivy—Strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.

Violet—Hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000.

THE STORRS & HARRISON CO.,

Painesville, Ohio.

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"Craig Quality Stock"

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ROBERT CRAIG CO.

4900 Market Street
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DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

DAVID HERBERT & SON

ATCO, N. J.

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LEADER IN ARAUCARIAS, FERNS, AZALEAS, PALMS, ETC.



Lead You Into Wealth

Cheap, Good, Reliable. Don't be deceived—be on the lookout! Buy only from the man who is well known to be in a position to give you **Good Bargains and Good Stock. Can handle largest order on short notice.**

AZALEA INDICA FOR EASTER. Mme. Van der Cruyssen, Simon Mardner, Niobe, Prof. Wolters, Empress of India, Vervaeneana, De Schryveriana, Pharailde Mathilde, Anna Guchel, best white, and a few more best Easter varieties, 50c, 75c, $1.00, $1.25, $1.50 to $2.00.

Just Arrived with the azaleas a fine consignment of **Latania Borbonica,** in first-class condition. **Perfect foliage,** 8 good leaves—height given in consular invoice, 35 to 40 inches, fit for 7 and 8-in. pots, $1.50 to $2.00. **Combination Latania Borbonica** (3 plants), 6-in. pots, 25 to 30 in. high, forming a bush of about 14 leaves, which give them an attractive appearance, $1.00 to $1.25. Nobody else has any, but we have them.

Kentia Forsteriana, in fine shape, 5½ to 6-in. pots, 4, 5 and 6-year-old, 30, 35, 40 and 45 inches high, 75c, $1.00, $1.25, $1.50, $2.00 to $2.50; 4-in., 30c.

Kentia Belmoreana, 5, 6 to 7-year-old, 5, 5½, 6 to 7-in. pots, 50c, 75c, $1.00, $1.25, $1.50 to $2.00 each; 4-in., 25c.

Kentia Belmoreana, which came on the same steamer as azaleas, are potted off combination plants (made up with 3 plants), 22 to 25 inches high, having 12, 13 to 15 leaves to a pot (in 6-in. pots), 50c, 60c, 75c to $1.00, according to height; still larger sizes, $1.00, $1.25 to $1.50; single plants, 5 leaves, 22 to 25 in. high, stocky 5¼ to 5½-in. pots, only 50c, worth 75c.

Cocos Weddelliana, made up of 3 plants, 4 to 5-in. pots, 30c, 40c to 50c; 3-in., single, 15c; 4-in., single, 25c.

Areca Lutescens, 4-in., made up of 3 plants, suitable for fern dishes, 16, 18, 20 to 25 in. high, 20c to 25c; 5¼-in. pots, 24-in., 35c.

Begonia Erfordii, our newest improved strain, pink and bright red flowers. This variety is always in bloom during the whole winter, Xmas and Easter, 4-in. pots, in bud or bloom, 20c; 5¼-in., 25c to 30c.

Hydrangea Otaksa, pot-grown, 6-in., 25c, 35c to 40c; 7-in., 50c. Only pot-grown, will force successfully for Easter.

Primula Chinensis, John Rupp's best strain, 4-in., 10c; 5-in., 20c.

Shasta Daisies, pure white, 2½-in. pots, $3.00 per 100; seedlings, $1.00 100.

ARAUCARIA EXCELSA

We are well prepared for the Araucaria orders and are the leaders, as we have always been for the last 25 years. 6000 can be seen in our greenhouses, all sizes and prices. 5½-in., 3-year-old, 15 to 20 in. high, 3 to 4 tiers, only 50c; 6-in., 4-year-old, 20, 22, 25 to 30 in. and over in height, 4, 5 and 6 tiers, 60c, 75c, $1.00 to $1.25; specimen plants, 7-in., 30, 35 to 40 in. high, 5 to 6-year-old, 6, 7 to 8 tiers, green from bottom up,



at a bargain price seldom offered; just look, only $1.50 to $2.00. Worth double. Will you let such a bargain pass unnoticed?

We also have the stock—the best obtainable in Belgium—of **Araucaria Robusta Compacta** and **Excelsa Glauca;** short, bushy jewels—none better in the world. 6-in. pots, $1.00, $1.25 and $1.50.

Cyclamen Grandiflorum, 4-in. pots, 25c; 5¼-in., 35c.

Cineraria Hybrida, Aschmann's well-known strain, 2½-in. pots, $3.00 per 100; 3-in., $5.00.

POINSETTIAS.

THE TOWN'S TALK.

Did you see those large 12-in. pans, made up of 3 large, 20 to 25-in. high poinsettias, trimmed with large Whitmani, Scottii and Giatrasii ferns, areca palms, Asparagus plumosus and Sprengeri, cocos palms, etc., in Mr. McGinty's show window? "They came from Godfrey Aschmann's greenhouses; we paid only $2.50 each for them and sell them at a ten dollar bill." "Oh, I bought one not quite as big as yours, for which I paid Aschmann only $2.00," explained Mr. Miller; "I let it go for eight dollars. I thought that was a fair profit."

LEADER IN FERNS.

Pot-Grown—Not From Bench.

Scottii, Scholzeli, Whitmani and Boston. Six houses stocked with them; 10,000 in all sizes and varieties now ready, never before better than this year; 5, 5½ in., 25c, 35c; 6 in., only 50c, 75c to $1.00. **Scottii, Whitmani, Scholzeli,** 4-in., 15c to 20c; fine to grow on. **Giatrasii,** 4-in., 20c; 5-in., 25c and 30c. **Boston, Whitmani, and Scholzeli,** 7-in. pots, as large as a bushel basket, 75c to $1.00. Our ferns are all pot-grown—not lifted from benches.

Ferns. Cordata Compacta, 4-in., 15c to 20c.

Ferns for dishes, big assortment, 2½-in. pots, $4.00 per 100; 3-in., $5.00 per 100.

Wilsoni Ferns, 3 plants in a 6-inch pan, very bushy, 25c to 35c per pan.

Asparagus Plumosus, 2½-in., 3c; 3-in., 5c; 4-in., 10c and 15c.

Asparagus Sprengeri, large, 4-in. pots, 15c; medium, 4-in., 10c; 2½-in., $3.00 per 100.

Adiantum Hybridum, the new improved beautiful maidenhair fern. Large 4-in., 15c; medium 4-in., 10c; large 3-in., 8c.

Ficus Elastica (Rubber Plant), 5¼-in., 25c; 5½ to 6-in., 20, 25 to 30-in. high, 35c, 40c, 50c; 7-in., all staked up, 35 to 40 in. high, 75c to $1.00. We have the finest rubbers in the country.

All plants 25 at 100 rate. Cash with order, please. All plants must travel at risk of purchaser only.

GODFREY ASCHMANN, 1012 W. Ontario St., PHILADELPHIA, PA.

WHOLESALE GROWER, IMPORTER AND SHIPPER OF POT PLANTS

Ferns, Cyclamen, Hydrangeas

Remember us for Ferns in variety. We have an excellent lot of **Boston Ferns, Plumosus** and the new **Roosevelt.**

We are now ready to ship excellent **Cyclamen Seedlings** in 6 varieties, separately labeled, at $1.50 per 100; $12 50 per 1000. Very good imported strain.

We also solicit your orders for **Hydrangeas** for forcing, at 15c and 25c.

Yours for fairness.

D. U. Augspurger & Sons Co.

PEORIA, ILL.

SMITH'S ADVANCE

The Earliest Large-flowered

WHITE CHRYSANTHEMUM

We offer young stock from one of the most celebrated growers, 2-in. pots, **$1.25** per dozen, **$10.00** per 100.

Stock grown to your order.

A. L. RANDALL CO.

66 E. Randolph St., CHICAGO, ILL.

MILLER'S GIANT OBCONICAS

are the best selling plants on the market when in bloom. Flowers average larger than silver dollars, with long stems, on a well-grown plant. They are a sure money-maker for you. Extra strong, 3-in. stock, $5.00 per 100.

Cyclamen Giganteum, in bud, 4-in., $10.00 per 100; 3-in., $5.00 per 100.

Cinerarias, the largest flowering grown, strong 3-in., $3.50 per 100.

Asparagus Plumosus, large 3-in., $4.00 per 100; 2-in., $2.50 per 100. **Asparagus Sprengeri,** 2-in., $2.00 per 100.

Chinese Primrose, extra fine large flowering, 3-in., $4.00 per 100. **Rewensis Primrose,** sweet-scented, for cut flowers and pot plants, 3-in., $4.00 per 100.

These are all well-grown plants and will please you. Cash, please.

J. W. MILLER, Shiremanstown, Pa.

EVANSVILLE, IND.

The Market.

From all reports, the business done this Christmas was greater than in any previous year. The weather was fair and warm and it seemed more like Easter than Christmas. The day was ideal for delivering, as no plants had to be wrapped. The demand for roses and carnations was far greater than the supply. Potted plants were in demand and everything went.

Roses sold up to $3 per dozen and carnations up to $1.50 per dozen. Violets sold well and were in good supply. An especially noted fact was that magnolia and boxwood wreaths with bunches of immortelles were in far greater demand for cemetery work, as were the ready made designs of prepared flowers. Immense quantities of holly were used and this was well berried and of good quality this year.

Various Notes.

Julius Niednagel & Sons did more business than at any previous Christmas. They cleaned out on roses, carnations, violets and flowering plants and could have sold more. They cut about 4,000 roses, 2,500 carnations and 3,000 violets. C. L. Niednagel says it seemed that they made more magnolia and boxwood wreaths than in all other years combined. The full force was kept busy early in the week making them up.

J. C. Elsperman had a much larger business than at any other Christmas.

Royston & Fenton could have sold many more roses if they had been able to get them. Mrs. E. L. Fenton and Edgar, Jr., left December 24 for a week's visit in Cincinnati.

The Wm. Blackman Floral Co. enjoyed an immense business and from Thursday till Monday worked night and day. They did not cut enough roses or carnations and bought heavily of these. They had lots of stevia, sweet peas, violets, etc., for which there was a big demand. Geo. Blackman says that they had a great call for magnolia wreaths, also boxwood. The assortment of plants was extra good.

Ben Kramer says that business was extra good and he sold out of everything.

Louis Fritsch was decidedly busy. He had a nice cut of carnations and bought several hundred roses. He had a good assortment of pot plants and enjoyed a good demand for them.

Nellie Goodge did not have enough stock to supply the demand.

Henry Seymour sold all that he had on hand. E. L. F.

Heacock's Palms and Ferns

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	Plants	Height	Each
7-in. pot	3 in pot	36 in.	$2.00
8-in. pot	3 in pot	42 in.	3.00
9-in. cedar tub	Several in tub	48 to 54 in.	5.00
9-in. cedar tub	Several in tub	5 ft.	7.50

Kentia Belmoreana

	Leaves	Height	Each	Doz.
2½-in. pot	4	8 to 10 in.		$ 1.50
3-in. pot	5	12 in.		2.00
5-in. pot	6 to 7	18 in.	$0.50	6.00
6-in. pot	6 to 7	24 in.	1.00	12.00
7-in. cedar tub	6 to 7	34 to 36 in.	2.50	30.00
7-in. cedar tub	6 to 7	36 to 38 in.	3.00	36.00
9-in. cedar tub	6 to 7	40 to 45 in.	4.00	48.00
9 in. cedar tub	6 to 7	42 to 48 in.	5.00	
9-in. cedar tub	6 to 7	48 to 54 in.	6.00	

Cocos Weddelliana

		Per 100
2½-in. pot,	8 to 10 in. high	$10.00

Made-up Kentia Forsteriana

	Height	Each	Doz.
7-in. cedar tub, 4 plants	16 in	$2.50	$30.00
7-in. cedar tub, 4 plants	36 to 40 in.	3.00	36.00
9-in. cedar tub, 4 plants	40 to 42 in.	4.00	48.00
9-in. cedar tub, 4 plants	42 to 48 in.	5.00	60.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
6-in. pot, 18 to 20-in. spread	1.50
7-in. cedar tub, 18 in. high, 24-in. spread	2.00

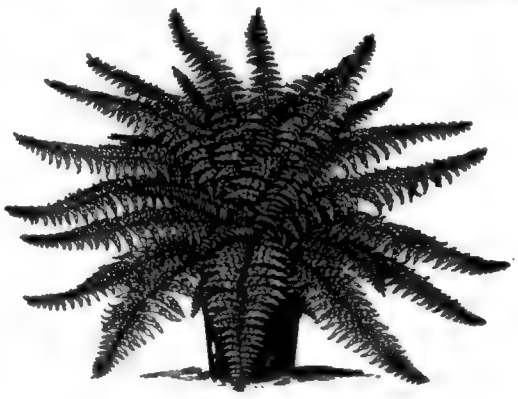
Cibotium Schiedei

9-in. cedar tub, 4-ft. spread	4.00
9-in. cedar tub, 5-ft. spread	5.00
9-in. cedar tub, 5 to 6-ft. spread	6.00

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	2½-in. 100	4-in. 100	5-in. 100	6-in. 100
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Whitmani	3.50	12.00	25.00	40.00
Todeaoides	3.50	12.00	25.00	40.00
Scottii			25.00	40.00

Asparagus Plumosus, 2-in., $2.00 per 100; $18.00 per 1000; 2½-in., $3.50 per 100; $30.00 per 1000; 3-in., $5.00 per 100; $45.00 per 1000.

	Per 100
Coleus Christmas Gem	$2.50
Violets, Wales	$2.50
German Iris, Florentina Alba, earliest large-flowering Iris	2.50
Iris Pallida Dalmatica, lavender, shaded blue	8.00

Clematis Paniculata, 2-in., $2.50 per 100; $20.00 per 1000; field, 1-year, $4.00 per 100; 2-year, $8.00 per 100.

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Gloriosa	6.00	50.00
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Princess Charming	6.00	50.00
Rosette	12.00	100.00
Rose-pink Enchantress	3.00	25.00
Mrs. Ward	4.00	30.00
Washington	6.00	50.00
White Enchantress	4.00	30.00
White Perfection	3.00	25.00
White Wonder	6.00	50.00
Winsor	3.00	25.00
St. Nicholas	12.00	100.00
Comfort	6.00	50.00
Brooklyn	12.00	100.00
Dorothy Gordon	4.00	35.00
Pennsylvania	3.50	30.00

S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

CARNATION ROOTED CUTTINGS.

If you have cool house in which to keep them you can make your carnations pay you ⅓ more by getting your stock early. The following are the best paying varieties for the grower on the market today. Our stock is strictly first-class in every respect. Instructions to care for plants with every order.

	100	1000
Light Pink Enchantress	$3.00	$25.00
Dark Pink Enchantress	3.00	25.00
Pure White Enchantress	3.50	30.00
Dorothy Gordon, pink	3.00	25.00
Mrs. C. W. Ward, pink	3.00	25.00
White Wonder	6.00	50.00

250 at 1000 rate. Cash or reference.
Smith & Gannett, Geneva, N. Y.

CARNATION CUTTINGS.
Clean, healthy and well rooted stock.

	Per 100	Per 1000
White Wonder	$6.00	$50.00
Washington	6.00	50.00
Gloriosa	6.00	50.00
Dorothy Gordon	4.00	35.00
Pink Delight	5.00	40.00
Beacon	4.00	30.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00

Cash with order. Satisfaction guaranteed.
MIAMI FLORAL CO.,
Geo. Bartholomew, Mgr.
24 N. Main St., Dayton, O.

Carnations, January 1. Enchantress, Rose-pink Enchantress and Pure White Enchantress, well rooted, from strong healthy plants, $2.50 per 100; $20.00 per 1000. Cash.
Daut Bros., 112 E. Prairie, Decatur, Ill.

CARNATION ROOTED CUTTINGS.
Strong, clean, healthy stock.

Enchantress	$25.00 per 1000
Rose-pink Enchantress	25.00 per 1000
White Enchantress	25.00 per 1000
Dorothy Gordon	25.00 per 1000
Scarlet Glow	25.00 per 1000
O. P. Bassett	25.00 per 1000
Beacon	25.00 per 1000
White Wonder	50.00 per 1000
Washington	50.00 per 1000
Bright Spot	50.00 per 1000

A. JABLONSKY,
Olivette, St. Louis County, Mo.

CARNATION ROOTED CUTTINGS.
Immediate Delivery.

	100	1000
White Wonder	$6.00	$50.00
Gloriosa	6.00	50.00
Norwood	6.00	50.00
Dorothy Gordon	4.00	35.00
White Perfection	3.50	30.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
Beacon	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Winsor	2.50	20.00

Thompson Carnation Co., Joliet, Ill.

CARNATIONS.
ROOTED CUTTINGS.
IMMEDIATE DELIVERIES.

Wodenethe, the greatest white, and Brooklyn, an absolutely reliable cerise pink, $12.00 per 100; $100.00 per 1000.

Princess Charming, White House, White Wonder and Gloriosa, $6.00 per 100; $50.00 per 1000.

Winsor, Harlowarden, Sangamo, Mrs. Patten and White Perfection, $3.00 per 100; $25.00 per 1000. Chas. H. Totty, Madison, N. J.

CARNATION ROOTED CUTTINGS.

	100	1000
White Wonder	$6.00	$50.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
Beacon, Victory	3.00	25.00
May Day, Enchantress	3.00	25.00
Princess Charming	6.00	50.00
R. P. Enchantress, Harlowarden	3.00	25.00

Clean, healthy and well rooted. Cash, please.
Riverside Floral Co., Muncie, Ind.

ROOTED
CARNATION CUTTINGS.
MRS. C. W. WARD.
ALMA WARD.
$3.50 per 100.
$30.00 per 1000.
READY FOR DELIVERY NOW.
Also all standard varieties.
THE LEO NIESSEN CO.,
12TH & RACE STS., PHILADELPHIA, PA.

Strong, well rooted carnation cuttings. Winsor and Victory, $2.00 per 100; $15.00 per 1000. White Perfection, $2.50 per 100; $20.00 per 1000. Mrs. C. W. Ward, $3.00 per 100. Cash or C. O. D.
Northwestern Floral Co., Gross Point, Ill.

Carnation rooted cuttings. Beacon, $3.00 per 100, $25.00 per 1000; Enchantress, Rose-pink, White Enchantress and White Perfection, $2.50 per 100; $20.00 per 1000.
Scharff Bros., Van Wert, O.

CARNATION ROOTED CUTTINGS.

White Perfection ..... $3.00 per 100
Beacon ..... 3.00 per 100

N. Bommersbach, Decatur, Ill.

Carnations, Enchantress, now ready, $2.00 per 100; $18.00 per 1000. White Enchantress, $2.50 per 100; $20.00 per 1000.
Jas. Wheeler, Florist, Natick, Mass.

Carnation rooted cuttings. Enchantress, White Enchantress, Winsor, Beacon, $3.00 per 100.
Marine City Floral House, Marine City, Mich.

Rooted carnation cuttings. Rose-pink, Light Pink and White Enchantress, $20.00 per 1000.
Stephen Hyde, Carthage, Mo.

CHRYSANTHEMUMS.

POMPONS—Zenobia, Baby, Diana, Lulu, Bessie Flight.

SINGLES—Adelaide, Katie Covell, Mary Richardson, Kitty Bourne, Ladysmith, Helen Totty, Harold Bishop, M. J. Carlisle, Garza, Estelle Burnes.

Both pompons and singles, 75c per doz.; $4.00 per 100.

CHRYSANTHEMUMS—October Frost, Monrovia, Golden Glow, Jeanne Nonin, Major Bonnaffon, Dr. Enguehard, Clementine Touset, 50c doz., $3.00 per 100; $25.00 per 1000. Will trade—what have you?
W. R. Miller, The Florist, Covington, Ky.

FINE MUM STOCK PLANTS.
READY FOR SHIPMENT.
$4.00 per 100.
Cash with order.

Oct. Frost	Mrs. O. H. Kahn
A. J. Balfour	Pockett's Crimson
Beatrice May	Yellow Miller
Col. Appleton	T. Eaton
Dolly Dimple	Miss C. Frick
Glory Pacific	Polly Rose
Pacific Supreme	Pink Globe
Monrovia	Major Bonnaffon

White Bonnaffon
Hayman Greenhouse Co., Clarksburg, W. Va.

CHRYSANTHEMUM STOCK PLANTS.
Extra strong clumps.

Golden Glow, Pres. Taft, Donatello, Elise Papworth, Maj. Bonnaffon, Dr. Enguehard, Pink and White Ivory, $4.00 per 100. Minta, the new Enchantress colored pink pompon, $8.00 per 100.
Zieger & Sons, Germantown, Phila., Pa.

HERE'S SOMETHING NEW!
YELLOW KALB.
SPORT OF WHITE KALB.

Blooms as free and keeping quality is as good as of the white one. Best early yellow chrysanthemum on the market.

Stock plants, $10.00 per 100; $1.50 per doz.

Only a few left. Better hurry, you can't get it anywhere else.

Parties unknown to us will kindly send cash with order or good reference.
KYLE & FOERSTER,
162 N. Wabash Ave., Chicago.

CHRYSANTHEMUMS.

Several thousand fine stock plants ready for shipment.

$3.00 per 100.

Golden Glow	Col. Appleton
Polly Rose	Golden Wedding
Halliday	White Chadwick
Touset	Adelia
Monrovia	Mrs. Robinson

Major Bonnaffon.
J. F. WILCOX & SONS,
COUNCIL BLUFFS, IOWA.

CHRYSANTHEMUM STOCK PLANTS
50c per doz.; $3.00 per 100.

Pacific Supreme	
Mrs. Weeks	Golden Glow
White Ivory	Bonnaffon
Pink Ivory	Merry Jane
Touset	Col. Appleton
White Eaton	Mayor Weaver
Nagoya	Yellow Eaton
October Frost	J. Nonin

Patty, 5c
Erie Floral Co., Erie, Pa.

Chrysanthemums. PINK—Enguehard, Chamberlain, Glory of Pacific, Pacific Supreme, Minnie Bailey. YELLOW—Major Bonnaffon, Golden Glow. WHITE—Polly Rose, Touset, Robinson, Mrs. Wm. Buckbee, $3.00 per 100. Number 10 seedling, white, midseason; and Number 9 seedling, creamy white; late Golden Glow sport, white, $10.00 per 100. Yellow Ivory, $5.00 per 100. The two seedlings are good commercial varieties of large size.
Henry A. Bester & Sons, Hagerstown, Md.

CHRYSANTHEMUM STOCK PLANTS.

Crocus	Alice Byron
Dr. Enguehard	Pacific Supreme
Winter Cheer	Edmond Albe
Major Bonnaffon	C. Touset

Halliday
$3.00 per 100. Cash.
Holton & Hunkel Co., Milwaukee, Wis.

$3.50 per 100; 60c per doz., cash with order, for the following stock plants: Golden Glow, October Frost, Opah, Estelle, Gloria, Halliday, Robinson, Mrs. Weeks, Alice Byron, Wm. Duckham, Pres. Taft, Honesty, Philadelphia, White and Yellow Bonnaffon, Trainor Park, Golden Wedding, Dr. Enguehard, John Burton, Jeanne Nonin, Yanoma. The Newburys, Mitchell, S. D.

Chrysanthemum stock plants, $4.00 per 100. Will exchange for other sorts needed. Sunshine, Touset, Robt. Halliday, Glory Pacific, Monrovia, Col. Appleton, Pacific Supreme, Robinson, Duckham, October Frost, Balfour, Black Hawk, Virginia Poehlmann, Dr. Enguehard and Jeanne Nonin. Truitt's Greenhouses, Chanute, Kan.

Why not buy for immediate delivery and double your stock by the 1st of January, thereby saving money. Extra strong 2-in. plants of the finest and earliest white chrysanthemum, Smith's Advance, ready now, $1.25 per doz.; $10.00 per 100. Cash.
Jos. F. Klimmer Estate, Forest Park, Ill.

Chrysanthemum stock plants. Golden Glow, Oct. Frost, W. Bonnaffon, Y. Bonnaffon, Pres. Roosevelt, W. Chadwick, Helen Frick, Col. Appleton, Halliday, Lady Hopetown, Honesty, cash or exchange, 50c per doz.; $2.50 per 100.
R. E. Rathbun, Sioux City, Iowa.

Chrysanthemum cuttings for early delivery. Golden Chadwick, W. H. Chadwick, Yellow Eaton, White Eaton, W. T. Brock (incurved Thanksgiving pink), $2.50 100; $20.00 1000. All other varieties at market prices.
R. J. Irwin, 3097 Broadway, New York, N. Y.

"CHRYSANTHEMUMS FOR THE MILLION."
A record of notes on the culture of the chrysanthemum, by growers situated in every section of the United States, with an introduction by the author, C. H. Totty. Price, 25c.
Chas. H. Totty, Madison, N. J.

Orders booked for young plants of Smith's Advance, earliest white; Unaka, earliest pink; January and February delivery, $1.00 per 10; $8.00 per 100. Please order early. Stock plants all sold. Max B. Schreiber, McDonald, Pa.

Chrysanthemums. Smith's Advance, the peerless early white chrysanthemum. Rooted cuttings, tips only, $5.00 per 100. 500 stock plants of Nagoya, one of the best late yellows, $5.00 per 100. Maurice J. Brinton, Christiana, Pa.

Chrysanthemum stock plants. Chas. Razer (best white), $3.00 per doz. Yellow Bonnaffon, Dr. Enguehard, $3.00 per 100; 50c per doz. Cash with order.
J. H. Miller, 5558 N. Lincoln St., Chicago.

Chrysanthemum stock plants. G. Glow, Crocus, Gloria, Enguehard, Oct. Frost, Polly Rose, 50c per doz.; $3.00 per 100, or will exchange for any stock I can use.
H. S. McClenahan, Oklahoma City, Okla.

Chrysanthemum stock plants. Yellow Bonnaffon, Dr. Enguehard, Glory of Pacific and Estelle, $3.00 per 100.
Mosbæk Greenhouse Co., Onarga, Ill.

CHRYSANTHEMUMS—Continued.

Chrysanthemum rooted cuttings, Enguehard (pink), Bonnaffon (yellow), Nonin (white), $2.00 per 100; $17.50 per 1000.
Albert M. Herr, Lancaster, Pa.

Stock plants of White Bonnaffon and Jeanne Nonin, the best whites, $2.50 per 100. Cash with order, please.
Harry S. Pearce, Pontiac, Mich.

We have 5000 Smith's Advance chrysanthemum rooted cuttings ready to ship at $5.00 per 100. Cash with order. You had better hurry.
The Newburys, Mitchell, S. D.

Chrysanthemums. Several thousand fine stock plants ready for shipment at once. Maj. Bonnaffon, Yellow Eaton, Estelle, $3.00 per 100.
D. H. Green, Boonsboro, Md.

Chrysanthemums, best commercial varieties. Rooted cuttings, $10.00 per 1000. Orders booked.
McRae-Jenkinson Co., Cheswick, Pa.

5000 strong stock plants of Dr. Enguehard and Willowbrook, $1.50 per 100. Cash.
Ernsberger Bros., Celina, O.

Chrysanthemum stock plants, strong. Mrs. Parr, Pres. Roosevelt, Helen Frick, $3.00 per 100.
Mercer Floral Co., Bowling Green, O.

Chrysanthemum stock plants. Smith's Advance, 25c each; Golden Glow, 10c each.
Eli Cross, 25 Monroe, Grand Rapids, Mich.

Stock plants of yellow Garza, new, at 50c each., $5.00 per doz.
Jacob Russler, 114th and Avon, Morgan Park, Ill.

Stock plants. Y. and W. Eaton, Y. Bonnaffon, A. Byron, Yanoma. $3.00 100.
West View Floral Co., Knightstown, Ind.

Chrysanthemum stock plants, Major Bonnaffon and Dr. Enguehard, $3.00 per 100; 50c per doz.
John W. Scott, Box 345, Lisbon, O.

CINERARIAS.

Cinerarias. Vaughan's Columbian, James' Prize, Matchless Dwarf, azure blue, white, blood red and old rose, 3-in., ready for 4-in., $4.00; 4-in., in bud, $8.00; 5-in., in bud, $15.00 per 100. Fine, clean stock. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Large dwarf flowering cinerarias, 4-in. pots, ready for 5-in., $5.00 per 100; 3-in. pots, ready for 4-in., $3.00 per 100. Fine plants from best seeds obtainable.
H. Niessner, 88 Poplar St., Johnstown, Pa.

Cinerarias, Vaughan's Columbian, 3½-in., ready for 5-in., $5.00 per 100. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Cinerarias, dwarf varieties. Large plants, ready to shift, 2¼-in., $1.50 per 100; 3-in., $2.50 per 100; 4-in., $5.00 per 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

Extra fine 2½-in. cinerarias, Ranson's Beauties, $2.50 per 100. Cash.
The Newburys, Mitchell, S. D.

Cinerarias, finest large flowering dwarf hybrids, in mixture, established in 3-in. pots, $4.00 per 100. Cash. Russell Bros., R. 4, Syracuse, N. Y.

Cinerarias, choice mixed, 2¼-in., 2c; 3-in., ready for 4-in., 4c.
Hammerschmidt & Clark, Medina, O.

Cinerarias. The largest flowers. See display adv.
J. W. Miller, Shiremanstown, Pa.

Strong dwarf cinerarias, 2-in., $2.00 per 100.
M. S. Wiecking Co., Fluffton, Ind.

Cineraria stellata, 3-in., 5c.
Mosbæk Greenhouse Co., Onarga, Ill.

Cinerarias, large, dwarf flowering, 2¼-in., 2c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

CLEMATIS.

Clematis paniculata, 2 and 3-yr.-old; also Henryi, Jackmani, Andre Romona, Red Jack. Special price for fall delivery.
Parks & Schaufelberger, Penfield, N. Y.

Clematis, coccinea and crispa. Ask for prices.
Wm. Tell, Austin, Texas.

Paniculata, 1-yr. seedlings, $2.00 100; $15.00 1000.
J. S. Handte, Asheville, N. C.

COBAEAS.

Cobaea scandens seed, $2.00 per lb. postpaid.
J. A. McDowell, Ap. 167, Mexico City, Mex.

COLEUS.

Coleus. Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Coleus, 47 varieties, R. C., 60c per 100, $5.00 per 1000; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Coleus, strong, clean 2-in., $2.00 per 100; Verschaffeltii rooted cuttings, $6.00 per 1000. Cash, please.
Rudolf Nagel, Lancaster, Pa.

Coleus, standard sorts. R. C., 75c 100; 2¼-in., 2c. Mosbæk Greenhouse Co., Onarga, Ill.

Coleus, 6 good vars. R. C., 60c 100; $5.00 1000.
McRae-Jenkinson Co., Cheswick, Pa.

Coleus, best collection in the U. S.
Albert M. Herr, Lancaster, Pa.

Coleus rooted cuttings, 8 best kinds, 50c 100.
C. L. Reese, 1840 S. Limestone, Springfield, O.

CROTONS.

Crotons, 5-in. pots, 75c to $1.00 each; 6-in. pots, $1.00 to $1.25 each. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

Croton aurea maculata, 3-in. pot plants, $8.00 per 100.
Storrs & Harrison Co., Painesville, O.

CYCLAMEN.

Giant cyclamen, our own grown strain, selected from the very best and well built plants and flowers. Seed, $1.00 per 100, $6.00 per 1000; nearly all sold out. August seedlings, $2.00 per 100; $18.00 per 1000. Plants, well set with buds, 4-in., $18.00 and $25.00 per 100. Orders amounting to $25.00, 10% off. Here is one of the many letters we received from satisfied customers: E. A. Butler & Son, Niagara, Falls, N. Y., say, "The plants are excellent, the finest we have ever had and, if the seed this year is of the same quality, we will be perfectly satisfied." Our aim has been to, and we have, improved our strain every season. Cultural directions with every order. See my calla and A. plumosus advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

Received first prize at Milwaukee Flower Show. All well grown, strong stock, in full bud and bloom.

5-in.	$ 6.00 per doz.
6-in.	9.00 per doz.
7-in.	12.00 per doz.
8-in.	15.00 per doz.

Carl Meier & Co., Green Bay, Wis.

CYCLAMEN.

5-in.	$20.00 per 100
4-in.	10.00 per 100
3-in.	7.00 per 100

This is the noted Winterich strain; plants in good shape, we must reduce our stock.
Swan Peterson Floral Co., Gibson City, Ill.

CYCLAMEN, GOOD, STRONG PLANTS.
Best strains, in bud, to close out.

3-in.	$ 5.00 per 100
4-in.	10.00 per 100
4½-in.	20.00 per 100

Rober & Radke, Maywood, Ill.

Cyclamen, best giant commercial strain, 6 separate colors or mixed, 4-in., healthy, stocky plants, in bud and bloom, 15c to 30c each.
J. L. Schiller, Toledo, Ohio.

Cyclamen seedlings, giant flowering strain, $3.50 per 100, $30.00 per 1000; 2½-in., $5.00 per 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Cyclamen, full of buds, 3-in., $6.00; 4-in., $12.00 per 100. Get ready for Easter. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen, 2¼-in., $4.00 per 100; 3-in., $6.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Cyclamen seedlings, transplanted, best colors, separate, $2.00 per 100; $18.00 per 1000.
Wm. Eschrich Co., North Milwaukee, Wis.

Cyclamen persicum.
J. Hasslach, St. Remy de Provence, France.

Cyclamen, 5-in., mixed colors, 35c.
Flick Floral Co., Fort Wayne, Ind.

Cyclamen giganteum, 4-in., 15c.
Mosbaek Greenhouse Co., Onarga, Ill.

Cyclamen giganteum. See display adv.
J. W. Miller, Shiremanstown, Pa.

DAHLIAS.

WHOLESALE LIST FOR 1912
NOW READY
Separated stock and clumps. We use no slips or sprouts for propagation; stock all grown from tubers, insuring strong roots.
J. L. MOORE
Northboro Dahlia & Gladiolus Gardens
NORTHBORO, MASSACHUSETTS

EAST BRIDGEWATER DAHLIA GARDENS.
If you are looking for dahlia stock for your 1912 catalogue, send for trade list to THE DAHLIA KING.
J. K. Alexander, East Bridgewater, Mass.

DAISIES.

Marguerites. Queen Alexandra, Nicholson's White, Soleil d' Or, 2½-in., $3.00; 3½-in., $6.00 per 100. Queen Alexandria, 4½-in., $10.00; 6-in., $25.00 per 100. Bushy stock ready for a shift or immediate flowering. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Yellow marguerites, winter flowering. Guaranteed healthy stock out of 2½-in. pots, $5.00 per 100; 4-in. pots, 10c, $10.00 per 100. Sample by mail, 10c.
James Crawshaw, Depot Ave., Barrington, R. I.

Daisies, Paris. Rooted cuttings, giant yellow and white, $1.00 per 100. Bellis, Snowball, Longfellow, $2.50 per 1000; 5000 for $10.00.
Byer Bros., Chambersburg, Pa.

Daisies (Chrysanthemum maximum), fine for cutting. Strong divisions, right from 5-in. pots, $2.00 per 100; $15.00 per 1000. Cash with order.
W. A. Finger, Hicksville, L. I., N. Y.

White marguerites, 2-in., strong plants, $2.00 100.
C. L. Jenkins & Son, R. D. 2, Anacostia, D. C.

The new double daisy, F. Sander, from 2¼-in. pots, $5.00 per 100; $45.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Queen Alexandria marguerites, 2½-in., $2.00 per 100. Cash. C. A. Musser, Daylestown O.

See our display adv.
The Maples, Garrettsville, Ohio.

Yellow daisies, 2½-in., $2.50 per 100.
Willis W. Kinyon, South Bend, Ind.

Marguerite daisies, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, Ohio.

DRACAENAS.

Dracaena indivisa, 2¼-in., $2.00 per 100; $18.00 per 1000; 3-in., $6.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Dracaena indivisa. Strong 5-in. pot plants, 10c; 3-in., $3.00 per 100. Buy now.
Wm. Eschrich Co., North Milwaukee, Wis.

Dracaena indivisa, pot-grown. From 5-in. pots, $15.00 per 100; from 4-in. pots, $10.00 per 100. Cash. Queen City Floral Co., Manchester, N. H.

Dracaena terminalis, fine young 2½-in. stock, $10.00 per 100.
Julius Roehrs Co., Rutherford, N. J.

3000 Dracaena indivisa. Good strong 2¼-in., 2½c., 3-in., 5c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dracaena indivisa, 2½-in., $2.50 per 100; 3-in., $4.00 per 100. Cash.
Haentze Co., Fond du Lac, Wis.

Dracaena indivisa, 3-in., $5.00 per 100; $40.00 per 1000. L. Potter & Sons, Waukegan, Ill.

Dracaena indivisa, 3-in., 5c each.
Willis W. Kinyon, South Bend, Ind.

FERNS.

FERNS MY SPECIALTY.
COCOS WEDDELINA and KENTIA BELMOREANA. Fine center plants, $1.30 per doz.; $10.00 per 100.
CIBOTIUM SCHIEDEI. Grandest stock ever offered of this most magnificent fern, 3-in., $3.50 per doz., $25.00 per 100; 4-in., $5.00 per doz., $40.00 per 100; 8-in., $2.25; 9-in., $3.50; 10-in., $4.50; 12-in., $6.50 each.
ADIANTUM CROWEANUM, 4-in., $2.00 per doz.; $15.00 per 100.
ADIANTUM CUNEATUM, 2¼-in., $3.50 per 100, $30.00 per 1000; 4-in., nice full plants, $12.00 per 100.
ADIANTUM FARLEYENSE, 4-in., $5.00 per doz.; $40.00 per 100.
ADIANTUM REGINAE and RHODOPHYLLUM, splendid 4-in. stock, $4.50 per doz., $35.00 per 100.
ASPARAGUS PLUMOSUS NANUS, 2¼-in., $3.00 per 100; $25.00 per 1000.
ALSOPHILA AUSTRALIS, a very pretty tree fern, 7-in., $1.50; 10-in., $4.00 each.
J. F. ANDERSON,
Fern Specialist. Short Hills, N. J.

Ferns for dishes, assorted varieties. Strong, healthy plants from 2¼-in. pots, $3.00 per 100; $25.00 per 1000; 3-in., $6.00 per 100, $55.00 per 1000; 4-in., $12.00 per 100.
Boston ferns, 8-in., $1.25 each; 7-in., $1.00 each, $10.00 per doz.; 6-in., 50c each.
Whitmani, 8-in., $1.50 ea; 7-in., $1.00; 6-in., 50c and 75c each.
Scottii, 7-in., $1.00 each; 6-in., 50c each.
Kentia Belmoreana, 2¼-in., $10.00 per 100; 3-in., $15.00 per 100; 4-in., $30.00 per 100; 5-in., $8.00 per doz.
Cocos Weddeliana, 2¼-in., $10.00 per 100.
Asparagus plumosus nanus, 2¼-in., $3.00 per 100; 3-in., $5.00 per 100.
Asparagus Sprengeri, 2¼-in., $2.50 per 100.
Frank N. Eskesen, Madison, N. J.

FERNS FOR IMMEDIATE DELIVERY.
EXTRA GOOD QUALITY STOCK.
BOSTON.

	100		100
4-inch	$10.00	8-inch	$80.00
5-inch	25.00	9-inch	each, 1.25
6-inch	40.00	10-inch	each, 1.50
7-inch	60.00	12-inch	each, 2.00

WHITMANI.

	100		100
6-inch	$45.00	8-inch	$80.00

ASPARAGUS.
3-in., $6.00 per 100.
R. R. DAVIS CO., MORRISON, ILL.

NEPHROLEPIS BOSTONIENSIS.

4-inch	$1.50 doz.;	$12.00 100
5-inch	3.00 doz.;	20.00 100
6-inch	5.00 doz.;	35.00 100

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This we consider the finest of the crested varieties.

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Strong selected cuttings. We grow for the trade only and our aim is quality.

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Geraniums. Strong 2 and 2½-in. Ricard J. Viaud, $20.00 per 1000; S. A. Nutt, $18.00. Cash with order. Also a few Sullerol, Buchner, Poitevine, etc., mixed $18.00 per 1000.
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Geranium S. A. Nutt, 2¼-in., $2.50 per 100; $20.00 per 1000. Baur Floral Co., Erie, Pa.

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Gladiolus, America, No. 1, $3.00 100, $25.00 1000; No. 2, $2.50 100, $20.00 1000. Alice Carey, best white in commerce, No. 1, $5.00 100, $40.00 1000; No. 2, $4.00 100, $30.00 1000. Baron J. Hulot, the best clear dark blue in existence; bulbs, not first size but good blooming bulbs, $1.25 doz., $9.00 100.
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Grevilleas, 4 and 5-in., 20c.
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Heliotrope rooted cuttings, 70c per 100; $6.00 per 1000; by mail, 10c per 100 extra; 2¼-in., $2.00 per 100. $18.00 per 1000. Positively cash with order.
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	Per 100
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Hydrangea Thos. Hogg, 4-in., heavy plants	10.00

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HYDRANGEA ARBORESCENS GRANDIFLORA, selected for forcing; 2-yr., 1½ to 2 ft., $3.00 per doz., $20.00 per 100; 15 to 20 in., nursery grown, $1.50 per doz., $10.00 per 100; 8 to 12 in., $6.00 per 100, $50.00 per 1000. Price list free. E. Y. Teas & Son, Centerville, Ind.

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Hydrangea Otaksa, fine pot-grown, 5-in. pots, 2 to 3 flower shoots, $20.00 per 100.
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Hydrangea Otaksa, field-grown, 1 shoot, 6c; 2 shoots, 10c; 3 shoots, 15c.
Erie Floral Co., Erie, Pa.

Hydrangea Otaksa for Easter and Decoration day. See our display adv.
Jackson & Perkins Co., Newark, New York.

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I. Sultani, red, 2¼-in., 2¼c.
Hammerschmidt & Clark, Medina, O.

Impatiens Sultani. R. C., $1.00 per 100. Cash.
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GERMAN IVY.
Rooted cuttings, $5.00 per 1000.
Cash with order.
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German ivy. R. C., 50c per 100, mailing 10c; 2¼-in., 2½c.
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English ivy, 2-yr. field plants, 2½ to 4 ft. long, 2, 3 and 4 leads, extra fine, 10c each; 200 for 8c each. Cash.
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Lantanas, 8 fine varieties, $3.00 per 100.
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Lily of the valley, Bruns' Early Forcing, $1.75 per 100; $15.00 per 1000. Chicago Market Brand, $2.00 per 100; $16.00 per 1000.
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Lobelia Kathleen Mallard, the new double. I have 50,000 extra large and well rooted cuttings, transplanted into soil, and if you want good, clean, healthy stocks for spring trade, order now. Well packed to stand any weather; satisfaction guaranteed. 65c per 100, by mail; $4.50 per 1000, by express.
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Lupines from 2-in. pots, well established; $2.00 per 100; good little plants from soil, in white, pink, blue and yellow, each color separate, $1.00 per 100; $9.00 per 1000. These are from the best strain of cut flower sorts obtainable.
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Moonflowers. Buy now to propagate from. $3.00 per 100.
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APPLE SEEDLINGS.
Grown from French crab seed on new land, free from aphis and knot. No. 1 straight roots, 3/16-in. and up, $4.50; No. 1, branched, $4.00; No. 3, less than 2/16-in., for lining out, $1.25 per 1000 f. o. b.
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1500 golden willow, 1-yr., 3 to 4 ft., low branched, $8.00. They are worth the money. Send for additional lists and catalogue.
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My catalogue for 1911 of native trees, shrubs, bulbs and plants is now ready to mail.
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ELLWANGER & BARRY, ROCHESTER, N. Y.

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Pandanus utilus, 3-in., $10.00 per 100; 4-in., $20.00 per 100.
Cocos Weddeliana, 2½-in., $10.00 per 100.
Kentia Belmoreana and Forsteriana, made-up and single plants, all sizes. Special value in made-up Forsteriana, 4 plants in 8-in. tubs, 40 to 44 in. high, $4.00 each., 8-in. tubs, 44 to 48 in. high, very husky, $5.00 each.
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We have some 1000 palms, from 4-in. up to 8-in. pots, of Kentia (both varieties), Latania borbonica, Phoenix (two varieties), which we want to close out at once. Will make a close cash price to any one that is able to handle the lot, or will sell in dozen lots. Send for list.
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Areca lutescens, 3½ to 4½ ft. high, bushy, 4 to 5 plants to a pot, $2.25 each.
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Kentia Belmoreana from 2¼-in. pots, 3 leaves, $6.00 per 100; $55.00 per 1000. Cash or satisfactory references with order.
B. Soltau Fernery,
199 Grant Ave., Jersey City, N. J.

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J. J. Soar, Little River, Florida.

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Review
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Kentias, latanias, chamaerops, 3-in. Prices on application. Geo. Just, Jacksonville, Fla.

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Richmond Cedar Works - - - Richmond, Virginia

Quick Budding and Stiff Stems

Get into the market with better blooms—Sheep's Head Brand of Pulverized Sheep Manure will prove a money maker for you. Unsurpassed as an extra stimulant to plants, pots or beds. Will not cause black spot like stable manure. Free from weed seeds—always ready.

Carnations, roses, chrysanthemums and violets are particularly benefited. Send for booklet,

"Fertile Facts"

It shows you the dollars and cents view and points out the actual profits from using Sheep's Head Brand, and shows you how to prepare soils so that they will retain soluble plant foods near the surface of the ground within reach of the rootlets of growing vegetation. We will send you a copy of this interesting and instructive book free. Write to-day.

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Cattle Manure in Bags

Shredded or Pulverized

Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unequaled for all field use. Write for circulars and prices.

The Pulverized Manure Company

33 Union Stock Yards CHICAGO

"FRIEDMAN'S BEST" TOBACCO POWDER

For fumigating and sprinkling combined 3 cents per lb. in 100 lb. sacks, $50.00 per ton.

TOBACCO STEMS, 50 cents per 100 lbs.

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The Insecticide that kills plant Lice of every species

Destroys green, black, white fly, thrips, red spider, mealy bug, scale and all plant sucking insects. An excellent cleanser for decorative stock.

$2 50 per gallon—$1.00 per quart. U. S. and Canada.

FUNGINE

Has no equal for destroying mildew, rust and other plant fungi.

Fungine will cure bench rot, and is proving an excellent remedy for the protection of cuttings and young stock against the various blights.

$2.00 per gallon—75c per quart. U. S. and Canada.

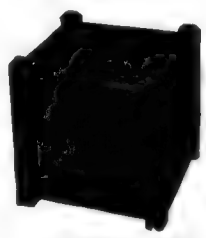
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Manufactured by

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MADISON, N. J.

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Wagner Plant Boxes are the best and cheapest in the market for Palms, Boxwood, Bay Trees, etc. They are attractive in design, strong and durable, suitable for either indoor or outdoor use. Made of cypress, which gives them a lasting quality. We manufacture various styles and sizes. Write for prices.

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Tree Tubs and Brass Hoop Jardinieres.

The extension stave foot prevents the bottom from rotting. No chance for water to collect.

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A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

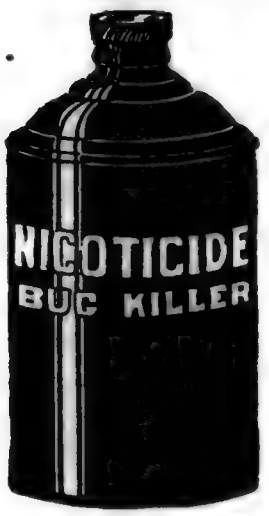
"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

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CHICAGO, ILL. PORTLAND, ORE. BOSTON, MASS.
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THE BEST
Bug Killer and Bloom Saver

Drop us a line and

We will prove it

P. R. PALETHORPE COMPANY

Dept. A,

Owensboro, Ky.

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DREER'S

Florist Specialties.
New Brand New Style.
Hose "RIVERTON"
Furnished in lengths up to 500 ft. without seam or joint.

The HOSE for the FLORIST

¾-inch,	per ft.,	15 c.
Reel of 500 ft.,	"	14½c.
2 Reels, 1000 ft.,	"	14 c.
½-inch,	"	13 c.
Reels, 500 ft.,	"	12½c.

Couplings furnished.

HENRY A. DREER,
714 Chestnut St.,
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Green Flies and Black ones too

are easy to kill with

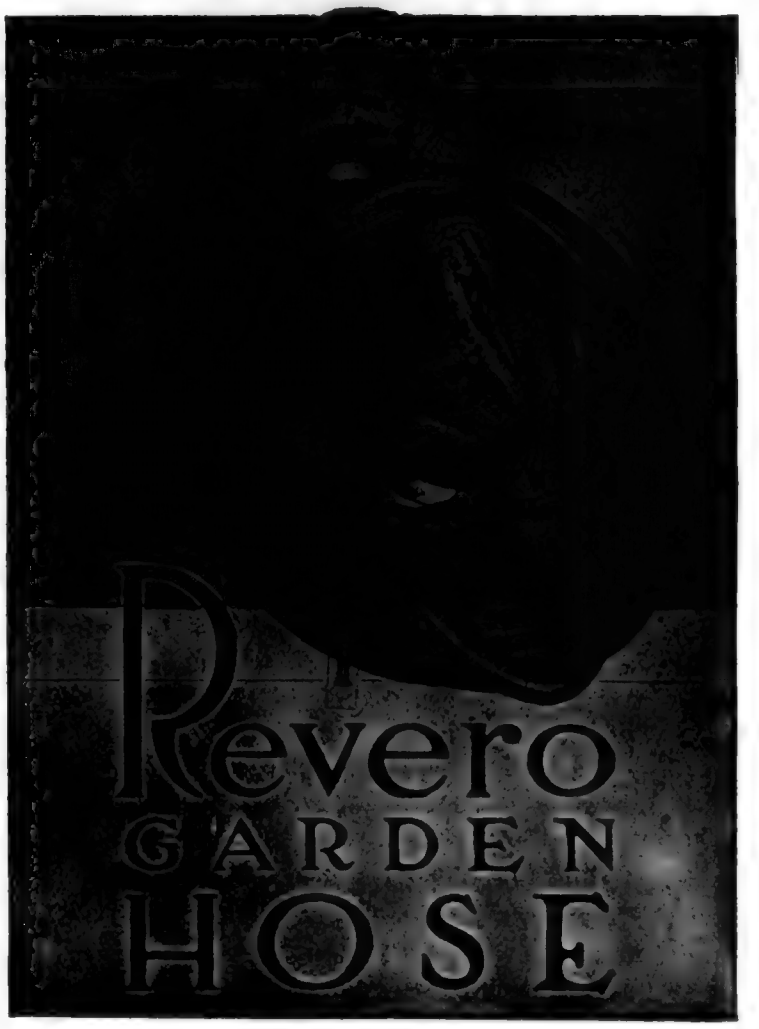
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$3.00 per bag 100 lbs.

Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?

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Light Strong Flexible

An indestructible moulded Hose for Lawn, Greenhouse, Stable, Garage. Of braided construction, cannot unwrap, kink or burst like old-style wrapped duck construction. Made in continuous lengths up to 500 feet, which gives you any length you want and avoids leaky couplings.

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SKINNER SYSTEM
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THE RAIN MACHINE

Write for six books on indoor and outdoor irrigation.

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COAL
Anthracite, Bituminous, Coke and Gas Coal
West End Trust Building, Philadelphia

Greenhouse Heating.

ABOUT THE EXPANSION TANK.

I wish to thank you for the information you gave me about my boiler, but I am in trouble again. Will you kindly tell me whether, if I run two flow pipes from the boiler in different directions, it will be necessary to have two expansion tanks? I have a water tank which is twenty-eight feet higher than the top of the boiler, and the tank itself is twelve feet high; that is, counting from the bottom of the tank to the top of the boiler, there would be a fall of twenty-eight feet, in 1½-inch pipe. The boiler is fed by ¾-inch pipe from the 1½-inch pipe. Can I run the two flow pipes in different directions and use this tank? It holds 5,000 gallons. J. H. N.

While it will answer if an air-vent is placed in one of the flow pipes and the other is connected with the expansion tank, the best way will be to run a pipe from the highest point in each of the flow pipes and, after connecting them, run a 1½-inch pipe to the expansion tank. There will be no objection whatever to using the large water tank as the expansion tank for the system, but care must be taken, of course, that the expansion pipe does not freeze.

A HOUSE WITH TWO PARTITIONS.

I intend to build a greenhouse, 20x75 feet, running east and west, with three feet of concrete and two feet of side glass all around. The house will measure twelve feet to the ridge and will contain two partitions, which will divide it into three rooms, each 20x25 feet. The land where I intend to build has a fall of about eighteen inches from east to west, in the length of the house. I should like to know what size of workroom and boiler room to put up. There is only a 3-foot fall to the ditch which drains the land, so it will not be possible to have the boiler and coal underneath the house. I suppose the east and highest point would be the best place for the boiler, or on the north side, in the center. I shall be thankful for any advice as to how to run the pipes, so that I can keep the east section at 65 degrees, the central section about 60 degrees and the west one about 50 degrees in zero weather. My location is northeastern Illinois and there will be no protection for the house, as it stands in the open. R. P.

It is generally preferable to build the boiler house at the lower end of the greenhouse, in order to secure a proper return of the water. Whenever possible, it is at the east end rather than at the west end, and for houses less than 100 feet long there is little occasion for placing the boiler at the north side of houses running east and west. In the present case, if the house itself is built on a level, the boiler room can still be at the east end. The workroom and



HOW MUCH

does the temperature vary in your greenhouses during the night, or when you are absent? What's that—you don't know? Buy a

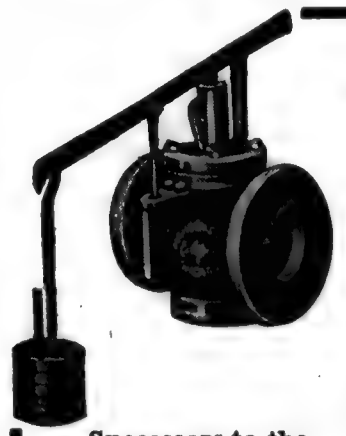
STANDARD
RECORDING
THERMOMETER

and find out. It has saved hundreds of dollars for many florists and may do as much for you. Your plants and stock require certain steady temperatures. Use this thermometer and you will know whether they are getting what they need. It leaves a written record under lock and key.

Send for Circulars

Standard Thermometer Co.,
(Successors to Parker Mfg. Co.)
65 Shirley St., BOSTON, MASS.

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The Users Of The.... Hughson Regulating Valve

are all satisfied with the results it has given, and many duplicate orders is the proof. **This Valve will maintain a steady pressure** on the low side, no matter how the initial pressure fluctuates. By carrying 40 or 50 pounds pressure on the boiler and setting the valve to carry 5 or 10 pounds on the line, you always have a reserve to fall back on in case of a sudden drop in temperature. **Our new catalogue is just out** and if you contemplate making any changes you had better get one—it is yours for the asking.

We Also Make Traps and Other Devices.

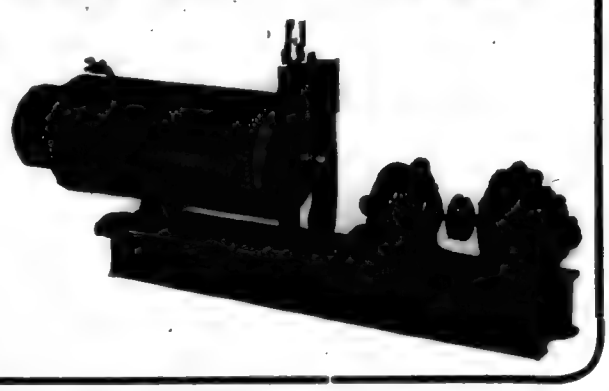
HUGHSON STEAM SPECIALTY CO.
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Successors to the John Davis Company

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Our Automatic Electric Condensation Pump
SAVES 20% TO 50% COAL.
Draws Water and Air out of the Heating System.
Returns Condensation Water to Boilers.
Makes Heating Uniform
SAVES LABOR
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Hot Water Boilers
Made by
ILLINOIS MALLEABLE IRON CO.
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CHICAGO
Are noted for coal economy and good results generally
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No Trouble to Keep up Tempera= tures with the Kroeschell

The No. 9 boiler we bought of you is heating 15,000 square feet of glass. We have no trouble to keep up temperatures of 60° for rose houses and 52° for carnation section in the coldest weather. Your boiler has given entire satisfaction. We also have a cast iron 9-sectional boiler, but prefer the **KROESCHELL.** This has been the coldest winter we have had in years, and we burned less coal than usual. We use your Generator and believe it helps the circulation.

JUNCTION CITY FLORAL CO., Junction City, Kan.

Send for new catalogue—DO IT TODAY

444

CAN YOU
MAKE OUT A LIST NOW
of your needs in **PIPE** and **FITTINGS,** so that we can estimate on them?
It may save you money.
WHETSTONE & CO.
911 Filbert Street, Philadelphia, Pa.
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boiler room should not be less than twenty feet square, and it would need to be even larger if much coal is to be stored.

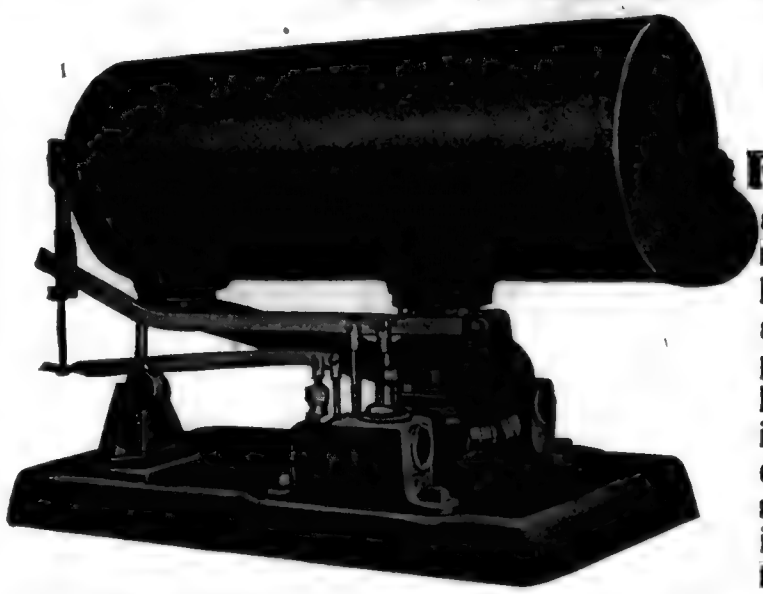
For the heating pipes, run three 2½-inch flows to the farther end. One of these can be on each wall plate and the other two feet below the ridge. Connect each of these with a coil of four 2-inch return pipes, which should be under the flow pipes and should have a slope of one inch in ten feet back toward the boiler. This will give about the right temperatures in the middle and west houses. To obtain a little more heat in the east house, drop down a 2-inch pipe from the overhead flow and with it feed a coil of three 2-inch pipes back to the boiler.

HEAT FROM EXHAUST STEAM.

I am trying to heat my greenhouse with exhaust steam from an electric plant, about 250 feet away. The steam is conveyed to my place through a 5-inch pipe, which is reduced to 3-inch at the greenhouse. Inside there is an elbow, from which the pipe has a direct rise of two feet. Then the pipe, still 3-inch, runs six feet horizontally and afterward at an angle of 45 degrees, up to the feed pipe in the center of the house, which distributes to bench coils on each side, through 2-inch pipes. The bench coils consist of 1½-inch pipe, four pipes under each bench. All the condensation is returned to a concrete pit in the center of the house, where a steam trap and a meter have been installed, in the order named; from the meter a pipe runs to the sewer.

Now, the condensation is so great that no steam gets to the trap or meter and the pipe is cold. The company charges by the thousand pounds, and I should like you to tell me whether they ought to charge me meter rate on exhaust steam, as one would on live steam. If there should be a difference, what should it be? If there is any mistake in the installation, I should

An Innovation in Steam Trap Design and Construction



THE NEW "Detroit" RETURN TRAPS

are devoid of all unnecessary mechanism.

Every part designed, manufactured and assembled with the idea of permanence foremost.

Every tilt of the trap shows that it's working—draining every drop of condensation from the heating system and automatically returning it to the boiler—no pumps—no trouble.

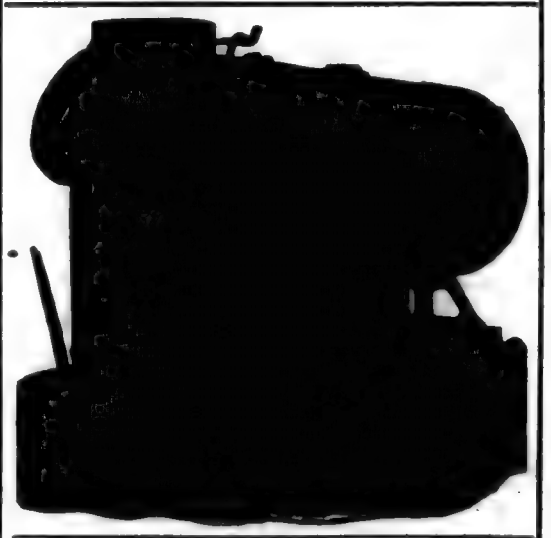
Condensation is the purest kind of boiler feed water. Don't waste it. Return it directly to the boiler by "Detroit" Return Traps and prevent scale formation.

Ask us to mail you advance bulletin, No. 320-FR.

AMERICAN BLOWER COMPANY
DETROIT, MICH.
U. S. A.

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Johnston Heating Co.
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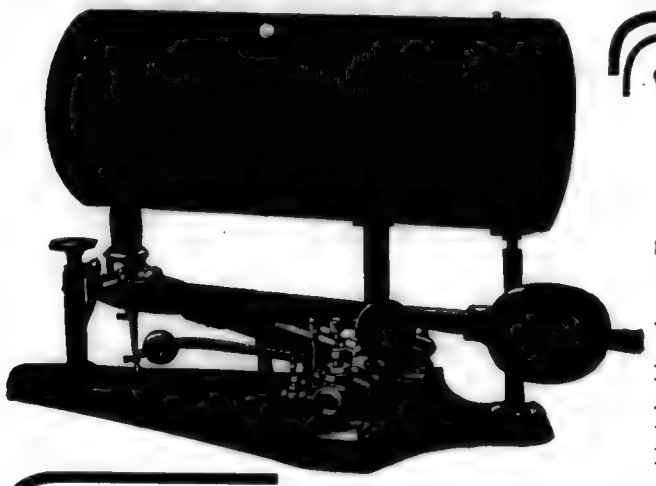
200%

Our sales to Florists for 1910 were 200% increase over 1909 and every customer satisfied.

RETURN TRAP



Taylor Steam Specialty Co.
BATTLE CREEK, MICH.
Write Department F. for new catalogue.



Where There Is Condensation

—there is need for a Morehead Steam Trap. Condensation in steam lines is akin to matter out of place—means wasted energy.

If your lines are sluggish—if your houses are not of uniform temperature, write us. We guarantee to drain your lines perfectly—return the pure, hot condensation to your boiler without pump or injector or make no charge for the trial. Obey that impulse—write now.

Morehead Manufacturing Company

Dept. "M," DETROIT, MICHIGAN

—Stocks Carried in—

New York, Chicago, Wichita, Kan., New Orleans, La., Philadelphia, Birmingham, Ala., Memphis, Tenn., Los Angeles, Chatham, Ontario, San Francisco

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like to know. There is less than 500 feet of radiation. The trap used is the Empire trap; the meter is the No. 2, Model C, of the American District Steam Co. L. M. F.

The data furnished are not sufficiently complete to indicate clearly the cause of the trouble. It is possible that the supply main is not properly insulated, so that most of the steam is condensed before it reaches the heating coils, and it is also evident that the amount of steam furnished is insufficient to heat the house. If the pipes are cold, it seems likely that the trap is not working properly and that the water backs up in the coils as a consequence. As nearly as can be ascertained from the description given, there are about 500 square feet of surface in the mains and the same amount in the coils, and even if the mains are carefully insulated, the proportion of surface in them is altogether too large. A 3-inch pipe would answer the purpose and, as it would contain only about one-third as much steam, the rate of condensation in the main would be materially reduced.

Of course the price paid and the method of measuring the amount of steam furnished will depend upon the bargain that has been made. Ordinarily, only the amount condensed in the coils is measured, and if any of the water condensed in the main passes over into the coils, a relief pipe should be put in where the main enters the house.

THREE CONNECTICUT HOUSES.

Kindly inform me what size of hot water boiler I shall require for a greenhouse 35 x 100 and seven feet high to the eaves, with 16 x 24 glass in the sides and ends. How much piping will be needed and how would you pipe the house to obtain a temperature of 50 to 55 degrees in zero weather? Would a horizontal boiler be more economical than an upright one? The house runs east and west, with the boiler house at the northwest corner. I have also two other houses, each 20 x 50 and eleven feet high to the ridge. These run north and south at the west end of the 100-foot house. Would it be advisable to heat all three houses from one boiler, providing the boiler is large enough? If so, how large a boiler would be required? J. H. S.

There will be no difficulty in heating the three houses with one boiler. For the larger house alone a boiler with a rating of 1,500 square feet of radiating surface will be required, or to heat the three houses from one boiler a heater with a rating of 2,400 square feet should be used.

To pipe the large house, use four 2½-inch flow pipes and fourteen 2-inch returns. Run one flow on each side wall and the others overhead, suspended

THE BURNHAM



HOT WATER OR STEAM

56 Sizes
Heats from 1850 to 27,000 square feet.
Send for Catalogue.

Lord and Burnham Co.
Irvington, N.Y.

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Geo. B. Limbert & Co.

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Genuine Wrought Iron Pipe

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Martin Rocking Grate

IT SAVES COAL

MARTIN GRATE CO., 343 S. Dearborn St. CHICAGO.

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IT'S THE NEW

PERFECTION FLUE CLEANER

and we want to send it to you for **30 days' FREE trial.**

The Perfection will clean welded flues as well as old ones; remove scale from tubes without cutting metal; clean hot or cold flues without changing temper; can be operated by flexible handle.

The knives are always sharp.
Heads are drop steel forgings.
Hundreds now in use by florists.

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Ashland Ave. and 24th St., Chicago, Ill.

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50% SAVED

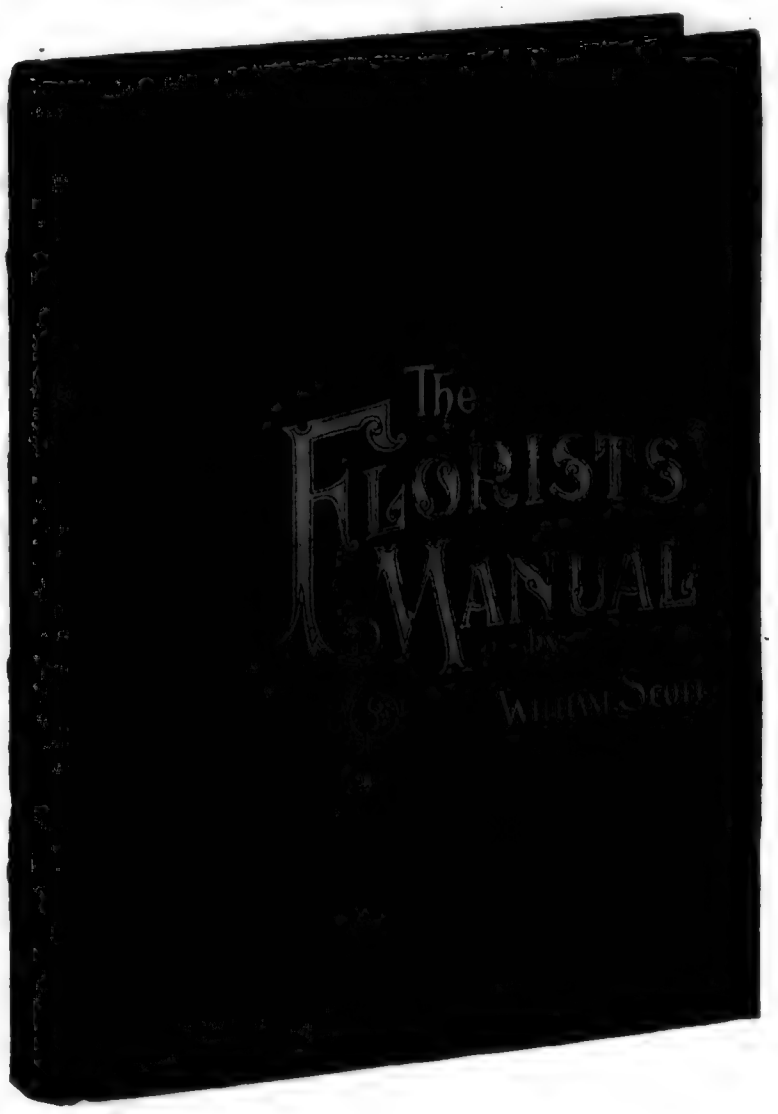
Pipes, Flues

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A Business Book For Business Men

Second Edition

Thoroughly Revised and Brought up to Date

No dry-as-dust botanical classifications, but tells you just how to produce marketable plants and cut flowers in the best and cheapest way.

Treats of over 200 subjects and is freely illustrated with fine half-tone engravings.

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Hot Water Boilers
—Are—
The Most Economical Boilers for Greenhouses

No night fireman required with our Self-feeding Hot Water Boilers.

Send for Catalogue and Prices.

S. WILKS MFG. CO.
2523 Shields Ave., CHICAGO

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More Heating Surface

and less water space than is contained in any other boiler. (Note the many flues set close together.) This is one reason why the users of the

"Superior Standard" Greenhouse Boilers

find them perfectly satisfactory. We frequently receive re-orders from florists who have tested these boilers thoroughly and found them even "Superior" to our claims.

Why not ask for full particulars today? A postal to us will bring a prompt reply.

SUPERIOR MACHINE & BOILER WORKS
Superior and Green Sts., CHICAGO, ILL.

Mention The Review when you write.

from one of the purlins or supported upon a row of posts on each side of the ridge. Three of the return pipes should be on each wall and the others in four coils, distributed under the benches. Give the flow pipes a slight fall, so that the air can escape. Connect the expansion tank with the highest part of the main flow pipe or pipes. For the small houses the same arrangement could be used, except that three 2-inch flow pipes and nine 2-inch returns will suffice. The odd flow pipe should be about two feet below the ridge.

A better circulation can be obtained with a low boiler; hence the horizontal form is preferable.

Brockton, Mass.—Andrews the Florist, who began business at 188 Main street during the present season, secured the contract to supply the decorations for the new Keith theater, at Campello.

Ford & Kendig Co.
"Spellerized" Wrought Pipe

Especially adapted for Greenhouse Work, Fittings, Valves, Tools, etc.

24th and Wood Sts. PHILADELPHIA, PA.

Shadeland, Pa.—Lowry Bros. are building a greenhouse, 30x80, and expect to grow flowers and plants for the trade.

HIGH-GRADE BOILERS

Get Our Catalogue **For GREENHOUSES**
STEAM and HOT WATER

GIBLIN & CO., 109 Broad Street, UTICA, N. Y.

South Hadley Falls, Mass.—Joseph Beach has booked some heavy Christmas orders for his big cut of carnations, which are as fine as any in this locality.

Our prices on HAND MADE

GREENHOUSE GLASS

Are always the lowest. Our qualities are the best.
We are MANUFACTURERS. Write us for prices.

THE COLE GLASS CO., Lancaster, Ohio

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BALTIMORE.

The Market.

It is too early at this writing to sum up exactly the results of the Christmas trade here, but the weather was far from being satisfactory for the last ten days. It rained steadily all day December 22. Saturday was cloudy and on Sunday it snowed and rained the whole day long. For nearly three weeks it has been cloudy, with heavy fogs and only an occasional glimpse of sunshine for an hour or two.

The volume of business was all that was desired and there were plenty of flowers; in fact, so many that nearly every order could be filled in full with just what the buyer wanted. Another thing which looks well for the business is that the stock brought satisfactory prices. Pot plants were in heavy demand, especially ferns, poinsettias and made-up pans.

A curious feature of the occasion was the revived trade in violets. For several years the demand has been normal, but this year, as by one consent, everybody wanted violets, and luckily good stock was plentiful. Some of the growers stocked up heavily with Roman hyacinths and Paper Whites last fall, expecting to reap a harvest at Christmas, but they proved to be disastrous from a financial standpoint, as nobody wanted them at any price. There has not been any market for them at Christmas for several years.

Various Notes.

The Baltimore Florists' Exchange did a business considerably in excess in volume of any preceding Christmas season. Manager J. J. Perry had an extra force of efficient helpers and the transactions of the day were smoothly and expeditiously forwarded, including considerable shipments to out-of-town customers. By the closing hour nearly everything was cleaned up. Q.

Nyack, N. Y.—R. C. Pye has a climbing sport of White Killarney that promises to be a fine thing. The plant is 2 years old and carried the bush form in the first year's growth. This season the plant threw a shoot which at this time is thirteen feet long, an extraordinarily strong cane, full of breaks and blooming freely. The blooms are even larger than usually seen on bush plants. My Maryland has also developed a climbing form, but is not considered nearly so valuable.

SEE THAT LEDGE.
Pat. Sept. 18, 1900



Use Our

Patent Iron Bench Fittings and Roof Supports

VENTILATING APPARATUS
Improved Vaporizing Pans for Tobacco Extracts, Etc.
Send for Circulars.

DILLER, CASKEY & KEEN, S. W. Cor. 8th and Berks Sts. PHILADELPHIA, PA.

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Pecky Cypress

Pecky Cypress is the greatest money saver discovered in years. Will last at least three times as long as any other wood for bench material. We can make immediate shipments at all times from our large stock.

Ship Lap, Drop Siding,
Sheathing, Flooring,
White Cedar
Posts, Etc.

WRITE FOR PRICES.

ADAM SCHILLO LUMBER CO.
Hawthorne and Weed Sts., CHICAGO
Telephones: Lincoln 410 and 411

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Cypress Bench Boards

Small orders cheerfully shipped from Philadelphia yard. Carload shipments direct from mill in the south.

Send us your inquiries.

Stokes Brothers Co., Inc.
30th St. below Chestnut, Philadelphia, Pa.

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The REGAN PRINTING HOUSE
LARGE RUNS OF
Catalogues OUR SPECIALTY GET OUR FIGURE
531-537 Plymouth Place, CHICAGO

For Sale
GLASS, write for prices.

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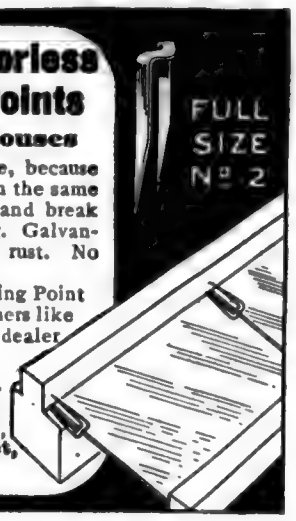
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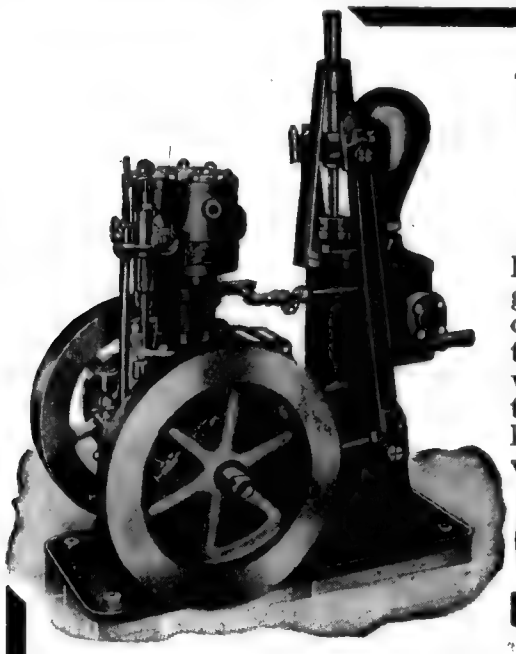
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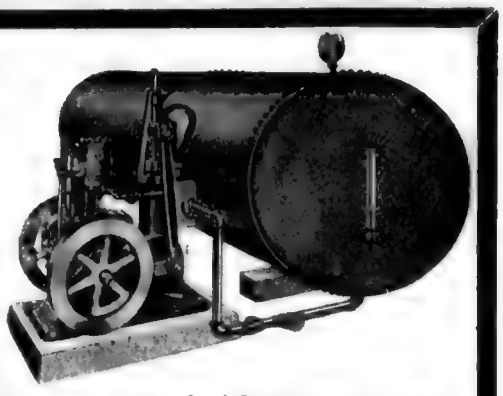


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NEW ORLEANS.

The Market.

Continuous rainy weather for the last two weeks handicapped flowering stock to a great extent, particularly azaleas, only about half of the usual output being in full bloom in time for Christmas. All of the retailers made elaborate preparations, but on account of the abominable weather little buying was done up to December 22.

Christmas eve and the day preceding were ideal and the stores were crowded with buyers till quite late in spite of the fact that it was Sunday. Every indication pointed to beautiful weather for the holiday and the usual clean-up of everything. Immense cut flower shipments arrived from Chicago and in most cases the stock was in good condition.

Club Meeting.

The New Orleans Horticultural Society held its regular monthly meeting December 21, but owing to the rainy weather there was only a small attendance. Owing to the president's absence, Otto Abele occupied the chair. All important matters were held over to the January session, which no doubt will be interesting, as the proposed state fair to be held next fall will be up for discussion.

Richard Eichling, foreman of U. J. Virgin's nursery, made the only display at the meeting, showing some well grown azaleas, poinsettias, Adiantum Croweanum, valley and coleus, for which he was highly commended.

R. E.

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1912

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The Weekly Florists' Review

CAXTON BUILDING

508 South Dearborn Street

CHICAGO

Advertising forms close

TUESDAY

The latest hour at which advertisements, or changes of advertisements, can be accepted is 5 p. m. Tuesday.

Danvers, Ill.—Leo Wellenreiter has added two new sections to his greenhouses, almost doubling the former area of his glass.

Fall River, Mass.—Alma Briggs, formerly of Dighton, Mass., has secured a position in the flower department of Cobb, Bates & Yerxa, in this city.

SOCIETY OF AMERICAN FLORISTS.

PRESIDENT'S APPOINTMENTS.

R. Vincent, Jr., who assumed the office of president January 1, announces the following appointments:

DIRECTORS—THREE YEARS.

Charles H. Totty, Madison, N. J.
John A. Evans, Richmond, Ind.

BOTANIST.

Prof. A. C. Beal, Ithaca, N. Y.

PATHOLOGIST.

Prof. H. H. Whetzel, Ithaca, N. Y.

ENTOMOLOGIST.

Prof. Thomas B. Symons, College Park, Md.

WASHINGTON REPRESENTATIVE.

W. F. Gude, Washington, D. C.

TARIFF AND LEGISLATIVE COMMITTEE.

Frank R. Pierson, Tarrytown, N. Y., chairman.
John G. Esler, Saddle River, N. J.
J. C. Vaughan, Chicago, Ill.
Patrick Welch, Boston, Mass.
J. Otto Thilow, Philadelphia, Pa.
E. G. Hill, Richmond, Ind.

COMMITTEE ON SCHOOL GARDENS.

Benj. Hammond, Fishkill-on-Hudson, N. Y.
C. B. Whitnall, Milwaukee, Wis.
Michael Barker, Chicago, Ill.
William R. Smith, Washington, D. C.
C. L. Seybold, Baltimore, Md.

STATE VICE-PRESIDENTS.

Alabama—W. B. Paterson, Jr., Montgomery.
California—D. MacRorie, San Francisco.
California—Edwin Lonsdale, Lompoc.
Colorado—J. A. Valentine, Denver.
Connecticut—John F. Huss, Hartford.
District of Columbia—O. A. C. Oehmler, Washington.
Florida—C. D. Mills, Jacksonville.
Georgia—A. C. Oelschig, Savannah.
Idaho—J. W. C. Deake, Twin Falls.
Illinois—J. F. Ammann, Edwardsville.
Illinois—Fred Lautenschlager, Chicago.
Indiana—Irwin C. Bertermann, Indianapolis.
Iowa—J. T. D. Fulmer, Des Moines.
Kansas—J. Y. D. Mueller, Wichita.
Kentucky—Aug. R. Baumer.
Louisiana—Harry Papworth, New Orleans.
Maine—Joseph Kirk, Bar Harbor.
Maryland—Robert L. Graham, Baltimore.
Massachusetts—Robert Cameron, Cambridge.
Massachusetts—G. H. Sinclair, Holyoke.
Michigan—E. A. Scribner, Detroit.
Michigan—Elmer D. Smith, Adrian.
Minnesota—S. D. Dysinger, St. Paul.
Mississippi—S. W. Crowell, Rich.
Missouri—W. L. Rock, Kansas City.
Missouri—F. H. Weber, St. Louis.
Nebraska—George H. Swoboda, Omaha.
New Hampshire—R. E. Hannaford, Portsmouth.
New Jersey—W. H. Duckham, Madison.
New York—A. L. Miller, Brooklyn.
New York—C. J. Hewson, Buffalo.
North Carolina—William Rehder, Wilmington.
Ohio—C. E. Critchell, Cincinnati.
Ohio—Charles Graham, Cleveland.
Oklahoma—George Stiles, Oklahoma City.
Oregon—James Forbes, Portland.
Pennsylvania—E. C. Reineman, Pittsburgh.
Pennsylvania—E. J. Fancourt, Philadelphia.
Rhode Island—L. J. Reuter, Westerly.
South Carolina—C. A. Moss, Spartanburg.
South Dakota—E. C. Newbury, Mitchell.
Tennessee—C. L. Baum, Knoxville.
Texas—Eugene Corley, Dallas.
Virginia—J. Guille, Portsmouth.
Washington—Amy L. Lambly, Spokane.
West Virginia—C. P. Dudley, Parkersburg.
Wisconsin—J. E. Matthewson, Sheboygan.
Wisconsin—Nic Zweifel, North Milwaukee.
Alberta—A. M. Terrill, Calgary.
Manitoba—H. E. Philpott, Winnipeg.
Ontario—F. H. Miller, Toronto.
Quebec—George A. Robinson, Montreal.
Panama—William Claus, Paraiso, Canal Zone.

John Young, Sec'y.

AN APPEAL

My Dear Friend:

During the year now opening before us, it is my earnest desire to see our membership increased to its fullest extent, both as to life and annual members. This cannot be accomplished by myself, alone, therefore I seek your kindly assistance. There are hundreds, yes, probably thousands of men in the trade and allied industries, who, if they were personally approached, and the advantages of membership in the S. A. F. and O. H. demonstrated to them, would willingly join our ranks, and this is why I appeal to you to help along our great work. There must certainly be several men amongst your own personal acquaintances who would make good S. A. F. and O. H. members; therefore, I say to you, each individual member, secure new members by your direct personal appeal. (Application blanks will be sent upon request.)

The opportunities presenting themselves at the coming convention to be held in Chicago, August next, in all probability will be the largest in the history of our Society, and the results which we hope to see accomplished at that time will, we trust, make history.

With a large membership present, all striving for the common good, and with the many advantages of our business organization, such a meeting and such an attendance cannot fail to produce a general good feeling, and do much towards bringing a closer affiliation of the different interests and allied societies which have been drifting away rather than toward the parent society.

Much excellent work has been done in the past years by the faithful workers in our various legislative committees; we have already secured many concessions through their work, and we are in the position through our strength and numerical number, to exert a further strong influence for good for opposition to measures deemed prejudicial to the best interests of the trade.

May I ask the officers, vice-presidents and members to commence a little missionary work at once among your fellow florists? I would be glad to see you bring in as many new members as possible; even one new member secured by you will be to your honor and credit. All new members should be reported to John Young, Secretary, 54 West Twenty-eighth St., New York City, who will see that you are credited for members secured.

Thanking you in advance, hoping to meet you in Chicago and wishing you all a Prosperous and Happy New Year, believe me,

Fraternally yours,

RICHARD VINCENT, JR.,
President S. A. F. and O. H.

RAMBLER ROSES FOR EASTER.

Pot roses wanted for Easter, 1912, should be started by the middle of January. Especially is this necessary where growers are unable to give them at any stage of their growth a higher temperature than 50 to 55 degrees at night. It is always best to start them cool, say 45 degrees as a minimum, raising the temperature gradually as the growth advances. Cut away any dead and weak wood and merely shorten back the long, strong canes a little. Bend and twist them around wires or stakes. If tied erect they will break strongly near the top and not at all below; the bending down causes an even break. Plants that were pot-grown through the summer will force the earliest and best; next to these, those potted early in the fall. If potting is delayed until now, it stands to reason that the plants, having few roots in the pots, will break irregularly and weakly.

Allow such pink varieties as Lady Gay and Dorothy Perkins eight to ten days more time than the old Crimson Rambler, and the so-called baby ramblers will come into flower more quickly than any of the climbing section. Where hybrid perpetuals, such as Jacqueminot, Brunner, Frau Karl Druschki and others, are grown, potting up should be completed at once. Prune the strongest growths back to three eyes, weaker shoots to one or two eyes. The hard pruning results in strong breaks. This must never be done with the ramblers, or all the flowering wood will be cut away. Spray freely when first housed, discontinuing it when growths are nicely started.

FIRE AT ONARGA.

There was no happy New Year for the Mosbæk Greenhouse Co., Onarga, Ill., for at noon on the last day of 1911, Sunday, fire destroyed all the service buildings. The greenhouses were little damaged, but the stock was exposed to the storm that was raging and what was not ruined by smoke was destroyed by frost, only a little being saved. The office was destroyed, with all its records; the heating sheds, with contents; the storage rooms, with stock, material and utensils. It has not yet been decided to rebuild, how soon or if at all, although the houses themselves stand in pretty fair shape. The most urgent thing at the moment is to collect outstanding accounts.

CARNATIONS

BENCHES VS. SOLID BEDS.

I should like you to state what are the advantages of benches over solid beds. I notice that, throughout the west, benches are used exclusively for roses and carnations, and as benches cost more than beds, both in erection and for repairs, there must be some grounds for the preference. I should like to get information from some of the leading growers, who have had experience in that line. J. D.

While some growers of roses and carnations prefer solid beds and get good results, the majority favor raised benches. The benches, it is pretty generally conceded, have the advantage in the winter months, when flowers sell at their highest prices. The roots are under somewhat better control, as the soil dries out more quickly, this being an advantage in dull, dark and cold weather. It is possible, however, to grow roses for several years in solid beds, and probably the saving of labor in replanting, combined with the fact that the roses continue to give splendid flowers for a term of years, makes this plan fully as profitable as the raised benches in the long run. Still, we find the majority of growers preferring raised benches for roses.

In the case of carnations, there are some who grow in solid beds and get an excellent pick, even in winter. However, most of the large and successful specialists in this flower, both east and west, prefer the bench system. There is an increasing use of cement to take the place of wood in bench construction. For late spring and summer flowering, solid beds are much the best, but for winter blooming the benches have a decided advantage. The experience of other Review readers in this connection would be interesting and timely. C. W.

SINGLE BLOOMS ON MAY DAY.

Will you please state the reason for May Day carnations coming single and of no value? Last year they did finely, but this year, though the plants are healthy and are making a splendid growth, two-thirds of the buds are coming single. I should like to know whether May Day is liable to act in that way, as our other varieties are doing well and show no signs of anything being wrong with them.

G. R. B.

The variety under discussion has always been in the habit of producing a greater or less percentage of these single blooms. Those who have been careful to propagate only from plants which threw no single blooms have kept this percentage down to a nominal figure, but if you have paid no attention to this in your propagating, you no doubt have aggravated the matter in that way. I have always found that plants which are defective in the way of producing inferior or single blooms usually produce an abundance of growth and lots of cuttings. When taking cuttings, the inexperienced are apt to whack into these plants, thinking that they are getting a fine lot of stock, when really they are ruining their stock. A. F. J. B.

BUDS DO NOT OPEN.

Enclosed you will find a specimen of my carnations. The blooms do not unfold, or, if any do come out, they are sleepy and unsalable. Part of them are on benches and part of them on solid beds, but they all act the same way. What is the matter with them? Please advise me at once, as I fear I shall lose the whole crop. When they first began to bloom, in November, they were fine. J. M. B.

The specimens were quite badly frozen, but there were some thrips in the blooms, and no doubt they are the cause of your trouble. You will find this subject treated exhaustively in recent numbers of The Review.

A. F. J. B.

CARNATION RAINBOW.

The accompanying illustration is reproduced from a recent photograph made at the Wa-no-ka Greenhouses, Barneveld, N. Y. The variety is Rainbow, on the order of Prosperity.

A MIXTURE OF FERTILIZERS.

Would one part wood ashes, one part bone meal and two parts ground sheep manure be a good mixture to apply to carnations? Mine are doing well, but I wish to feed them a little next month. The soil is a clay loam and only a little manure was added to it when the beds were filled. I have never used wood ashes, but am told it will produce stiff stems. M. M.

Do not mix the bone, manure and wood ashes, but apply them separately and at different times. We use no bone on our carnations at all any more, as we were unable to see any benefit from the use of it. If your carnations need feeding, you will find the sheep manure an excellent article for that purpose. Sprinkle a good handful on the soil between each row of plants halfway across a 5-foot bench. Repeat this about once in three weeks if the weather conditions are favorable to a healthy, normal growth. If the stems are weak, about the same quantity of wood ashes, applied about once in six weeks, will help to strengthen them.

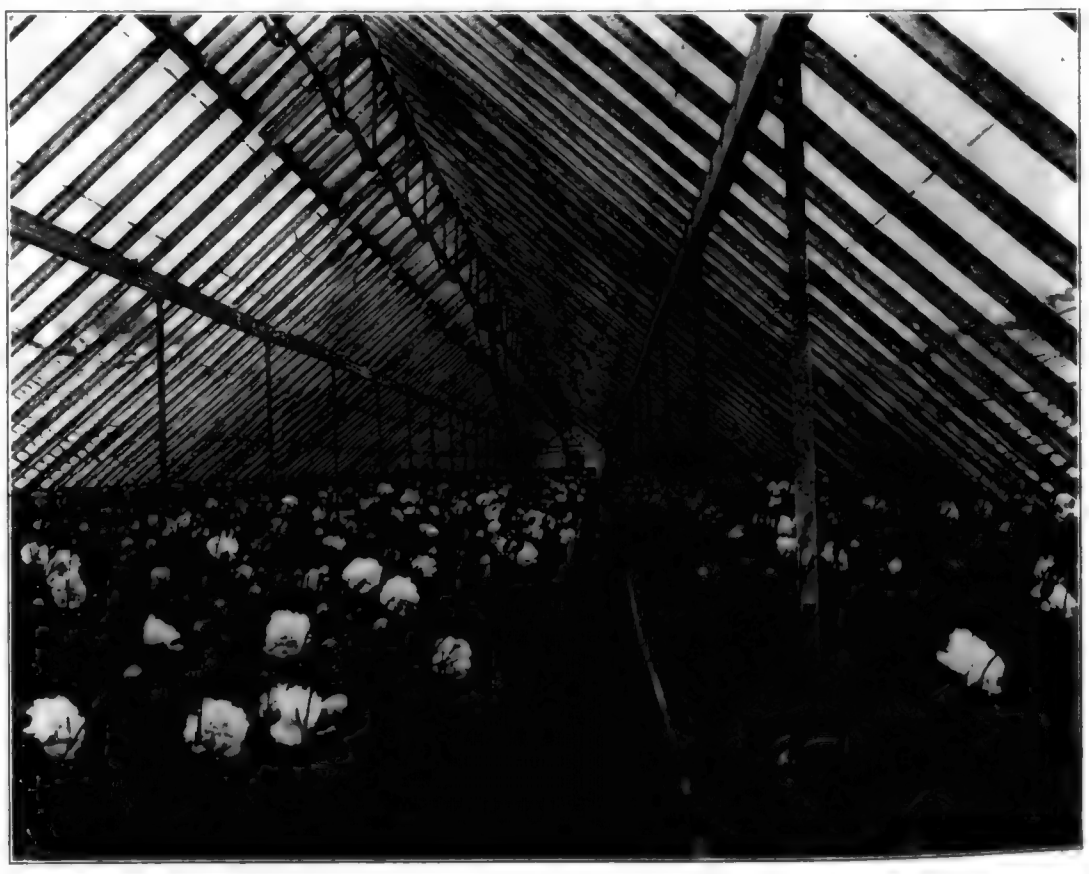
A. F. J. B.

SOIL AND THE FLORIST.

[A paper by Harry F. Good, of Springfield, O., read before the Springfield Florists' Club, December 11, 1911, concluded from The Review for December 28.]

Soils Known by Their Fruits.

The fertility and chemical composition of a soil may usually be determined by inspection of its color and texture, but these qualities, as well as the dryness or moisture and the excess or deficiency of silica and alumina, may be more accurately determined by the prevalence of certain species of wild plants and weeds. You will see the thistle and mullein growing where the purslane could not exist. You will find the nettle and wild snapdragon growing in the alluvial soils along our streams, but not in the uplands. There is a reason. Nature has placed these species where they assimilate from the soil the requirements for their growth and support. We seldom see the giant sycamore on the mountain top or the chestnut in the valley.



House of Carnation Rainbow.

THE DETROIT PROGRAM

The American Rose Society and the American Carnation Society will hold a joint exhibition and conventions at Wayne Pavilion, Detroit, Mich., Wednesday, Thursday and Friday of next week. The programs as supplied by the secretaries of the two societies are as follows:

ROSE SOCIETY

Wednesday, January 10, 7:30 P. M.

A general meeting attended by each society and the Detroit Florists' Club.

Thursday, January 11, 2:30 P. M.

Calling to Order of Thirteenth Annual Meeting by President Adolph Farenwald.
Address by the President.
Reading Minutes of Previous Session.
Secretary's Report.
Treasurer's Report.
Reports of Committees.
Selection of Place for Next Year's Meeting.
Election of Officers.
Appointment of Committees.
Paper by Mr. Otto Koenig, St. Louis, Mo., entitled "Roses in the Mississippi Valley."

A Question Box will be placed at the Secretary's desk for the purpose of receiving for discussion or answer pertinent questions; the same to be opened at the evening session.

Thursday, January 11, 7:45 P. M.

Illustrated lecture by Mr. Robert Pyle, West Grove, Pa., "The Rose as Noticed in Europe."
Paper by Mr. Irwin Bertermann, of Indianapolis, entitled, "Roses in the Middle West."

The Question Box will be opened after this paper.

Adjournment as Business May Require.
Mr. William Dilger is Manager of the Exhibition.

Judges on Roses:

Emil Buettner, Park Ridge, Ill.
Eber Holmes, Montrose, Mass.
Leo Niessen, Philadelphia, Pa.

CARNATION SOCIETY

Wednesday, January 10, 7:30 P. M.

Meeting in charge of the Detroit Florists' Club.

Thursday, January 11, 10 A. M.

Reading Minutes of Meetings not in Annual Report.
President's Address.
Secretary's Report.
Treasurer's Report.
Report of Standing Committees.
Report of Special Committees.
Miscellaneous Business—
Report on Dorner Memorial Fund.
Appoint Committee on President's Address.
Vote on Amendment to the By-laws.
Invitation for Next Meeting Place.
Nomination of Officers.
Paper by Prof. H. B. Dorner on "The Work and Methods of Fred Dorner in Hybridizing Carnations."
Report of the Judges.

Friday, January 12, 10 A. M.

Deferred Reports.
Deferred Business.
Selection of Meeting Place.
Paper by Hugo Schroeter on "Everybody's Flower."
New Business.
Appointment of Committees.
Election of Officers.
Question Box.

Judges on Carnations:

Wm. Nicholson, Framingham, Mass.
C. W. Johnson, Morgan Park, Ill.
R. Witterstaetter, Cincinnati.
E. A. Stroud, Strafford, Pa.
Eugene Dailledouze, Brooklyn.
Joseph H. Hill, Richmond, Ind.

Granite That Crumbles.

A word about alumina may be interesting. It forms the larger part of our earth and is the oxide of the metal, aluminum. It occurs in nature in combination with silica, in connection with other bases. The most common of these compounds is feldspar, a silicate of alumina and potash. This is one of the constituents of granite and several other igneous rocks. Some varieties of these, by exposure to the atmosphere, become completely disintegrated, passing from the hard granite we see in buildings into the soft, crumbling, earthy masses. It is the feldspar which undergoes the change, owing to the action of rain water charged with carbonic acid, which dissolves the potash and some of the silica in the feldspar, leaving the greater part of the silica and alumina still united. Pure clay is white, owing to the dissolution of white feldspar; if red, it contains iron; if dark, it contains vegetable matter. Science has never determined why some of the granites will thus crumble, while others have lasted for countless years.

Different Forms of Alkali.

The alkalis are also interesting in their relation to our soils. Alkalis proper are potash, soda, lithia, rubidium, cæsium, hydroxide and ammonia. Potash is called the vegetable alkali, soda the mineral alkali, and ammonia the volatile alkali. Lime, magnesia, baryta and strontia are called alkaline earth. Alkalis belong to a general class of substances called bases, which are oxides of metals usually combined with water, or compounds containing carbon and nitrogen, called organic bases, all of which unite with acids to form salts. The bitter of alkalis and the sour of acids neutralize each other and disappear when a salt is formed.

As to the alkaloids of plants, some of them are poisonous and others are valuable medicines. All of them are bases; that is, they unite with acids to form salts and in many cases they are used medicinally. All alkaloids contain carbon, nitrogen and hydrogen, and usually oxygen. Some of the most important are theine of coffee and tea, nicotine of tobacco, morphine from opium and quinine from Peruvian bark, as well as strychnine, atropine, cocaine and others.

POINSETTIAS IN KENTUCKY.

Poinsettias appear to have done extra well everywhere this season, but no one has had better success with them than came to reward the efforts of Miss Fannie D. White, whose house, at Lexington, Ky., is shown in the accompanying illustration. The photograph was made a week before Christmas. Within seven days the entire 1,500 plants were sold without satisfying the demand.

SEASONABLE SUGGESTIONS

Cannas and Dahlias.

Of course, it is much too early to start either cannas or dahlias, unless some of the latter are wanted for a spring crop. As to whether they are a paying crop, there seems to be some doubt. Their culture under glass is probably not yet properly understood, but those who have tried a house or two of them say that they do not make them any money. There are good reasons for hoping, however, that indoor dahlia culture may in the near future be carried out on a considerable scale. Look over the dahlia tubers wherever they are stored. This should be done every week or ten days. Remove any decaying tubers, as decay spreads rapidly. In mild weather give abundance of air. This, with a dry atmosphere without the necessity of applying fire heat, should keep the tubers in good condition. Look over the canna roots and cut away any decaying portions. Sometimes these are stored below greenhouse benches, but this is no fit place for them, as they are bound to get more or less drip, and this, added to the humid atmosphere, will start premature growth.

Greenhouse Tubers.

Gloxinias, tuberous begonias, achimenes, gesneras, tydæas and fancy caladiums will all now be at rest. During stormy weather, when other work is not pressing, is a suitable time to shake them out of the pots and pans and store them in boxes or flats until wanted for forcing. Keep the caladiums warm; 60 degrees at night is not too much. The other roots named will keep better in a temperature 10 degrees lower. To prevent shriveling or dry rot in the begonias and gloxinias, pack them in cocoanut fiber or dry sand. In order to secure an early batch of gloxinias, start some of the tubers now in flats of sand and leaf-mold in a warm, moist house. Do not water much until growth starts, and even then it is better to err on the dry side. Pot up before the growths are too strong.

Canterbury Bells.

To have Canterbury bells, as Campanula medium is commonly called, in flower at Easter, plants which were potted last fall should now be given a light, sunny bench in a temperature of 50 degrees at night. They dislike a close atmosphere and like lots of fresh air. If forced hard, their growth will be weak and attenuated. When well grown they are beautiful objects and sell on sight. The single pink and white are the best varieties for commercial purposes. The calycantheum or hose-in-hose variety is also popular, but the doubles are much too heavy.

Dimorphotheca Aurantiaca.

The South African plant, Dimorphotheca aurantiaca, flowers under glass in a shorter time than any other annual I know of. It is of a lovely deep orange color and is in demand at the best class of stores. This season a variety of hybrid forms are offered, including many new colors. These are said to be the finest novelties of the year, and are well worth giving a trial. Probably Arctotis grandis has been used for intercrossing them.

Candytuft.

No crop at Memorial day pays more per square foot of space than well-grown candytuft. To have it of first-class quality, the seed must be sown before February 1 in small pots. Sow several seeds in a 3-inch pot and thin out to three seedlings. Grow in a cold house; 40 degrees at night is sufficiently high; and plant out in beds or benches before the pots become matted with roots. The cooler the candytuft can be grown in the earlier stages, the better in quality will it be. Purchase the finest strains procurable, and the money will be well invested.

Shamrocks.

It is now too late to sow shamrock seed and have salable plants March 17 next. The seedlings should now be large enough to transplant into flats. Give them a cool house; 40 to 42 degrees at night is sufficiently high; and use a rather sandy loam for them. Avoid spraying overhead and cold drafts, as either of these would help to cause mildew, and when once the plants get badly attacked with this they are of little further value.

THE RIGHT DOSE OF CYANIDE.

Some weeks ago you were kind enough to send us a copy of a formula for fumigating with cyanide and sulphuric acid. We have made a number of tests according to the formula and prescription, but we find the result is not satisfactory. With one fumigation, it does not even kill the green aphis, and as for ants, wood lice and such other insects, they seem to grow fat on it. We have repeated the dose and made it a trifle stronger than the prescription, and it killed the aphis but did not touch the ants, mealy bug or wood lice. We tried it in the gardenia and orchid houses. Can you give us any information as to why it does not kill the other insects? We understood that it would kill everything that was breathing, or that was alive. S. & S.

One-half ounce of cyanide, ninety-eight per cent pure, per 2,000 cubic feet



House of Poinsettias at Miss Fannie D. White's, Lexington, Ky.



School Children Getting Plan's for Contest at Establishment of Christ. Winterich.

of greenhouse space, should kill both green and black fly if given an all-night exposure. This is perfectly safe in the cool months, but more hazardous in summer. The chances of injury are always much increased in hot weather, not only in using gas but also in the use of other fumigants.

The formula tried by S. & S. was one that was printed in The Review some time ago and recommended by Prof. John J. Davis, of the Illinois Entomological Department. Nothing was stated in this particular article as to what insects the gas, at the strength named, would kill, but it may be assumed that green and black aphis were probably meant. It needs a considerably heavier dose to kill thrips, spider, mealy bug and scale than is advised for aphis. I know of only one nicotine fumigant which will kill spider or mealy bug and I know of none that will kill scale; all of them will kill aphis and several of them will kill thrips if the dose is repeated.

Quite tender plants will stand a heavy dose of gas in a low temperature, say 40 degrees at night, but the same plants would in most cases be ruined by it in a temperature of 60 to 65 degrees. Gardenias, while grown warm, will withstand a dose of gas powerful enough to destroy mealy bug, but the dose would have to be at the rate of one ounce per 1,000 cubic feet. Thus, a house 20x100, with an average height of ten feet, would require twenty ounces of cyanide to clean out mealy bug, and the probabilities are that all the eggs would not be destroyed even then. It would require a much heavier dose than even this to kill San Jose and other scales.

I have never fumigated for ants, wood lice, roaches, etc. It is probable that many of these might be killed by the gas if they remained in the house while it was being used, but they have the faculty of crawling out of the way when their presence is really desired. Yet it has been proved that the gas, if used sufficiently strong, will rid dwelling houses of their most undesirable insect tenants.

I would advise going slowly in the use of gas in orchid houses. One well known firm almost ruined a house of cattleyas by using it, and I have recollection of another grower who disfigured his fine odontoglossums and miltonias in the same way. It takes considerable time for some of the plants to show the ill effects of the gas, but when once they are severely injured the journey to recovery is tedious. C. W.

WINTERICH, OF DEFIANCE.

Christ. Winterich, of Defiance, O., is widely known in the trade as a cyclamen specialist—Defiance is a fine and prosperous city, but the retail trade isn't enough to occupy all Mr. Winterich's energies. But Defiance doesn't know that the name of Winterich is a household word wherever cyclamens are grown. Defiance knows him best as the man who gives the school children plants to be grown on all summer and then exhibited for prizes at the fall festival. Defiance has another institution of which it is proud. It is the Publicity Bureau. It is in charge of E. S. Bronson—Bronson the Booster. It was Bronson who made, with his little revolving camera, the pictures of Winterich's place reproduced on this page. The kind of stuff Bronson gets off when anyone will let him is this:

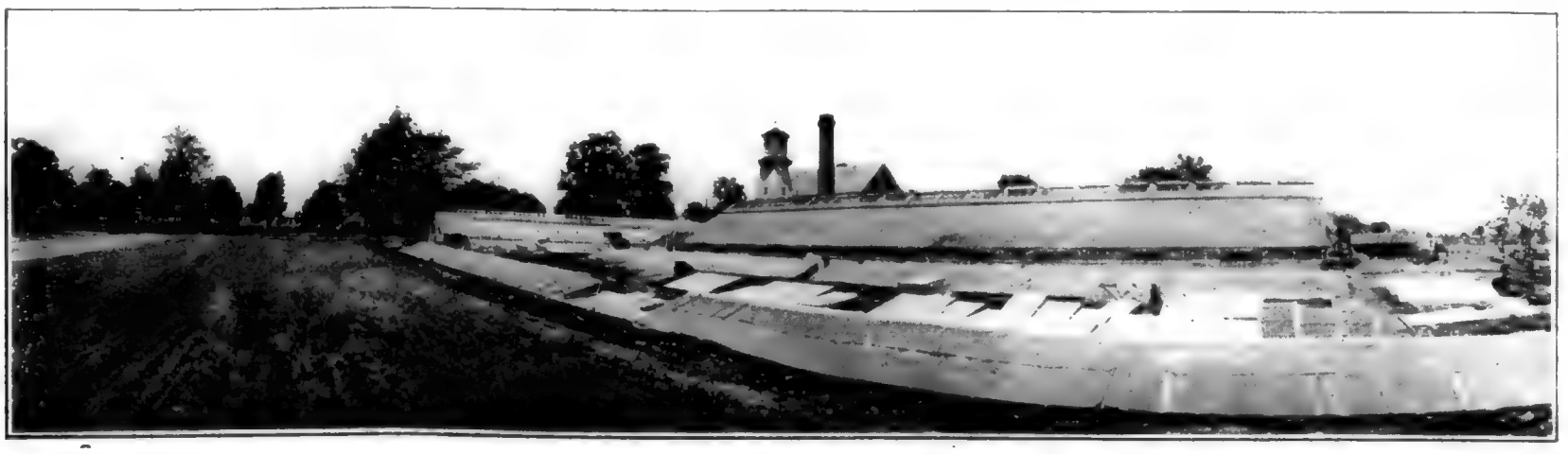
"Permit me to address you regarding what we consider one of, if not the finest of show places in this City of Rivers—Defiance—namely, the Winterich greenhouses, owned and operated under the personal direction of Mr. Christ Winterich, a man whose very nature means progressiveness, and which assertion is most happily and convincingly verified by a glance at the photos sent you by this mail under separate cover, wherein will be seen several hundred little folks standing among the hotbeds with arms full of plants, given absolutely free to them by this progressive florist—they to grow them to as large and fine specimens as possible and then display same for prizes, also donated by this same florist, at our annual fall festival. It goes without saying that such live, wideawake boosting makes a most decided hit with everybody, and it not only proves the biggest and strongest kind of advertising for Mr. Winterich, but also for the fall festival, which is a merchants' affair, and accordingly always provides a flower show as an added feature, which in itself never fails to command its share, and more, too, of the sightseeing crowds, because of its attractive individuality. No wonder the name of Winterich is known in every household in the city. No wonder the Winterich greenhouses prove to be the great show place where Defiance people delight to take friends and strangers for a feast for the eyes and where 'Welcome' seems to pervade the very atmosphere from every nook and corner. No wonder this progressive florist, Winterich, has made a success. Accordingly Defiance is justly proud of Winterich."

WHEN TO SOW SALVIA.

I should like to know when to sow Salvia splendens seed. J. L.

Sown in the early part of March, salvias will be of ample size before bedding-out time. This is a rapid growing annual and becomes too tall if sown earlier. C. W.

Madison, O.—Ben Stimpert has started business here as a florist.



Establishment of Christ. Winterich, Cyclamen Specialist, Defiance, O.



PROPAGATION OF MUMS.

I find it necessary to ask you again about chrysanthemums. Last year I had a little trouble in rooting the cuttings. Now I am about to put away my stock plants and I will ask you to give me a little idea about how to put them away. Should they be planted deep or shallow? Do they need plenty of water or do they want to be kept on the dry side? In your last reply you mentioned that I kept them too warm and that this might be the cause of their not rooting. I notice on my stock quite a number of sprouts that came out of the ground and these are well rooted. Would it be advisable either to pot these or plant them in beds? I should like to get enough so that I can offer some for sale. Will you also give me the names of some late sorts, either white, pink or yellow, that will come in with the Nonin mums, or even later? J. G. K.

In putting away stock chrysanthemum plants, they should be planted a little deeper than when in the beds, and so long as they are to be kept in a semi-dormant condition they should be kept cool and given but little water.

When the cuttings are to be rooted, use clean, sharp sand and avoid a high temperature and overwatering. A temperature of 60 degrees, with about 10 degrees of additional bottom heat, will generally give a perfect stand.

If there are varieties which you wish to multiply extensively, the rooted suckers can be taken off and placed either in beds or boxes of soil. They will give a good many cuttings during the season. Another way would be to divide each of the stock plants into four or more portions, according to its size, and place them in beds or boxes a little deeper than they have been planted. By dividing them in this way it is possible to increase the number of cuttings.

As late white sorts, Chas. Razer, Timothy Eaton and White Chadwick will be satisfactory. Bonnaffon, Golden Chadwick and Golden Eagle are among the best of the yellow sorts. As pink varieties, Maud Dean, A. J. Balfour and Wells' Late Pink might be used.

MUM MRS. DRABBLE.

In a recent issue The Review illustrated Chrysanthemum Mrs. Gilbert Drabble, with a note by C. H. Totty to the effect that it was the most conspicuous novelty at the eastern shows this year and sure to be widely grown as soon as it becomes known. In this connection a note in an English trade paper will be of interest. It is by C. Harmon Payne, who has an international reputation as a chrysanthemum expert. He says:

"No praise can be too extravagant for that wonderful variety, Mrs. Gilbert Drabble, which I regard as the finest of all the Japanese types. Its recent honors are a prize for being the best flower in the show at Paris, as well as being chosen premier at Bradford, the latter place, in the opinion of the growers present, having at its show the finest lot of Japanese blooms that have been seen at any exhibition this autumn. Apart from its size, there is a remarkable richness in the marble white florets, which is usually described as 'quality.' I have seen it growing in several instances, and it seems to matter little whether the plants are strongly grown in a small one—the blooms stand out larger and more massive looking than any other near them. This easy culture will commend itself to the amateur cultivator; and it is not a tall grower. If the variety has a fault it is that the large blossoms take a long time to develop, making it difficult to get them open by, say, November 1; and it would therefore be advisable to make an early start by putting the cuttings in as soon as possible. I may state that one of the blooms which gained the above named distinctions was quite ten inches in depth as it was growing on the plant and it was not fully out when exhibited."



SEED SOWING.

The present is a suitable time to sow a good-sized batch of sweet peas for spring flowering. The increase in the indoor culture of sweet peas is indeed astounding. A few years ago they were unprocurable or not even thought of at Thanksgiving and Christmas. Now they are purchasable in tens of thousands for these two holidays. In fact, there is no holiday in the year when they are not to be had, from either outdoors or under glass, and while we can not approach in quality the superb sweet peas grown, for instance, outside in Great Britain, we can grow extraordinarily fine flowers under glass.

The formation of a National Sweet Pea Society is doing a great deal toward still further popularizing this finest of all annuals for cutting. In Boston next July this society is offering nearly $2,500 in prizes for sweet peas, more than the rose and carnation societies have ever been able to offer, and the end is not yet. I note that even in mid-July prizes are offered for sweet peas to be produced under glass. Here is one way to overcome our hot, droughty summers, which have rendered outdoor sweet pea culture difficult and unprofitable. With big, roomy, well ventilated houses it should be possible to grow them well and profitably in our hottest weather.

For sowing now it is better not to use so many of the so-called forcing varieties, but rather select such sorts as are used outdoors. Of these the following are recommended: Countess Spencer, a splendid seller in the markets; Dorothy Eckford, John Ingman, Lady Grisel Hamilton, White Spencer, Helen Lewis and Miss Willmott. These are all good, reliable sorts. As a general rule, deep pink, white, orange pink and lavender are the best selling colors. The call for scarlet, crimson, maroon, blue and variegated forms is but slight; the pink and white of the Blanche Ferry type, however, are an exception.

Seed may be sown either in small pots, or in rows in the beds where they are to flower. Avoid thick sowing; it will only mean crowded, weakened haulm and poorer spikes than if the plants had more room. The plants should be three or four inches apart, and the spikes are always stronger when even this distance is exceeded. Last summer was hot and dry, which caused the seeds to become well ripened. This makes their outer covering hard, and moisture has so little impression on it that germination will be slower. With new, choice kinds a common plan to assist germination is to cut off a little of the outside shell. It is also a good plan to soak the seed twenty-four hours in warm water before sowing. This will insure quicker germination.

Kankakee, Ill.—A. H. Burt, the south side florist, has completed a new greenhouse, 24x85.



Advertisement in Plants Designed by George T. Duey.

ELECTRIC AD IN PLANTS.

George T. Duey is manager of the Electric Park Greenhouses, at Fort Smith, Ark., and he it was who made the "electric" sign in plants at Electric park. The accompanying illustration shows the bed, which was fifty-two feet long and sixteen feet wide, raised five and one-half feet at the back. The bed contained ninety-two yards of soil and fifteen loads of rock. The border is planted with ageratum and Vinca variegata. The lettering is of alternanthera and Santolina incana, white churt being scattered between the letters to the thickness of a half inch to afford a background. Since the sign was inclined to make it more easily read from the front, the bank at the back had to be taken care of and this was done, as shown in one of the illustrations, by planting it with Asparagus Sprengeri, Vinca variegata, wandering jew, with Boston ferns at conspicuous points. Mr. Duey says the sign has been read by many thousands of people every week and that several business men have so approved this method of advertising that next season there will be a number of floral signs in conspicuous places, advertising the various enterprises of the city.

PURPOSE OF VENTILATION.

Will you kindly answer the following: As I understand the subject, the air in a house should always be in motion during the day, but so quietly that you cannot feel it. This is one of the most important things to consider in growing plants in a greenhouse, as the stoma of the plant has no other way of receiving fresh air. This, as well as keeping the soil cultivated and well drained, is an important aid in preventing the soil from becoming sour. I have seen soil in a violet house become sour after the house had been up only three weeks and the soil was on a level with that on the outside. During the day the sun shines on the south side and makes this glass warmer than on the north side; therefore the air which is nearest to the glass absorbs most of the heat from the sun's rays and, becoming warmer and lighter, must rise and go out at the ventilator; then the cold air that comes in must go down the north side. When there is a sash on the south that opens at the bottom and the sash on the north side is opened at the top and at intervals, this produces a more free motion of the air and it travels down the glass instead of going straight down.

However, the warm bench air comes up between the benches and goes up until it strikes the glass; here it is made cold and comes down. The only place for it to come is on the benches; therefore it has a tendency to cause mildew, or this makes the bottom of the soil warm and the top cooler, which I should think would not be good for plants. This may be one of the reasons why the plants have most of their roots at the bottom of the bench, instead of near the surface, where they would receive more nitrogen from the air. Could this be improved if there were a flow pipe over each bench and two returns? I have found out the way the air travels by hanging black cobwebs in different parts of the house night and day, with the wind in all directions, and they all seem to hang to one side from the moving air. This ought to be a sure sign that the air is constantly moving. H. K.

The principal object in ventilating greenhouses is to allow the hot air to pass out and thus keep the houses at the proper temperature. In midwinter weather there is little occasion for ventilating on cold, cloudy days, as much of the surplus heat passes off through the glass, between the panes, etc. A considerable portion of the air which finds its way into the houses does so through cracks and openings other than those intended for ventilating purposes. While, of course, it is necessary that fresh air enter the houses, bringing with it a supply of carbon dioxide for the plants, as a rule little or no attention need be paid to it.

So far as the ventilators and their arrangement are concerned, about all that need be thought of is to have them large enough and so arranged as to make it possible to regulate the temperature without exposing the plants to strong drafts. Of course ventilation is helpful, also, by allowing the moisture-laden air to pass out, thus drying out the houses.

The movement of the air in a greenhouse, when the ventilators are open, will depend upon several factors, such as the difference in the temperature of the air inside and outside the house, and the force and direction of the wind, as well as the size and arrangement of the ventilators. As a rule, there is an upward movement of the warm air toward the ventilators and a considerably smaller movement of the cold air from outside downward from the ventilators, but neither should be so great as to create a draft.

The admission of too much cold air into a rose house, thus dropping the temperature below 55 degrees, often causes mildew, and if there is a strong



Showing Back of George T. Duey's Advertisement in Plants.

draft the mildew will be all the worse. This is partly because it gives a check to the growth of the plants and partly because it is favorable to the development of mildew.

About the only plants which are known to take in nitrogen through their roots (except, of course, as a nitrate in solution) are the leguminosæ, and the reason for the roots of plants seeking the bottom of the benches is that the soil there is less likely to be wet and soggy and, being better ventilated, the roots can more readily obtain a supply of oxygen.

Sufficient artificial heat should be supplied to permit drying out the soil and prevent its becoming sour, but if this has proper attention and the ventilation is attended to, there should be no trouble either from soggy soil or drafts of cold air on the plants. T.

Ferns

PROPAGATION OF FARLEYENSE.

I should like to get some information regarding the propagation of Adiantum Farleyense. I have a few plants of this fern on hand in 6-inch pots. Would it be best to divide these, or what would you suggest? What temperature suits them best? Could I grow them in the same soil with A. hybridum? H. B.

The best method of propagating Adiantum Farleyense is to divide the crowns into small pieces, cutting off the foliage at the same time, and then to plant out the divisions in sand on a warm propagating bench. The divisions will soon begin to grow, if the conditions of heat and moisture are right, and when they have made one or two small fronds they may be potted off the same as seedling ferns. It is too early to divide the plants now, as they are not ready to go ahead at this season, and it would be better to wait until about the beginning of April.

Adiantum Farleyense enjoys more heat than A. hybridum, for the first-named should not go below 60 degrees at night, while A. hybridum will do nicely at 55 degrees. W. H. T.

CATERPILLARS ON FERNS.

Will you please tell us what we can do to get rid of green worms in our greenhouse? They eat the young leaves on our Boston ferns and do a great deal of damage. M. B.

Hand-picking is the safest method to get rid of caterpillars on Boston ferns, as the dusting of insecticides on the foliage of the ferns will make them look dirty, and consequently they will be unsalable to a critical customer. Putting Paris green on lettuce or cabbage leaves and laying the leaves among the plants may get some of the pests, but it is not safe to use this poison on the fern fronds, from the fact that it is liable to damage the foliage.

A DENVER DESIGN.

The accompanying illustration is reproduced from a photograph of a wreath made by the Gross Floral Co., 136 Sixteenth street. Mr. Gross thinks it pretty good and so, I am sure, will the editor and readers of The Review. M. R. J.

BOSTON.

The Market.

For several days following Christmas cut flower supplies were light. Business also was quiet, but arrivals are now more plentiful and the new year opens with a quite active business. White roses, which were hard to move at Christmas, are selling better, there being many calls for funeral work. The yellow varieties, such as Hillingdon, Ward, Mrs. Waddell and others, continue to sell as well as anything in the market, and there were never so many yellow roses seen in Boston. Some fine Richmonds and Rhea Reids are coming in, and White Killarney are of splendid quality. It is noted that many buyers prefer the old pink Killarney to the newer deep colored sort. Carnations are in good supply and demand, prices being a little better than a year ago. There are still a few straggling mums coming in, but they do not sell well.

Violets are harder to sell, due to the colder weather, which always hurts their sale. Sweet peas are overabundant. Valley of the new crop is good and moves a little better. Yellow daffodils and tulips are not yet abundant and sell satisfactorily, but there is an oversupply of Paper Whites, Romans and campernelles. Of stevia there is far too much. Freesia is of fine quality, but prices have dwindled to half of Christmas prices. Liliums and callas are not selling well, but marguerites are always cleaned up quickly. There are too many calendulas, and of snapdragons and mignonette there are now some splendid bunches seen, as well as some of inferior quality. A few forget-me-nots, bachelor's buttons and English primroses have appeared, and there is an abundance of pansies. The demand for Asparagus Sprengeri and plumosus is good. Plant business, as is usual after Christmas, is quiet. New Year's day saw a good call for violets, valley, gardenias and carnations.

The Detroit Convention.

If all Boston and New England growers who are planning to attend the Detroit rose and carnation convention will communicate with William Nicholson, of Framingham, he will secure berths for them on train 13, called the Wolverine express, which leaves Boston at 2 p. m. Tuesday, January 9, arriving in Detroit at 8:10 a. m. Wednesday. Fare $17.40, lower berths $4, upper berths $3.20. For parties of ten or more traveling together on one



Wreath by Gross Floral Co., Denver.

ticket, fare will be $14.55. Mr. Nicholson hopes to secure a good delegation from Boston and vicinity and quite a few have already expressed their intention of going.

Various Notes.

Johnston Knight, the courteous and obliging manager of the Boston Coöperative Flower Market, was presented with a gold watch and chain December 23 by President John McFarland, in behalf of the growers and salesmen of the market. The present was well deserved and we hope Mr. Knight will be spared many years to enjoy it.

James Wheeler is cutting quantities of superb antirrhinums, the finest I have seen at this season in the Boston market. His big house of carnations is rendering an excellent account of itself, the old Enchantress being grand.

Mrs. W. H. Ward, of Montvale, is bringing in the first forget-me-nots of the season, also excellent freesia, in addition to her usual high grade carnations.

T. J. Benwell, of the A. H. Hews Co., reports business at their big factory as picking up nicely, everything pointing to a heavy spring trade.

Peter M. Miller is in Bar Harbor, Me., this week. The veteran Thomas J. Grey has retired from active service in the T. J. Grey Co. He has earned a rest, as for many years he has been a hard worker. No one locally is better known and respected than Tom Grey, and his acquaintances and friends cover a wide area.

William T. Walke, of Salem, and the Mishawum Greenhouses, of Mishawum, have a fine assortment of azaleas at the Boston Coöperative Market.

Robert Montgomery, of Natick, cut 11,000 roses for the Christmas market. His specialties are Killarney, White Killarney, Richmond and Ward, and his flowers are noted for their high quality.

John Barr, of South Natick, had a tremendous Christmas pick of high grade carnations. His new variegated Mrs. B. P. Cheney continues to render a good account of itself, while Beacon, Pink Delight, White Perfection and others are grand.

A. W. Belcher, of Winthrop, is growin bulbs heavily again this season. He has Paper Whites and Romans in quantity and will soon have an abundance of Golden Spur and other narcissi.

Heliotrope as a cut flower was years ago a prime favorite in the big markets. It comes as a reminder of old times to see the splendid bunches on long stems brought in by F. L. Hardy, of Natick.

Calendulas are becoming more of a winter market flower each year. N. A. Hudson, of Natick, and D. J. Horrigan, of East Foxboro, are each large shippers of these to the Boston Coöperative Market.

William Sim had 50,000 of his high grade sweet peas for Christmas, 125,000 Princess of Wales violets and some thousands of pansies.

The West Street Greenhouse Co. (Keizer & Perkins, proprietors), of Reading, have extra fine carnations, such as White Wonder, Pink Delight, Rose-pink Enchantress and Enchantress, also sweet peas at the Boston Coöperative Market.

The Flower Growers' Sales Co. has the large show window in its new store on Park street arranged with excellent



William J. Kennedy.
(Vice-President Boston Gardeners' and Florists' Club.)

flowering plants and everything is in excellent running order.

James Tulis, of South Sudbury, has large daily shipments of finely grown carnations at the Boston Flower Exchange. His leaders are Beacon, White Perfection, Gloriosa, White Wonder, Fenn, Enchantress and White Enchantress.

The schedule committee of the National Sweet Pea Society met at Horticultural hall December 28 and gave the schedule for the July show a final overhauling. Considerably over $2,000 will be offered in premiums.

Thomas Pegler is receiving from the Willow Hill Greenhouses Freesia Purity of fine quality, also marguerites and callas in quantity. R. D. Kimball, of Waban, is also sending him some fine freesia.

William R. Nicholson, of Framingham, cut seventy-five dozen of his long stemmed Freesia Purity for Christmas and has had daily shipments since, all of which are eagerly snapped up. Mr. Nicholson will go to the Detroit convention and will visit Joliet, where his younger son, Harry, is employed, also Dorner's, Hill's and other leading carnation places ere returning home.

William Caraher, the genial salesman for the Sutermeister estate, of Readville, has excellent pans of L'Innocence hyacinths and Montresor tulips at the Boston Flower Exchange.

January is late for mums, but James Philbrick, of Woburn, still has white and yellow varieties of good quality at the Boston Coöperative Market, also violets in quantity.

L. E. Small, of Tewksbury, has a fine house of bachelor's buttons, from which he has started to pick, also excellent marguerites. His carnations are superb, White Wonder, Gloriosa, Beacon and Scarlet Glow being noteworthy.

Peirce Bros., of Waltham, have lately had heavy sales on their azaleas, cyclamens, poinsettias, crotons and small ferns. They are growing marguerites heavily and had a big holiday pick of carnations. E. A. Peirce will go to Detroit.

F. J. Dolansky, of Lynn, had a splendid plant sale for the holidays. Otaheite oranges, poinsettias and kentias were his specialties. He is cutting gardenias and cattleyas in quantity.

The year closed with a snow storm, followed by rain and a cool wave. December was an extraordinarily warm month, the maximum temperature being 68 degrees. In 1910 it was 53 degrees. In 1911 the minimum was 10 degrees and in 1910 it was 10 degrees below zero. The mean temperature was 24 degrees in 1910, but it was no less than 37½ degrees in 1911. Rainfall for the year was 40 inches, nearly a normal supply; and of this, over 25 inches has fallen since July 1.

Thomas F. Galvin, Inc., has rounded out 65 years in business. They are the pioneer florists of Boston and still at the top. Their two big stores at 124 Tremont street and 799 Boylston street did a tremendous Christmas business.

In a paragraph relating to Lady Hillingdon and Mrs. Ward roses in last week's Review, I was made to say that the former would produce ten flowers to one of the latter. This should have been two to one. W. N. C.

Ames, Ia.—F. J. Olsan, the florist and seedsman, has removed his downtown headquarters to a store in the new concrete Olsan block.

WATERLOO, IA.

The Market.

Christmas trade was all that could be wished for in this locality, although some of the florists claim that it will not surpass last year. The week previous some apprehension was felt regarding weather conditions, but these turned out ideal, which saved a great deal of time and expense in wrapping plants, etc. Advance orders were not quite so heavy as in previous years, the people waiting until the last four or five days to do their buying.

The call for pot plants was extremely heavy; nearly all the growers say they were "cleaned out." Poinsettias sold exceptionally well, considering the fact that this is the first year that they have been grown here to any extent. One firm disposed of several hundred in pots and pans, but the cut ones did not move well until the last minute, the price being put down to $2 and $2.50 per dozen. Holly sold well, but other greens did not move at all.

In cut flowers roses seemed to have the lead, with carnations next, Paper Whites also selling well. Violets, home-grown, as well as those shipped in, were fine and sold without any trouble. Roman hyacinths were not in demand at all. American Beauties that were shipped in from out of town were poor in the extreme, being bull-headed and blue, while Richmonds were extra fine. There were also some poor carnations shipped in. Azaleas and cyclamen were of poor quality, although a few good ones here and there were to be seen. The New Year's trade did not amount to much.

Various Notes.

Charles Sherwood filled every order he received for Christmas in full, not one being sent out short. Mr. Sherwood was more than satisfied with his Christmas trade and said it would easily surpass last year. All of the greenhouse force was shifted to the downtown store to help get out orders, while four delivery rigs were kept constantly on the go for two days. This is the only firm in this locality that enjoyed a good, all-round crop of everything. Roses, carnations, Paper Whites and violets were in abundance. Their carnations started flowering in October and have been in heavy crop ever since, and from present indications it looks as though they will never be off crop during the entire season. Two new rose houses, 28x100 each, erected by this firm last summer and planted to Richmond, Perle, Killarney and White Killarney, have done exceptionally well. For the month of December the 3,000 plants gave them 8,500 blooms of good quality, 2,700 being cut Christmas week. Mr. Sherwood also says that funeral work last week was heavy and that business for 1912 is starting out well.

Crittenden & Daniel report that they did a tremendous business and that they sold out everything. Their carnations were in full crop for Christmas. They have discontinued the growing of roses, on account of there being so much smoke in their district.

The New York Floral Co., a Greek concern, which opened up here some time ago, says that business has been good, and that they disposed of pretty nearly everything they had on hand.

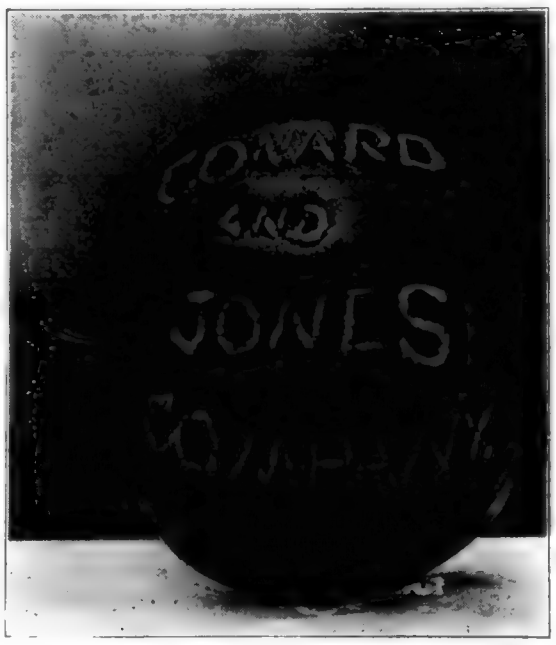
Joseph Bancroft & Son, Cedar Falls, state that Christmas trade was good, but that it would not exceed that of last year. In addition to their heavy plant and cut flower trade, a tremendous business was done in holly and Christmas trees. Their roses and carnations were off crop for the holidays, but at this writing are coming along pretty well.

L. S. H.

A CHRISTMAS PUMPKIN.

An enormous pumpkin attracted attention at the postoffice at West Grove, Pa., at Christmas, not only for its size but for the inscription it carried. The local paper gave it this notice:

"If Harvey M. Cook, Avondale, expert agriculturist, would collaborate with Wizard Burbank, of California, and Antoine Wintzer, rose propagandist of West Grove, the mind fails to conceive of the wonderful results of which the trio are capable. Mr. Cook, proprietor of Avon-Mohr farm, Avondale, has grown and now exhibits at the West Grove postoffice a marvelous Christmas pumpkin, across whose flaming, fat, yellow side are emblazoned the words 'Conard & Jones Co., West Grove, Pa.' The process of growing such letters as he desires on fruit and vegetables is a secret owned exclusively by Mr. Cook.



A Christmas Pumpkin.

His compliment to the Conard & Jones Co. is in recognition of their world-wide fame as rose and flower specialists, and their unrivaled propagandist, Mr. Antoine Wintzer."

PROVIDENCE.

The Market.

The Christmas holidays are gone, but in their trail they have left a general satisfaction among the florists and a promising prospect for continued prosperity for the next few months to come. Never in the annals of floriculture in this vicinity has there been such a volume of business and good reports come from all sides. As at Thanksgiving, practically everything was sold to the limit, with prices slightly above normal. The growing tendency to buy potted plants at such times was again emphasized and the demand fully equaled the supply. Everything red sold out at sight and the demand was unsatiated.

The week succeeding Christmas has also been a busy one, because of several large funerals and the unusual number of coming-out functions, together with other festivities. For the New Year's celebration there has also been an unusual demand.

Club Meeting.

The regular monthly meeting of the Florists' and Gardeners' Club of Rhode Island was held at the rooms of the association, December 25, but owing to the holiday the attendance was small. The newly elected officers were at their stations. Cornelius Hartstra read an interesting paper on flowers that could be used for general purposes but which are not generally grown by commercial florists. This provoked a long and instructive discussion. The committee on the annual banquet of the club reported that it would be held at the rooms of the association Monday evening, January 15, and that arrangements were progressing satisfactorily.

Various Notes.

William Jurgens, of Newport, was a visitor in this city last week, following a visit to New York city.

Dexter E. Newell, of Attleboro, Mass., who recently inherited considerable property from a brother, has leased his range of greenhouses to J. Ockert, his former foreman.

Joseph Kopelman is cutting some extra fine Killarney, White Killarney and My Maryland roses at his greenhouses at Oaklawn. He reports the biggest business in his experience during the Christmas holidays.

James Dillon, of Swan Point cemetery, who has been on the sick list for some time, is reported as improving.

William J. Stewart, of Boston, called upon a number of his friends in this vicinity recently.

During the gale which swept across this state last Thursday, a large plate glass window in the front of Macnair's store was blown in.

Thomas Curley supplied a choice lot of poinsettias in plants and cut blooms for the local market for Christmas and they found ready sale.

Oscar J. and Charles J. Schultz, florists of Newport, have the sympathy of the trade in the death of their father, Charles J. Schultz, in that city December 23.

Miss Florence Willard, of the Hope Greenhouses, recently purchased several hundred dollars' worth of orchids, principally cattleyas and oncidiums. Her cut of orchids during the holidays was good.

Thomas J. Johnston & Co. have been driven by special decorations and large funeral orders, in addition to transient and store business during the last few weeks.

N. D. Pierce, at Norwood, has a fine house of sweet peas which are just ready to cut.

Lawrence Hay, of East Providence, had the flowers and decorations for a large coming-out party last week and those for a number of smaller similar functions.

Mr. Scott, of the Westminster Greenhouses, reports the biggest Christmas since he has been in business.

The Maplehurst Greenhouses, William C. Pratt & Son proprietors, at Long Meadow, are rapidly getting into shape. One house, 23 x 120 feet, has been completed and planted with carnations and sweet peas. E. A. Mallette,

formerly florist and greenhouse superintendent at the Rhode Island College at Kingston, is superintendent.

Nelson Taft recently completed the installation of a large sized Putnam boiler in his range on Hartford avenue, this city.

Johnston Bros. had the decorations for several society functions recently.

John Urquhart, of Newport, was a visitor in Boston recently.

Edgar Nock is just finishing a large orchid house and intends going into this line of propagation extensively.

H. C. Neubrand, with W. S. Pino, was on the sick list recently for several days.

F. Deitz has just received a large consignment of bulbs for Easter forcing. He took two large funeral designs to Worcester, Mass., last week.

John Allan, of Newport, paid a visit to friends in this city recently.

W. H. M.

BERGER'S NEW STORE.

The accompanying illustration is reproduced from a photograph taken just before Thanksgiving in the new quarters of Berger Bros., in Philadelphia. The quickness of the photographer has caught the modest Harry Berger in the very center of the picture, while engrossed with business. John Berger is at the left, his smile showing that he has just completed one of those famous chrysanthemum deals. A survey of the scene will convince one that the atmosphere of business is here; the young man at the telephone who could not wait until the picture was completed, the earnestness on the faces of those who were interrupted for a moment in their conversations are clear proof. The scope of the firm's transactions is shown by a map on the office wall, whereon may be seen the great lakes clearly delineated. Paul R. Klingsporn was unfortunately called out on business just before the picture was taken, while William Stevens, who represents John Burton, is around the corner closing a Beauty deal. Phil.



New Store of Berger Bros., Philadelphia.

NEW ORLEANS.

The Market.

Although the Christmas trade of 1911 was no record breaker, the sales altogether amounted to more than the florists anticipated, and in the line of flowering plants, with the exception of a few poinsettias and Lorraine begonias, a general clean-up was reported. Azaleas brought high prices, and a good many more in medium and large sizes could have been sold if on hand. Ferns, palms and made-up baskets found ready buyers. Home-grown roses and orchids, as well as the immense stock of seasonable cut flowers which were received from Chicago and other cities, and which were all of high quality, sold well at a reasonable profit. Several carloads of Christmas trees were handled by the local florists and only a few are left. On Christmas day it rained constantly, but nevertheless all the stores kept up a rushing business until evening. With more favorable weather, the business for that day would have been the best ever recorded.

Many sales were made during the last week and several big funerals helped to clean up incoming stock so as to make room for the big New Year's day trade, which consisted mainly of put up cut flower boxes and a few flowering plants. With all the storekeepers the New Year's business amounts to a great deal, especially in case of fair weather.

On account of the continued rainy season, all outdoor work is greatly handicapped, and the landscape gardeners, especially, are naturally disgusted. Some of the local florists are picking their first Paper White narcissi and Roman hyacinths, which are of good quality, and in a short time there will be enough on hand to fill all demands.

Various Notes.

U. J. Virgin had a large and elegant display of flowering and foliage plants, besides his usual immense stock of cut flowers and Christmas trees. He did a rushing business.

The Metairie Ridge Nursery Co. had a most beautiful display in the large show window and store. They report that the sales eclipsed those of any other year. They disposed of a carload of Christmas trees.

C. W. Eichling's Avenue Store never looked more attractive for the holiday trade and hardly anything was left of the big and fine stock of plants and cut flowers.

Charles Eble reported a record sale for Christmas, both in plants and cut flowers.

J. A. Newsham had a gorgeous display of orchids and other seasonable flowering and foliage plants. His business for 1911 was far ahead of any other year, especially in the line of orchids.

Abele Bros. were well prepared to meet the demands and were well satisfied with the business done.

Peter Chopin did a rushing business and nearly cleaned out his big stock of plants and cut flowers.

Herman Doescher had a fine lot of poinsettias and other seasonable plants, of which he readily disposed at a good figure.

A. Alost carried the largest stock of Christmas plants in years and reported a splendid business.

Henry Rehfeld, the cemetery florist, was well satisfied with the Yuletide trade, considering the rainy weather.

Mrs. Carrie Rehm's show houses made a striking appearance in their holiday attire. The business was the best in years.

The Frank Floral Co. had a fine assortment of plants and cut flowers, besides a big stock of artificial baskets. Their business exceeded all expectations.

Mrs. Charles Eble, wife of the well known florist of this city, died last week, at the age of 51 years. Further particulars will be found in this week's obituary column. R. E.

KANSAS CITY, MO.

The Market.

We enjoyed the grandest Christmas trade we have had in twenty years. The weather was most delightful, and on Saturday afternoon palms and ferns for decorating were delivered in the open air without any protection. This weather brought out everybody, and the florists had all they could do to wait on their customers. As usual, potted plants and fancy baskets took the lead. Poinsettias sold best, followed by cyclamens, which were in great demand. This market was well supplied with home-grown plants, although some of the stores shipped in quite a lot. Azaleas sold fairly well at good prices. Lorraine begonias sold well at a medium price, but the $10 customers were scarce. Cinerarias were not in good demand, but good plants sold at $1 each. There was a good demand for well grown Boston ferns ranging in price from $1.50 to $5, but there were only a few palms sold. There was little call for araucarias. "Too much like a Christmas tree," was the remark. There was a big demand for fern dish ferns and the supply of them ran out before Monday.

In cut flowers there was a big call for Richmond roses and the supply soon ran short. By Monday there were but few to be had, and prices ran up to $10 per dozen. The calls for Beauties were few, as the price was too high. Killarneys sold well at $2.50 to $5 per dozen. The white also sold well.

Carnations were in good supply and prices ranged from $1 to $2.50 per dozen. Red brought the best price, as the call was heavy for them. Narcissi were in oversupply and were sold as low as 50 cents per dozen, but Romans were scarce. Valley sold well and was fine. Violets were plentiful at $1 per bunch or $3 per hundred and stevia sold well. Cut poinsettias went rapidly at $5 and $6 per dozen.

Greens were plentiful, but the demand was slow. Holly, holly wreaths and wild smilax were plentiful, and the demand for them was good. There was an oversupply of trees, but the call for short, bushy trees could not be filled. The sales on Christmas day were the best in twenty years for some of the flower shops.

Various Notes.

A visit to R. S. Brown & Son found everything in good growing condition. They have been quite successful with Lorraine begonias this season and will devote a new house to the growing of them next summer. Mr. Brown is much interested in producing new varieties of coleus. He already has some good varieties. Their begonias are the largest collection in this state and every new variety is tested at once. They will replace two of their old houses this summer by more up-to-date structures.

Nelson Jarrett is quite busy propagating for spring trade.

Miss Jennie Murray is well pleased with her Christmas trade. She had a good supply of everything.

The Peterson Floral Co. reports an extra good trade, with cut flowers as the best sellers. As much as $2.50 per dozen was obtained for good red carnations.

Joseph Austin reports a splendid trade, better than last year. His trade was about evenly divided between cut flowers and plants.

Arthur Newell claims his trade was extra good. Plants sold best, as the price on American Beauties was too high and his customers would not stand for it.

Mr. Freudenthal reports a splendid trade. Saturday was his best day.

One of our growers forced too many narcissi for Christmas and was forced to dump them into a large grocery, where they were sold at 50 cents per dozen.

Samuel Murray had a fine showing in his window, which was made by well grown poinsettias. His Lorraines were extra large and fine. W. H. H.

OBITUARY.

Thaddeus Clarke.

Thaddeus Clarke, a resident of Woonsocket, R. I., died at the Rhode Island hospital, Providence, December 29, from a complication of diseases. He was 76 years of age and was noted as a landscape gardener. He was born in County Cavan, Ireland, and came to this country when a young man. He was married fifty-five years ago, his wife dying forty-one years later. Six children resulted from the union, five of whom are living.

Francis H. Manchester.

Francis H. Manchester died suddenly of apoplexy December 23 at his home, 65 Constitution street, Bristol, R. I., while sitting in a chair and apparently in his usual health. Mr. Manchester was one of the best known private gardeners of that town. He was conversing with members of his family when he was stricken. He is survived by a widow and four children, a son and three daughters. He was born in Bristol, December 20, 1833. When a young man he went to Long Island, N. Y., where he remained for many years engaged as a private gardener.

Mrs. Charles Eble.

Mrs. Catharine Wagner Eble, wife of Charles Eble, one of the best-known florists in New Orleans, La., died recently at her home, 1503 Upperline street. Her death was a great shock to her family and friends, as she had been ill only a few days. She was a popular lady in her circle of friends, and was devoted to her family. A few days before her death she visited Canal street with her daughter, Miss Corinne, and on returning home complained of not feeling well. She grew worse and physicians and a nurse were summoned, but despite the efforts made it was impossible to save her life. Two years ago she suffered from a stroke of paralysis and she had never fully recovered from its effects.

Mrs. Eble leaves to mourn her death, besides her husband, three children, Corinne, Charles and Bernard. She was a member of St. Stephen's Catholic church. Besides her relatives in New Orleans, she has others in Buffalo, Pittsburgh, Cleveland and other cities. She was a native of New Orleans, and was 51 years old. She was interested in charitable work and was a woman of cheerful and pleasant manners, and her loss will be felt by a large circle of friends. The funeral was attended by many members of the Horticultural Society, and a large number of beautiful floral offerings were sent by sorrowing friends.

C. L. Cross.

C. L. Cross, prominent in lumber circles, died December 31, at his residence in Riverside, Ill. Mr. Cross was 56 years of age, born in Binghamton, N. Y. He came to Chicago in 1857, and was educated in the public schools and the old Chicago university. He was formerly president and trustee of the village of Riverside, a member of the Chicago Association of Commerce, director of the Lumbermen's Association of Chicago and a member of the Union League club. A few years ago he became known to florists through his work to demonstrate the usefulness of pecky cypress. It is largely the result of Mr. Cross' exploitation that this grade of cypress now is so widely used in the trade.

J. F. Stockdorf.

Julius F. Stockdorf, for many years a florist at Leadville, Colo., but afterward a resident of Denver, died December 19 at his home, 1415 Corona street, Denver, at the age of 86 years. He made his home in Denver in 1866 and became noted as the builder and owner of hotels. In 1879 he removed to Leadville, where he was in business as a florist for twenty-two years. In 1901 he retired from business and returned to Denver. He is survived by a son, Emil Stockdorf, and by two daughters, Mrs. Effie McLister and Miss Bertha Stockdorf.

Gervase Pfordt.

Gervase Pfordt, a well-known florist of the north end, in Albany, N. Y., died recently. Funeral services were held at the family residence, 897 Broadway, and at the Sacred Heart church. The interment was at St. Agnes' cemetery. There were many beautiful offerings of flowers.

HUMFELD AMONG THE RABBITS.

Simon Humfeld, of Muncie, Ind., who recently sold his interest in the Muncie Floral Co., is enjoying a hunt at Clay Center, Kan., where he has a brother. Jackrabbits are plentiful, as the accompanying illustration will show. In one day's hunt thirty-five rabbits were bagged. Chases with greyhounds have made exciting sport.



Humfeld and the Rabbits.

Salem, O.—V. A. Cowgill, the Garfield avenue florist, recently showed his enterprise as an advertiser by announcing prominently in a local newspaper that he had leased the Garfield avenue street car for the following Saturday, and that those who so desired could obtain free transportation to his greenhouses during that day by simply stepping into the street car and informing the conductor as to their destination.

NEWS, NOTES AND COMMENTS

READERS ARE INVITED TO CONTRIBUTE ITEMS FOR THIS DEPARTMENT.

Rutland, Vt.—A new store, to be known as The Flower Shop, has been opened in the building at the head of Cottage street on West street.

Glen St. Mary, Fla.—The Glen St. Mary Nurseries have purchased an additional tract of land, comprising about 1,000 acres, and will greatly extend their nursery business.

Lowell, Mich.—The greenhouses of E. L. Kinyon, formerly located three miles out in the country, were removed to town before the beginning of the winter season, and an excellent business is being done at the new site.

Virginia, Minn.—Alfred Johnson, who began business here in a modest way about six years ago, now has a modern, substantial range of greenhouses, containing about 14,000 square feet of glass. He grows both flowers and vegetables.

Spokane, Wash.—An order has been placed by the park board for material for a large new greenhouse at Manito park. The work of construction will begin about March 1, under the direction of Superintendent of Parks John W. Duncan.

Middletown, Conn.—Henry Koehler, who now has charge of the establishment on Ferry street that was conducted for many years by the late Henry Beebe, is a florist of wide experience and is pushing the business with energy and success.

Reading, Pa.—E. H. Beears, of the Rosedale Greenhouses, estimates that the demand for flowers at Christmas and New Year's was heavier than it has been for many years. Harry J. Huesman and other local florists were also unusually well pleased with the holiday trade.

Des Moines, Ia.—It is said that Lozier The Florist recently gave rather unusual proof of his dependability in the delivery of flowers. Finding that a bunch of flowers which had been ordered for a funeral at Leon, Ia., would not be likely to arrive in time if sent by railroad, he engaged a man to make the trip, a distance of more than 100 miles, on a motorcycle. The flowers were ordered by O. E. Hull, Mr. Lozier's agent at Leon.

Fort Smith, Ark.—Geo. T. Duey, of the Electric Park Greenhouses, has opened a downtown store, which he is conducting under the name of Quality Flowers. The store is in charge of Geo. W. Rye, formerly with A. A. Pantet & Co., who have retired and passed their trade over to the Electric Park Greenhouses. Christmas business was more than could well be handled and scarcely a bloom was left unsold. Mr. Duey was so busy that, as he says, he "did not even have time to think."

Jamaica Plain, Mass.—John J. Fee, the Forest Hills street florist, has received 400,000 bulbs of various sorts from France, Germany and Japan.

Wheeling, W. Va.—A Langhans has converted his E-M-F touring car into a light delivery auto, which is doing good service and makes quite an attractive vehicle.

Hyannis, Mass.—Samuel W. Hallett has opened a new flower store on Main street, where he will handle plants, flowers, fertilizers, garden tools and nursery stock.

Memphis, Tenn.—The Hernando Floral Co. reports a fairly good Christmas business, with all salable stock pretty well cleaned out, in spite of the somewhat unfavorable weather.

Virden, Ill.—Anton Cioban, of the Virden Greenhouses, says that his Christmas and New Year's business was unquestionably better this season than in the previous two years.

Fort Madison, Ia.—Christmas trade at J. M. Auge's showed an increase of ten per cent over that of any preceding year. Plants and wreaths were the best sellers. The fineness of the weather was a great advantage.

Salt Lake City, Utah.—H. F. F. Thorup, on East Eighth South street, does not report any extraordinary amount of Christmas sales, but says that the florists' business compared favorably with other lines of trade.

Sedalia, Mo.—The Archias Floral Co. was highly pleased with the Christmas business, pronouncing it the best in the firm's experience. All cut flowers and all salable azaleas and other blooming plants were disposed of at fair prices.

Parkersburg, W. Va.—J. W. Dudley & Sons say that Christmas trade was about fifteen per cent better than the previous year. Medium priced baskets were leaders, with azaleas, begonias and cyclamens as the best plant sellers. Cut flowers of all kinds were plentiful, but violets held the lead. Holly was scarce and poor in quality, but ground pine roping and boxwood wreaths were in great demand.

Port Huron, Mich.—Matt. Ullenbruch, the well known florist of this city, was handsomely remembered on Christmas day by the members of the Grand Trunk Shops Horticultural Society, at Battle Creek. John C. Garden, who is president of the shops horticultural society, presented to Mr. Ullenbruch, in behalf of the members of the society, a solid mahogany rocker. Mr. Ullenbruch has always taken a great interest in the shop men, has given them much practical assistance and is highly esteemed by them.

Nappanee, Ind.—"This was our third Christmas here," says C. A. Doswell, "and business was exceptionally good."

Grand Rapids, Mich.—Peter Kunst, Jr., of the Crescent Avenue Floral Co., went to Salt Lake City on business January 2.

Ottawa, Kan.—The Lester Greenhouse reports Christmas trade better than ever this year, the plant sales being particularly good.

Rapid City, S. D.—Reimers Bros. have recently completed a new Moninger greenhouse, 20 x 80, and say that Christmas business was fine.

Oshkosh, Wis.—Fugleberg & Flister say that trade has been good all fall and that Christmas business was particularly fine.

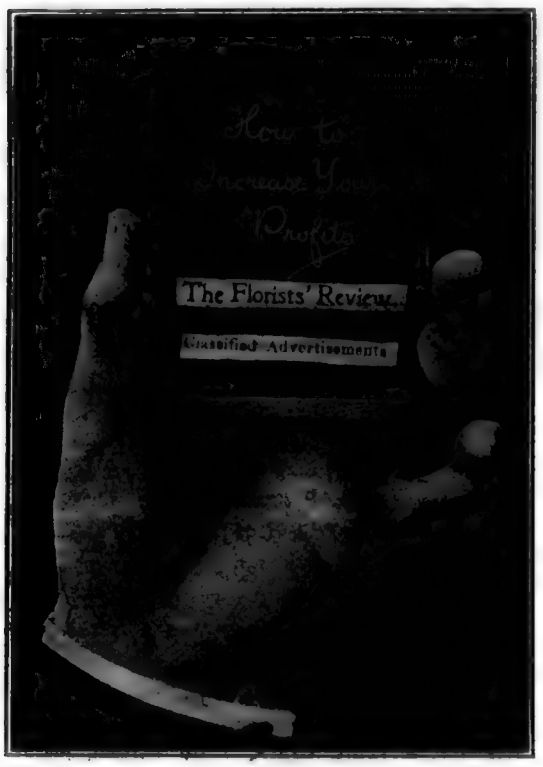
Great Barrington, Mass.—Frank Elsner, who completed his work as a florist at Brookside the first of the year, will move with his family to Pittsfield, where he will follow the same line of work.

Pittsfield, Mass.—Rudolph Mauersberger, proprietor of the Holmes Road Greenhouses, leased a vacant downtown store for use during the Christmas holidays. Mr. Mauersberger was landscape gardener on the Parsons estate at Lenox for many years.

Germantown, Pa.—R. Jamison & Son say that, though Christmas and New Year's trade was excellent last season, it was still better this year. Their poinsettias and azaleas, of which they had a large supply, were all sold at good prices and the demand was still unsatisfied.

McMinnville, Ore.—S. H. Maris, of the Pioneer Greenhouses, says that Christmas trade was good in all departments—flowers, plants and vegetables. Carnations were in heavy crop and were sold out clean. Plants and made-up work showed a gain of 100 per cent over last year. Trade, he says, was heavier than usual throughout the fall, and at the date of his report there had been no winter, aside from a few light frosts. Consequently the florists and gardeners were in good spirits.

Pierre, S. D.—The dwelling and contents owned by Herbert D. Enoe, proprietor of the Capitol Greenhouse, was destroyed by fire December 7. The house also contained florists' supplies valued at $1,000, practically all of which were ruined. Fortunately the boiler, which also supplied heat for the greenhouses and which is located in the basement, was uninjured. Following closely on the withdrawal of Boyd M. Barney, a former partner and coworker, this disaster has been a serious blow to Mr. Enoe.



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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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SOCIETY OF AMERICAN FLORISTS.

Incorporated by Act of Congress, March 4, 1901.
Officers for 1912: President, R. Vincent, Jr., White Marsh, Md.; vice-president, August Poehlmann, Morton Grove, Ill.; secretary, John Young, Bedford Hills, N. Y.; treasurer, W. F. Kasting, Buffalo, N. Y.
Annual convention, Chicago, Ill., August 20 to 23, 1912.

RESULTS.

We give them. You get them.
We both have them.

IN the year just closed The Review carried a total of 5,338 pages. The white paper consumed in the printing weighed slightly more than 185 tons.

NOT a few subscribers save themselves the bother of annual renewal by sending The Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

THERE is a growing sentiment in favor of a law prohibiting railroads to own stock in express companies, or one express company to own the stock of another—but the recent convention of the National Association of Railway Commissioners brought out another idea. It was proposed that the railroads be compelled to take over the express business and carry it on at reasonable rates. It was shown, in the case of two railway companies now receiving under their contracts with the express companies fifty-five per cent of the gross revenue, that the cost of conducting the business in the case of one of these roads is 37.45 per cent of the gross amount received, and in the case of the second road the cost is 41.8 per cent of the gross amount received. In other words, the railroads pocket as profit more than half but not quite two-thirds of their income from the express business.

NAME OF PLANT.

Can The Review give me the name of a shrub of which I am forwarding a sample in this letter? The shrub is about three feet tall and hardy in New York state. J. L.

Euonymus radicans variegata.
C. W.

NATIONAL SWEET PEA SOCIETY.

At the meetings of the schedule committee of the National Sweet Pea Society, Saturday, December 9, and Thursday, December 28, 1911, President Sim presiding, the preliminary schedule for the annual exhibition and convention to be held in Boston, in conjunction with the Massachusetts Horticultural Society, July 13 and 14, 1912, was arranged and ordered printed. The total amount of this schedule is nearly $2,500 and much enthusiasm was shown at the meetings, the prospects being that it would be the largest exhibition of sweet peas held anywhere, providing the weather conditions are favorable.

The list, which is an exceedingly comprehensive one, covering eight closely typewritten pages, will be ready for distribution in a few days and copies may be had by addressing Harry A. Bunyard, secretary, 342 West Fourteenth street, New York.

CHICAGO.

The Great Central Market.

There was no shortage of stock between Christmas and New Year's, but demand was fairly active, so that there was no surplus. Shipping trade was excellent for New Year's and the market was well cleaned up. The local demand was not so good as it would have been if the weather had been more favorable. December 30 there was rain and snow. Sunday the old year went out to the accompaniment of a genuine blizzard. New Year's day was cold but bright and enough business was done so that many of the retailers kept open all day. Nearly all the wholesalers kept open all day Sunday, as they had the Sunday before Christmas.

The special Christmas demand for red also was apparent at New Year's, the only shortages being Richmond roses and red carnations. Beauty crops, which with some growers were just a little late for Christmas, were coming on strong enough so that there was no trouble in filling New Year's orders. The prospect is that Beauties will be plentiful and cheap for the next couple of weeks. Killarneys were plentiful all last week. The long-stemmed White Killarney made more or less trouble, just as they did at Christmas. The principal demand for white is for work and the greater part of the supply for some weeks has been of a grade too long for work.

Between Christmas and New Year's carnations held up rather better than roses. During the first half of this season carnations have not come in so strongly as usual. Nor have they been in special request, the result being that the carnation has been a rather less important factor than usually has been the case. The new year starts with quality excellent.

After Christmas the violet growers ship lightly, for they need to save up for New Year's. The wholesalers who had carried violets over from Christmas, instead of slaughtering prices, were able to clean up at fair money. The violet is in special request at New Year's, but the bulk of those that came in New Year's eve were on advance orders. The prices were nearly the same as at Christmas. There was a New Year's flurry in valley. Cattleya Trianæ is coming in much stronger. Percivaliana is on the wane. The glut of Paper Whites is said to be over. Lilies are not abundant, but the buyers have become so accustomed to low prices that it is difficult to make an

CAN SUPPLY FANCY BEAUTIES

ANY LENGTH OF STEM. ANY QUANTITY.

Were you disappointed on Beauties for Christmas? If you were, you didn't order of us—**We filled all our Beauty orders in full.** We get our supply from **several** large and skillful growers. They **never** are **all** off crop at once. Think a minute what that means to **you?** You **always** can depend on us.

The present crop is exceptionally large, quality the best, and includes all lengths of stem.

VIOLETS

Supply and Demand Both Center Here

Those who know this market recognize our house as Violet headquarters. Single or double, you will get the cream of the crops if you order of us. It is none too soon to begin thinking of St. Valentine's Day—the Violet's the flower.

KILLARNEYS

White and Pink

These are in good crop and we can supply as fine stock as this market ever saw, in quantity, for weeks to come. In fact, we never have been so well fixed to fill all orders as we are this January.

Cattleya Trianae

Our Cattleyas are of the very choicest quality. If YOUR trade knows Orchids, you should show these. A fine, large crop is just coming on.

CARNATIONS

We have a heavy cut of Carnations, and the quality is right up to top notch—no danger of not getting your order filled if you send it to us.

All Greens of Best Quality.

FANCY VALLEY ALWAYS ON HAND

Chicago Market Brand—the finest.

Current Price List

ORCHIDS		Per doz.
Cattleyas	$6.00 @	$9.00
Dendrobiums	6.00 @	7.50

AMERICAN BEAUTY	Per doz.
Extra long stems	$5.00
Stems 30 to 36 inches	4.00
Stems 24 inches	3.00
Stems 15 to 20 inches	$1.50 @ 2.00
Short..... per 100, $6.00 @ $10.00	

ROSES	Per 100
White Killarney, special	$12.00 @ $15.00
" " select	8.00 @ 10.00
" " seconds	4.00 @ 6.00
Killarney, special	12.00 @ 15.00
" select	8.00 @ 10.00
" seconds	4.00 @ 6.00
Richmond, special	15.00
" select	10.00 @ 12.00
" seconds	6.00 @ 8.00

Extra special roses billed accordingly.

CARNATIONS	Per 100
Common	$2.00 @ $3.00
Select, large and fancy	4.00

MISCELLANEOUS	Per 100
Violets, New York double	$0.75 @ $ 1.25
" single	.75 @ 1.25
Easter Lilies	12.50
Callas.....per doz., $1.50 @ $2.00	
Valley, seconds	3.00
" select	4.00
" special	5.00
Daisies, white and yellow	1.00 @ 2.00
Sweet Peas	1.00 @ 1.50
Stevia	1.50 @ 2.00
Paper Whites	3.00 @ 4.00
Romans	2.00 @ 3.00
Mignonette	6.00 @ 8.00
Trumpet	5.00
Freesia	4.00 @ 6.00

DECORATIVE	
Asparagus Plumosus..per string,	.50 @ .75
Asparagus Plumosus..per bunch,	.35 @ .50
Asparagus Sprengeri.. "	.25 @ .50
Adiantum, fancy, long ...per 100,	1.00 @ 1.50
" medium..... "	.50 @ .75
Smilax .....per doz., $1.50	10.00
Mexican Ivy .....per 1000, 6.00	.75
Ferns..... " 2.00	.25
Galax..... " 1.25	.15
Leucothoe Sprays	.75

Store open from 7 a. m. to 6 p. m.
Subject to market changes.

E. C. AMLING CO.

The Largest and Best Equipped Wholesale Cut Flower House in Chicago

68-70 E. Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central.

Remember that in 1912, as in previous years, we shall prefer to be known as

THE BEST Rather Than as the Largest

We Lead on Fancy Carnations

CURRENT PRICE LIST

CARNATIONS	Per 100
Good	$ 3.00
Select, large and fancy	$4.00 @ 5.00
ROSES	
White Killarney	5.00 @ 10.00
Killarney	5.00 @ 10.00
My Maryland	5.00 @ 10.00
Richmond	5.00 @ 10.00
Extra lengths of roses billed accordingly	
American Beauties ....per doz.,	$2.00 @ $5.00
MISCELLANEOUS	Per 100
Easter Lilies	$10.00 @ $12.50
Callas	12.50 @ 15.00
Valley	3.00 @ 4.00
Violets	$1.00 @ $1.50
Sweet Peas	1.00 @ 1.50
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
DECORATIVE	
Asparagus Plumosus per string	$0.50 @ $0.75
Asparagus Plumosus per bunch	.35 @ .50
Asparagus Sprengeri per bunch	.25 @ .50
Adiantum, fancy, long	1.00
Smilax....per doz.,	$1.50 @ $2.00
Ferns....per 1000	2.00
Galax	1.00
Boxwood....large bunches,	.25

Subject to Market Changes.

CHICAGO CARNATION COMPANY

Salesroom: 30 E. Randolph Street, Greenhouses, JOLIET, ILL. CHICAGO

Mention The Review when you write.

advance. A great many greenhouses are planted with sweet peas, but the pick thus far has been light. Romans are overplentiful.

Greens sold well after Christmas—boxwood, Mexican ivy and plumosus bunches. There is little call for smilax or asparagus strings.

Chicago to Detroit.

P. J. Foley, chairman of the Florists' Club's transportation committee, states that arrangements have been made to go to Detroit via the Wabash, leaving at 11 p. m. January 9 and arriving at Detroit at 7:30 a. m. on the day of the opening of the rose and carnation shows. It is expected that a special car will be filled.

Various Notes.

The Florists' Club will elect officers at the Bismarck hotel tonight, January 4.

Albert Fuchs, owner of the Chateau apartments, Sheridan road and Clarendon avenue, has purchased from the Lehmann estate the vacant forty-five feet in Grace street opposite the Bismarck, with a depth of 486 feet, running through to Sheridan road, for $40,000. Mr. Fuchs is said to have acquired the property for the purpose of furnishing his tenants with garage accommodations, children's playgrounds, lawn tennis court and laundry. On the Sheridan road frontage he will erect six twelve-room apartments.

George Wienhoeber says that in the three days before Christmas the Fleischman Floral Co. used 110,000 violets. When they make up corsages for a holiday the entire force works at it, each person performing a single operation. In one hour Christmas morning they used up 55,000 violets. It paid so well to keep open all day Sunday before Christmas that the same course was followed the last day of the year.

Fred Fischer, 2737 North Clark street, who is the champion bowler, is doing a fine business. Between pick-ups and deliveries his automobile is kept on the go.

Wietor Bros. have just signed a new lease on their store in the Atlas block. They have occupied the same room fifteen years, E. F. Winterson being the only other wholesaler who has stayed a longer time in one place. Winterson has been paying rent to the McCormicks for close to a quarter of a century.

The Chicago Carnation Co. has entered in nearly all the carnation classes at Detroit next week.

At E. H. Hunt's stock-taking was begun December 29. Inventorying a stock of florists' supplies is a big job, but they put it through in short order.

Miss A. L. Tonner is proud of the long-handled, gold-headed umbrella that came as a New Year's gift from the employees in the supply department of the A. L. Randall Co.

Probably the youngest old florist in Chicago is Harry Manheim, of Hoerber Bros. He started in the business when 7 years old, as delivery boy for Jegen, then located on Washington street. That, Mr. Manheim says, was twenty-eight years ago.

A. Henderson & Co. say it is surprisingly easy to take orders—no trouble at all. A. Miller is at Detroit and G. Reburn at Denver.

Henry Wittbold is planning to build greenhouses at Evanston in the spring.

January 1 Joseph Foerster, of Kyle & Foerster, celebrated the twelfth anniversary of his start in the trade. He began with George Reinberg, who

WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS
SHIPMENTS EVERYWHERE — CUT FLOWERS — IMMEDIATE DELIVERIES
154 NO. WABASH AVE CHICAGO
PHONE CENTRAL 879

AMERICAN BEAUTIES
ROSES
CARNATIONS
ORCHIDS, GARDENIAS
VALLEY, VIOLETS
DAISIES, LILIES, Etc.
GREENS

At Lowest Market Rates

Weiland & Risch

154 N. Wabash Avenue
CHICAGO

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Studebaker

DELIVERY WAGONS

Are Up-to-date, Snappy and Stylish, Creating a Favorable Impression Among Your Trade and Prospective Customers.

DO YOU WANT US TO TELL YOU WHY?

THE STUDEBAKER CORPORATION
SOUTH BEND, IND.

Advr. No. 1515.



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WIRED TOOTHPICKS

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000.....$1.75 50,000.....$7.50

Sample Free. For sale by dealers.

Mention The Review when you write.

Superior Crimped Invisible **Carnation Staple**

For repairing split carnations. 1000 for 50 cents. Postpaid. Sample free. Special prices to jobbers.

WM. SCHLATTER & SON 422 Main St. Springfield, Mass.

Always mention the Florists' Review when writing advertisers.

WHITE LILAC

We shall have our annual crop of Fancy White Lilac ready by the end of the present week. The grower says it will be fully as good as in other years—and it always has made a hit—the fanciest flower in the market. $1.50 per bunch.

Killarneys

Buyers agree that OUR Killarneys are the finest in Chicago. A big cut is on and we can supply all lengths at moderate prices.

Violets

This is the time of year when those who try can do a big business in Corsage Bouquets of Violets. We can supply fine Double or Single in quantity.

Beauties

Our stock is fine and we have a large cut. Can take good care of all orders, no matter what length of stem is called for.

FANCY FREESIA

This is Purity, the long-stemmed pure white Freesia, and it is so fine that it is a good value at $5.00 per 100. Once tried, you will not be able to get along with the common kind.

Carnations

A big cut is on. Send along your orders. You will be pleased with the treatment we shall give every call.

Stevia

Order enough for the cut flower boxes—You know you need a lot of it. Ours is fancy stock.

Valley

We always can furnish fancy Valley. None better. Try some and you'll want a regular shipment.

Ready——A Large Crop of Fancy Cattleyas

A complete stock of Florists' Supplies

We have a complete assortment of all staple articles and the seasonable novelties and can make quick shipments. It's especially important that you have

Cut Flower Boxes, Violet Boxes, Corsage Ties, Ribbons, Etc.

Stock up again at once. Remember St. Valentine's Day is only about a month away.

A. L. Randall Co.

Everything for Florists, L. D. Phone Central 1496 Private Exchange all Departments **66 E. Randolph Street, Chicago**

Mention The Review when you write

then was in the store now occupied by John Kruchten, next door to Kyle & Foerster's.

Tim Matchen reports that Peter Reinberg's longest shipment for Christmas was to Calgary, Alberta. The box left Chicago December 19 and was five days on the road. A letter has been received stating that the stock had traveled well.

John Zech says he never is disappointed in New Year's—because he doesn't expect much. This year the shipping surprised him.

Max Ringier, who is buyer for Vaughan & Sperry, says he can not recall a Christmas when it was so easy for the wholesalers to pick up the items needed to complete orders.

There are an unusual number of vacant stores available for wholesaling cut flowers. In addition to several spaces on Michigan avenue, which were brought into consideration by the Chicago Flower Growers' Association opening there, there is a vacant store in the Atlas block, on the second floor, next to Peter Reinberg. Poehlmann Bros. Co. will vacate the store in the basement within a few days. A part of the fine, light Percy Jones floor still is vacant. The basement so long the home of the E. C. Amling Co. is used only for storage. There are good

PERCY

Not the Oldest

Nor the Largest

Just the Best

56 East Randolph Street, CHICAGO

JONES

Mention The Review when you write.

places for four or five more wholesalers.

Arnold Ringier is on a trip to Kansas City for the W. W. Barnard Co.

An employee's dwelling and shed were destroyed by fire December 27 at the establishment of Brant & Noe, Forest Glen, but prompt action saved the greenhouses and other structures.

A new road is contemplated following the tracks of the St. Paul railway and connecting Edgebrook and Mor-

KILLARNEYS WHITE PINK

Also a good cut of RICHMONDS, CARNATIONS, VALLEY, ETC.

Give us a share of your orders. We know we can please you.

Batavia Greenhouse Co.

Greenhouses: Batavia, Ill. L. D. Phone 2995 Randolph

Store: 30 E. Randolph St., CHICAGO

Mention The Review when you write.

ton Grove. If it goes through it will necessitate clipping off one corner of the Wittbold greenhouses, but Otto Wittbold says the advantages of being on a main highway will far more than offset the disadvantages. The dirt paths in the greenhouses are rapidly giving way to new cement walks.

William Homburg was a New Year's addition to Phil Schupp's staff at the J. A. Budlong store. He has been with J. F. Kidwell & Bro. for some time.

Poehlmann Bros. Co. recently filled an order for 600 Perle roses. An order for that many of any other variety would be easier.

Bassett & Washburn have begun to cut from Formosa lily bulbs of the 1911 crop and say they are the cleanest lot of bulbs they ever have seen, possibly two per cent diseased.

E. E. Pieser and wife leave January 7 for a trip to Philadelphia and New York. Mr. Pieser was 49 years of age New Year's day.

C. M. Dickinson hopes to get away in a few days, accompanied by Mrs. Dickinson, for a much needed vacation.

Sam Pearce cut the first trumpet narcissi last week, and August Juergens had Golden Spurs ready the same day.

Visitors this week: I. Rosnosky, of H. F. Michell Co., Philadelphia; Edward Amerpohl, Janesville, Wis.; Miss Rennison, Sioux City, Ia.; Miss A. B. Risser, of Mosbæk Greenhouse Co., Onarga, Ill.

ROCHESTER, N. Y.

The Market.

A cold snap with ice and snow made last week most seasonable and much more like holiday time. The spirit of Christmas and the holidays, which seemed lacking ten days ago, is surely here now, and social functions are numerous indeed. There were several large receptions booked for New Year's day and there were a number of smaller affairs, several weddings and dinners for January 1. Business in general kept right up even after Christmas. A great many funerals have kept downtown florists busy during the week. The rush preceding Christmas was somewhat broken because Christmas came on Monday; however, it was the same trying circumstance of overworked clerks and employees. One enterprising florist in Buffalo had a day and a night shift, thus making it easier all around, and he got much more work out of his men and much better service, to say nothing about the good cheer and friendly feeling between employer and employees.

Flowering plants and fancy baskets are still selling well. Poinsettias were in great demand this year, the demand in some cases being greater than the supply. Lorraine begonias did not have the run this year that they usually do. Araucarias, ardisias and cyclamens were in great favor and brought big prices.

Boxwood balls were popular during the holidays, brightened with winter berries and red ribbon, ruscus and red immortelles. Artificial poinsettias seemed to be a thing of the past, as few were sold. They have been cheapened in the eye of the more artistic public.

Various Notes.

R. A. Fry has entered the employ of E. C. Campbell.

Clarence Razor put in Christmas week with the Rochester Floral Co., and so did Mr. Lester.

Salter Bros. say that they cannot complain about the holiday trade—it

WESTERN

ORCHIDS

Chas. W. McKellar

162 N. Wabash Avenue, CHICAGO

Headquarters

CURRENT PRICES

ORCHIDS			
Cattleyas, Trianae	Per doz.,	$7.50 @	$ 9.00
" Percivaliana	"	6.00 @	7.50
Cypripediums	"		2.00
Dendrobium Formosum, white	"	5.00 @	6.00
Oncidium, yellow	"		5.00
Boxes assorted Orchids, $5.00 and up.			
AMERICAN BEAUTY—Specials,	Per doz.,		5.00
36-inch	"		4.00
30-inch	"		3.00
24-inch	"		2.50
20-inch	"		2.00
15 to 18-inch	"		1.50
Shorter	"	.75 @	1.00
Killarney	Per 100,	4.00 @	10.00
White Killarney	"	4.00 @	10.00
My Maryland	"	4.00 @	10.00
Richmond	"	4.00 @	10.00
Mrs. Field	"	4.00 @	10.00
ROSES, our selection	"		4.00
" extra special, select	"		12.00
CARNATIONS			
Select	Per 100,	2.00 @	3.00
Fancy	"		4.00
MISCELLANEOUS STOCK			
Gardenias	Per doz.,	5.00 @	6.00
Valley	Per 100,	3.00 @	4.00
Easter Lilies	"	10.00 @	12.50
Violets, double		.75 @	1.00
" single		.75 @	1.00
Sweet Peas		1.00 @	1.50
Paper Whites		2.00 @	3.00
Romans		2.00 @	3.00
Stevia			1.50
Mignonette		6.00 @	8.00
Bouvardia		6.00 @	8.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 @	.60
Asparagus Plumosus	Per bunch,	.35 @	.50
Asparagus Sprengeri	"	.25 @	.50
Adiantum	Per 100,	.75 @	1.00
Farleyense	"		12.00
Smilax	Per doz., $1.50		
Mexican Ivy	Per 1000, 6.00 "		.75
Ferns	" 2.00 "		.25
Galax, green	Per 1000,		1.00
" bronze	"		1.00
Leucothoe	Per 100,		.75
Wild Smilax	Per case,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Subject to market changes

ORCHIDS—SPECIAL

We have an unusually large and fine supply of that splendid orchid, Cattleya Trianae. Also a large crop of Percivaliana at lower prices.

CHAS. W. McKELLAR

162 N. Wabash Avenue, CHICAGO

Mention The Review when you write.

ROSES

FANCY STOCK IN ALL VARIETIES

The Rose crops are at their finest. We never have handled better stock, and the quantity is equal to all orders.

CARNATIONS

FANCY STOCK IN ALL VARIETIES

Supply is only moderate but we do not recall a time when the quality averaged better. Can fill **your** order today.

CURRENT PRICE LIST

AMERICAN BEAUTIES.	Per doz.
Special, long	$5.00
36-inch	4.00
24 to 30-inch	3.00
18 to 24-inch	2.50
15 to 18-inch	2.00
12 to 15-inch	1.50
8 to 12-inch	1.00

ROSES	Per 100
Richmonds	$4.00 @ $15.00
Killarney, white, pink	4.00 @ 12.00
My Maryland	4.00 @ 12.00
Brides	4.00 @ 12.00
Maids	4.00 @ 12.00
Roses, our selection	4.00

MISCELLANEOUS	
CARNATIONS, common	2.00 @ 3.00
" fancy	4.00
Orchids ...per doz., $7.50 @ $9.00	
Easter Lilies	12.50
Callas	12.50
Valley	3.00 @ 4.00
Paper Whites	3.00 @ 4.00
Romans	3.00 @ 4.00
Sweet Peas	1.00 @ 1.50
Stevia	1.50 @ 2.00
Adiantum	.75 @ 1.00
Asparagus Strings, each	50c@75c
Asparagus Bunches, "	25c@50c
Sprengeri Bunches, "	25c@50c
Smilax....per doz.,	$1.50 @ $2.00
Galax....per 1000,	1.00
Ferns....per 1000,	2.00 .25
Boxwood.....50 lb. cases,	7.50
Wild Smilax....large "	5.00

Subject to change without notice. Store open 7.30 a. m. to 6 p. m. Sundays and holidays close at noon.

VAUGHAN & SPERRY

159 N. Wabash Ave. Long Distance Phone 2571 **CHICAGO**

was up to par, but somehow lacked the spirit of Christmas. Their poinsettias were better than for several years.

The carnations at the conservatory of Mrs. Thompson, Canandaigua, N. Y., are at their best.

Geo. Kramer is again in Buffalo with S. A. Anderson.

Geo. B. Hart is rejoicing over the fact that he found a fifty dollar check in his Christmas stocking.

Geo. J. Keller is growing mignonette this winter, which is about ready to cut.

John Vollmer spent Wednesday, December 27, in Buffalo doing a table decoration for J. B. Keller Sons.

E. C. Campbell reports that Christmas business was good this year.

Geo. T. Boucher says that his Christmas trade was just a little below the average and that individuals did not make as large purchases as usual.

Billy Dunbar and Duckie Holmes helped out at J. B. Keller's last week.

The Rochester Floral Co. did a fine business during the holidays, and R. Wilson says he believes the receipts will exceed those of last year.

J. Muller, of Rutherford, N. J., has started out on his trip for the new year and made Rochester one of his first stops. He expects to have a good year, he says.

J. B. Keller Sons did a good business during the holidays and had a big wedding decoration December 26.

Alex. Keller was home from Cornell for the holidays.

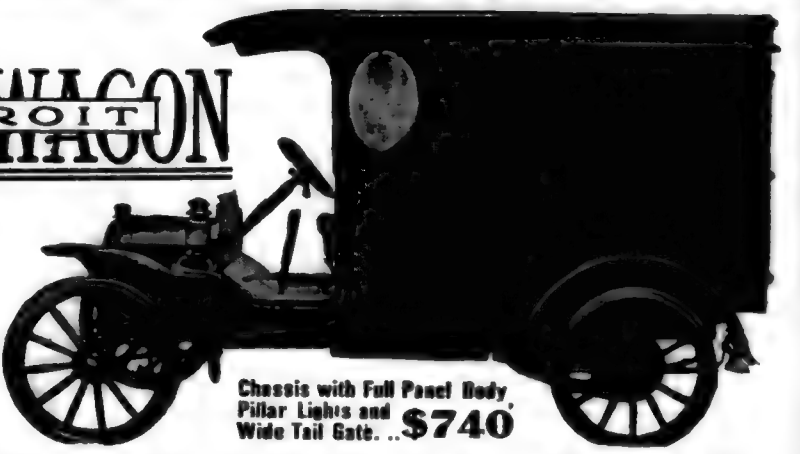
Geo. Bennett's Christmas carnations were fine, but he had only a few red ones.

At Hart's commission house, they were quite well cleaned out of flowers and plants at Christmas time. Mr. Hart handled a great deal of wreathing and holly.

The Wilsons are showing some first-class red, yellow and white tulips.

Maurer-Haap Co. did a big business for Christmas in Boston ferns, cyclamens and begonias. Their business in greens and wreathing was not as large this year as last. Their new concrete block shed was completed just before Christmas. It is well ventilated and lighted by electricity, having double doors and windows. They do a big

MOTOR WAGON DETROIT



Chassis with Full Panel Body Pillar Lights and Wide Tail Gate. ..$740

Chassis with Magneto Equipment	$610	Bodies to Suit the Various Lines of Trade

It will pay you to install the Detroit Motor-Wagon.
You not only save time and money, but increase the efficiency of your delivery service, which means increased business and profits.
You can deliver to all parts of the city, in all kinds of weather, quicker and cheaper than with the horse-drawn vehicle.
The Detroit Motor-Wagon is cheap in its first cost, cheap to run and keep, and built to withstand the severest sort of delivery service.
Send today for full information.

The Motor-Wagon Company of Detroit

Dept. W, DETROIT, MICH.

Mention The Review when you write.

Top-Notch Growers Wanted at Once

¶ We are in the market for the services of two growers who are experts in **their line**—one for our Carnation section and one for our Rose section. We want a man for each of these departments who is capable of taking entire charge of same. Men must thoroughly know their business and have best of references and be strictly sober. This is a good chance to become connected with one of the oldest and best plants in Iowa. **Address**

J. C. Rennison Co., Sioux City, Iowa

business in evergreens for spring planting and in February they expect to receive a carload of rhododendrons, azaleas, Colorado blue spruce and boxwood trees. A large number of small fruit trees and shrubs are heeled in, in this new storage shed.

H. E. Wilson did a greater amount of business this year than last, it is reported.

James Vick's Sons are wholesaling and retailing Boston ferns at present, but they had no special run on anything for the holidays.

H. B. Stringer is busy getting out announcements for the next meeting of the Florists' Association, to take place early in January. E. C. A.

CINCINNATI.

The Gateway to the South.

Holiday week business was good as a whole, the demand for pink and red being much heavier than for white flowers. Warm weather throughout the week, even though rainy and inclement generally, made deliveries easy for the florists, for the plants and boxes required only ordinary wrapping. The beginning of this week brought bright, sunny, cold weather.

In roses Killarney was easily the most popular. The long ones of this variety were used to a large extent in place of American Beauties. This latter flower was short of the call and brought top prices. The supply of red was fair and included Richmond and Rhea Reid. The supply of white was large and managed to clean up fairly well.

Practically all carnations sold up nicely. Red, Rose-pink Enchantress, Enchantress, Lawson-colored varieties and white cleaned up in the order named. Some of the culls and poorer stock were left, but the good blooms sold in a hurry.

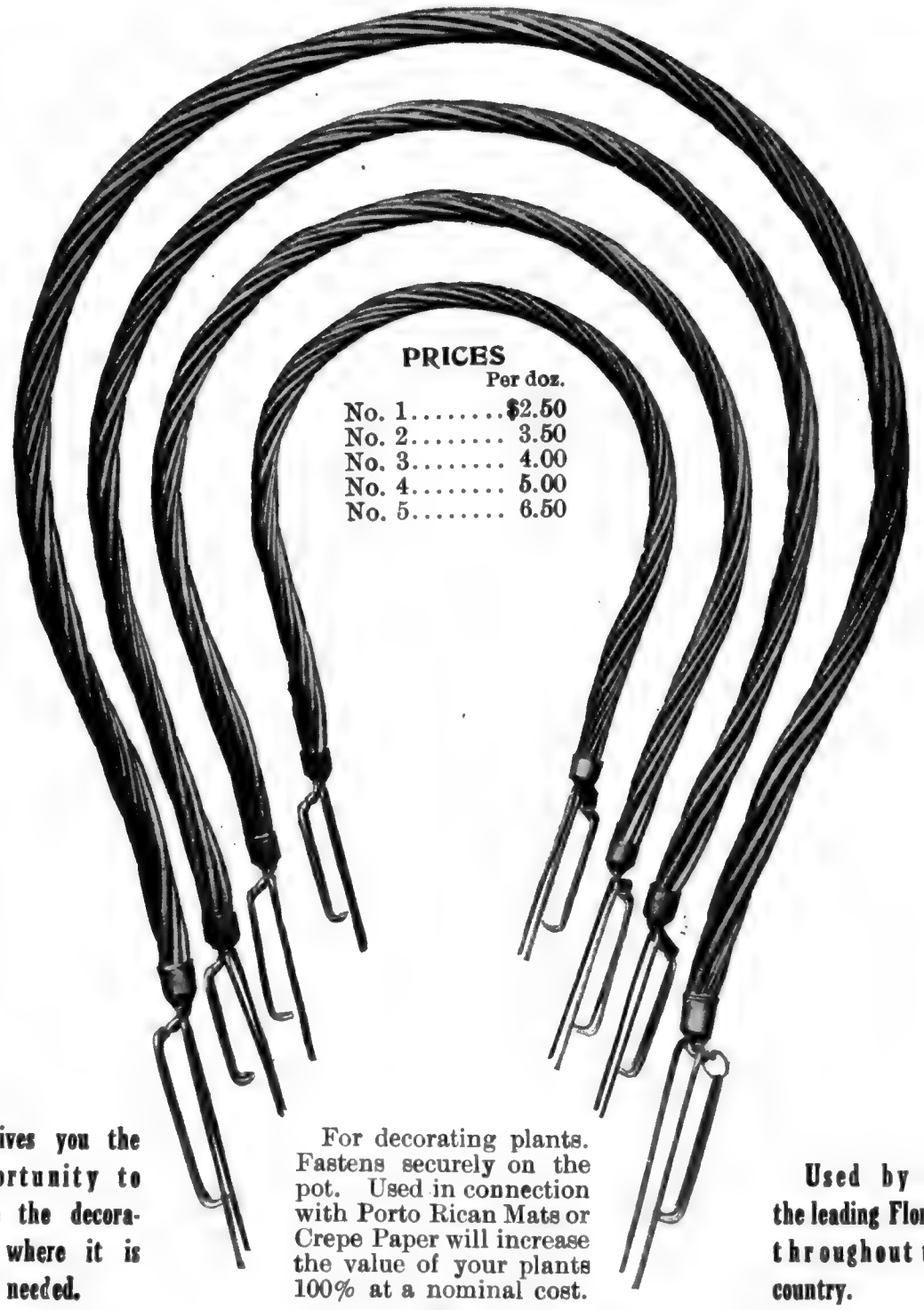
The supply of choice poinsettias for New Year's was rather short. The growers cut practically all their really good stock to meet the Christmas and early holiday demand and as a result the offerings were not nearly as heavy as usual. Bulbous stock added another to its list last week, namely, jonquils. The supply, however, is as yet limited. Narcissi and Romans drag continually and have not effected an entire clean-up for some time. Both Easter lilies and callas are proving good property, at only fair prices.

Other flowers offered include double and single violets, valley, orchids and

Finished in Gold

HART'S HANDY HANDLE

For Plant Decoration.



Gives you the opportunity to place the decoration where it is most needed.

For decorating plants. Fastens securely on the pot. Used in connection with Porto Rican Mats or Crepe Paper will increase the value of your plants 100% at a nominal cost.

Used by al the leading Florists throughout the country.

24 to 30 Stone St., GEO. B. HART, Rochester, N. Y.

ALWAYS MENTION THE FLORISTS' REVIEW WHEN WRITING ADVERTISERS



MICHELL'S VERBENA SEED

New crop just received.

NEW GIANT VERBENA

A remarkable novelty with immense flowers of a wonderful range of colors and markings. A new plant of merit. Per trade pkt., 50c.

MICHELL'S MAMMOTH FANCY VERBENAS

Splendid form, immense blooms of pure and delicate colors.

	Trade Pkt.	Oz.
Blue	$0.30	$1.25
Pink	.30	1.25
Scarlet	.30	1.25
Striped	.30	1.25
White	.30	1.25
Mixed	.30	1.00

VERBENA

	Trade Pkt.	Oz.
Choice Mixed	$0.25	$0.75
Rose Queen (New), giant flowers, brilliant rose	.25	
Fine Mixed	.20	.60

Michell's Wholesale Catalogue 1912
is brimful of good things for the grower. If you have not received it, **write for a copy today.**

HENRY F. MICHELL CO.

518 Market Street, **PHILADELPHIA, PA.**

Mention The Review when you write.

stevia. The single violets are beginning to come in stronger and are crowding the doubles. The request for the latter, although good, hardly exhausted the demand. The demand for lily of the valley has been fair, and more orchids might have been used.

The call for all lines of green goods is good.

Various Notes.

The Cincinnati Florists' Society will hold its regular meeting Monday, January 8, at the club rooms in the Flower Market.

C. E. Critchell was the first to get in jonquils this season.

C. E. Critchell, Mr. and Mrs. J. A. Peterson and R. Witterstaetter will attend the Carnation Society meeting in Detroit.

The Cincinnati Cut Flower Exchange reports a good call for plumosus and Sprengeri.

J. T. Conger had a large wedding decoration this week, in which he used over 300 choice Nonin chrysanthemums that he had successfully held on the stalks for this affair. C. H. H.

REPLENISH YOUR STOCK

GO OVER your stock of Florists' Supplies and send us an order for everything you are short of after the fine business you had at Christmas. We have everything. Prices always right.

"PERFECT SHAPE" WIRE WORK

You'll need a lot of this the next few weeks.

Winterson's Seed Store

166 N. Wabash Ave. Long Distance Phone 6004 Central **CHICAGO**

Mention The Review when you write

STOCK OF SPECIAL QUALITY

Gardenias	per dozen,	$3.00—$4.00
Sweet Peas	per 100,	1.00— 1.50
Mignonette	per 100,	6.00— 8.00
White Lilac	per bunch,	1.25
Pussy Willow	per bunch,	.75— 1.00
Single Daffodils	per 100,	5.00
Boxwood	per case,	$7.50
Galax, bronze and green	per case,	7.50
Dagger Ferns, extra quality	per 1000,	2.00

The Leo Niessen Co. WHOLESALE FLORISTS
N. W. cor. 12th and Race Sts., PHILADELPHIA, PA.
Open from 7 a. m. to 8 p. m.

Mention The Review when you write

PHILADELPHIA.

The Rising Eastern Market.

Business in the cut flower market during the holidays was gratifying. There was a steady demand from Christmas until the end of the year at prices that showed little falling off from those quoted a week ago. This was in direct contrast to last year's conditions, when an overstocked Christmas market remained depressed for more than a fortnight afterward. New Year's proved decidedly more than an ordinary good Saturday, as some had predicted; there was plenty of business December 30 at excellent prices, with the supply of red roses and red carnations short of the demand. New Year's day itself was a busy one, while the two days following have shown no signs of the dullness anticipated. This may be due to the shortness of the season; just seven weeks from today will bring Lent.

The Beauty crops are going off. Prices continue excellent, although there is no large demand. Richmond also is going off crop, but the Killarneys are in full swing, the medium grades selling best. Carnations advanced a little in price at New Year's, receding the day after. The wholesalers differ in their views of the crop; some say it is coming on heavily, while others see no indications of an increase at present. Violets have been in fair demand, especially so when the colder weather, at times stormy, is considered. Valley is in brisk demand. Gardenias are selling, but the supply appears to be in excess of the requirements. This is true to a lesser degree of cattleyas. There still are poinsettias about. Bouvardia is over, or practically so. There is some fine snapdragon in the market, which commands excellent prices. Daffodils are selling well, but Paper Whites and Romans are unsatisfactory. The demand for fine greens is better than at Christmas; even smilax is feeling the improvement.

The shipping orders are going out briskly. Much of the fine stock is sent out daily through a large area of territory. The ball season is in active progress, four large balls during the last week consuming much choice material.

Carnations

Violets, single and double, are very fine.
Easter Lilies are one of our specialties.
Paper Whites give unusual value where white can be used.

Roses

Richmond, Killarney, White Killarney
and our exclusive specialty — **Princeton.**

EVERYTHING IN CUT FLOWERS and GREENS

BERGER BROS.

Wholesale Florists
140-142 North 13th Street, Philadelphia, Pa.

Mention The Review when you write.

Various Notes.

Edward A. Stroud, of Overbrook and of Strafford, will attend the Detroit meeting of the American Carnation Society January 10.

Charles H. Grakelow gave a talk on floral conditions abroad before the Florists' Club January 2. Mr. Grakelow is one of the brightest of the younger members.

Leo Niessen will act as one of the judges of roses at the exhibition of the American Rose Society in Detroit next week.

The death of Mrs. Henry I. Faust, of Marion, which occurred New Year's day, has cast a shadow over the floral world.

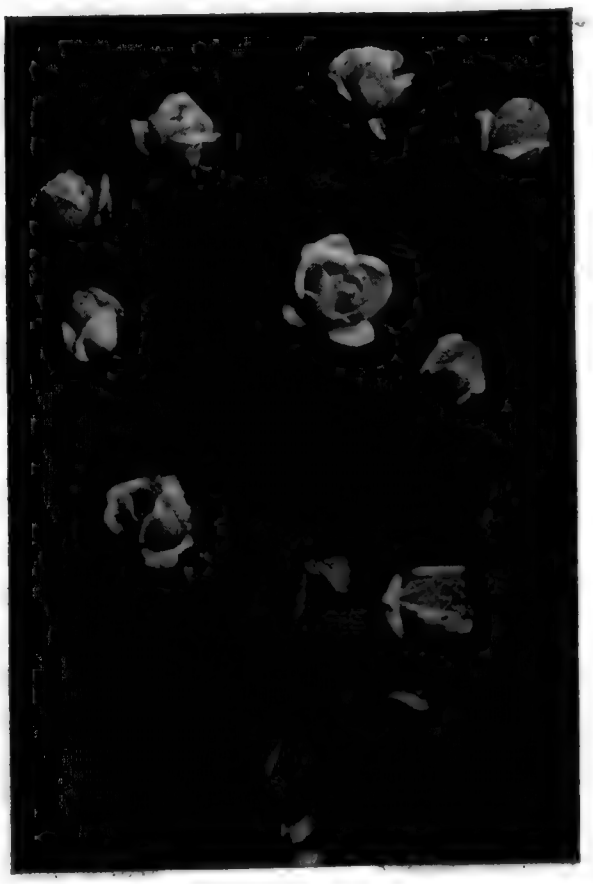
It is stated on excellent authority that a new flower booth will be erected on the north side of Market street, east of City hall, between the Childs restaurant and the cigar store. This is evidently a move of one of our enterprising street merchants to secure himself against move-on orders from the police.

G. C. Watson asserts that increased Christmas business can only be gauged by increased cash receipts.

William Foster, of Westerly, R. I., was here looking over the Christmas output of the leading growers. Mr. Foster, who is brother-in-law to Samuel S. Pennock, was accompanied by his foreman.

Alfred M. Campbell has moved from Swarthmore to Collingdale; his new home is close to the Collingdale Greenhouses.

1912 Some Splendid New Roses



LADY HILLINGDON

Double White Killarney, Budlong Strain.

As a white Rose it has no equal. In the winter time very much better than the single White and as a summer rose it is far better than Kaiserin, heretofore our best summer rose, a money maker for all who go into this grand new white rose.
Grafted, 100, $30.00; 1000, $250.00 Own Root, 100, $25.00; 1000, $200.00

Killarney Queen, Budlong Strain

A heavier, more vigorous grower, larger flower, about the same petalage as Pink Killarney, does not fade out in dark weather but holds its color.
Grafted, 100, $30.00; 1000, $250.00 Own Root, 100, $25.00; 1000, $200.00

Sunburst

A yellow that we believe will prove to be the very best of the yellows, a striking rose, brilliant in effect, good grower, and bound to be a good seller.
Grafted, 100, $35.00; 1000, $300.00 Own Root, 100, $30.00; 1000, $250.00

	Grafted.	Own Root
Aaron Ward	$ 20.00 per 100; 150.00 per 1000;	$ 10.00 per 100 90.00 per 1000
Lady Hillingdon	25.00 per 100; 200.00 per 1000;	20.00 per 100 150.00 per 1000
Melody	No Grafted Stock	12.00 per 100 100.00 per 1000
Mrs. Taft	$ 15.00 per 100; 120.00 per 1000;	7.50 per 100 60.00 per 1000
Double Pink Killarney	20.00 per 100; 150.00 per 1000;	12.00 per 100 100.00 per 1000
My Maryland	15.00 per 100; 120.00 per 1000;	10.00 per 100 90.00 per 1000
Killarney	15.00 per 100; 120.00 per 1000;	7.50 per 100 60.00 per 1000
White Killarney	15.00 per 100; 120.00 per 1000;	7.50 per 100 60.00 per 1000

MARY COLLADAY (Pink Garza)
A beautiful pink spray Chrysanthemum, something new, unusual, nothing like it among Chrysanthemums.
Well established, 2¼-in. stock. Dozen, $4.00; 100, $25.00.

Write for our Descriptive Leaflet on these Novelties.

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF PHILADELPHIA

PHILADELPHIA 1608-1620 Ludlow Street
NEW YORK 109 West 28th Street
WASHINGTON 1212 New York Avenue

Mention The Review when you write.

ROSES—CARNATIONS—LILIES

A plentiful supply of the

FINEST QUALITY

Philadelphia Cut Flower Co., 1517 Sansom Street, Philadelphia, Pa.

OPEN UNTIL 6 P. M.

Francis Stokes has been pacing the quarter-deck during his father's recent indisposition.

Fred Brown, formerly with J. J. Habermehl's Sons, Bellevue Stratford, is now head man in a smart Buffalo flower shop.

H. H. Battles affected Begonia Glory of Cincinnati at Christmas to the exclusion, it is said, of all other pink begonias.

Myers & Samtman had a tremendous cut of Beauties and Killarney for the holidays.

Adolph Farenwald, president of the American Rose Society, will head the delegation from this city to Detroit, where the national rose and carnation meetings will take place January 10.

Paul Berkowitz says that the demand at the store of H. Bayersdorfer & Co. kept up until the very last moment; they were all obliged to work as hard just before Christmas as any

THE Florists' Supply House of America

Every Kind of Basket

EGYPTIAN BASKETS,
our metal novelty basket for gifts of fancy flowers.
PARISIAN BASKETS
with that dainty French touch so attractive to flower lovers.
PLANT BASKETS WITH TINS for filling with soil.
CUT FLOWER BASKETS WITH TINS for moss.
LONG HANDLED BASKETS
for weddings, theaters and gifts.
EVERY KIND OF BASKET
you ever saw or thought of can be obtained by telephoning, telegraphing or writing to

H. BAYERSDORFER & CO., 1129 Arch Street, PHILADELPHIA, PA.

SEND FOR OUR SILENT SALESMAN.

Mention The Review when you write.

of the florists. This is unusual, as the demand for supplies generally falls off when the florists are busiest. It indicates, Mr. Berkowitz says, that the stock was being cleaned out even before the holiday had come.

George Burton cut 1,800 special Beauties December 23. Phil.

NEW YORK.

The Market.

The Christmas week maintained an encouragingly steady market, with values naturally on a considerably lower level than the holiday itself provided, but satisfactory, nevertheless, to the majority of the growers and causing no serious complaint from the retailers, who had an excellent business throughout the week. The universal verdict seems to be: "The best Christmas the retailers of the big city have had in a generation." The finest of weather continued until the middle of the week, and good, seasonable temperature is here for the New Year's greeting. The greatest break of the Christmas holidays was in the price of valley and orchids. Valley accumulated all the week and orchids were for sale by the street merchants on Christmas day.

The shipments of stock during the last week have been comparatively light, and this has held prices at their present level. The usual January decline is anticipated, now that New Year's is over. Beauties are not overabundant, but Christmas levels could not be maintained. The best fell to 50 cents and under. All varieties of roses are arriving in sufficient volume for the demand, with a probable surplus of Brides, Maids and Killarneys. Good Richmonds bring record prices, and there are not enough of them. Carnations are selling well and the market could use more of the higher grades. The prices are well maintained and the new kinds meet with popular favor.

Lilies have held well at Christmas prices. Valley moves slowly, as do all white flowers, and no advance is probable. There are a lot of mediocre gardenias offered, only the long-

FLOWER GROWERS SALES CO.
INCORPORATED
BOSTON, MASS.
Direct from Grower to Dealer.

DIRECTORS
E. Allan Peirce — C. H. Holbrow
Louis J. Reuter — Frank Dolansky
J. Frank Edgar — Frank P. Putnam
Wm. Sim — A. A. Pembroke
Thos. Roland — Wm. Lenk
Wm. Jurgens — Wilfred Wheeler

NOTICE

We have moved our office and stock rooms to

1 A Park Street

Larger quarters and proximity to the market give us facilities for handling your business to better advantage.

Orders for all varieties of cut flowers and plants will receive our prompt attention.

Florists' Supplies of all kinds are handled for the convenience of the trade.

Write for Our **Price List**

Salesroom at BOSTON FLOWER EXCHANGE PARK STREET Telephone 3766 Haymarket

Office at 1A PARK STREET Telephone 3765 Haymarket

Mention The Review when you write.

WELCH BROS., 226 Devonshire Street, Boston
The Largest Wholesale House in America
Orchids :: American Beauties :: Gardenias :: Other Seasonable Flowers

Ferns——Galax——Moss

HEADQUARTERS FOR SOUTHERN WILD SMILAX

$3.00, $4.00 and $5.00 per case.

New Fancy Ferns
Per 100.....20c Per 1000.....$1.50

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000..... 5.00

Boxwood
Per lb.....20c Per case of 50 lbs.... 7.50
Per case of 100 lbs.....$14.00

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000.....$7.50

Green Galax Leaves
Per 1000..... 1.00 Per 10,000..... 7.50

Mexican Ivy
Per 100.....75c Per 1000..... 6.00

Green Sheet Moss
Per bundle.....$1.00 10 bundles ....$ 9.00
25 bundles..... 21.00

Sphagnum Moss
Large bales.....$1.50 per bale

SPECIAL PRICES ON LARGE QUANTITIES.

Imported Bronze and Green Magnolia Leaves, $2.00 per basket
Everything in Florists' Supplies

Full Line of Cut Flowers and Other Greens at All Times.

C. E. CRITCHELL, Wholesale Commission Florist, 34-36 East Third Ave., **Cincinnati, Ohio**

Mention The Review when you write.

Long Needle Pines. Magnolia Foliage and Magnolia Leaves. Natural and Fadeless Green Sheet Moss. Southern Wild Smilax.

Give us a TRIAL order—the OTHER orders will take care of themselves. We guarantee to ship you the BEST Southern Decorative Evergreens on the market. Stock cut and shipped within twenty-four hours after your order is received. Write, wire or Phone.

CHAS. S. LEE & CO., - - Evergreen, Ala.

Mention The Review when you write.

ESTABLISHED 1898.
SMITH'S GALAX LEAVES
LEUCOTHOE SPRAYS
are Standard.

WM. C. SMITH
Marion, North Carolina
Ask for Smith's Galax and Leucothoe. Distributors in Boston, Providence, New York, Philadelphia, Baltimore, Washington, Pittsburgh, Cleveland, Detroit, Chicago, Milwaukee, St. Louis and Cincinnati.

Mention The Review when you write.

New Crop **SOUTHERN WILD SMILAX** Now Ready
Louisville Floral Co., P. O. Louisville, Ala.
Telegraph Office, Clayton, Ala.

DO YOU BUY RIBBONS DIRECT FROM THE MAKER?

Handsome qualities at lowest prices are Pine Tree Ribbons.
A post card brings samples and full information.

The Pine Tree Silk Mills Co.
PHILADELPHIA

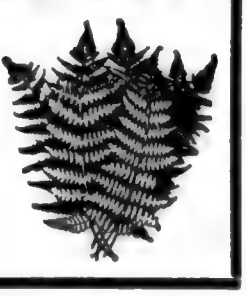
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J. H. VON CANON & COMPANY



Evergreens Fresh From The Woods

Galax, Green, 50c per 1000; $4.00 per case of 10,000.
Galax, Bronze, 50c per 1000; $4.00 per case of 10,000.
Ferns, Fancy, 80c per 1000; $3.50 per case of 5000.
Green Leucothoe, regular lengths, $1.75 per 1000.
Green Leucothoe, 10 to 16-inch, $1.00 per 1000.
Bronze Leucothoe, 10 to 16-inch, $1.75 1000; regular lengths, $2.75 1000. Cash with order.



Wire Us
Elk Park, N. C. **BANNERS ELK, N. C.**

Mention The Review when you write.

WHOLESALE ONLY



Galax, Ferns, Leucothoe



—Ask for Price List—

THE NORTH CAROLINA EVERGREEN COMPANY,
Banners Elk, Pianola, Edgemont, Montezuma, Elk Park.
Address all communications to our home office, Banners Elk, N. C.

stemmed and perfect stock going above $3 a dozen. Lilac is becoming abundant, and there are plenty of sweet peas of splendid quality and length of stem. The top price all the week for violets has been 75 cents, and that only for specials. Many thousands sold at 50 cents and under per hundred. The mild weather spoiled the stock for Christmas. Orchids have moved slowly and at concessions that were discouraging. The cypripediums are especially fine.

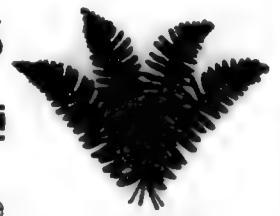
The society season is commencing in earnest. Banquets are numerous. Some notable weddings are booked for January. The new season promises well, and there is no reason for any lack of optimism as to the outlook.

Various Notes.

Chairman Traendly of the transportation committee has completed all arrangements for the comfort and enjoyment of those attending the rose and carnation conventions at Detroit. Over forty had signified their intention


FANCY

A Happy and Prosperous New Year to All


DAGGER

¶One way to make your customers happy is to supply them with the best quality stock to be had. Our stock of Cut Fancy and Dagger Ferns is of the highest quality. Therefore, to have the happy and satisfied customers, supply them with Brague's Ferns. Price list on application.

L. B. BRAGUE & SON, {Since 1867} **HINSDALE, MASS.**

Mention The Review when you write.

of taking the Wolverine special on the New York Central on the evening of January 9.

The first meeting of the New York Florists' Club for 1912 will be held in its rooms in the Grand Opera House building, Twenty-third street and Eighth avenue, on Monday evening, January 8. There will be exhibits, refreshments, the inauguration of the new officers and the announcements of the new committees. The annual dinner this year will be in celebration of the twenty-fifth anniversary of the club's existence and will be the most elaborate in the club's history. The new president is already hustling for new members and deserves the send-off of a large attendance on Monday evening.

The bowlers of the club will meet at Thum's alleys at 3 p. m. on Monday, as usual.

Congratulations are extended to Herman Berkowitz, one of Young & Nugent's staff, on his approaching marriage, January 14, to Miss Beatrice Wagner, at Herrington hall, 214 Second street, New York.

The sympathy of the trade is extended to the Gunther brothers in the loss of their sister, Mrs. Arneth, wife of Lieutenant Arneth, of New York.

Matthews' fine Freesia Purity is now in the market, handled by Phil Kessler.

The Astoria bowlers and florists are planning a pleasure trip to Bermuda.

Since Christmas the seed houses have been enjoying a well earned rest and are now ready for a banner season. The travelers are starting on their routes in large numbers and report an encouraging outlook. The signs of general prosperity are increasing; many contracts are completed for extensive greenhouse buildings. "The New Year, blithe and bold, my friend, comes in to take his own."

Mrs. C. C. Trepel, of Brooklyn, is enjoying an after-Christmas holiday at Atlantic City.

Walter Siebrecht has had a hard siege since Christmas with ulcerated teeth.

William Kessler sold every plant in his conservatories for the retail Christmas trade and made many shipments, the mild weather preventing the loss of a single plant.

A. Moltz gave a Christmas celebration to his friends and customers last week in the bowling alleys of the Coogan building.

L. Coddington was a visitor on Friday, the guest of H. E. Froment. Mr. Coddington is shipping enormous quantities of roses daily from his many big houses.

[Concluded on page 74.]



FERNS, GALAX and LEUCOTHOE



We have handled evergreens for a number of years at other places and under other firm names, and we have learned by experience that **quality** and **promptness** are what the trade wants. We have gone from point to point hoping to find quality in these goods, but have never found it until now. We are prepared to furnish you on short notice the very finest quality.

	Per 1000		Per 1000
GREEN LEUCOTHOE, 16 to 24-in.	$2.50	DAGGER FERNS, good length	$1.00
BRONZE LEUCOTHOE, mixed lengths	3.50	GREEN GALAX	.50
FANCY FERNS, good length	1.00	BRONZE GALAX	.50

Liberal discount on large orders. All goods f. o. b. Hampton, Tenn.

HAMPTON EVERGREEN CO., Hampton, Tenn.

Mention The Review when you write

FANCY OR DAGGER FERNS

$1.00 per 1000. Write for prices on large orders.

Galax, 75c per 1000; $6.50 per case of 10,000. **New Bronze** now ready, write for prices.


Tel. Office, New Salem, Mass.
L. D. Phone Connection.
MILLINGTON, MASS.

Try our **Boxwood,** it's the finest that grows; no waste; 50-lb. case, $7.50.
Laurel Festooning, the best, 4c, 5c and 6c per yard.
The finest **Laurel Wreaths** made, $3.00 per dozen.
Branch Laurel, 35c for large bundle.
Sphagnum Moss, $4.00 per bale.
Bouquet Green, 8c per lb.
Southern Smilax, $5.00 per case of 50 lbs.
Green Moss, $1.25 per bbl.
Partridge Berries, 10c per bunch of 50 sprays.

A Special Lot of GROUND PINE, only $6.00 per 100 lbs. First come, first served.

CROWL FERN CO., : Millington, Mass.

Mention The Review when you write.

FERNS and GALAX

New crop, fresh from the patch.

Fancy and Dagger Ferns, 70c per 1000.
Green and Bronze Galax, 50c per 1000.
Green Leucothoe Sprays, $2.00 per 1000; short, 12 to 16-in., $1.00 per 1000.
Discount on large orders. 10 years' experience. Cash with first order.

R. L. HODGES, Banners Elk, N. C.

Mention The Review when you write.

1887--1912

SOUTHERN WILD SMILAX

Caldwell The Woodsman Co.

Everything in Southern Evergreens.

EVERGREEN, ALA.

Look! I am Located

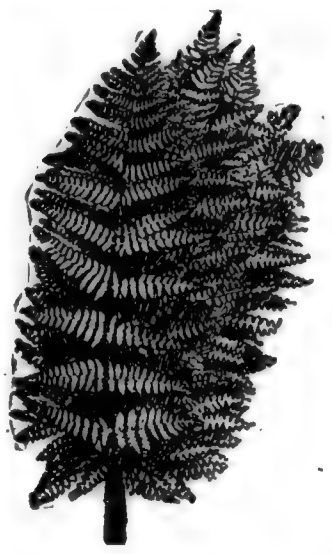
in a new country and my goods are nice, large and beautiful, and I am on the railroad and I ship the same day order is received. I am now offering a bargain in Evergreens.

Bronze Galax, 30c per 1000.
Green Galax, 30c per 1000.
Fancy and Dagger Ferns, 45c per 1000.
Bouquet Greens, 35c per 1000.
Leucothoe Sprays, 24 to 36-in., $1.00 per 1000.
Bronze Leucothoe, 20 to 30-in., $1.00 per 1000.
Nice Boxwood, 10c per lb.
Princess Pine, 10c per lb.

Satisfaction guaranteed. Give me at least a trial order. Cash with first order.

W. J. JOHNSON, Stack House, N. C.

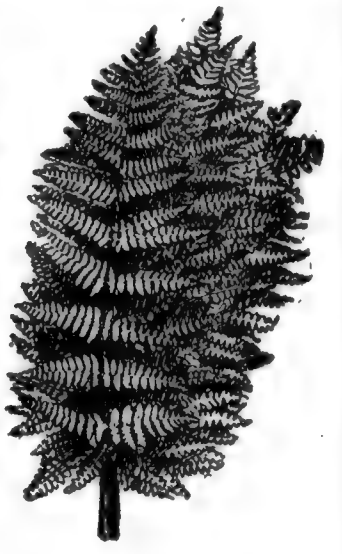
Mention The Review when you write



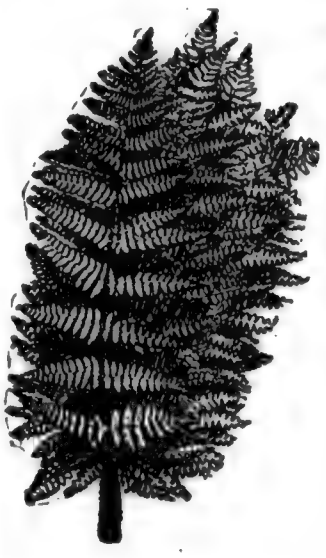
Fancy Ferns

Finest stock in the country

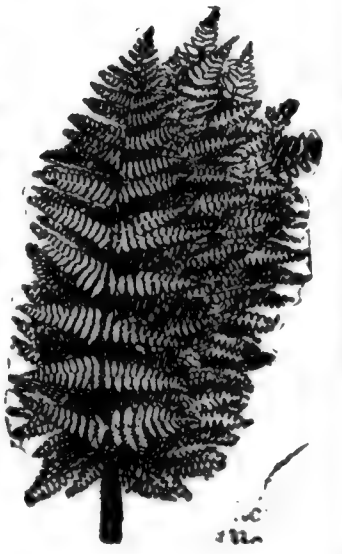
$1.75 per 1000 Discount on large orders. **$1.75 per 1000**



Place your standing orders with us.
Full supply all the year around.



Imported green and bronze Magnolia Baskets, $2.25; 6 baskets	each,	$2.00
Galax Leaves, green and bronze	per 1000,	1.25
Green Leucothoe Sprays, extra fine	per 1000,	7.50
Boxwood	per lb., 20c; per case, 50 lbs.,	7.50
Wild Smilax	50-lb. case,	5.00
Sphagnum Moss	large bales,	1.50



Full supply Cut Flowers at all times.

Michigan Cut Flower Exchange

38-40 Broadway, Detroit, Mich.

Mention The Review when you write.

Sprays - - Ferns

NEW CROP, FRESH FROM THE PATCH



Fancy and Dagger Ferns, $1.00 per 1000.



Long Green Leucothoe Sprays, $2.50 per 1000.

Short Green Leucothoe Sprays, $1.25 per 1000.

Bronze Leucothoe Sprays, assorted lengths	$3.50 per 1000
Bronze Galax	.50 per 1000
Green Galax	.45 per 1000
Hemlock Sprays	1.50 per 1000
Rhododendron Sprays	2.00 per 1000
Mountain Laurel Sprays	1.50 per 1000

Discount on large orders. Eighteen years in the business. Send me your orders.

J. N. PRITCHARD, Elk Park, N. C.

Mention The Review when you write.

J. A. YATES

South's Quickest Shipper.
All Kinds of Decorative Evergreens.
Wire or write.

SATISFACTION GUARANTEED.

J. A. YATES. McWilliams, Ala.

Mention The Review when you write.

We are now shipping

Southern Wild Smilax

Natural and Perpetuated

SHEET MOSSES

E. A. BEAVEN, - EVERGREEN, ALA.

Always mention the Florists' Review when writing advertisers.

Fancy and Dagger Ferns Green and Bronze Leucothoe



Just before Christmas we got started in our fifth year of handling **Decorative Evergreens,** but this year we have left off **Galax** entirely, which enables us to give more special attention to **Ferns and Leucothoe.**



We have secured a tremendous stock of **absolutely fresh "A-1"** stock of both **Fancy and Dagger Ferns, extra length, extra quality; Green and Bronze Leucothoe,** the **best** and **largest** the country produces.

We pack all goods in neat, dry boxes, made from thin poplar, which adds but little weight to the goods. If **quality** is the first thing you want, then you cannot afford to fail to give us a trial order.

	Per 1000
Fancy Ferns	$1.00
Dagger Ferns	1.00
Green Leucothoe, long size	2.50
Green Leucothoe, short but large	1.25
Bronze Leucothoe, assorted lengths	3.00

We allow discounts to suit the size of your order, and always guarantee every shipment. Give us a trial, your credit is good with us (unless you have beat us in the past).

T. J. RAY & CO., Elk Park, N. C.

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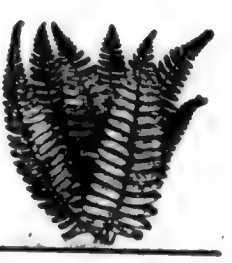


LOOK! ACT!

Fancy Ferns	$3.00 per case of 5000
Green Leucothoe, long lengths	$1.75 per 1000
Green Leucothoe, 10 to 16-in. lengths	.90 per 1000

Order now. Stock guaranteed. Cash with order.

F. H. STINSON, Banners Elk, N. C.

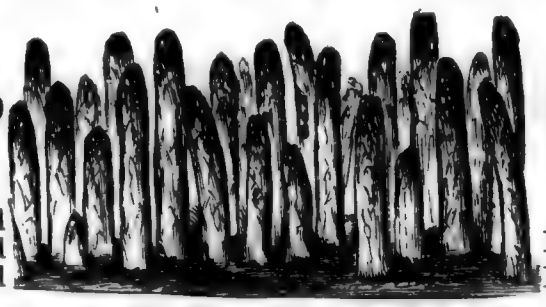


Always mention the Florists' Review when writing advertisers.

FOR WINTER FORCING

MAMMOTH ASPARAGUS ROOTS

Per dozen .....$ 1.00 postpaid
Per 100. ..... 4.00 postpaid
Per 1000. ..... 35.00 postpaid



MAMMOTH RHUBARB CLUMPS

Per dozen .....$ 1.75
Per 100 ..... 10.00

SELECTED MAMMOTH ASPARAGUS ROOTS

From a renowned specialist, will force in four weeks, the most tender and delicious Asparagus. Can be forced under greenhouse benches or in cellars. Customers were delighted with their success last season, and are doubling their orders. 250 roots will be sold at the 1000 rate. Special quotation will be given on large lots. Write for our Wholesale List for Florists and Market Gardeners. Just issued.

JOHNSON SEED COMPANY, 217 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

Vegetable Forcing.

STEM-ROT OF RADISHES.

Will you please give me some advice as to what to do with the radishes in my greenhouse? The plants rot off just above the ground. The stems seem to get black and fall right over.

W. K.

Your radishes are attacked by the common stem-rot or damping-off fungus, which spreads rapidly over the surface of the soil. Pull up the diseased plants; scrape off the top of the soil where they grew and throw it out. Then scatter some air-slaked lime dust over the surface of the soil, to prevent the spreading of the disease.

If the soil is pretty wet when the seed comes up or soon afterward, this disease is likely to appear, especially if there is manure or rotted matter showing on the top of the soil. Do not water until really necessary. Keep the ventilators open a little. H. G.

DISCONTINUE our Chinese primrose ad, as we are all sold out.—E. J. Ullrich, Tiffin, O.

Special to the Trade

We make a specialty of growing all kinds of Vegetable Plants for the Seed and Plant Trade, including the best varieties of Forcing Tomatoes, Asparagus, Cauliflower, Egg Plants, Peppers, Parsley, Lettuce, Cabbage, etc. Special prices made on large orders for spring delivery. Let us know your wants.

We have a fine lot of Tomato Plants, transplanted and potted: Comet, Lorillard, Bonny Best, Sutton's A-1, Sutton's Abundance and Winter Beauty, also Extra Early Erfurt and Snowball Cauliflower.

Cash required with orders from unknown correspondents

Fox-Hall Farm, R. F. D. No. 2, **Norfolk, Va.**

Mention The Review when you write.

BEST FRENCH SEED.

Radish, Scarlet Globe; Self-Blanching Celery; Lettuce, Improved Big Boston (quality extra), Black Seed Big Boston, Beaulieu's Forcing, 45 head fill up a barrel; Beaulieu's Globe White Tipped Forcing (⅓ pink, ⅓ white) new radish; White Tipped Scarlet turnip; Beet, Detroit, Crosby; long smooth parsley, large rooted, extra; Spinach, Savoy, Viroday, Triumph, etc.; Endive, Curled and Escarolle. All this has been selected by myself and is the quality as used by the market gardeners of Paris. Send for prices.

BEAULIEU,
Woodhaven, Borough of Queens, New York.
Mention The Review when you write.

These Three Booklets and Catalogue



are mailed free on request to particular planters. May we send **you** one or all?

Tomato Facts tells why Livingston's Famous Tomatoes are ahead of all others. Relates how we grow **tons of tomato seeds** every year. Splendidly illustrated from photographs.

Profitable Onions is a sure guide to big onion profits. Describes the finest strains and sorts of American onions and tells how we produce them on our farms.

Seed Specialties reviews all important vegetables originally introduced by us, except tomatoes. This booklet proves that "true blue" seeds have helped to make gardening pay better.



Retail and Wholesale Catalogues for 1912

are now in the mails. Our regular customers receive them unsolicited. To others they are mailed free on request, and they are well worth the one-cent stamp it takes to get them. **Livingston's Seed Annual** is a fine book of 130 pages, illustrated throughout from photographs. Dependable descriptions and illustrations make the book a safe guide to varieties, types and strains. **Wholesale Price List** supplies fair prices for quality seeds. Write for both catalogues and choice of booklets today.

The Livingston Seed Co., Desk R, Columbus, Ohio

Mention The Review when you write



Watch for our Trade Mark stamped on every brick of Lambert's

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

P. C.
Trade Mark.

American Spawn Co., St. Paul, Minn.

Mention The Review when you write.

Want and For Sale Department

Advertisements under this head 10 cents per line, cash with order from all who do not do other advertising. In sending remittance count seven words to the line.

Display advertisements in this department $1.30 for one inch space.

When answers are to be sent in our care, add 10 cents for forwarding.

Plant advertisements not admitted under this head.

SITUATION WANTED—By young man, 27 years old, competent to manage store or greenhouse or both; an A No. 1 designer and decorator; ready to accept position on or about May 1. Address **No. 201**, care Florists' Review, Chicago.

SITUATION WANTED—By florist, capable of full charge in up-to-date retail place; 10 years' experience in this line; references as to ability and honesty;- single, strictly temperate. Address No. **16**, care Florists' Review, Chicago.

SITUATION WANTED—A successful up-to-date grower is open for engagement; thoroughly experienced in all branches; of proven ability, sober, intelligent and capable of producing first-class results; references. Address No. **5**, care Florists' Review, Chicago.

SITUATION WANTED—By sober young man, 26, experienced in growing roses, carnations and general line of cut flowers and plants; capable of taking charge of section; northwest preferred; state wages. Address No. **13**, care Florists' Review, Chicago.

SITUATION WANTED — By an up-to-date grower, German, life experience; understands any kind of cut flowers, stove and bedding plants; well up in landscape work; hard worker, sober and well recommended; please state wages; vicinity of Springfield, Mass., or Hartford, Conn., preferred. Address Florist, General Delivery, Stafford Springs, Conn.

SITUATION WANTED—Working foreman and manager; German, single, age 39; strictly sober, hustler and reliable; 25 years' practical experience in roses, carnations, mums, violets, fancy pot plants for Easter and Xmas; good designer and decorator; grow all odds and ends for a first-class retail place; please state full particulars in first letter; best of references. Address No. **20**, care Florists' Review, Chicago.

SITUATION WANTED—As foreman where full charge is given; over 18 years' experience on good wholesale and retail places; A-1 on roses, mums, carnations, bedding, Easter and Christmas stock; good manager, sober and reliable; capable of making a good place pay; Eastern states preferred; good salary or on shares; references. Address No. **19**, care Florists' Review, Chicago.

SITUATION WANTED—By competent all-round florist, 32 years of age, single, and with 20 years' experience in Europe and U. S.; am considered a first-class designer and a grower of fine reputation, fully capable of filling any position pertaining to the trade; I am of good appearance with sterling character and habits; will be at liberty 1st of March; amateurs need not answer. Address No. **21**, care Florists' Review, Chicago.

SITUATION WANTED—A general grower, propagator and head gardener is open for immediate engagement, either private or commercial; capable of taking full charge in either department, and can produce best results; life experience in the different branches of the profession, horticulture, floriculture, landscaping, nursery and the growing of vegetables; fully competent in managing help; single, German, aged 28; strictly temperate, no user of tobacco; will go anywhere, if good permanent position is offered; can furnish best of references; please state full particulars with salary in first letter. Address No. **6**, care Florists' Review, Chicago.

SITUATION WANTED—By young married florist, first-class carnation grower, can give the best of references. Address No. **219**, care Florists' Review, Chicago.

SITUATION WANTED—As working foreman; German, single, age 36; life experience; A-1 reference; middle west preferred. Address J. L., 406 W. Exchange St., St. Paul, Minn.

SITUATION WANTED—As grower of roses, carnations and general stock; 19 years' experience; married man. Address C. A. L., 311 E. Clay St., Richmond, Va.

SITUATION WANTED—In first-class retail store in Chicago by first-class decorator and designer; best of references. Address No. **15**, care Florists' Review, Chicago.

SITUATION WANTED—By single young man, 20 years of age, experienced in cut flowers, ferns, general stock, etc.; no drinker; state wages. E. Henny, 406 Binz Bldg., Houston, Tex.

SITUATION WANTED—By florist, 25 years' experience as grower; specialties, roses, carnations, mums, bulbs, general all-round designer, decorator; good wages; best references. Florist, 275 Magnolia St., Detroit, Mich.

SITUATION WANTED—By orchid grower, life experience, to take entire charge of private or commercial place; highest references; recommended by Carrillo & Baldwin. Address No. **4**, care Florists' Review, Chicago.

SITUATION WANTED—At once, by all-round florist, A-1 grower of roses, carnations, mums and potted plants; good propagator; can furnish references; am strictly temperate. Address No. **17**, care Florists' Review, Chicago.

SITUATION WANTED—By young man, as assistant in up-to-date store; capable to take charge of small store or greenhouse office; middle or western states; A1 reference. Address No. **7**, care Florists' Review, Chicago.

SITUATION WANTED—By a single middle aged man, good grower of roses, carnations, mums and general stock; good designer; honest and sober; capable of taking charge; retail preferred. Florist, 733 South State St., Chicago, Ill.

SITUATION WANTED—Young man, single, of clean habits, modern culture and thorough understanding of business as grower and designer, wishes to take charge of a small or medium place; entire satisfaction guaranteed; expect good salary; give details. Address Florist, care Mrs. D. Margolin, 3915 Scoville Ave., Cleveland, Ohio.

HELP WANTED—At once, good grower of roses and carnations. Wellworth Farm Greenhouses, Downers Grove, Ill.

HELP WANTED—A young lady florist to help in store and office; references. Address No. **11**, care Florists' Review, Chicago.

HELP WANTED—A good all-round greenhouse man; a man of experience; can use him at once; we want no drinking man. The Newburys, Mitchell, S. D.

HELP WANTED—A young florist, experienced in growing ferns and bedding plants; capable of taking charge of growing plants for retail trade; state experience and wages expected. F. Weissgerber, 3451 N. Hamilton Ave., Chicago.

HELP WANTED—In the west, good all-round florist; must be able to produce the goods; must be sober and industrious, capable of taking entire charge; reference; steady position for right man; state wages. Address No. **209**, care Florists' Review, Chicago.

HELP WANTED—Experienced working floriculturist, thoroughly familiar with cut flowers, potted plants and landscape gardening; state age, nationality, education and experience; furnish first-class reference; position all year around; salary $50 per month and residence. Apply to H. W. Geller, Woodbine, N. J.

HELP WANTED—Young man on commercial place as pot grower of azaleas, begonias, Easter stock, bulbs, bedding stock and palms; will give full charge of pot stock; convenient place near fine city; wages, $14.00 per week; send references and nationality in first letter. Address No. **222**, care Florists' Review, Chicago.

WANTED ON SHARES—Greenhouses with land; would buy later; state size. Address No. **18**, care Florists' Review, Chicago.

WANTED TO LEASE—With privilege of purchase, small greenhouse establishment; Illinois, Indiana or Michigan preferred; if you want to sell, write and submit proposition; all offers considered. Address No. **10**, care Florists' Review, Chicago.

WANTED—An honest, ambitious, abstaining young married man, for management rather than work, with some knowledge of greenhouse work, on percentage and salary per month or otherwise; our place has made good; wish to retire soon; reference exchanged. Cherry Park Gardens, Fredonia, N. Y.

FOR SALE OR RENT—Retail place in Indiana; easy terms to buyer; immediate possession; don't write unless you have some cash and mean business. Address No. **3**, care Florists' Review, Chicago.

FOR SALE—An old established greenhouse business, 16,000 feet of glass; am getting too old to handle the increasing trade; see our books and our work and you will be convinced that this is a good investment; don't answer unless you have at least $2000; balance on long time. Address No. **9**, care Florists' Review, Chicago.

FOR SALE—Florist store, stock and fixtures; bargain. Cella, 2100 Columbia Ave., Philadelphia, Pa.

FOR SALE—5 greenhouses; a bargain; easy terms; profit $6,000 per year. T. A. Gettys, Amarillo, Tex.

FOR SALE—One boiler, 16 ft. long, 5 ft. diameter, containing 52 4-inch flues; price $60.00. George F. Odor, Iola, Kansas.

FOR SALE—My Seedling Transplanter; with it you can set in 5000 plants per day; send for circular. Albert A. Sawyer, Forest Park, Ill.

FOR SALE—Flower stand in department store in large city of central Minnesota; $400 cash for stock, fixtures and good will. Address No. **8**, care Florists' Review, Chicago.

FOR SALE—5500 ft. of glass, fully stocked, doing good business; southwestern Ohio; business this year one-third more than last. Address No. **14**, care Florists' Review, Chicago.

FOR SALE—Royal Heater steam boiler, 1000 ft. capacity, used only two years; in first-class condition; cost $200.00, will sell for $125.00; also 655 ft. steam radiation at greatly reduced price. The Wing Seed Co., Mechanicsburg, Ohio.

FOR SALE—Well established floral wire design business in Chicago, doing a $2,000 to $2,500 business per year; could be increased; terms reasonable. For further information address No. **202**, care Florists' Review, Chicago.

FOR SALE—A good live business and stock in an up-to-date lively factory town of 6000; will lease modern residence, greenhouses and land for a term of years; only those who mean business need to reply; southern Michigan. Address No. 134, care Florists' Review, Chicago.

FOR SALE—The long established florist business of John E. Haines, Bethlehem, Pa., recently deceased; 24,000 feet of glass; the business is now successfully and profitably conducted by his executor, but must be sold to carry out the provisions of his will. L. F. Leibfried, Executor, Estate of John E. Haines, dec., Bethlehem, Pa.

FOR SALE—5 greenhouses in a famous summer resort on the Jersey coast; an established business, retail and wholesale, one hour from New York city by train or boat; houses built by Lord & Burnham and mostly planted with carnations, White and Pink Enchantress; potting shed and packing house, 100 feet long, with cellar under all; can be bought on easy terms. For further information apply to John Bennett, Atlantic Highlands, N. J.

FOR LEASE—At once, The Staton Greenhouse at Columbus, Kansas, 3250 ft. of glass, together with 20 acres garden soil, fine 9-room home with gas and good phone service, large new modern barn, potato cave, and out houses, all painted and in good repair; 4 excellent railroad connections with immediate market; ½ mile from fine city schools; all for $300.00 year. Possession immediately, ½ rate $140.00. Write to S. E. Staton, 1146½ Tenn. Street, Lawrence, Kansas.

Is There In or Around New York City

an experienced florist with an established trade, who is looking for a good business man as partner? If so, I want to correspond with him. Am 33 years old; 4 languages; will put in a few hundred dollars and my services. Will be ready about March or even before. Address

No. 1, care Florists' Review, Chicago.

STOREMAN

Young man, competent decorator and designer, accustomed to high class trade, desires to locate where honesty, sobriety and ability will prove an asset.

Address Box 322, Richmond, Va.

Situation Wanted

Competent manager, acquainted with financing, as well as every branch of the florist business, including wholesale, import, mail and catalogue trade, also advertising; U. S. and European experience; willing to take charge of a place in live town at moderate salary and work the business up for a small interest in same. Have also assistant competent grower to help, or he will accept separate position. Address

No. 12, care Florists' Review, Chicago

WANTED, POSITION

By lady bookkeeper and cashier of experience, and best of references, in a florist store; New York preferred. Address **Bookkeeper**, care Box 545, New York City.

SITUATION WANTED

By young, active, single man. 28 years of age, 8 years' experience as grower on first-class commercial places; experienced in carnations, mums, bedding stock and rose grafting for inside culture. Address

ARNOLD WINKLER, 61 Cordis St., Wakefield, Mass.

Help Wanted

All-round plantsman for bedding plants, blooming and decoration plants, also roses and carnations; must have experience, steady, good hard worker and sober; state age and nationality; wages $60.00 per month. **Address No. 2, care Florists' Review, Chicago.**

HELP WANTED

A young man as a helper, who has had some experience in a commercial place. Position open January 1st. Send references and salary expected in first letter.

Hayman Greenhouse Co.
Clarksburg, W. Va.

Wanted, Traveling Salesman

For Bulbs, Seeds, Etc.

Must be experienced and a good worker. State salary. Confidential. Address No. **216**, care Florists' Review, Chicago.

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WALTER P. STOKES, Seedsman,
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NOTICE!

On account of fire at our place December 31, it is specially important that our patrons REMIT AT ONCE for all accounts owing to us.

Mosbaek Greenhouse Co., Onarga, Ill.

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for one of the largest Wholesale Flower Businesses in Boston. Must be thoroughly acquainted with the handling of large quantities of cut flowers, be well recommended and of good executive ability. Apply to

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1 A Park Street, BOSTON, MASS.

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We manufacture the most complete line of High-grade Boxes at reasonable prices.

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16x 4 x3	$ 1.85
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18x 5 x3	2.15
21x 5 x3	2.50
24x 5 x3½	3.00
30x 5 x3½	3.30
36x 5½x3½	4.50
21x 7 x3½	3.25
24x 8 x4	3.85
28x 8 x4	4.35
28x 8 x5	5.00
36x 8 x5, Telescope	7.00
30x10 x5 "	7.50
36x10 x5 "	9.00
40x 8 x5 "	9.00
42x 8 x5 "	11.00
42x10 x5 "	13.00
48x10 x5 "	15.00

White Glaze, Green Glaze, Pink Glaze	Per 100
16x 4 x3	$ 2.65
20x 4 x3	3.00
18x 5 x3	3.00
21x 5 x3	3.50
24x 5 x3½	3.75
30x 5 x3½	4.50
36x 5½x3½	5.65
18x 6 x3½	3.65
21x 7 x3½	4.00
21x 8 x4	4.65
24x 8 x4	5.25
28x 8 x4	6.00
28x 8 x5	6.50
36x 8 x5, Telescope	9.00
36x10 x5 "	11.00
40x 8 x5 "	11.00
42x 8 x5 "	13.25
42x10 x5 "	15.00
48x10 x5 "	18.00

Spray, Design and Miscellaneous Palm Green	Per 100
18x 6x3½	$ 2.75
15x 6x5	3.50
21x 8x4	3.50
24x 8x5	4.00
23x12x5, Telescope	7.50
12x12x8 "	9.00
30x12x6 "	10.00
16x16x8 "	10.00
20x20x8 "	13.00
24x24x8 "	15.00
28x22x8 "	16 00
28x28x8 "	19.00
32x32x3 "	25.00
20x12x8 "	10.00
24x14x8 "	12.50
30x14x8 "	14.50
32x17x8 "	16.00
36x14x8 "	16.00
40x14x8 "	17.50
36x17x8 "	18.50
42x17x8 "	20.00

Spray, Design and Miscellaneous Mist Gray	Per 100
28x 6x 4	$ 3.50
24x 8x 5	4.00
30x 9x 4, Telescope	6.50
20x12x 8 "	10.00
24x14x 8 "	13.00
30x14x 8 "	15.00
48x 8x 5 "	12.50
30x12x 6 "	10.50
12x12x 8 "	9.50
14x14x 8 "	10.00
16x16x 8 "	10.50
20x20x 8 "	13.50
24x24x 8 "	15.50
24x24x10 "	20.00

Violet Boxes. White and Violet Glaze.	Per 100
7x4x4	$2.50
8x5x5	4.00
10x6x5½	5.00
12x8x5½	6.00
Plain Violet	
7x4x4	1.75
10x6x5½	2.50
11x8x5½	3.50
Mist Gray	
7x4x4	2.50
8x5x5	2.75
10x6x5½	3.00
12x8x5½	3.50
Palm Green	
12x8x5½	3.50

All our Flower Boxes are made from Moisture-Proof Board.

No printing charges on lots of 300 or over. **Special discounts allowed on quantity orders.** **Complete samples sent on application.**

A. A. ARNOLD, **16-18-20-22 South Peoria Street,** **CHICAGO**

CLEVELAND.

The Market.

The holiday season just past has been the best for all-around business that the local florists have enjoyed for several years; stock of all kinds cleaned up every day.

Killarney roses, while lacking in color just before Christmas, came in fine at the last minute and for the last ten days have been all that could be desired. Richmond was in good crop, but the call for red roses was heavy and nearly all of the retailers oversold and had a hard time to fill all orders for this color. Carnations were about equal to demand and the quality was good. Violets were plentiful, but the surprise of the week was that, although the warm, open weather was just suited to the wearing of corsages, the demand was not what was expected.

Pot plants of all kinds sold well; some of the stores resembled Easter in this respect, as the quality and quantity of azaleas, begonias, etc., were away above the standard usually seen at this season of the year. Poinsettias grown in pans were scarce and not as good as usual, but there were plenty of the cut ones in all grades up to $8 retail and they sold well; never before have we had such a good year for this grand flower.

A few French Trumpets are on the market and sell on sight, and some early tulips in red, yellow and white are noted, but the stems are short. White roses, white carnations and Paper White narcissi, which usually go slowly at this season, were all sold out at good prices. Valley was scarce and the quality not what it should have been.

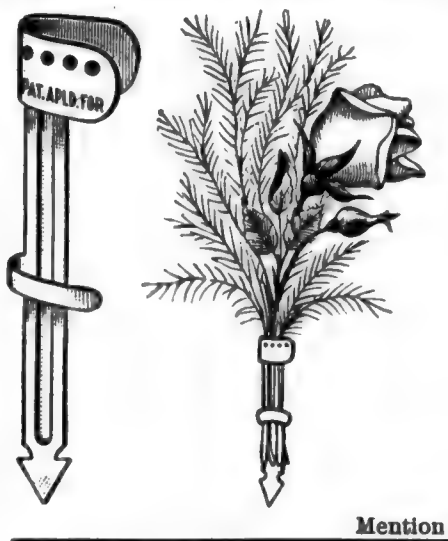
Various Notes.

Cleveland expects to have a special car to Detroit for the rose and carnation meetings, leaving the night of January 9. About twenty florists have signified their intention of going, and any downstate florists who wish to meet the boys here and go on this car will please notify Frank Friedley, Rocky River, O., secretary of the Florists' Club, and space will be reserved for them.

Don't forget the next bowling night of the club league, Monday, January 8, at 2610 Detroit street. "The Christmas Bells," with Charles Graham, captain, meet "The Corsage Bouquets," Herbert Bate, captain.

S. S. Skidelsky was a recent visitor.

F. A. F.



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No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x28	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x20	6.25 per 100
No. 11	8½x8x30	8.25 per 100
No. 12	6x12x39 (telescope)	10.00 per 100
No. 13	5x10x30	5.50 per 100
No. 14	6x16x39	10.00 per 100

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LOUISVILLE, KY.

The Market.

Business for the holidays has been away ahead of previous years and the local craft is wearing "the smile that won't come off." The weather man was fairly good to us, giving us a bunch of mild weather December 23, 24 and Christmas day, and little wrapping was needed, which no doubt was a big lift to the store people. Although plants are becoming more popular for Christmas each year, cut flowers are still the leading factor, and top prices were realized on everything, with all lines a little short of demand.

Violets, valley, orchids and gardenias were the one best bet for corsage work, and Rose Mrs. Aaron Ward came in for a good call in the same line, but the supply of them was rather short. Poinsettias were in good shape, but demand for them was not as good as in previous years, although made up in pans and baskets they had a good season; in fact, the nice, short plants were a little scarce. Other plants, such as azaleas, begonias, rhododendrons and pans of valley, were cleaned out, as well as the various berried plants.

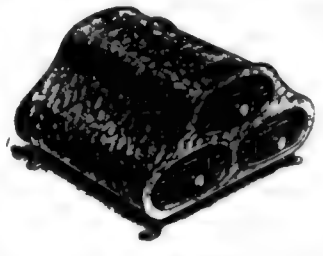
Holly and other Christmas greens were a little short of demand, holly especially, as there was none to be had after Friday. On the whole, it was of better quality than in former years. Quantities of winter berries were disposed of.

Funeral work since Christmas has kept all lines of stock cleaned up and prices have not changed much during the week. Several social functions for New Years's eve and day kept local decorators on the jump and some nice jobs were sent out. K. R.

Coldwater, Mich.—Van Aken Bros. say holiday trade was a little ahead of last year, with plants leading.

INSURANCE OF YOUR PLANTS FROM FREEZING in cold weather may be obtained at trifling cost if you will use a

Lehman Wagon Heater



There is no danger of fire; no smoke, dirt or gases to injure the plants. They burn **Lehman Coal,** which costs less than half a cent per hour. **400,000 Lehman Heaters** are in use, which clearly shows they have merit. Florists everywhere use and recommend them **Have you one? Beware of imitations!** Write for circular telling more about them.

LEHMAN BROS.,
Manufacturers,
10 Bond St., NEW YORK

J. W. ERRINGER,
General Western Sales Agent,
20 E. Randolph St., CHICAGO, ILL.

Mention The Review when you write.

CUT FLOWERS
PAPER WHITE NARCISSUS
A fine strain.....$1.50 per 100.
Cash.
MISSES WILSON
Cor. Mildred and Pleasant Sts.
MONTGOMERY, ALA.
Mention The Review when you write.

BUY YOUR FLORISTS' SUPPLIES FROM
L. BAUMANN & CO.
357-359 W. Chicago Ave., CHICAGO, ILL.
We have the largest and most complete stock, Sea Moss, or Japanese Air Plant; Natural prepared Ferns, Cycas Leaves, Magnolia Leaves, Cycas Wreaths, Magnolia Wreaths, Moss Wreaths, Metallic Designs and a big line of Novelties.
Mention The Review when you write.

Florists' Refrigerators
Write us for catalogue and prices, stating size you require and for what **kind of cut flowers** you wish to use the refrigerator; also state whether you want it for **display** or only for **storage.**
McCray Refrigerator Co 368 Lake St. Kendallville, Ind.

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Plants Sell Better



when the ugly clay pots are hidden by the attractive and artistic
EVER-READY POT COVERS
Strong cardboard foundation. Best quality waterproof crepe paper, silk fiber ribbon ties at top and bottom. Firmly held with improved metal fastenings. Furnished in four colors and many sizes. Write for samples and price list today.
EVER-READY FLOWER POT COVER CO.
146 Hughes Ave., Buffalo, N. Y.

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SPLIT CARNATIONS
Quickly, easily and cheaply mended. No tools required.
Pillsbury Carnation Staple
Patented 1908.
2000 for $1.00 postpaid.
I. L. PILLSBURY
GALESBURG, ILL.

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Seven Pages of Retailers' Cards

This department for the cards of Leading Retail Florists — those florists who have the facilities for filling the orders sent them by other florists — has made possible the recent rapid development of this branch of the business, a branch of the trade now established for all time and so helpful that its volume will keep on increasing for many years.

Are you sending and receiving your share of these orders? You can send your share (and make 20 per cent profit without effort) if you let your customers know you can perform this service for them. To receive your share—well, The Review's department for Retailers' cards remains the one way of getting prompt action on the order in hand.

To be represented costs only 70 cents per week on a yearly order. This is for one-inch space. Other spaces in proportion.

Why not send your order today—now—before you forget it?

LOUISVILLE, KENTUCKY

JACOB SCHULZ, Flower Shop, 550 South Fourth Avenue, Greenhouses, 831 Cherokee Road.

Personal attention given to out-of-town orders for Louisville and surrounding territory. Member Florists' Telegraph Delivery

E. R. FRY, Florist
Rochester, N. Y.
I have constantly on hand a seasonable variety of fresh cut flowers, which I will deliver promptly in Rochester and adjoining towns.

KENOSHA, WIS.
and all points between
CHICAGO AND MILWAUKEE
Mail, wire or phone your orders to
P. N. OBERTIN, 567 Chicago St., KENOSHA, WIS.

Indianapolis, Ind.
241 Massachusetts Ave.
Bertermann Bros. Co.
LEADING FLORISTS
Members Florists' Telegraph Delivery Ass'n.

Lexington, Ky.
JOHN A. KELLER, Florist
High Grade Cut Flowers and Designing : : : :
All orders entrusted to us for Central Kentucky will have careful attention.

Lang Floral & Nursery Co., DALLAS, TEXAS
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

Prompt and personal attention given all orders.
MRS. J. T. HINCHLIFFE
FLORIST
504-506 Wisconsin St., Racine, Wis.

Special care taken with telegraph orders for
DETROIT AND VICINITY
L. Bemb Floral Co., Albert Pochelon, Prop., 153 Bates St.

Chas. W. Crouch, KNOXVILLE, TENN.
The Leading Florist of the South
All Orders Given Special Attention

GEO. C. BAKER, Florist
206 E. Park Ave., San Antonio, Texas

Mankato, Minn.
The Windmiller Co.
Will fill orders for Minnesota and the Dakotas.
Member Florists' Telegraph Delivery.

Newark, Ohio
CHAS. A. DUERR, The Arcade Florist
Auto. Phone 1840
Greenhouses, Granville, Ohio—Phone 26
Member Florists' Telegraph Delivery

DENVER.

The Market.

"The best Christmas we ever had," is the almost universal report of Denver florists. This comes as a surprise, when one considers that for the last few months there has been a constant cry of "hard times." Perhaps it is on account of hard times that florists in general fared so well. Many people who in other years have been able to buy elaborate presents, this year confined many of their gifts to plants and cut flowers as being most suitable for the amount they were willing to spend.

Azaleas and cyclamens were the best sellers in the plant line. Poinsettias were in demand, but there were few really good ones. Begonia Lorraine was pushed to the rear, and several retailers lost heavily on this plant. It was late in coming into bloom, was put into a warm house and forced. Not being thoroughly hardened off before being sent out, it dropped its blooms and was altogether unsatisfactory. It will probably be a difficult matter to sell it to the same customers next Christmas.

During the early part of the week cut flowers were scarce, but on Saturday and Sunday there was a noticeable increase in the cut, and late Christmas day some of the retailers had stock left over.

American Beauties were off crop in nearly every establishment, and the supply of these came mostly from

BUTZ BROS.
Established 1851
New Castle, Pa.
Orders executed between Pittsburg and Erie and all western Pennsylvania points.

Canada's Florist
Dunlop's
96 Yonge St., TORONTO

"WE NEVER SLEEP"
IDLEWILD GREENHOUSES, **Memphis, Tenn.**
89 South Main Street
"Up-to-the-minute" Service and Execution. Every Flower in Season.

WILSON BROOKLYN New York
Telephone, 6800 Prospect

Louisville, Ky.
F. WALKER & CO., 634 Fourth Ave.

Pontiac, Ill. W. J. Miller & Son 412 E. Payson St.

All orders receive prompt and personal attention.
LOU HELEN DUNDORE, THE ROSERY
110 W. King St., LANCASTER, PA.

CORNELL and WELLS COLLEGES and
CENTRAL NEW YORK ORDERS
Dobbs & Son, Wholesale and Retail Florists, Auburn, N.Y.

CLARK, FLORIST, SCRANTON, PA. 124 Washington Ave.
Member Florists' Telegraph Delivery. Orders for Northeastern Pennsylvania filled promptly. Usual discount. Both Phones No. 2454.

LEADING RETAIL FLORISTS

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Bell Main 2809
Cuy. Central 1866

The Smith & Fetters Co.
LEADING FLORISTS
735 Euclid Ave., **Cleveland**

Samuel Murray
KANSAS CITY, MO.
913 Grand Ave.
All Orders given Prompt and Careful Attention
Member of the Florists' Telegraph Delivery.

Cable and Telegraph, Franzen. Phone Rav. 2876
CHICAGO
FRANZEN
1476-78 SUMMERDALE AVE.

TRENTON, N. J.
MARTIN C. RIBSAM
THE FLORIST
Messenger delivery to Princeton, New Brunswick, Bordentown, Hightstown, Lawrenceville and Lambertville, N. J.

Send Your **PHILADELPHIA** Orders to...
CHARLES HENRY FOX
BROAD AND WALNUT STREETS
Always on Time

Rockford, Ill., H. W. Buckbee

S. B. STEWART
119 No. 16th St., OMAHA, NEB.

Wholesale and retail orders for
CUT FLOWERS, FUNERAL DESIGNS, etc.
by telegraph will receive prompt attention at
IRA G. MARVIN'S, Wilkes-Barre, Pa.

Benson's Flowers
Indianapolis, Ind. DELIVERED ANYWHERE

R. Strohmeier, Aberdeen, S. D.
Prompt Attention Given to Out-of-town Orders

Orders for **Charleston, W. Va.**
are given prompt and careful attention by the
CHARLESTON CUT FLOWER AND PLANT CO.

Brockman's Flower Shop **Fort Smith, Ark.**
Leading florists in fastest growing city in the southwest.

Archias Floral Co. SEDALIA, MISSOURI
Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

J. F. WILCOX & SONS, 521 Broadway, Council Bluffs, Iowa.
Wholesale and Retail
Largest Greenhouse Establishment West of Chicago.
Orders delivered anywhere, including Iowa, Nebraska, North Dakota and South Dakota. Free deliveries to Omaha.

MILLS THE FLORIST, Inc.
36 W. Forsyth Street
Jacksonville, Fla.
We reach all Florida and South Georgia points.

Send flower orders for delivery in
BOSTON AND ALL NEW ENGLAND POINTS
To THOS. F. GALVIN, Inc.
124 TREMONT ST. BOSTON

North Dakota
IOWA
All Orders Promptly and Properly Executed.



South Dakota
MINN.
40,000 feet of Commercial Cut Flowers.
The Newburys, Mitchell, S. D.

Council Bluffs. The call for tea roses, except in red, was light. Violets were not priced as high as in previous years, being $1.50 per hundred instead of $2. They were about equal to the demand.

Of greens, such as fern leaves, smilax and leucothoe, there was a plenty, everybody having ordered an extra supply. Christmas greens and wreaths were sold out, notwithstanding the report circulated early in the week that there was a great surplus.

Since Christmas, business has kept up remarkably well. There have been a number of society events which have called for elaborate decorations, corsage bouquets, etc.

Various Notes.

The regular monthly meeting of the Colorado Florists' Club has been postponed from Monday, January 1, to Monday, January 15. The entertainment committee is working hard to get up a fine program, and a good attendance is anticipated.

The store at 1710 Welton street, which was started a short time ago by Ricketts & McDonald, has been closed and the fixtures moved.

C. Zbendin has given up the store at Fifteenth and Lawrence streets. After being closed a few days it was opened by Robert Scheffel.

Mrs. L. A. Dunsmore had a better Thanksgiving and Christmas this year than ever before.

W. C. Walter vacated the store at Fifteenth and Cheyenne Saturday, December 30. His business will be confined hereafter to wholesale and retail trade at his greenhouses.

J. A. Valentine, N. A. Benson, Emil Glauber and W. H. Grimes expect to

Established 1859.
A. Wiegand & Sons
Florists and Decorators
1610 to 1620 N. Illinois St., Indianapolis, Ind.
Indiana's oldest, largest and most complete retail establishment.

Oklahoma City, Okla.
THE STILES CO.
Best able to fill orders for delivery in Oklahoma
MEMBERS FLORISTS' TELEGRAPH DELIVERY

Tonseth Floral Co.
325 Morrison Street
GROWERS AND RETAILERS
Portland, Ore.

The Fernery **SCHULTHEIS, FLORIST**
Write, Phone or Wire 612 Linden St., SCRANTON, PA.

Orders for southern MINNESOTA and northern IOWA will be properly cared for by
A. N. KINSMAN, Austin, Minn.

INDIANA and ILLINOIS
Promptness and very Freshest Flowers.
H. B. & C. E. STOVER, 118 So. 6th St., TERRE HAUTE, IND.

Frey & Frey, 1338 O St. **Lincoln, Neb.**
Wholesale and Retail
100,000 sq. ft. of glass at your service. Trade discount

Minneapolis, Minn. LEADING FLORISTS
SWANSON'S, 618 Nicollet Ave

DRUMM SEED and FLORAL CO.
507 Houston St., FORT WORTH, TEX.
Headquarters for Cut Flowers and Funeral Designs

J. J. BENEKE
1216 Olive St. ST. LOUIS, MO.

Baltimore, Md.
ALBERT G. FIEDLER & CO., 902 South Charles St.

I. N. KRAMER & SON
CEDAR RAPIDS, IA.

Colorado Springs, Colo.
Frank F. Crump Wholesale and Retail Florist
Member Florists' Telegraph Delivery.

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LOUISVILLE, KENTUCKY

M. D. REIMERS

New Location, "THE SEELBACH," and 223 S. FOURTH AVENUE

CHOICEST CUT FLOWERS

PERSONAL ATTENTION GIVEN TO OUT-OF-TOWN ORDERS

Orders for
BIRMINGHAM, ALA.
Well taken care of by
AMZI GODDEN SEED CO.
Established 1857.
Facilities for supplying everything in the line of CUT FLOWERS AND DESIGNS

BUFFALO
S. A. ANDERSON
440 MAIN STREET
Special Deliveries Niagara Falls and Lockport

Your orders for ATLANTIC CITY, N. J., will be carefully filled by
George H. Berke
1505 Pacific Ave.
Member Florists' Telegraph Delivery.

Write, Wire or Phone your orders to
YOUNG'S
1406 Olive St., ST. LOUIS, MO.
Regular discount allowed on all orders, either Plants or Cut Flowers.
Phones: Bell, Main 2306; Kinloch, Central 4981

SAN FRANCISCO
Podesta & Baldocchi
224 Grant Avenue
Prompt and careful attention to orders from out-of-town florists.

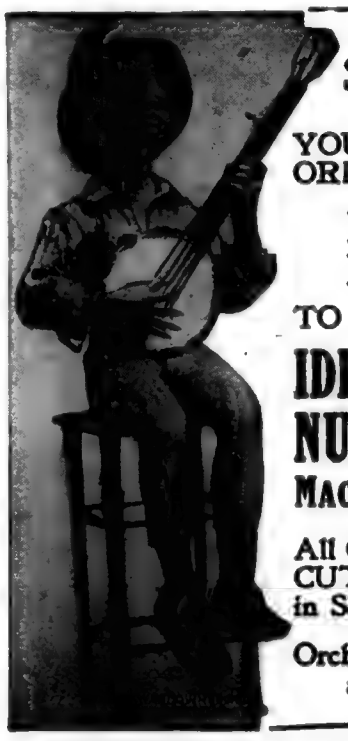
The Cleveland Cut Flower Co.
CLEVELAND, OHIO
Will fill your orders for Designs or Cut Flowers in Northern Ohio.

MARION FLORAL CO.: **Marion, Ind.**
Central Northern Points. Store: 406 South Adams

MRS. J. B. FREEMAN, LEADING FLORIST, Successor to Geo. A. Heinl **Toledo, Ohio**
All Orders Promptly Executed.

PROVIDENCE, R. I.
and all New England Points
T. J. JOHNSTON & CO.
171 Weybosset Street, Providence

BEYER FLORAL CO. SOUTH BEND, IND.
Daily deliveries to Notre Dame University and St. Mary's Academy.



SEND YOUR ORDERS FOR DIXIE LAND TO
IDLE HOUR NURSERIES
MACON, GEORGIA
All Choice CUT FLOWERS in Season
Orchids and Valley a specialty

MYER L. D. Phone 5297 Plaza
609-11 Madison Ave., New York

John Bauscher, Jr., FREEPORT, ILL.
100,000 SQUARE FEET OF GLASS.
At Your Service.

leave the latter part of the week for Detroit, where they will attend the American Carnation Society convention. M. R. J.

WASHINGTON, D. C.

The Market.

Christmas business was quite good, although rainy weather interfered to a considerable extent. This checked trade in flowers for wearing, but stock for table and other household uses, and for decorative purposes, was in great demand. The supply of roses, carnations, violets and other flowers was pretty well cleaned out, red roses being especially scarce, but there was a surplus of Easter lilies, valley and so-called spring flowers.

Prices for the holiday trade were medium, compared with the same period of previous years. Florists say that the demand for potted plants was good and that there seems to be a tendency on the part of the public in Washington, Philadelphia and other eastern cities towards increasing popularity of plants, as compared with cut flowers. This is said to be due to the fancy

We Guarantee Satisfaction
A. T. Bunyard FLORAL CO.
413 Madison Ave., Cor. 48th St., NEW YORK
Bellevue Avenue, Newport, R. I.

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand.
McKenna
MONTREAL

JOHN BREITMEYER'S SONS
Corner Broadway and Gratiot Ave.,
DETROIT, MICH.

FRED EHRET
WHOLESALE AND RETAIL FLORIST
1407 Fairmount Ave. and 702 N. Broad St.,
PHILADELPHIA
Orders for Philadelphia and surrounding country carefully filled on short notice.

Telephone 334 Main
S. Masur
236 Fulton St., Brooklyn, N. Y.

VASSAR COLLEGE
The Saltford Flower Shop, Poughkeepsie, N. Y.

WELLESLEY COLLEGE
Dana Hall, Walnut Hill, Rockridge Hall Schools
TAILBY, Wellesley, Mass.
Long Distance Tel., Wellesley 44-1, 44-2, 44 3.

TEXAS Dallas Floral Co.
DALLAS, TEX.
H. F. GREVE, Prop.

Rosemont Gardens
W. B. Paterson, Prop. 116 Dexter Ave., MONTGOMERY, ALA.

HESS & SWOBODA, FLORISTS
Telephones 1501 and L 1582
1415 Farnam Street OMAHA, NEB.

U. J. VIRGIN
838 Canal St. NEW ORLEANS, LA.

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DARDS, N. E. Cor. 44th Street and Madison Avenue, Telephones 4025-4026, 38th Street, NEW YORK

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union — Member Florists' Telegraph Delivery. — Established 1874

WILSON DELIVERS EVERYWHERE
New York New Jersey Long Island
BROOKLYN
3 AND 5 GREENE AVENUE
Tel. No. 6800 Prospect

The Livingston Seed Co.
FLORISTS
COVER ALL OHIO POINTS
114 N. High Street, COLUMBUS, OHIO

PORTLAND, ORE. Clarke Bros. FLORISTS OAKLAND, CAL.

KALAMAZOO, MICH.
G. Van Bochove & Bro., The Leading Florists

LA CROSSE FLORAL CO. **La Crosse, Wis.**
will properly execute orders in Wisconsin or the northwest.

LINCOLN, NEB. CHAPIN BROS. Retail Florists
Flowers for All Occasions, from Cradle to Grave

E. O. LOVELL GRAND FORKS
Will give prompt attention to all orders for delivery in North Dakota

A. C. BROWN, SPRINGFIELD, ILLINOIS
LARGE GREENHOUSES

Boehringer Bros.
325 Park Avenue, BAY CITY, MICH.

TERRE HAUTE, IND.
JOHN G. HEINL & SON 129 South 7th Street

Mrs. M. E. Hollcraft
807 Kansas Ave., TOPEKA, KAN.

MICHIGAN Orders will be carefully cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS.

Minneapolis Floral Co., WHOLESALE and RETAIL FLORISTS
MINNEAPOLIS, MINN.
Funeral designs on short notice. One of the largest establishments west of Chicago.

Send Orders for Washington, D.C. and vicinity to Blackistone Everything First-Class
14th and H Streets

Seattle, Washington
Hollywood Gardens
1534 SECOND AVENUE
MEMBERS FLORISTS' TELEGRAPH DELIVERY
Mention The Review when you write

Evanston and Chicago
JOHN WEILAND, EVANSTON, ILL.

Deliveries to Northwestern University and all North Shore Towns.
FISCHER BROS. 614 Dempster St., EVANSTON, ILL. L. D. Phone 2642

MONTREAL, We can fill all orders
HALL & ROBINSON, 625 St. Catherine Street, West

Wholesale and Retail orders for Cut Flowers, Funeral Designs, etc., receive prompt attention.
CLEVELAND, OHIO
G. M. NAUMANN & SON

Colorado Springs, Colo.
Orders Carefully Executed
PIKES PEAK FLORAL CO.
Wholesale and Retail

H. W. FIELD, The College Florist
NORTHAMPTON, MASS.
Home of Smith College
Send your orders to him for prompt and careful attention.

DALLAS, TEXAS
The Texas Seed & Floral Company
Orders for cut flowers and designs solicited for delivery in any part of Texas.

Pittsburg, Kan.—Bartlesville, Ok.
THE STEINHAUSER FLORIST & NURSERY CO (Inc.)
Growers and Shippers—Wholesale and Retail
Out-of-town orders given special and personal attention. Give us a trial.

South and Southwest Texas and sailing from Galveston.
H. H. KUHLMANN, Florist
2507 Jackson St., S. W. Phone, Hadley 1926-2230
2526 Washington St., Opp. Glenwood Cemetery, S. W. Phone, Taylor 628-1081.
Up town, 913 Main St., S.W. Phone, Preston 7141
HOUSTON, TEXAS

TRILLOW FLORIST Des Moines, Iowa
Will promptly execute all orders in this vicinity.

Aurora, Ill. Jos. M. Smely
and vicinity Phones 147

Richmond, Ind.
FRED H. LEMON & CO.
Florists and Decorators. Send us your orders.

W. P. McFARLAND L. C. McFARLAND
McFARLANDS, Florists
AKRON, OHIO

prices for cut stock that have prevailed in some quarters during the holiday season in former years, and the fact that the public would rather buy plants than cut flowers, when prices of the latter are high. Now the pendulum seems to be about to swing the other way, since holiday cut flowers brought only medium prices, while potted plants have advanced.

Orchid prices are reported high, but stock is going pretty well. An oversupply of narcissi is noticed on the market. Local florists expect nothing extraordinary this week, but florists are looking forward with optimism to the 1912 business. If only the money market will loosen up some, there should be no cause for complaint.

Various Notes.

George C. Shaffer did a big holiday business. His New York violets and gardenias were among the finest seen here in a long time. Mr. Shaffer's special holiday packages were most attractive; ribbons, boxes, cards and other accessories were thoroughly in accord with the holiday spirit.

Manager McKissick, of the S. S. Pennock-Meehan Co., went to Philadelphia last week and spent several days talking over business matters. He says that his firm's business throughout the east has been good.

The Washington Florists' Exchange

LEADING RETAIL FLORISTS

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Alexander McConnell

611 Fifth Avenue, Windsor Arcade — **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Calls: 340 and 341 38th Street — Cable Address: ALEXCONNELL — Western Union Code

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, **Pittsburg, Pa.**

Largest Floral Establishment in America

Established 1874--Incorporated 1909

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

Winona and Rochester, Minn.

For prompt and particular attention send your orders for Southwestern Wisconsin and Southern Minnesota to

John Fuhlbruegge

Grower and Retailer

ST. PAUL, MINN.

The Largest Store in America.

Members Florists' Telegraph Delivery.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

PASADENA, CAL.

13 East Colorado St.

The Orchid

Also all Los Angeles orders promptly filled.

MRS. LORD'S FLOWER ROOM

112 W. 8th Ave., TOPEKA, KAN.

STATE NURSERY CO.

CUT FLOWERS

155,000 sq. ft. of glass at your service. HELENA, MONTANA

Freeport Floral Co.

Telegraphic orders promptly attended to. FREEPORT, ILL.

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order.

11 North Pearl St., - ALBANY, N. Y.

Rock's Flowers Kansas City

Wm. L. Rock Flower Co.

KANSAS CITY, MO.

1116 Walnut Street

Members Florists' Telegraph Delivery

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Max Schling

NEW YORK

No. 22 West 59th Street

Adjoining Plaza Hotel

W. S. Lee FLORIST

Hippodrome Building, 44th STREET & SIXTH AVE. NEW YORK.

TELEPHONE 714 BRYANT.

STEAMER ORDERS A SPECIALTY.

CHICAGO

A. LANGE,

25 E. Madison Street

GALESBURG, ILL.

I. L. PILLSBURY—For Central Ill.

Member Florists' Telegraph Delivery Association.

is showing some of the first Trumpet Majors, grown by Albert Esch, and they are fine. Manager Albert Schnell, of this company, is up and about again, despite his attack of blood poisoning. The doctors think that he may entirely recover without an operation. Although his pain has been severe and his left arm is bandaged across his body, Mr. Schnell feels that he is lucky to be able to start the new year so well, considering the serious results that sometimes follow rose thorn pricks.

The flower shops were brilliant with special New Year's window displays. An especially attractive one was a huge clock dial of immortelles, with the hands pointing to the "magic hour" of 12, midnight, in a rustic frame laced with a profusion of cattleyas and other orchids. This was exhibited by Z. D. Blackistone.

Special New Year's baskets of flowers and other designs were shown by Small, Gude, Kramer and other downtown florists.

W. Marche is pointing proudly to several artistic silver birch-bark cov-

HUGO H. JAHN

710 Nostrand Avenue,

Tel. No. 1952 Bedford. BROOKLYN, N. Y.

Will deliver to Steamships, Theaters, anywhere within 20 miles of New York.

ARTISTIC WORK. PERSONAL ATTENTION.

Special care of your telegraph orders.

W. J. Palmer & Son

304 Main St., BUFFALO, N. Y.

Members Florists' Telegraph Ass'n

Orders by wire receive prompt and careful execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

ST. LOUIS, MO.

Flowers Delivered in City or State on Short Notice

F. H. WEBER

BOYLE AND MARYLAND AVENUES

Both Long Distance Phones

M. A. Bowe

IN HEART OF NEW YORK CITY

12 W. 33d Street, N. Y.

Opposite the Waldorf-Astoria.

Phone Madison Sq. 6404. Our Motto—The Golden Rule

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187 Main St., HARTFORD, CONN.

Orders solicited for Connecticut and nearby points.

Tel. Charter 5591-2. Floral Designs a Specialty.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

CHICAGO — Send Your Orders to.. William J. SMYTH

Member Florists' Telegraph Delivery Association. **Michigan Ave., at 31st St.**

Established 1857.

Wittbold FLORIST

737-739 Buckingham Place

L. D. Phone 1112 Graceland — CHICAGO

Send us your retail orders. We have the best facilities in the city.

"WE STRIVE TO PLEASE"

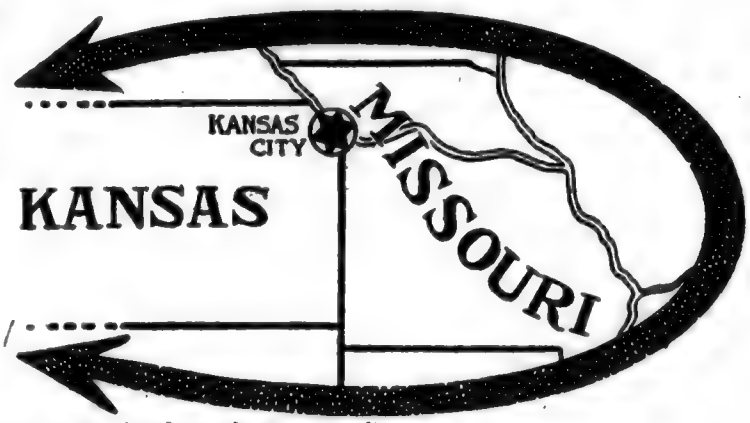
ALPHA FLORAL Co.

1105 WALNUT-PHONES 1806

Kansas City, Missouri

The largest Florists in the Central West

A. ELBERFIELD, Proprietor



Mention The Review when you write.

Write, Wire or Phone

JOHN WALKER

11 S. PHELPS STREET

Youngstown, O.

Careful attention given to out-of-town orders
Trade discount allowed.

CLEVELAND

...THE...

J. M. GASSER COMPANY

EUCLID AVENUE

We ship all points in Ohio. The best of everything in Flowers.

BOSTON, MASS.

Penn, The Florist

"Penn, The Telegraph Florist"
Members of Florists' Telegraph Delivery Association.
37-43 BROMFIELD STREET

DENVER, COLO.

FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice.

Daniels & Fisher.

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver."

1874 JNO. V. PHILLIPS 1912

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Mention The Review when you write.

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Wholesale and Retail Florists
1122 Grand Avenue, KANSAS CITY, MO.
All Kinds of CUT FLOWERS
in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

YOUNG & NUGENT

NEW YORK : 42 W. 28th St.

In the theater district. Exceptional facilities for delivering flowers on outgoing steamers. Your orders will receive prompt and careful attention. Wire, telephone or write us.

We are Prepared to Fill Orders for any Section of South Jersey at any time.

EDWARDS FLORAL HALL CO.

1700 Pacific Avenue,

Nurseries: Mediterranean and South Carolina Aves. ATLANTIC CITY, N. J.

H. F. A. LANGE

Worcester, Mass.

Delivers to all points in New England.
125,000 square feet of glass.

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Send Orders for the Southwest
Best Railroad Center in the State.

Send orders for delivery in **ROCHESTER, N.Y.**

and all points in Western New York to

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The Minge Floral Co.

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11 West Main St. All cut flowers in season. Funeral designs or potted plants. Careful attention and prompt delivery guaranteed to any part of Michigan.

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Orders solicited to be delivered anywhere.
Specialist in Cut Flowers and Designs

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MADISON, WIS.

Order of us. Best shipping service for Wisconsin

PEKIN ═══ PEORIA

All orders receive personal attention.

GEO. A. KUHL, Pekin, Ill.

SIOUX CITY, IOWA Supplies western Iowa, southern Minnesota, all of South Dakota, northeastern Nebraska.

J. C. RENNISON CO.

BALTIMORE, MD. And All Southern Points.

PIERCE & CO. 509 N. Charles Street BALTIMORE, MD.

---

ered window boxes with rustic trellises on which vines will be trained. These were made on a special order. Mr. Marche recently made a beautiful casket cover of Killarney roses and lily of the valley. H. C. H.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Lusitania	New York	Liverpool	Jan. 10
Vaderland	New York	Antwerp	Jan. 10
Chiyo Maru	San Fr'sco	Hongkong	Jan. 10
Emp. of Japan	Vancouver	China	Jan. 10
Tagus	New York	Bermuda	Jan. 10
Adriatic	New York	Egypt	Jan. 10
Baltic	New York	Liverpool	Jan. 11
Barbarossa	New York	Bremen	Jan. 11
La Touraine	New York	Havre	Jan. 11
Pennsylvania	New York	Hamburg	Jan. 13
Oceanic	New York	S'hampton	Jan. 13
Haverford	Philadelphia	Liverpool	Jan. 13
Ivernia	Boston	Liverpool	Jan. 16
Inaba Maru	Seattle	Hongkong	Jan. 16
Zeeland	New York	Antwerp	Jan. 17
La Bretagne	New York	Havre	Jan. 18
Hesperian	St. John	Liverpool	Jan. 19
Columbia	New York	Glasgow	Jan. 20
Dominion	Portland	Liverpool	Jan. 20
Trent	New York	Cuba	Jan. 20
Tagus	New York	Bermuda	Jan. 20
Berlin	New York	Genoa	Jan. 20
Franconia	New York	Egypt	Jan. 20
Megantic	Boston	Liverpool	Jan. 23
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LEADING-RETAIL FLORISTS

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Samuelson

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S. J. REUTER & SON, Inc.

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The only flower store in the city. Orders for any part of Connecticut or Rhode Island will receive prompt and careful attention.

Coombs

LEADING Fflorist

Hartford, Conn.

Orders solicited for all parts of Connecticut.

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

The Park Floral Co.

J. A. VALENTINE, Pres.

Member Florists' Telegraph Delivery.

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ST. PAUL, MINN.

Order your flowers for delivery in this section from the leading Florists of the Northwest.

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ST. PAUL, MINN.

B. SCHROETER

59 Broadway

DETROIT

MICHIGAN

Hatcher

Leading Florist
AMSTERDAM, N. Y.
SCHENECTADY, N. Y.
Estab. 1877

We Handle Everything in Season

H. A. FISHER CO.

Wholesale and Retail Florists

KALAMAZOO and BATTLE CREEK, MICH.

The Rosery

..FLORISTS..

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Winnipeg, Manitoba, Canada

ORDERS TAKEN FOR DELIVERY ANYWHERE BETWEEN PORT ARTHUR AND THE COAST.

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Tel. 1552, 1553 Columbus

NEW YORK CITY

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

C. C. POLLWORTH CO.

Wholesale Florists
MILWAUKEE, WIS.

Will Take Proper Care of Your Orders in WISCONSIN

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FLORISTS
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WASHINGTON, D.C.

WASHINGTON, D. C.

GUDE'S

Member Florists' Telegraph Delivery.

Hoffman

FLORIST

59-61 Massachusetts Ave.
or Commonwealth Ave.

BOSTON.

NEW JERSEY

EDWARD SCEERY—PATERSON and PASSAIC

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Leonard H. Vaughan, Chicago; First VicePres., M. H. Duryea, New York City; Sec'y and Treas., C. E. Kendel, Cleveland, O.

MELVIN S. GRIFFITH, of Griffith & Turner, Baltimore, is at Mt. Clemens, Mich., taking the baths.

BURPEE is one of those who believe carrot is worth real money this year. His retail catalogue shows it.

THE Leonard Seed Co., Chicago, is running 120 pea picking machines, half of them in the Chicago warehouse.

IT is said that the principal pea growers have booked 1912 contracts about up to the limit of their stock seeds.

ARNOLD RINGIER, secretary of the W. W. Barnard Co., has left Chicago for another of his swings around the circle to the coast.

THE Ozark Seed Co., E. L. Kline, manager, Springfield, Mo., says the Christmas business was the heaviest in the history of the concern.

JOHN WILCOX, who has been in charge of the farm of the W. W. Barnard Co., near Chicago, is making contracts to go into the pea growing business for himself in Idaho.

IT appears that a large part of what seed isn't grown under nature's conditions in California, soon will be produced under irrigation in the intermountain country.

ROBERT SYDENHAM, the Birmingham seedsman, was elected president of the National Sweet Pea Society of Great Britain at the annual meeting at London, December 8.

R. H. SHUMWAY, Rockford, Ill., purposes that the seed buyer shall be able to pick the Shumway catalogue out of the pile, no matter how many may be on top, so he has made the 1912 book 12¼x13¾ inches. It can't be covered up.

FLOWER seeds are becoming an increasingly important item with many of the wholesale seed houses, but good flower seed men are made, not born, and it is difficult to pick up capable help for this department.

ONE of the well posted growers estimates the 1911 Wisconsin pea crop at three to three and one-half times the quantity of seed planted, some varieties, of course, having yielded two or three times as much as others.

THE talk about the altitude of pea prices is rather misleading—the big prices usually are the offers of would-be buyers who can not locate the stock. The market gardener will not pay over $2 per peck for peas, except Gradus and one or two others, and the m. g. lists as a rule keep to where the customers can do business as long as stock lasts.

THE Portland Seed Co., of Portland, Ore., purposes to build another large warehouse early in the present year. The company now has tentative plans drawn for a 5-story, reinforced concrete building, which will be built on the half block owned by the company on East Alder street, between East First and East Second streets. This half block adjoins the company's present warehouse.

HERE SINCE 1879

Arkansas Valley Seed Company

D. H. BROWNE — LAKIN, KANSAS — C. H. BROWNE

Contract Growers of Muskmelon, Watermelon and Cucumber

We desire to announce to the trade that Mr. Wm. Logan is no longer connected with this company in any way. And that we are now booking contract orders for Muskmelon, Watermelon and Cucumber Seed.

Write today for contract price list, also our surplus list of Vine Seeds.

Mention The Review when you write.

BULBS

Far Below Cost

Ask for prices.

James Vick's Sons

ROCHESTER, N. Y.

Mention The Review when you write.



Colored Flower and Vegetable Seed Bags

Send for Catalogue and Samples.

Herndon & Lester, Inc.

RICHMOND, VA.

Mention The Review when you write.

Metal Clasp Mailing Envelopes

LOUIS JEFFREY

78th & Brunswick Ave., Philadelphia, Pa.

Mention The Review when you write.

TOMATO SEED

BEST STOCKS. ALL VARIETIES.

The Haven Seed Co.

Growers for wholesale trade only. Santa Ana, Cal.

Mention The Review when you write.

LAWN GRASS SEED

WHOLESALE ONLY

J. OLIVER JOHNSON

1876 Milwaukee Avenue, CHICAGO

Mention The Review when you write.

BURNETT BROS.

SEEDS :: BULBS :: PLANTS

72 Cortlandt St., NEW YORK CITY

Mention The Review when you write.



Early Cluster Cucumber grown under irrigation by

WESTERN SEED & IRRIGATION CO.

Seed Growers and Dealers. Specialties: Cucumber, Musk and Watermelon, Pumpkin, Squash, Sweet and Field Corn.

FREMONT, :: :: :: NEBRASKA

Mention The Review when you write.

The Ebbert Seed Company

ROCKY FORD, COLO.

Contract growers for the Trade. High-grade Vine Seeds. **Specialties:** Rocky Ford Cantaloupe, Muskmelon and Cucumber Seed.

Place Your Orders Early

Mention The Review when you write.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence solicited.

George R. Pedrick & Son

PEDRICKTOWN, N. J.

Mention The Review when you write.

ROSE GARDENS

WHOLESALE GROWERS

Daffodils, Peonies, Tulips Gladioli, Iris, Etc.

NORTH EMPORIA, VIRGINIA

Mention The Review when you write

Fancy Hand Picked

ONION SETS

¾-inch mesh.
Low prices.
Orders booked now.

Shipment
January, February, March.

SAMPLES
Sent immediately on request.

Yellow Danvers
Red Wethersfield
White Portugal
Silver Skins

J. BOLGIANO & SON

Almost 100 Years' Established Trade
Wholesale Seedsmen
BALTIMORE, - MARYLAND

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THE KIMBERLIN SEED CO.

Wholesale Seed Growers **SANTA CLARA, CAL.**

Growers of
ONION, LETTUCE, RADISH, etc.
Correspondence Solicited.

Mention The Review when you write.

Pieters-Wheeler Seed Company

Hollister, - - California

Growers of High Grade Seeds
Onion, Radish, Lettuce,
Sweet Peas, etc. : : : :

Correspondence Solicited.

Mention The Review when you write.

BRASLAN SEED GROWERS' CO.

Lettuce, Onion, Sweet Peas

Growers for the Wholesale Trade Only

San Jose, California

Mention The Review when you write

S. D. Woodruff & Sons

SPECIALTIES:
Garden Seeds in Variety
Maine seed potatoes, onion sets, etc.
CORRESPONDENCE SOLICITED.
Main Office and Seed Farms, ORANGE, CONN.
New York City Store, 82-84 Dey Street

Mention The Review when you write.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower

Specialties: Lettuce, Onion, Sweet Peas, Aster Cosmos, Mignonette, Verbena, in variety.
Correspondence solicited.

Mention The Review when you write.

BEANS, PEAS, RADISH
and all Garden Seeds

LEONARD SEED CO.

226-230 W. KINZIE STREET, CHICAGO

ONION SETS — GROWERS FOR THE TRADE
Write for Prices

Mention The Review when you write.

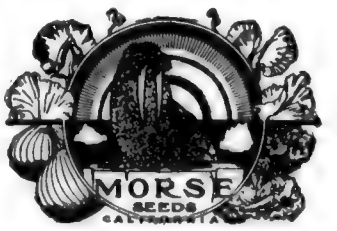
YOU will be satisfied with the products of Burpee's "Seeds that Grow"

Better write to Burpee, Philadelphia,—for new Complete Catalogue.

The Everett B. Clark Seed Co., MILFORD CONN.

Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.

BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC



Wholesale Growers of
Onion, Lettuce, Sweet Peas
and other California Specialties

C. C. MORSE & CO.
48 Jackson St. SAN FRANCISCO, CAL.

Mention The Review when you write.

CONTRACT SEED GROWER

SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn

EDGAR F. HURFF, MULLICA HILL, NEW JERSEY

Correspondence Solicited.

Routzahn Seed Co.

ARROYO GRANDE, CAL.

SWEET PEA and NASTURTIUM SPECIALISTS

Wholesale growers of full lists of FLOWER and GARDEN SEEDS.

THE HAS. H. LILLY CO.

SEATTLE, WASH.

Growers of
PUGET SOUND CABBAGE SEED

Henry Fish Seed Co.

BEAN GROWERS
For the Wholesale Seed Trade

CARPINTERIA, - CAL.

—THE—
J. C. Robinson Seed Co.

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed, Sugar, Flint and Field Seed Corns.

Mention The Review when you write.

Peas and Beans

...Growers For The...
Wholesale Seed Trade

Alfred J. Brown Seed Co.

Grand Rapids, Michigan

Sioux City Seed & Nursery Co.

Sioux City, Iowa

Contracting growers of **Peas, Beans** and famous **Sweet Corn.** Introducers of the **White Mexican Sweet Corn.**

S. M. ISBELL & CO.

JACKSON, MICH.

Contract Seed Growers

Bean, Cucumber, Tomato, Radish, Pea, Squash, Muskmelon, Watermelon, Sweet Corn.

Correspondence Solicited

ONION SEED — ONION SETS

We are extensive growers and dealers. Write for prices on the 1911 crop. We are also submitting contract figures for the 1912 crop of Onion Seed.

SCHILDER BROS., CHILLICOTHE OHIO

The C. Herbert Coy Seed Co.

VALLEY, Douglas County, NEB

Wholesale Growers of High Grade Seeds.

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

RATEKIN'S SEED HOUSE

Shenandoah, Iowa

Largest Seed Corn growers in the world. Contract growers of **Sugar, Flint and Field Seed Corns.** Specialties: Diamond Joe's Big White, Iowa Silver Mine, Pride of the North and Mammoth Iowa Yellow Dent.

Correspondence Solicited

Mention The Review when you write.

The Hamburg steamers are bringing large shipments of grass and clover seeds, practically all consigned either to order or to custom-house brokers.

It develops that here and there through the country there are quite a few surpluses of Dutch bulbs, and a few French, mostly stock held for retail sale until it was too late to move it at wholesale.

The important novelty of the year appears to be a bush melon, catalogued by Peter Henderson & Co. A lot of seedsmen have been looking for something of the kind and are more or less surprised that it has been found.

When peas are planted under the conditions that maintain in the northwest, they make a wonderful growth and the characteristics of the Wisconsin grown stock seed are modified in many ways. Those who have tested the seed think that for one year the western stock will answer canners', market gardeners' or any other purposes, but that it probably will be necessary to send Wisconsin grown stock seed west each year or completely lose the type.

MR. SMITH FINDS JOKE.

"Progressive" California offers to admiring citizens an exhibition of legislative sagacity in the two bills, Senate No. 1 and Assembly No. 1, filed December 23 and 24. For example, these bills require the California consignee of a 5-cent mail packet of field, garden or flower seeds from another state to notify the Commissioner of Horticulture, or his deputy, of its arrival, and the packet must be carefully guarded, until inspected for insect pests by the quarantine guardian, or other officer. Also that packet must bear a label giving the names of seed, consignor, consignee and country where the seed was grown. Nobody ever claimed that any injury from insects, etc., could come from any or at least most of these seeds. For violation, a pleasant penalty is six months in jail and also a fine of $500.

A nice little joke is that every constituent of a California congressman receiving his packet of free seeds must perform the same duty.

If state legislatures would use more care in the consideration of these restrictive regulations of legitimate commerce, perhaps we would have fewer laws, but those would be quite enforceable, which can not be said of a single state seed law now on the statute books. It is a sufficient comment on the haphazard American method of grinding out laws to state that I have a record of ninety-eight state laws declared unconstitutional by the highest state courts within a period of two years, 1906-1908. Curtis Nye Smith.

SUIT OVER SEEDS.

From Petersburg, Va., comes the following press report: "A verdict in favor of the defendant was awarded last night in the case of Jacot & Mullin, of New York, vs. the Grossman Seed Supply Co., in which the complainants were suing the Grossman Co. for $1,700, the balance due on a shipment of seed which the defendants refused to pay for, alleging that the seed was worthless. The court's decision ordered the refund of more than $1,300 already paid the claimants. Jacot &

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Finest in existence. $2.00 per 100; $16.00 per 1000.

Bruns' Early Forcing Valley

Florists' money-maker. $1.50 per 100; $14.00 per 1000.

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PETUNIA, Giant Double Fringed, very fine, trade pkt. 50c. Mixture of the best improved vars.
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PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt. 20c.
CHINESE PRIMROSE, finest grown, single and double mixed, 600 seeds, $1.00; ½ pkt. 50c.; 1000 seeds, $1.50. Separate colors or mixed.
PRIMULA KEWENSIS, the grand new sweet-scented yellow Primrose, pkt. 20c.
CINERARIA, large-flowering dwarf, mixed, 1000 seeds, 50c.; ½ pkt. 25c.
CYCLAMEN GIGANTEUM, finest giants, mixed, 250 seeds, $1.00; ½ pkt. 50c.; 1000 seeds, $3.50.
GIANT PANSY, finest grown, critically selected, 6000 seeds, $1.00; ½ pkt. 50c.
COLEUS, New Hybrids, fine colors. Best New Giants, pkt. 20c. Very brilliant and showy.
HARDY PHLOX, from the newest named giant flowering; mixed, pkt., 20c.
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SWEET WILLIAM; new colors of large white-centered, fine, pkt. 20c. Newest giants.
COLUMBINE. New blue with yellow spurs, extra, pkt. 20c. Grand Novelty.
VERBENA, Improved Mammoth, finest giants grown, mixed or separate of purple, white, scarlet, pink, striped, white-eyed. Tr. pkt. 20c.
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BROWALLIA, New Giant Blue, pkt. 20c.
CUPHEA, Giant Cigar, fine, pkt. 20c.
GAILLARDIA GRAND, New Giant, pkt. 20c.
COBAEA SCANDENS, extra fine vine, pkt. 20c.
THUNBERGIA, mixed (Black-eyed Susan), fine, 20c.
ORIENTAL POPPY COLOSSUS, 10 inches diameter, grand and gorgeous, pkt. 20c.
CASH. Liberal extra count.

JOHN F. RUPP, Shiremanstown, Pa.

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BEGONIA Gracilis Luminosa, true stock, with large scarlet flowers	$2.50	$0.50
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Bedding Queen, most beautiful pink Wax Begonia	2.50	.50
Vernon, fine red	1.25	.25
CYCLAMEN Persicum Splendens Giganteum, finest colors, assorted, 1000 seeds	5.00	.75

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Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

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All seeds offered are grown under my personal supervision on **my own vast grounds,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

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High-grade Hyacinths, Tulips, Narcissus, Crocus, etc. Write for Catalogue.

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If you take interest in **Cabbage, Cauliflower, Carrot, Mangel, Swede and Turnip,** of selected strains (state controlled), please apply to

CHR. OLSEN, Odense, Denmark

Wholesale Seed Grower (Established 1862), in order to have your name placed on my mailing list.

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Read What Our Customers Say About This Grand Commercial Variety:

Evanston, Ill., Nov. 7, 1911.
Stevens Gladioli Co.,
Saginaw, Mich.

Gentlemen: I have grown your Pink Beauty (now Pink Augusta) for the last two years, and it is a good indoor grower. Sells well with us. Please send me another thousand bulbs. Also a list of your other varieties.

Yours truly,
John Weiland.

NEW FORCING GLADIOLUS **PINK BEAUTY**
NOW RENAMED **PINK AUGUSTA**

Best early forcing light pink variety, each bulb produces two or three spikes in succession, fine for sprays or decorating. $2.50 per 100; $20.00 per 1000; a few extra selected bulbs, $2.75 per 100; $25.00 per 1000. CASH. Also, Augusta, Francis King, Madame Monneret, Taft, Klondyke, Florists' Mixture, The Bride and Pink Bride, 60c per 100; $5.00 per 1000, cash. **Send for Trade List, with testimonials.**

STEVENS' GLADIOLI CO., Saginaw, W. S., Mich.

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Mullin shipped the Grossman Co. a supply of seed last February. The seed was sold to Chesterfield and Dinwiddie farmers, who this fall refused payment, alleging that the seed was worthless and would not sprout. The Grossman Co. accordingly refused to pay the New York concern from which it had secured the seed, the balance of $1,700 due on the shipment. Jacot & Mullin sued and after the case had been in court for a week a verdict was rendered December 21.''

CATALOGUES RECEIVED.

The Aggeler & Musser Seed Co., Los Angeles, Cal., nineteenth annual catalogue; R. H. Shumway, Rockford, Ill., seeds for farm and garden; Watkins & Simpson, Covent Garden, London, England, wholesale list of garden and flower seeds; W. Atlee Burpee & Co., Philadelphia, Pa., thirty-sixth annual seed catalogue; Kelway & Son, Langport, Somerset, England, wholesale list of vegetable, flower and root seeds; Darling & Beahan, Petoskey, Mich., northern grown seeds; W. E. Marshall & Co., New York, N. Y., seeds and supplies; Ratekin's Seed House, Shenandoah, Ia., Seed Book for 1912.

Calendars Received.

L. B. Brague & Son, dealers in ferns, mosses, etc., Hinsdale, Mass.; Hammond's Paint & Slug Shot Works, Fishkill-on-Hudson, N. Y.; Maltus & Ware, importers, New York, N. Y.; Green Floral Co., Dallas, Tex.; Arkansas Valley Seed Co., Lakin, Kan.; Jones-Russell Co., Cleveland.

DAYTON, O.

The Market.

In speaking of Christmas trade, there seems to be one general complaint, and that is on the weather, which was dull and rainy for three weeks preceding Christmas. Naturally stock in many lines was somewhat short for holiday trade, just the time when the florists needed the most abundant supply. On the other hand, business was fine and the demand exceedingly great. Roses, and especially Beauties, were scarce, while the call for high-grade Beauties and Rhea Reids seemed to be unceasing. The same condition prevailed among the carnations. Poinsettias, however, were in good supply and filled in well as a substitute for other scarcer varieties of stock. Yellow and white narcissi and Roman hyacinths were also abundant, and sold well where a cheaper flower was needed. Lily of the valley, cattleyas and violets, used in Christmas corsage

FOTTLER-FISKE-RAWSON CO.
WIZARD BRAND
Sheep Manure, Shredded or Pulverized Cattle Manure
See Our Trade List
BOSTON
FANEUIL HALL SQUARE

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Salvia Seed, 1911 Crop
(Our own growing.)

Bonfire, ½ oz., 60c; 1 oz., $1.00. Zurich, ½ oz., $1.50; 1 oz., $2.50. Above seed is from selected stock.

Geranium Rooted Cuttings, extra strong. Alphonse Ricard, $14.00 per 1000. Ready now. Other varieties in January.

Cash, please.

J. P. SIEBOLD, Lancaster, Pa.

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Stokes Seeds Philadelphia
Salvia NEW CROP SEED
Salvia Splendens, 25c tr. pkt.; $1.25 oz.; $4.00 ¼ lb.; $14.00 lb. Salvia Clara Bedman or Bonfire, 40c tr. pkt.; $1.50 oz.; $5.00 ¼ lb.; $18.00 lb.
STOKES' SEED STORE
219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

Asparagus Plumosus Nanus
New Crop—Greenhouse-grown
100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $3.50; 10,000 seeds, $30.00.
Sprengeri, 25c per 250 seeds; 75c per 1000 seeds; $2.75 per 5000 seeds.
Our Flower Seed Catalogue free on application.
THE MOORE SEED CO., 125 Market St., Philadelphia

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Follow Your Mums
The Fine Unsurpassed varieties
Asta Ohn Spencer, lavender, lb., $2.00. America Spencer, great novelty, red and white striped, lb., $4.00. Florence Morse Spencer, a beautiful light pink, lb., $2.50. Large White Spencer, the unrivaled white, lb., $2.50. Apple Blossom, pink shaded rose, lb., $1.75. Any of the above, oz., 35c. We also have all the winter flowering varieties. Write for our Sweet Pea Catalogue.

Ayres' Re-selected Grand Rapids Lettuce Seed
Is universally used by florists. Oz., 15c; lb., $1.25.

S. B. AYRES CO. Sunnyslope, Independence, Mo.
Florists—Nurserymen—Seedsmen
10 miles east of Kansas City, Mo.

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Asparagus Plumosus Nanus
New crop. Greenhouse grown.
50c per 100;
$4.00 per 1000.
A. HENDERSON & CO.
30 E. Randolph St., CHICAGO, ILL.

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Asparagus Seed—True Plumosus Nanus
Wisconsin Greenhouse Grown
Not to be compared with the inferior California and Florida outdoor grown seed.
1000 seeds, $4.00; 5000, $18.75; 10,000, $35.00
G. H. HUNKEL CO., Seedsmen
MILWAUKEE, WIS.

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Lilium Giganteum
DUTCH BULBS
Full Line of Stock. Write for Prices.
D. RUSCONI
128 W. 6th St., CINCINNATI, O.

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F. O. B. NEW YORK, CHICAGO, CINCINNATI, MEMPHIS, or PITTSBURGH. And in lots of 250 Cases upward, f. o. b. any other city in the U. S. A. or Canada. Excellent Cold Storage facilities in all of the above cities at very reasonable rates. Terms three months or 2% 10 days, unless otherwise arranged. Canadian deliveries at $4.00 per 1000 less, in lots of 3 cases or more. All bulbs sold under the usual conditions as per catalog, and prices subject to change without notice. Orders subject to confirmation. Deliveries in season 1912—sound deliveries guaranteed. Horseshoe Brand Quality.

HORSESHOE BRAND GIGANTEUM

The best commercial variety. Grows evenly and may be depended upon. The best white variety for Cold Storage purposes. The quality of Horseshoe Brand Giganteum is known as the best produced anywhere in the world today.

Size	Case Contents	Price Per 100	Per case	Per 1,000	Per 10,000
6x 8 inches	400	$ 5.00	$16.00	$ 35.00	$ 320.00
7x 8 "	350	7.00	16.00	45.00	425.00
(This size may also be packed 300 per case at $2.50 per 1,000 extra)					
7x 9 inches	300	7.50	16.00	50.00	480.00
8x 9 "	280	8.50	21.00	75.00	700.00
8x10 "	250	10.00	22.50	90.00	800.00
9x10 "	200	12.00	22.00	110.00	1,000.00
9x11 "	180	13.00	21.60	120.00	1,100.00
10x11 "	150	16.00	22.50	150.00	1,400.00
11x13 "	120	21.00	24.00	200.00	1,900.00

(The Superior Assortment 7/9 Giganteum, from the Flood Commemoration fields, will be packed 280 per case in 1912, and be sold at $65 per 1000. Limited quantity only.)

HORSESHOE BRAND MULTIFLORUM

A very good variety and suitable for the 1913 Easter. Earlier flowering than Giganteum—green stems—and of very good quality.

Size	Case Contents	Price Per 100	Per case	Per 1,000	Per 10,000
6x 8 inches	400	$ 5.00	$16.00	$ 40.00	$350.00
7x 8 "	350	5.50	15.75	45.00	400.00
7x 9 "	300	6.00	15.00	50.00	480.00
8x 9 "	280	7.50	18.00	65.00	600.00
8x10 "	250	9.00	20.00	80.00	750.00
9x10 "	200	10.00	18.00	90.00	850.00
9x11 "	180	11.00	18.00	100.00	950.00

HORSESHOE BRAND LILIUM FORMOSUM

From the islands south of Japan. These bulbs vary in quality and owing to the mixture of varieties do not flower uniform. They are much earlier, however, than any other lily varieties and are especially recommended for florists who do not have much heat, for Easter forcing 1913 (Easter being March 23rd). The Horseshoe Brand Formosas will contain as little mixture as possible in 1912 and will be very carefully graded. They are practically free from disease.

Size	Case Contents	Price Per 100	Per case	Per 1,000	Per 10,000
6x 8 inches	400	$ 5.00	$16.00	$ 40.00	$ 350.00
7x 8 "	350	6.00	17.50	50.00	450.00
7x 9 "	300	7.00	18.00	60.00	550.00
8x 9 "	280	8.00	21.00	75.00	700.00
8x10 "	250	9.00	20.00	80.00	750.00
9x10 "	200	10.00	17.00	85.00	800.00
9x11 "	180	11.00	17.50	95.00	900.00
10x11 "	150	13.00	18.00	120.00	1,100.00
11x13 "	120	16.00	18.00	150.00	1,400.00

HORSESHOE BRAND LILIUM AURATUM

This excellent flower with the light brown spots and yellow stripes is one of the most beautiful of lilies. Very large bloom, and a most excellent flower for design work and decorations. Flowers freely. Is hardy and may be either grown inside or out. This is a coming lily and will be more popular every year.

Size	Case Contents	Price Per 100	Per case	Per 1,000	Per 10,000
7x 8 inches	200	$ 5.00	$ 8.50	$ 40.00	$ 350.00
7x 9 "	180	5.50	8.50	45.00	400.00
8x 9 "	170	6.00	8.50	50.00	450.00
8x10 "	150	7.00	9.50	60.00	550.00
9x10 "	130	8.00	10.00	75.00	700.00
9x11 "	100	10.00	10.00	90.00	800.00
10x11 "	80	11.00	8.50	100.00	900.00
11x13 "	70	15.00	9.80	140.00	1,300.00
13x15 "	50	22.00	11.00	200.00	1,900.00
15x18 "	30	50.00	15.00	400.00	3,800.00
18x24 "	12	.....	12.00	.....	.....

HORSESHOE BRAND SPECIOSUM MAGNIFICUM, ROSEUM, RUBRUM OR MELPOMENE

The Speciosum Magnificum is an improved Rubrum variety and a very excellent flower for any florist. A rich scarlet. Can be forced in the greenhouse or grown outside. Free bloomer and a very profitable flower to handle. Also excellent for Cold Storage purposes—you can flower them at any time of the season.

Size	Case Contents	Price Per 100	Per case	Per 1,000	Per 10,000
6x 8 inches	330	$ 3.00	$ 9.00	$ 28.00	$ 250.00
7x 8 "	280	4.00	9.00	35.00	300.00
7x 9 "	230	5.00	9.00	40.00	350.00
8x 9 "	200	6.00	9.00	45.00	400.00
8x10 "	180	7.00	10.00	60.00	500.00
9x10 "	160	8.00	10.00	70.00	600.00
9x11 "	150	9.00	11.00	75.00	700.00
10x11 "	120	10.00	11.00	90.00	800.00
11x13 "	80	12.00	9.00	110.00	1,000.00
13x15 "	50	18.00	9.00	160.00	1,500.00
15x18 "	30	40.00	12.00	350.00	3,250.00
18xup "	15	80.00	12.00	800.00	.....

As many as 500 blooms have been produced from one mammoth Magnificum bulb.

HORSESHOE BRAND SPECIOSUM ALBUM

The Album or white Speciosum is the only white variety which is hardy from Japan. The bulbs are not plentiful and must be cultivated longer than the other varieties—therefore the higher prices. If grown well, they are a very dainty lily.

Size	Case Contents	Price Per 100	Per case	Per 1,000	Per 10,000
6x 8 inches	330	$ 5.00	$15.00	$ 45.00	$ 400.00
7x 8 "	280	6.00	15.00	55.00	500.00
7x 9 "	230	8.00	16.50	70.00	650.00
8x 9 "	200	9.00	16.00	80.00	750.00
8x10 "	180	10.00	16.50	90.00	800.00
9x10 "	160	12.00	16.50	100.00	950.00
9x11 "	150	13.00	16.50	110.00	1,000.00
10x11 "	120	16.00	17.00	140.00	1,350.00
11x13 "	80	22.00	17.75	200.00	1,950.00

Fancy varieties of Japan lily bulbs quoted upon application.

HORSESHOE BRAND HARRISII

From the celebrated fields of Messrs. Stephens Brothers, Paget, Bermuda. This strain of Harrisii is improving every year and will be very suitable for the early Easter, 1913. The prices have been made extra low in small sizes because there are more good quality bulbs of small size than there are large ones, and as bulbs over five inches are not desirable for planting purposes, the prices have been reduced specially to dispose of the crop. They are very good bulbs—well grown, sound and properly packed, and should be a very good investment for the grower this year. All Harrisii prices are quoted f. o. b. New York only. Terms three months or 2% 10 days. A special cash price will be granted for cash received before July 1st. Any deliveries which may be for any proper reason unsatisfactory can be returned to us at once, at our expense, and money will be promptly refunded.

Size	Case Contents	Price Per 100	Credit Case Price	Credit Per case	Per 1,000	Per 10,000
5x 7 inches	400	$4.00	$12.00	$15.00	$37.50	$320.00
6x 7 "	335	5.00	13.00	14.00	40.00	380.00
7x 9 "	200	9.00	15.00	16.00	75.00	685.00
9x11 "	100	20.00	18.00	20.00	180.00	.....

Prices of orders already booked for 1912 deliveries will be automatically reduced to conform with this offer. Remember, all of the above prices are for 1912 delivery, and are subject to change without notice. It is best to buy now. Should decline in our prices take place later on, you will get the benefit just the same.

RALPH M. WARD & CO.

71 Murray Street NEW YORK CITY

Not How Cheap But How Good

Prices for Cold Storage Bulbs upon application.

GLADIOLI

Try GOLDEN QUEEN and PRESIDENT TAFT for forcing.

One customer writes under date of May 25th: —

"The Golden Queen that I ordered from you were planted in a carnation house on February 7th, and we are now getting fine spikes and handsome flowers. I find your variety to be one week earlier than Mrs. Francis King, ten days earlier than Augusta and two weeks ahead of America. They have been perfectly satisfactory in every way."

I have also a fine stock of Mrs. King, Klondyke, Taconic, Independence, Brenchleyensis, Geo. Paul and other kinds. Write for trade list.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

bouquets, sold well and easily pleased the most critical. Besides the general run of Christmas orders, there was a large amount of funeral work, which readily consumed all of the giganteums, callas and Melpomene obtainable. Wild smilax, holly and all decorative greens cleaned up and magnolia wreaths for the cemeteries sold well. There seemed to be an increasing demand this year for made-up Christmas baskets of poinsettias, Boston ferns, etc. In summing all things up, this Christmas was a good one, and came up to last year, for where it fell short on roses and carnations, it made up on poinsettias and bulbous stock.

The weather last week was a mixture; it was a little sunshine and lots of shadow. Stock continued to be scarce and the demand kept up, with but little difference in prices; thus the week was a busy one all through. New Year's business was also good, and while orders were not so numerous as for Christmas, still the florists are entirely satisfied. Accompanying the New Year's demands came a rush on funeral work, which kept all hands busy. The year has made a good beginning and we hope it may continue.

Various Notes.

Warren G. Matthews sent out to his customers a large Christmas card of his own design and wording.

During the holidays some fine orchids were seen at the store of the Advance Floral Co., in the Arcade.

Mrs. Elizabeth Young is on the sick list again, and up to the present time it is impossible to state how serious her illness may be.

The Miami Floral Co. says that it found an unusually large demand for white flowers this Christmas, due to the fact that many of the churches used white exclusively for decorations. They had an abundant supply of yellow and white narcissi, also poinsettias, that sold with ease.

The Heiss Co. says that Christmas was a good one, as they cleaned house on everything. They found a large sale for poinsettias and pot plants, the demand being so great for the latter that it was impossible to supply all.

Mrs. B. Haschke tells us that she had a good Christmas and New Year's trade and, while carnations and roses

LILIES

		Per 100	Per 1000			Per 100	Per 1000
Lilium Longiflorum	7x 9	$4.50	$40.00	Lilium Album	9x11	$11.00	$100.00
Lilium Longiflorum	9x10	8.00	75.00	Lilium Rubrum and Melpomene	8x 9	4.50	40.00
Lilium Formosum	9x10	8.50	80.00				
Lilium Auratum	8x 9	5.00	45.00	Lilium Rubrum and Melpomene	9x11	8.00	75.00
Lilium Auratum	9x10	8.00	75.00				
Lilium Album	8x 9	7.50	70.00				

LILY OF THE VALLEY

Pre-eminently the finest Lily of the Valley in the market today, $15.00 per 1000; original case of 2500, $35.50.

CURRIE BROS. CO., 108 WISCONSIN ST., 312 BROADWAY, **MILWAUKEE, WIS.**

Mention The Review when you write.

PREMIUM AMERICAN PANSY SEED

Sow Pansy seed now for early spring plants. Greenhouse-grown Pansy plants are superior to those wintered over.

Hesperian Strain A selection of the most beautiful varieties, notable for their large size and perfection of form and coloring. We offer this mixture after over thirty years' experience in pansy seed and plant growing for both the retail and wholesale trade, and recommend it for those having critical customers. **Pkt., 25c; 1000 seeds, 50c; 1/8 oz., $1.00; 1/4 oz., $1.75; oz., $6.00.**

Toole's Giant Prize Strain This is a mixture made up from the best of the giant varieties, with the correct proportions of the different shades and colors for general sale. This mixture will surely please you. **Pkt., 15c; 1000 seeds, 30c; 1/8 oz., 70c; 1/4 oz., $1.20; oz., $4.00.**

White, red, yellow and blue, colors separate. Prices same as for Toole's Giant Prize Strain.

"How to Grow Pansies," with price list of other varieties and mixtures, sent free on request.

WILLIAM TOOLE & SONS, Pansy Heights, **BARABOO, WIS.**

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Our **Gladioli** are noted the world over for **Superior Merit**

WRITE FOR PRICES.

JOHN LEWIS CHILDS FLOWERFIELD, Long Island, N.Y.

Mention The Review when you write

Our New Gladiolus "PRINCEPINE"

Is now being offered to the trade.

Write for literature and prices.

W. E. Kirchhoff Co.

Gladiolus Specialists, Pembroke, N. Y.

Mention The Review when you write.

GLADIOLI

America, planting stock.

Florists' Mixture in light shades.

Write for prices.

MRS. A. H AUSTIN,
Wayland, Ohio

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LILIUM HARRISII

(THE BERMUDA EASTER LILY)

LET US SUPPLY YOUR WANTS IN LILIES THIS SEASON

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers whose stocks have been worked up from the true, original stock. In order to insure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used; this prevents disease and insures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock and when this is disposed of we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

6- 7 inch bulbs, 335 to the case,	$15.00 per case;	full thousand lots, $ 40.00 per 1000
7- 9 inch bulbs, 200 to the case,	16.00 per case;	full thousand lots, 75.00 per 1000
9-11 inch bulbs, 100 to the case,	18.00 per case;	full thousand lots, 175.00 per 1000

FERNS

We have an exceptionally nice lot of ferns in the following varieties—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6-inch pots	$0.50 each
Nephrolepis Elegantissima, Piersoni, Bostoniensis and Harrisii, heavy 8-inch plants	$1.00 to 1.50 each
Nephrolepis Elegantissima, Bostoniensis and Harrisii, heavy 10-inch plants	2.50 each

F. R. PIERSON CO., TARRYTOWN-ON-HUDSON, N. Y.

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PRIMULA
Chinensis Obconica

Unrivaled for size of flower, purity of color and highest development. They represent the best specialists have so far produced. Seeds and plants.

J. L. SCHILLER, Toledo, O.

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High Grade Salvia Seed

Splendens..Trade pkt., 15c; ⅛-oz., 25c; oz., $1.25
Clara Bedman (Bonfire).....Trade pkt., 25c; ⅛-oz., 40c; oz., $2 25.
Zurich.....Trade pkt., 35c; ⅛-oz., 60c; oz., $4.00
New Catalogue just out; write for a copy.
See our Special Bulb Offer in Review of December 28th, Page 54.

G. H. HUNKEL CO., Seedsmen, Milwaukee, Wis.

Mention The Review when you write.

Ant. C. Zvolanek

Originators

Winter-Flowering Sweet Pea Seed

Bound Brook, New Jersey

Mention The Review when you write.

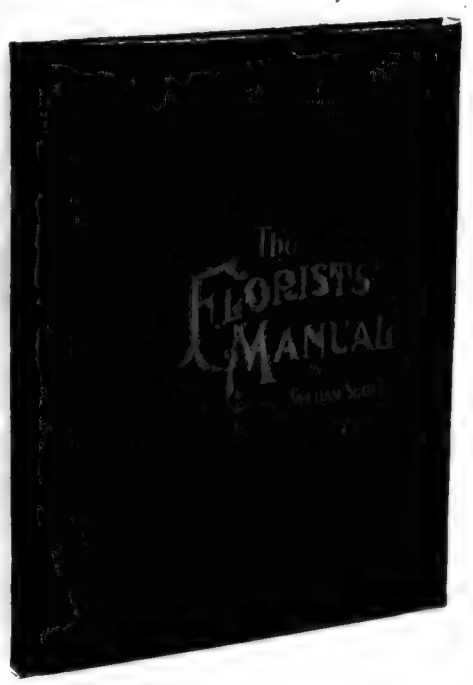
were scarce, she had plenty of bulbous stock to fill in with.

One of Dayton's busiest holly sellers was Mrs. L. D. Johnson, who made up several large cases of holly and sold all at a good profit.

Miss Lily Johnson's holiday season was made busier by several large funeral orders.

H. H. Ritter tells us that he is well satisfied with holiday trade, as he sold out everything at a good price.

R. A. L.



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A Business Book for Business Men

Second Edition

Thoroughly Revised and Brought up to Date

No dry-as-dust botanical classifications, but tells you just how to produce marketable plants and cut flowers in the best and cheapest way.

Treats of over 200 subjects and is freely illustrated with fine half-tone engravings.

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and all seasonable flowers of the best, the Reid brand.
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Wholesale Cut Flower Prices.

Philadelphia, Jan. 3, 1912.

	Per doz.
Beauty, Specials	$7.00 @ $9.00
" Extra	6.00
" Medium	3.00 @ 4.00
" Short	2.00 @ 2.50
	Per 100
The Killarneys, Fancy	$15.00 @ $20.00
" Select	8.00 @ 12.00
" Ordinary	4.00 @ 6.00
My Maryland, Bride—	
Fancy	12.00 @ 15.00
Select	8.00 @ 10.00
Ordinary	4.00 @ 6.00
Richmond, Fancy	15.00 @ 20.00
" Select	8.00 @ 12.00
" Ordinary	4.00 @ 6.00
Melody	4.00 @ 12.00
Carnations, Fancy	6.00 @ 8.00
" Select	4.00 @ 5.00
" Ordinary	2.00 @ 3.00
Cattleyas ...per doz., $5.00 @ $6.00	
Dendrobium, per doz., 5.00 @ 6.00	
Oncidiums	4.00 @ 10.00
Vandas ...doz., $2.50	
Cypripediums	15.00
Gardenias.. per doz., $2.00 @ $4.00	
Easter Lilies, per doz., 1.25 @ 1 50	
Callas ...per doz., 2.00	
Valley	3.00 @ 4.00
Sweet Peas	.50 @ 1.50
Violets, single, fancy	1.00
" ordinary	.75
" double, fancy	1.25 @ 1.50
Daisies	1.50 @ 2.00
Bouvardia	5.00 @ 8.00
Pansies	.75 @ 1.00
Lilacs ...per bunch, $1.00	
Stevia	.75 @ 1.00
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
Mignonette	4.00 @ 8.00
Poinsettias ...doz., $2.00 @ $3.00	
Daffodils	5.00
Snapdragon...doz., $1.50 @ $2.50	

St. Louis, Jan. 3, 1912.

	Per doz.
Beauty, Specials	$8.00 @ $9.00
" Extra	4.00 @ 5.00
" Shorts	1.00 @ 2.00
	Per 100
Bride, Maid	$ 6.00 @ $15.00
Richmond	6.00 @ 10.00
Maryland	6.00 @ 15.00
White Killarney	6.00 @ 15.00
Killarney	6.00 @ 15.00
Carnations	4.00 @ 8.00
Lily of the Valley	3.00 @ 4.00
Harrisii	10.00 @ 12.50
Orchids ...doz., $5.00 @ 6.00	
Violets	.75 @ 1.00
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
Stevia	1.00 @ 1.50
Poinsettias	15.00 @ 25.00

Buffalo, Jan. 3, 1912.

	Per doz.
Beauty, Specials	$7.00
" Fancy	5.00
" Extra	3.00
" Firsts	2.00
" Shorts	$0.50 @ 1.00
	Per 100
Bon Silene	$ 3.00 @ $ 4.00
Bride and Maid	4.00 @ 12.00
Killarney	6.00 @ 15.00
White Killarney	6.00 @ 15.00
Richmond	6.00 @ 15.00
Maryland	6.00 @ 15.00
Carnations	2.00 @ 5.00
Lily of the Valley	3.00 @ 4.00
Longiflorums	10.00 @ 12.00
Violets	1.00 @ 1.25
Mignonette	3.00 @ 5.00
Sweet Peas	1.00 @ 1.25
Paper Whites	2.00 @ 3.00
Romans	3.00
Stevia	1.00 @ 1.25
Callas	8.00 @ 10.00

THE REVIEW sends Scott's Florists' Manual postpaid for $5.

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A good market for more Choice Flowers
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Send us your list for prices. All seasonable flowers. Consignments of good stock solicited.

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PRINCETON, ILL.
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Roses Our Specialty
All Kinds of Seasonable Cut Flowers at Chicago Prices.

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25 Washington St., Providence, R. I.
GREENHOUSES, OAKLAWN, R. I.

Wholesale Cut Flower Prices.

Boston, Jan. 3, 1912.

	Per 100
Beauty, Specials	$40.00 @ $60.00
" Extra	15.00 @ 30.00
" Short Stems	4.00 @ 12.00
Killarney	3.00 @ 16.00
White Killarney	2.00 @ 10.00
My Maryland	3.00 @ 12.00
Mrs. Aaron Ward	2.00 @ 10.00
Lady Hillingdon	2.00 @ 10.00
Richmond, Rhea Reid	4.00 @ 16.00
Carnations	2.00 @ 5.00
Cattleyas	30.00 @ 50.00
Cypripediums	8.00 @ 10.00
Pansies	.50 @ 1.00
Lily of the Valley	1.50 @ 3.00
Lilium Longiflorum	8.00 @ 10.00
Gardenias	4.00 @ 12.00
Violets	.75 @ 1.00
Sweet Peas	.50 @ .75
Antirrhinums	3.00 @ 5.00
Marguerites	1.00 @ 2.00
Paper White Narcissi	1.00 @ 1.50
Roman Hyacinths	1.00 @ 1.50
Mignonette	3.00 @ 6.00
Stevia ...per bunch, 15c @ 25c	
Bouvardia ...per bunch, 50c	
Yellow Trumpet Narcissi	3.00 @ 4.00
Tulips	3.00 @ 4.00

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Wholesale Growers of
CUT FLOWERS
and Jobbers of
FLORISTS' SUPPLIES
Columbus, : Ohio
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ST. LOUIS, MO.
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Size	Doz.	100	Size	Doz.	100
12-inch	$0.60	$3.00	32-inch	$1.20	$ 7.00
16-inch	.60	3.75	36-inch	1.35	8.00
20-inch	.75	4.50	40-inch	1.50	9.00
24-inch	.90	5.25	44-inch	1.75	10.25
28-inch	1.00	6.00	48-inch	2.00	11.50

(50 leaves at 100 rate.)

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FLORISTS' SUPPLIES WIRE WORK

PHONE MAIN 980 CONSIGNMENTS SOLICITED

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Wholesale Cut Flower Prices.

Chicago, Jan. 3, 1912.

	Per doz.
Beauty, long stems	$5.00 @ $6.00
" 36-in. "	4.00
" 30-in. "	3.00
" 24-in. "	2.50
" 20-in. "	2.00
" 15-in. "	1.50
" 12-in. "	1.25
" short "	.75 @ 1.00

	Per 100
Killarney	$ 4.00 @ $12.00
White Killarney	4.00 @ 10.00
Richmond	4.00 @ 12.00
My Maryland	4.00 @ 10.00
Mrs. Jardine	4.00 @ 10.00
Rhea Reid	6.00 @ 15.00
Mrs. Aaron Ward	6.00 @ 15.00
Rivoire (Bulgarie)	6.00 @ 15.00
Melody	4.00 @ 12.00
Perle	4.00 @ 12.00
Carnations	2.00 @ 4.00
Valley	3.00 @ 5.00
Easter Lilies	12.50
Callas	12.50 @ 15.00
Cattleyas....per doz., $6.00 @ $9.00	
Violets	.75 @ 1.25
Sweet Peas	.75 @ 1.50
Paper Whites	2.00 @ 4.00
Romans	2.00 @ 3.00
Mignonette	4.00 @ 8.00
Bouvardia	6.00 @ 10.00
Stevia	1.50 @ 2.00
Freesia	4.00 @ 8.00
Tulips	4.00 @ 5.00

Pittsburgh, Jan. 3, 1912.

	Per doz.
Beauty, Specials	$6.00
" Fancy	4.00
" Medium	2.00
" Short	1.00

	Per 100
Killarney	$4.00 @ $12.00
White Killarney	4.00 @ 12.00
Richmond	4.00 @ 12.00
My Maryland	4.00 @ 12.00
Carnations	2.00 @ 4.00
Cattleyas	75.00
Oncidiums	4.00
Valley	.00 @ 4.00
Lilies	12 00
Violets, double	.75 @ 1.00
Daisies	2.00
Paper Whites	3.00
Stevia	1.00 @ 2.00
Sweet Peas	1.00 @ 1.25
Lilac....per bunch, $1.00 @ $1.50	
Baby Primroses	.10
Mignonette	3.00 @ 4.00

Milwaukee, Jan. 3, 1912.

	Per doz.
Beauty, Long	$5.00 @ $6.00
" Medium	3.00 @ 4.00
" Short	1.50 @ 2.00

	Per 100
Richmond	$ 5.00 @ $12.00
Killarney	5.00 @ 12.00
White Killarney	5.00 @ 12.00
Carnations	3.00 @ 5.00
Valley	3.00 @ 4.00
Lilies	12.50 @ 15.00
Violets	1.00 @ 1.50
Snapdragon .....bunch, 35c @ 75c	
Paper Whites	3.00
Stevia	1.50 @ 2.00

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Vaughan & Sperry

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Wholesale and Retail Dealer in ALL KINDS OF
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Plants and Cut Fowers of every variety.
HEADQUARTERS For The Beautiful DREYERII FERN
Ready for delivery **now.** Price, 2½-in. pots, $25.00 per 100; $200.00 per 1000.
113 West 28th St., Telephone 2336 Madison Sq. NEW YORK

Wilson Plant Oil & Fertilizer Company
200 No. Broad St., ELIZABETH, N. J.
Horticultural Supplies
Write for our special Catalogue.
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ARTIFICIAL CAPE FLOWERS
All colors. Wired ready for use, waterproof, more advantageous than natural Capes. Samples on request. Also a full line of Crepe Roses, Chrysanthemums, Callas, Easter Lilies, Orchids, Acacias, Violets, Sweet Peas, Valley, Carnations, etc., natural prepared Adiantum, Sea Moss, Metal Wreaths, Crosses, etc., and everything in the Florists' Supply Line.
A. HERRMANN, 404-412 East 34th Street, NEW YORK CITY
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Gold Letters
Gummed gold, silver and purple letters, for inscriptions on floral designs. Best and cheapest on the market. Send for samples and prices.
J. LICHTENBERGER, 1564 Avenue A, NEW YORK
Telephone Lenox 5644
Mention The Review when you write.

Wholesale Cut Flower Prices.

New York, Jan. 1, 1912.

	Per 100
Beauty, Specials	$35.00 @ $50.00
" Fancy	25.00 @ 35.00
" Extra	20.00 @ 25.00
" No. 1	6.00 @ 10.00
" No. 2	4.00 @ 6.00
Bride and Maid	2.00 @ 8.00
Killarney	2.00 @ 12.00
My Maryland	2.00 @ 12.00
Richmond	2.00 @ 20.00
Chatenay	2.00 @ 15.00
Jardine	2.00 @ 15.00
Prince de Bulgarie	4.00 @ 20.00
Lady Hillingdon	4.00 @ 20.00
Orchids	30.00 @ 60.00
Cypripediums	10.00 @ 12.00
Carnations	2.00 @ 8.00
Easter Lilies	6.00 @ 10.00
Lily of the Valley	1.00 @ 3.00
Gardenias...per doz.,	$1.00 @ $5.00
Violets	.40 @ .75
Daisies	.50 @ 2.00
Hyacinths	.75 @ 1.50
Sweet Peas, doz. bches.,	$0.75-$1.50
Narcissi .....bunch,	.10- .15
Callas.....per doz.,	1.00- 1.50
Lilac .....per bunch,	.75- 1.00
Mignonette...per doz.,	.25- .75
Stevia .....per bunch,	.10- .20
Smilax.....per doz.,	1.00- 1.50

THE REVIEW sends Scott's Florists' Manual postpaid for $5.

PLEASE stop my ad for carnations, as I was sold out quick.—J. W. Furst, Dayton, O.

Reed & Keller
122 W. 25th St., New York
FLORISTS' SUPPLIES
We manufacture all our Metal Designs, Baskets, Wire Work and Novelties.

BONNOT BROS.
WHOLESALE FLORISTS
55 and 57 W. 26th Street, Cut Flower Exchange, NEW YORK
OPEN ALL DAY
An Unexcelled Outlet for CONSIGNED FLOWERS
Telephone No. 850 Madison Sq.
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We Are 'Way Ahead
of last year in the volume of our **collection business;** but we can do still more. Do not wait, but send us all your back accounts now. Rates and methods on application.
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56 Pine St., NEW YORK
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P. T. Mellis, Pres. Robert G. Wilson, Treas.
Greater New York Florist Association, Inc.
Wholesale Commission Dealers in Cut Flowers and Supplies
162 Livingston St., Brooklyn, N. Y.
GEORGE W. CRAWBUCK, Manager.
Mention The Review when you write.

RICE BROTHERS
Wholesalers of Cut Flowers and Florists' Supplies
MINNEAPOLIS, - MINN.
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WOODROW & MARKETOS
Wholesale Plantsmen and Florists
41 West 28th Street, NEW YORK
Telephone 3860 Mad. Sq.
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PR TCHARD & DONAHUE
Wholesale Florists
55-57 West 26th St., NEW YORK
Tel. No. 7764 Madison Square.
OUR SPECIALTIES:
Adiantum, Bouvardia, Violets, Roses, Carnations.
References: Corn Exchange Bank and Bradstreet & Co.
HONEST RETURNS
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WHOLESALE FLORIST
55 and 57 W. 26th St., NEW YORK CITY
Phones 4620, 4621 Madison Square
VIOLETS Roses and Carnations
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HENRY R. CRAWBUCK
270 Pearl St., BROOKLYN, N. Y.
Wild Smilax, Galax, Ferns, Palm Leaves, etc.
Telephone 4831 Main

Established 1887

J. K. ALLEN

Fine assortment of All Cut Flowers. Roses, Carnations, Orchids, Valley, Violets, Narcissi, Hyacinths, etc. Oldest Reliable Cut Flower Business in New York. Open every morning at 6 o'clock.

WHOLESALE COMMISSION DEALER IN CUT FLOWERS

106 W. 28th St., New York Near Hudson Tubes Phones {4468 / 187} Madison Sq.

Charles Millang WHOLESALE FLORIST

Ground Floor of the Coogan Building, NEW YORK CITY

55 and 57 West 26th Street 6 a. m. to 6 p. m. every day in the year

Headquarters for Violets

Most convenient store for customers in the city. Tel. 7062 Madison.

Consignments Solicited The Highest Values Guaranteed

M. C. FORD, 121 W. 28th Street, Tel. 3870-3871 Madison Square New York

Successor to Ford Bros.

The largest Shipper and Receiver of **Fresh Cut Flowers**

☞ A complete assortment of the best in the market can always be relied upon.

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GEORGE COTSONAS & CO.



Wholesale and Retail Dealers in all kinds of

EVERGREENS

Fancy and Dagger Ferns, Galax, Brown and Green

137 W. 28th St., NEW YORK CITY

Leucothoe Sprays, Princess Pine, Holly, Southern Wild Smilax. Telephone 1202 Madison



FRANK H. TRAENDLY CHARLES SCHENCK

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Wholesale Florists and Cut Flower Exchange

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Telephones 798 and 799 Madison Square CONSIGNMENTS SOLICITED

BONNET & BLAKE WHOLESALE FLORISTS

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Headquarters for all kinds of top-grade stock, from the **BEST** Eastern growers.

Established 1903 Prompt Payments

SIEBRECHT & S. EBRECHT

S & S

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Orchids, Gardenias, Violets, Lily of the Valley, etc.

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Wholesale Florist, 57 West 26th Street NEW YORK CITY

MY SPECIALTIES:

Orchids, Gardenias and Violets.

Telephone No. 3864 Madison Square.

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119 W. 28th Street, NEW YORK

WHOLESALE

All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Greens. Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

Mention The Review when you write.

GROWERS' CUT FLOWER CO.

Cut Flowers at Wholesale

J. J. COAN, Manager Consignments Solicited

111 West 28th Street, Telephone 6237 Madison Square. NEW YORK

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A. L. YOUNG & CO., WHOLESALE FLORISTS

54 West 28th St., Tel. 3559 Madison Square, NEW YORK

☞ Consignments of Choice Cut Flowers solicited. Prompt payments. Give us a trial.

Mention The Review when you write.

1888 **GUNTHER BROS.** 1911

Wholesale Florists

110 West 28th Street, Tel. 551 Madison Square, **New York**

Consignments solicited of

FRESH CUT FLOWERS

Always Mention the...

FLORISTS' REVIEW

When Writing Advertisers

N. LECAKES & CO.

58 W. 28th St., NEW YORK

Tel. No. 1415-1416 Madison Square



Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street, and 34th Street Cut Flower Market.



SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.

Green and Bronze Galax Leaves.

P. J. SMITH

Successor to John I. Raynor. Wholesale commission florist. Selling agent for largest growers. A full line of choice Cut Flower Stock for all purposes by the 100, 1000 or 10,000. Consignments solicited. Telephone 1998 Madison Square.

The Home of the Lily

49 WEST 28th ST., NEW YORK CITY

Mention The Review when you write.

RUSSIN & HANFLING

Office and Salesroom

114 West 28th Street, NEW YORK CITY

Tel. 3053 Madison Sq.

Manufacturers and Importers of

WILLOW AND FANCY BASKETS FOR FLORISTS

Dealers in Florists' Supplies

☞ Our Specialties, Wheat Sheaves and Baskets

Mention The Review when you write.

WILLIAM H. KUEBLER

Wholesale Commission Dealer in

CUT FLOWERS

Room for the products of growers of first-class stock. We have what you want when you want it.

28 Willoughby St., Brooklyn, N. Y.

TEL. 4591 MAIN

Mention The Review when you write.

ROSES AND CARNATIONS

Extra Fine—Fancy Ferns

Detroit Cut Flower Supply House

Wholesale Commission Florist H. V. PEARCE, Pres.

6 Adams Ave. W., Detroit, Mich.

Consignments solicited

Mention The Review when you write.

George Saltford

WHOLESALE FLORIST

129 West 28th Street, New York City

Tel. No. [illegible] Mad. Sq.

We have room for a few more good growers. Prompt payments and top prices.

Mention The Review when you write.

Nursery Stock For Florists' Trade

Large General Assortment for Spring Planting

WRITE FOR TRADE LIST

W. & T. SMITH COMPANY, Geneva, N. Y.

800 ACRES —— 65 YEARS

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Officers for 1911-12: Pres., J. H. Dayton, Painesville, O.; Vice-pres., W. H. Wyman, North Abington, Mass.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-seventh annual meeting, Boston June 1912.

WHAT glad acclaim would greet a plan that would substitute national inspection and control for state inspection and control of the nursery business!

C. W. ZORN, who, with his brother, was in the nursery business for a number of years at Roff, Okla., has removed to Ada, Okla., and will establish a nursery there.

THE Western Home Nursery Co., of Weatherford, Tex., has filed a deed of assignment for the benefit of its creditors. T. A. Wythe was appointed assignee. The total liabilities are estimated at $8,748.16 and assets at $5,340.99.

STORRS & HARRISON Co., Painesville, O., recently received an importation invoiced as spiræa, on which the collector of customs at Cleveland assessed duty at twenty-five per cent as nursery stock. Under protest, the merchandise was held to be dutiable at $2.50 per thousand as astilbe.

BECAUSE practically all nurserymen are opposed to the so-called Simmons bill providing for a quarantine against infected or diseased nursery stock, it does not follow that they all are opposed to a plan of federal inspection and regulation so devised that trade interests shall be properly safeguarded.

THE East Lawn Nursery & Development Co. has been incorporated at Sacramento, Cal., for the purpose of conducting a wholesale and retail flower, nursery and plant business and maintaining acreage for development purposes. The capital stock is $25,000. The directors are Robert Armstrong, S. M. Hulett, Peter B. Newman, J. W. Mitchell and A. Duhem, all of Sacramento.

THE Hoopes Bros. & Thomas Co., of the Maple Avenue Nurseries, West Chester, Pa., recently added another farm to the nursery grounds and a large force of men have been employed in preparing the newly acquired land for the firm's use. An unusually heavy spring business is expected, and the preparations made for the shipment of stock are the most extensive in the company's experience.

NURSERY IMPORTS.

The imports of what the statisticians of the Treasury Department classify as "plants, trees, etc.," for the month of October this year and last were as follows:

October, 1911	$425,746
October, 1910	322,886

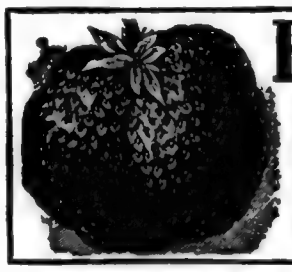
B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City. Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS, Nurserymen and Florists RUTHERFORD, N. J.

Mention The Review when you write.



Fall Bearing Strawberries

Wonderful Fall Bearing Strawberries are a great success. Bear fruit fall and spring, three crops in two years. Have yielded as high as 10,000 qts. to acre in Aug., Sept. and Oct. of first year, with us. We cannot get enough fruit to supply demand at 25c per qt. wholesale. I know of nothing in the fruit line quite so profitable. We are also headquarters for Plum Farmer, Idaho and Royal Purple Raspberries, Early Ozark Strawberry, Watt Blackberry, Hastings Potato. Catalogue of all kinds of Berry Plants free. Address **L. J. FARMER, Box 286, Pulaski, N. Y.**

Mention The Review when you write.

TWO MILLION PRIVET CUTTINGS

OFFERED BY A PRIVET SPECIALIST

C. A. BENNETT, Robbinsville, N. J.

Mention The Review when you write.

California Privet

A full supply for all who need well grown, well graded, well rooted and well packed 2-year-old

California Privet

Only strong branches counted. Satisfaction guaranteed.

	Per 100	Per 1000
12 to 15 in., branches	$1.00	$ 7.00
15 to 20 in., 3 or more branches	1.50	10.00
20 to 30 in., fine, 4 or more branches	2.00	15.00
2½ to 3 ft., strong, 6 or more branches	3.00	25.00
3 to 4 ft., extra hv'y, 8 or more branches	4.00	30.00

10 per cent off on 5000 lots of the first four grades. Special low rates on car lots. Correspond before purchasing.

Chas. Black, Hightstown, N. J.

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LARGE TREES

OAKS AND MAPLES, PINES AND HEMLOCKS

ANDORRA NURSERIES

Wm. Warner Harper, Prop.

Chestnut Hill, Philadelphia, Pa.

Mention The Review when you write.

FIELD GROWN SHRUBS IRIS PÆONIES ROSES THE USN CO

The United States Nursery Co.

Roseacres, Coahoma Co., MISS.

Mention The Review when you write

PEONIES

We have one of the finest stocks anywhere in the country and should be very glad to figure with you on your list of wants.

PETERSON NURSERY,

Stock Exchange Building, CHICAGO

Mention The Review when you write

PLANTS FOR THE SEASHORE.

Can The Review suggest some annuals, perennials, shrubs and trees that would stand the effect of the salt waves several times during the year? I should be pleased to know of some.

J. L.

In shrubs and trees Salix alba, Salix

ROSES FOR FORCING

"THE J. & P. PREFERRED STOCK"

We consider the deliveries we are now making to be the best plants we have ever grown. We have a few left for late buyers.

CRIMSON RAMBLER, HIAWATHA, VEILCHENBLAU (Blue Rambler), WHITE DOROTHY, PHILADELPHIA RAMBLER, at $15.00 per hundred.

TAUSENDSCHON .....$18.00 DOROTHY PERKINS.....$12.00

BABY ROSES

Crimson, Baby Rambler, $15.00 per 100.
White, Katherine Zeimeth, $15.00 per 100.
Pink, Mrs. Cutbush, $15.00 per 100.
Scarlet, Jessie, $3.00 per dozen.
(The BEST Baby Rose for pot culture.)

The following bush roses at $15.00 per hundred:

American Beauty, La France, Killarney, Hermosa, Leonie Lamesch, Hugh Dickson, Mme. Caroline Testout, Kaiserin, Duchess of Albany, Etoile de France, Clothilde Soupert, White Cochet, Gruss an Teplitz, Anny Muller, Maman Cochet, Magna Charta.

All fine forcing grade, the very best plants selected out of immense blocks.

HALF-STANDARDS, Baby Ramblers, imported, at $3.00 per dozen.

JACKSON & PERKINS CO., Rose Growers for the Trade. Wholesale Only. **Newark, New York.**

Mention The Review when you write.

Clematis Paniculata

Strong, Field-grown Stock.

2-year, No. 1,
$7.00 per 100; $60.00 per 1000.

Extra selected,
$8.00 per 100; $70.00 per 1000.

VICK & HILL CO.

P. O. Box 613 ROCHESTER, N. Y.

Mention The Review when you write.

HARDY CHOICE

ORNAMENTALS

Ask for Prices

Hiram T. Jones

Union County Nurseries, Elizabeth, N. J.

Mention The Review when you write.

LEEDLE SPRINGFIELD ROSES

2½-in. 4-in.

Shipping Booking Growing

Mention The Review when you write.

THIS VALUABLE NOVELTY

will be in much request as a weeping Rose, for its glowing color, appearing as it does in the early days of July, when our Roses are in the zenith of their beauty, gives just that touch of color needed in weeping Roses. Both Hiawatha and Excelsa are a week or two later, and Crimson Rambler and Rubin are not good when grown in this form, so that American Pillar cannot fail to be most useful. There is quite an elegance of growth, almost as graceful as the true Wichuraianas, from which it must surely be a hybrid, and the splendid foliage, retained beyond Christmas, is in itself quite a picture. The flowers of American Pillar are very persistent, a valuable feature in a single Rose. They are fully three inches across and of a lovely rosy crimson color, with large white eye. They are produced in nice clusters, not, of course, so large as Dorothy Perkins, but quite large enough to make a fine show—The Garden, England.

AMERICAN PILLAR HAS HOSTS OF FRIENDS

Tenants Harbor, Me., 2-3-11.—Gentlemen: Many thanks for your beautiful catalog. I want to tell you that I have one American Pillar which I have had for four years. It grows beautifully in this climate (way down on the coast of Maine) and is very much admired by everyone who sees it. Very truly yours.—Mrs. J. H. D———.

New Castle, Del., 11-12-1910.—Gentlemen: The American Pillar Rose you sent me is the finest of them all, and I have some ten different varieties. It was covered with thousands of blossoms, and the original plant covers an arch over ten feet high, and ten or twelve feet long. I have many Roses, but the American Pillar is the most admired of them all. I never find any trouble with mildew or insects. Your Roses are better than you claim and I am a most enthusiastic believer in Conard & Jones Company. Very sincerely.—Mrs. Selden S. Deemer.

Comment from the London Garden.—"A most notable feature in this glorious display (Temple Flower Show in London) was the New 'American Pillar' Rose. The large and attractive rich rose pink blooms are produced in immense clusters, the white centers of the blooms adding to their attractiveness.—Florists' Exchange."

The best pink rambler is American Pillar; it is an extraordinary grower, its foliage is darker in color than any other, and it is more evergreen than any known kind. It produces immense clusters of large flowers from 1½ to 2½ inches in diameter. This variety created quite a sensation when shown by us last year; it has been awarded the R. H. S. Award of Merit.—Hobbies, Limited, London, England.

"The Rose is of too recent introduction to write otherwise than generally about it. Its strong points appear to be its fine growth, lateness and showy flowers, and its really magnificent foliage, which clothes the stem down to the base, the pillars looking in Autumn as though clothed with ivy rather than a Rose foliage. Its special uses are as a tall pillar or rambling over a pergola, arch or screen."—From 1911 Rose Annual of the National Rose Society.

Prices.—Strong 3 year (4 to 5 ft.), $35.00 per 100; 2 year (3 to 4 ft.), $25.00 per 100; plants from pots, hardened, 2½ inch, $10.00 per 100; f. o. b. West Grove.

THE CONARD & JONES CO., West Grove, Pa.

Mention The Review when you write.

The Best White Rose Ever Offered

WE SHALL DISSEMINATE

Double White Killarney

We Are Now Booking Orders For March Delivery.

It made a great record at the shows this fall. See it growing at The Budlong Rose Co., in Auburn, R. I., or with us at Cromwell.

Order now to be sure of early delivery.

A. N. PIERSON, Inc., Cromwell, Conn.

Mention The Review when you write.

lucida, Pinus rigida, Ailanthus glandulosa, Populus monilifera, Populus tremuloides, Rosa rugosa, Baccharis halimifolia, Prunus maritima, Cephalanthus occidentalis, Myrica cerifera, Myrica Gale, Hippophae rhamnoides, Hippophae salicifolia, Robinia Pseudacacia, Tamarix Indica, Tamarix Gallica, Tamarix Chinensis, Viburnum dentatum, Viburnum cassinoides and Pinus resinosa all do quite well near the water's edge, and about all withstand the salt spray. Many annuals and a large proportion of the perennials will stand an occasional wetting over. C. W.

Concord, N. H.—H. D. Whitney & Sons, of Ferncroft Farm, have completed the erection of an iron-frame house, with a potting room and cellars, to take the place partly of buildings that were demolished by a cyclone last July. They are beginning the new year with prospects of heavy trade.

PACIFIC COAST.

PORTLAND, ORE.

The Market.

The holiday rush is over and everything is back to normal. The florists are unanimous in their statement of results, reporting a substantial increase over former years. Almost everything was sold out clean, at good prices. All available help and all the space were taxed to the utmost and it would have been almost impossible to handle any more trade. The chief demand was for poinsettias, though the supply of Lorraine begonias was never finer and they cleaned out at a good profit. Azaleas, cyclamens and basket arrangements found favor among all classes. Carnations, especially the red varieties, were cleaned out early. There was a good supply of mums. Violets, valley and orchids were particularly scarce. Green goods also moved well. The shipping trade was unusually brisk, which is an important factor to the retail trade.

Various Notes.

T. A. Chervenka, formerly with T. L. Metcalfe, at Madisonville, Ky., has taken charge of the rose section at the greenhouses of Clarke Bros.

Martin & Forbes have purchased another delivery car, of a larger type. They found it a valuable asset during the holiday rush. E. R. C.

SAN FRANCISCO, CAL.

The Market.

Christmas, 1911, is now a thing of the past and although it is not yet time to have full details of the interesting event from all the trade in this neighborhood, a fairly accurate summary of the business can be given. The weather, although miserably dry and dusty, was favorable for shoppers and the stores in the retail districts were well satisfied on that score. With only a few exceptions, there was plenty of stock of all kinds. About three days before Christmas the growers raised prices about thirty per cent on almost everything, but as they had been selling flowers at low rates for several months preceding, buyers could not object much at this time. From all sides come reports that there was just about enough stock brought into town to fill requirements, and since then, owing to the close cutting and the severe cold snap, all lines are scarce. The cut poinsettias from the south, as well as the home-grown pot stock, did not move as well as one year ago, and prices were a shade lower in consequence.

Roses were good, and the same can be said of carnations, with prices practically similar to those of last season. Valley and orchids were in good demand, but mums showed the lateness of the season and had only a fair sale. Daffodils, narcissi and violets moved rapidly. In pot plants azaleas, heath, ferns, palms and mixed pots of many kinds were sold out completely by Christmas eve. The larger sizes of palms and ferns were the slowest to sell.

In many ways trade was a repetition of Thanksgiving; there were more sales made, but they were usually for smaller amounts. However, there is no question but that the aggregate of 1911 was fully as good as that of 1910. Red berries and all sorts of green goods had a phenomenal sale and many retailers found these the best paying portion of the holiday business.

Various Notes.

Mark Daniels will lay out a 200-acre park for Frederick Sharon, at Menlo Park, during the coming season.

A. J. Cook, of the Horticultural Commission, is in town for a few days.

A. Gyfelbrecht, of the Alameda Floral Co., was struck and badly injured by the local train in Alameda, December 23. His horse was killed and his wagon, which was filled with plants, was completely demolished.

Frank Manahan, formerly with the Spokane Floral Co., of Spokane, Wash., is in San Francisco, with the intention of permanently locating here.

The Eddy Street Floral Co. has surrendered its lease in the Examiner building, and the premises will be opened by the United Cigar Co. G.

SEATTLE, WASH.

The Market.

Christmas trade was fully up to expectations, all the stores having a large stock and every one of them being as busy as could be. The day falling on Monday this year caused the busy time to last longer than usual, many of the stores having all they could do to handle the trade Sunday as well as Saturday. Friday the weather gave promise of a more than usually seasonable Christmas, but the sprinkle of snow that fell on that evening was quickly melted by the sunshine and warm wind of the two following days, so that we had our customary mild Christmas weather. The majority of the florists claim that trade was much better than last year, one of the leading houses stating that their business was fully a third heavier than last season.

The large number of pot plants that are now given as Christmas presents caused the supply to be pretty well depleted by Sunday, subsequent sales pretty well cleaning up the balance. Cyclamens were in fine shape and nearly all sold out at from $1.50 to $2.50 each. Poinsettias, primulas, geraniums, palms and ferns all sold well at good prices. In cut flowers the demand was heaviest for carnations, good reds bringing as much as $3 a dozen, other colors selling from $1.50 up. Some fine Nonin and Maud Dean chrysanthemums were selling at $6 per dozen, but the

RAHN & HERBERT

110 E. 49th St., PORTLAND, ORE.

Marguerite Mrs. F. Sander, 2½-in. pots, fine plants, $15.00 per 100.

Heliotrope Centifleur, 2½-in. pots, $10.00 per 100.

Hall Caine Geranium, largest and best bloomer of all, single, red, 2-in. pots, $5.00 per 100.

Palms, Ferns and Araucarias. Write for prices.

Mention The Review when you write

SEATTLE CUT FLOWER EXCHANGE

909-911 Pest St., SEATTLE, WASH.

Everything in cut flowers, greens, plants, etc., at lowest prices.

Write, wire or phone. L. P. WALZ, Mgr.

Mention The Review when you write.

Chrysanthemum Stock Plants

	Per doz.	Per 100
WHITE		Per plant
Mrs. David Syme		$1.00
Other Varieties		
W. Oct. Frost	$0.60	$4.00
Kalb	.60	4.00
White Cloud	.60	4.00
Ivory	.60	4.00
Virginia Poehlmann	.60	4.00
Touset	.60	4.00
Alice Byron	.60	4.00
W. Eaton	.60	4.00
W. Jones	.60	4.00
W. Chadwick	.60	4.00
Jeanne Nonin	.60	4.00
YELLOW		
Yellow Oct. Frost	.75	5.00
Monrovia	.60	4.00
Oct. Sunshine	.60	4.00
Halliday	.60	4.00
Yellow Ivory	.75	5.00
Major Bonnaffon	.60	4.00
Y. Eaton	.60	4.00
Golden Chadwick	.60	4.00
Yellow Jones	.60	4.00
PINK		
Pink Ivory	.60	4.00
Balfour	.60	4.00
Dr. Enguehard	.60	4.00
Maud Dean	.60	4.00
RED		
Intensity	.60	4.00
Shrimpton	.60	4.00
BRONZE		
Fancy Bronze	.75	5.00

ROOTED CARNATION CUTTINGS

	R. C.		2½-in. pots	
	100	1000	100	1000
Enchantress	$2.50	$20.00	$3.50	$30.00
White Enchantress	2.50	20.00	3.50	30.00
Winsor	2.50	20.00	3.50	30.00
Harlowarden	2.50	20.00	3.50	30.00
Beacon	3.00	25.00	4.00	35.00

Woodland Park Floral Co.

S. Poolman, Mgr. SUMNER, WASH.

P. O. Lock Box 86. Phone Farmers 84.

Mention The Review when you write.

NEW SEED CATALOGUE

AND PLANTERS' GUIDE

The Nineteenth Annual Catalogue of the

AGGELER & MUSSER SEED CO.

is again before the public. It is larger and a decided improvement over any previous number, which indicates the growth of a wide-awake, up-to-date seed house. It tells you **WHAT** to plant and **WHEN** to plant it under every condition of climate and soil. **WHAT** and **WHEN** to grow for the local market, or for export.

The list of roses and ornamental plants cannot be excelled It is free for the asking. Write for it at once. Address

AGGELER & MUSSER SEED COMPANY,

113-115 North Main Street, Los Angeles, Cal.

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SHASTA DAISIES

Alaska, California and **Westralia,** extra strong field divisions, $24 00 per 1000; $2.50 per 100.

Cyclamen Persicum Giganteum, 3, 4 and 5-in. pots, $7.00, $12.00 and $20.00 per 100. Fine bushy plants, well budded.

Asparagus Plumosus, 3-in., $5.00 per 100.

Asparagus Sprengeri, 3, 4 and 5-in. pots, $5.00, $8.00 and $15.00 per 100.

Also **Shasta Daisy, Pentstemon Hybridum Grandiflorum, Delphinium Hybridum** and other choice seeds. Send for list.

Cash, please.

FRED GROHE, Santa Rosa, Cal.

R. D. 4.

Mention The Review when you write.

CYCLAMEN

7-in. pots, per doz	$ 9.00
6-in. pots, per 100	65.00
5-in. pots, per 100	$45.00 to 50.00
4-in. pots, per 100	25.00
Cyclamen, 25,000 August seedling plants, all separate colors, per 100, $2.00; per 1000,	18.00
Asparagus Plumosus, 3-in. pots, per 100	7.00
" " 2-in. pots, per 100	3.00
" **Sprengeri,** 3-in. pots, per 100	5.00
" " 2-in. pots, ready for shift, per 100	2.50
Boston Ferns, per 100	$25.00, $40.00 and 50.00
Elegantissima Ferns, 100, 25.00, 40.00 and	50.00
Whitmani Ferns, per 100, 25 00, 40.00 and	50.00

F. O. B. Portland

R. KEIL, - Lents, Oregon

Always mention the Florists' Review when writing advertisers.

majority of the stock showed the effect of being held rather late. The finest poinsettias ever put on the market here sold freely at $6 a dozen. Roses were not overplentiful, most of them being quickly taken, the best bringing $6 a dozen. There seemed to be a total absence of any local roses. Violets were plentiful, as were Paper Whites and Romans. Orchids, as usual, were scarce and in good demand.

The stores were, as a rule, more elaborately decorated than in former years at this season, some of them making up in ribbons what they lacked in flowers. The result, however, seemed to justify the increased outlay, so that florists here can look back upon Christmas, 1911, with no small measure of satisfaction.

Various Notes.

Sam Graff, who has been in his present location on Second avenue since last Easter, has sold his lease of the store, his intention being to move farther down town.

Frank Bell is contemplating growing kale for his next Christmas crop. The plants he sold this year were bonanzas, all right.

Hollywood Gardens had some large decorations this week, one in Christensen's hall being especially effective.

Lily growers are busy getting some of their stock in crop as fast as possible for funeral work. T. W.

LOS ANGELES, CAL.

The Market.

As outlined in our brief report last week, the Christmas business was of the most satisfactory and encouraging character and everyone connected with the trade has reason to remember the season of 1911 with feelings of intense satisfaction and confidence in the future. It has again been shown, without the possibility of doubt, that our city is capable of much better things in the florist's business than have ever been seen or done here yet, and it is up to the trade generally, retailers, growers and wholesalers alike, to work for the good of the business as a whole.

High prices are not always an unmixed good. It is all very well to clean out second-rate American Beauty roses at $25 per dozen, but the question of satisfaction to the ultimate consumer is as important as that of present profit and before the retail trader can hope for the best results a broad, honest policy will have to be followed consistently. Growers will have to improve their methods and retailers will have to be content with a fair profit. Then the great American public will enter a flower store as it does a department store, confident that the best possible is being done for its interests. We are glad to see that this spirit is about and that the hold-up policy of by-gone days is dying out.

The new year is no better time than any other for making good resolutions, but it is at least as good, and any old time is good for keeping them. At least the time following a holiday is a good one to make note of what is needed for another season, both by growers and retailers.

During the holiday just passed there was a decided shortage of nice little decorative stock suitable for making up into baskets, also of a moderate

Rooted Carnation Cuttings

NOW READY

White	100	1000
White Enchantress	$2.50	$20.00
White Perfection	2.50	20.00
Alma Ward	2.50	22.50
White Wonder	6.00	50.00
Red	**100**	**1000**
Beacon	$2.00	$17.50
Victory	2.00	17.50
Crimson	**100**	**1000**
Harlowarden	$1.75	$15.00

Pink	100	1000
Enchantress	$2.50	$20.00
Rose-pink Enchantress	2.00	18.00
Dorothy Gordon	3.00	25.00
Washington	6.00	50.00
Princess Charming	$8.00	$50.00
Admiration	2.00	18.00
Yellow	**100**	**1000**
Eldorado	$1.75	$15.00

Express charges on rooted cuttings amounting to $10.00 or more prepaid. 25 at 100 rate; 250 at 1000 rate.

Loomis Carnation Co.

D. F. RODDAN & SON, Props. LOOMIS, Placer Co., CAL.

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Los Angeles Flower Market

CHAS. E. MORTON, Mgr. 414½ S. Broadway, Los Angeles, Cal.

The best equipped wholesale house on the Pacific Coast. Handling the entire cut from eighteen large growers. Chrysanthemums, Roses, Carnations, Violets, Plumosus, Ferns, Smilax, in fact everything in season.

FLORISTS' SUPPLIES

Write, telegraph or telephone your orders. Prompt attention given.

Mention The Review when you write

ROOTED CARNATION CUTTINGS Immediate Delivery

	100	1000		100	1000
Rose-pink Enchantress	$2.00	$18.00	Eldorado	$1.80	$17.00
Enchantress	1.80	17.00	Victory	1.80	17.00
W. Enchantress	2.00	18.00	Winona	1.70	16.00
Beacon	1.80	17.00	W. Perfection	2.50	20.00
Harlowarden	1.70	16.00	O. P. Bassett	2.50	20.00
White Lawson	1.80	17.00	Winsor	2.00	18.00

All heel cuttings and well rooted.

FALLEN LEAF GREENHOUSES, Roseville, Cal.

Mention The Review when you write.

Rooted Carnation Cuttings

BASSETT'S FLORAL GARDENS, B. S. BASSETT, Proprietor **LOOMIS, CAL.**

Mention The Review when you write.

GREENS

We make a specialty of Decorative Greens: Smilax and A. Plumosus Strings, A. Plumosus and A. Sprengeri Sprays. Also cut flowers. Write for prices.

Walter Armacost

OCEAN PARK :: :: CAL.

PALMS PALMS PALMS PALMS PALMS

WASHINGTONIA ROBUSTA

1, 1½, 2, 2½, 3 and 3½ ft., at 25c, 30c, 40c, 45c, 55c and 75c each (balled plants). Ask for our Wholesale Palm List of all kinds of Palms (Cocos, Phoenix, Seaforthia, etc.) State quantity wanted.

EXOTIC NURSERIES, Santa Barbara, Cal.

PALMS PALMS

Mention The Review when you write.

CARNATION CUTTINGS

Beacon, $25.00 per 1000. Enchantress, White Enchantress, Perfection, Sangamo, Alma Ward, C. W. Ward, Shasta, Robt. Craig, $20.00 per 1000.

Chrysanthemum Stock, all standard varieties, $4.00 per 100. Smith's Advance, Gloria, Sieswath, Donatello, Patty, Pres. Taft, C. H. Totty, Polypheme, Western King; rooted cuttings, $5.00 per 100.

Rose Stock, 2-year-old, all varieties, perennials, etc. Write for prices.

Van Slyke & Seamons, Tacoma, Wash.

Mention The Review when you write.

Asparagus Plumosus and **Sprengeri**

Out of 2-inch pots, $3.00 per 100.

Phoenix Canariensis, out of 2½-inch pots, $5.00 per 100.

Washingtonia Sonorae, out of 2-inch pots, $5.00 per 100.

H. KEMPF, Pacific Nursery

3041 Baker St., SAN FRANCISCO, CAL.

priced line of pot plants, stock that could be retailed at from $1.50 to $2.50 and show a good profit to all concerned. This is a matter for the grower. Then the retailer ought to see to it that the stock he has is as well displayed as possible. One or two samples of prettily dressed plants or well executed baskets in the window excite the curiosity and admiration of the buyer better than a window full of stock so closely packed that its individuality is lost.

Various Notes.

A fire at the Homer Laughlin place a couple of nights before Christmas completely destroyed the propagating house and its contents, and but for the prompt work of the Hollywood fire department it would have spread to the other greenhouses and lath houses. James Taylor, the gardener here, had a fine lot of young stock in the house, which it will take some time to replace.

The H. N. Gage Co. reports a banner holiday business. Among the interesting offerings was a batch of Dutch hyacinths forced in good time for Christmas. These, it may be noted, were from bulbs grown right here in California by Mr. Gage. It is only a trial, but the results obtained seem to indicate great possibilities in this line.

The Los Angeles Flower Market was a busy place during the holiday rush. A few items, such as seventeen tons of California red berries, with other decorations, greens and cut flowers in like proportion, were among the specialties handled here and so great was the demand from nearby cities and towns that all late telegraphic orders had to be cut in two. Five men were continually employed making up holly wreaths, Delaware, Vancouver and local stock being used. Paper Whites and Romans are in and daffodils are almost ready. Manager Charles Morton suffered from a severe cold and loss of voice during the rush, but has quite recovered. He reports orders on Asparagus plumosus seeds as heavy, the coming crop being almost sold out.

At the Dieterich & Turner place at Montebello, in addition to the cut of Killarney, White Killarney, Beauty and other popular roses, there has been a fine cut of Mephisto, a beautiful dark red, and Prima Donna, a fine, full, deep pink, for the holiday business. Several new and promising things are being tried out this season. Rhea Reid is still successfully grown here, none of the leaf troubles from which it suffers in many places being apparent. In the lath house are growing magnificent kentias and other palms and a grand stock of Philodendron pertusum (Monstera deliciosa) in fruit and flower.

There was not a more elegant or more seasonable window in the city than that of O. C. Saakes at Christmas. He used poinsettias, good azaleas and other fine pot and basket plants liberally, as well as quantities of rich scarlet ribbon artistically draped around good foliage plants. Nothing was crowded, yet the effect was full and delightful and we could conscientiously congratulate "O. C." on the excellent taste displayed.

The Freeman-Lewis store was a busy place all through the recent holiday season and in addition C. Lewis was kept busy with table and other decorations. Mr. Lewis says he was distinctly encouraged with the excellent business done at their first big holiday season. They deserved it, for the store has been mighty good to look at right along and the class of flowers handled has been the best at all times.

Frank Lichtenberg, of The Florists, has noted quite a difference in the amount of business done since altering the windows at the store and only the scarcity of good stock prevented more business being done at the holiday season just passed. As it was all records were beaten and everything sold out.

Wm. Haerle, of the El Reah Greenhouses, has been cutting a fine crop of good Cattleya Trianæ and C. Perci-

Direct Importations---Tree Fern Stems

Due to arrive in the early spring of 1912.
The grandest and most graceful of all decorative plants.

Alsophila robusta, Dicksonia Antarctica, Dicksonia squarrosa, Cyathea medullaris, Cyathea dealbata, Cyathea Smithii Cyathea Cunninghami.

All sizes from three feet up.

We will also receive specimen plants of Platyceriums and Todeas,

Prices and particulars on application.

MacRORIE-McLAREN COMPANY

711-714 Westbank Bldg., SAN FRANCISCO, CAL. Nurseries, SAN MATEO, CAL.

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ASPARAGUS PLUMOSUS NANUS SEED

Season 1911—1912.

Ready NOW--our own grown seed

In Lots of 1,000 .....per 1000, $2.50
In Lots of 10,000 .....per 1000, 2.00
In Lots of 20,000 .....per 1000, 1.75
In Lots of 50,000 .....per 1000, 1.50

Write for quotations on larger lots.

Los Angeles Flower Market, 414½ South Broadway LOS ANGELES, CAL.

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Carnation Rooted Cuttings For January, February and March Delivery.

Beacon, Enchantress, Winsor, $2.00 per 100; $17.50 per 1000. Dorothy Gordon, $3.00 per 100; $25.00 per 1000. Victory, White Perfection, Rose-pink Enchantress, $2.50 per 100; $20 00 per 1000. Healthiest, cleanest plants you can find on Pacific coast. No cuttings taken from outdoor stock.

ASPARAGUS PLUMOSUS NANUS

2½-inch pots, from flats, ready for 3-inch pots.....per 100, $2.50; per 1000, $20.00

PANSY PLANTS, Henry Mette's Triumph of Giant, per 1000, $5.00.

H. HAYASHI & CO., 73rd Avenue and Thomas Street, Elmhurst, Cal.

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BARGAIN PRICES

Selling out all nursery stock except Kentias. **Areca Sapida**, potted, 2, 2½, 3, 3½, 4, 4½, 5, 5½-feet, at $1 20, $1.40, $1.80, $2.30, $2 90, $3.50, $4.20, $4.80 each. **Phoenix Canariensis**, balled and ready for shipment, 3, 3½, 4, 4½, 5, 5½-feet, at 60c, 80c $1.00, $1.20, $1.45, $1.75 each. **Phoenix Can.**, from 2½-inch, $5.00 per 100. **Washingtonia Rob.**, from 2-inch, $4.50 per 100. **Cocos Plumosa**, balled, 3, 4, 5, 6, 7 feet, at $1.88 $2.00, $3.00, $4.50, $6.00 each.

Write for special prices on carload orders.
Kentia Nurseries, - Santa Barbara, Cal.

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Sweet Pea Seed

"The Three Incomparable Reds"

Thos. Stevenson, orange-scarlet Spencer.
Maud Holmes, crimson (sun-proof) Spencer.
Kelway's Black, grandiflora.

Write for prices.

LEONARD COATES NURSERY CO.
Morganhill, Santa Clara Co., Cal.

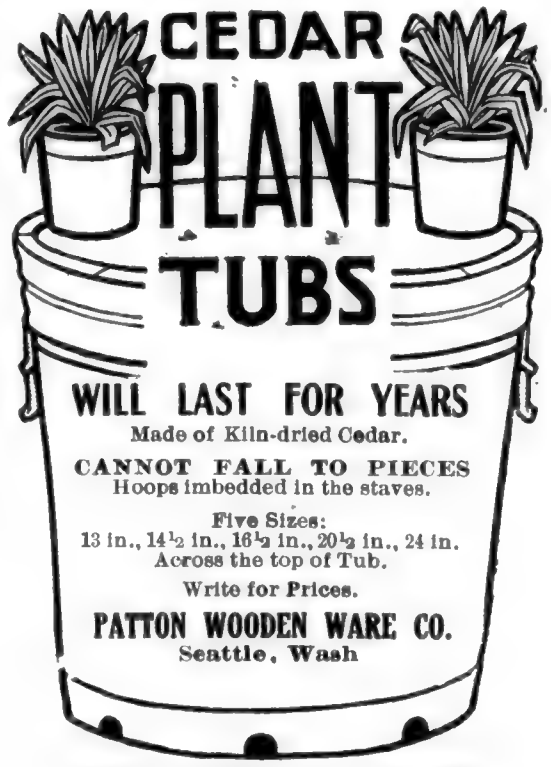
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50,000 PANSY PLANTS

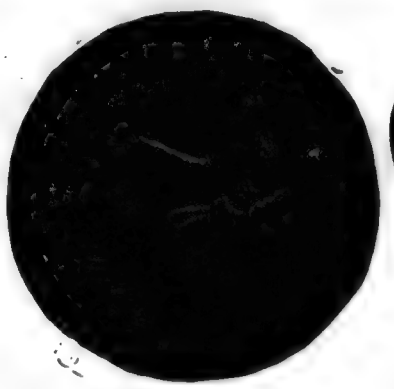
of the best mixtures known, stocky plants, ready to transplant now.....50c 100; $3.00 1000. Cash, please.

F. G. EHLE, 224 Sanborn Ave. SAN JOSE, CAL.

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THE

Carnation of Real Merit

The Best Money-maker

QUALITY MERIT

RAINBOW

WINNER OF THE BRONZE MEDAL

National Flower Show, Boston, March, 1911

A glorified Prosperity with all the good features of the Lawson Strain

With its name proclaiming its beautiful color combination, RAINBOW is one of the best, most profitable and remarkable carnations offered to the growers today. There are many reasons why you should grow Rainbow.

It is the best
It is easily propagated
It has a remarkably long, heavy, stiff stem
It has a strong, non-splitting calyx
It has large flowers of perfect form
It is a cool grower, doing best with 50°
It blooms freely, early, continuously
It is a good keeper

and, best of all, it is a money-maker and sells on sight

These are strong statements, but they are facts which you can prove for yourself.

We realize 40% to 60% more profit on Rainbow than on any of the many standard varieties we have ever grown. It was sold last season exclusively to the largest retail dealer in New York City, who took our entire output.

The delicate shading from deep to light pink makes it both a superior display bloom and a general-purpose flower, commanding the highest price everywhere. Our claims to superiority in Rainbow are supported by 15 years of painstaking experience in producing and growing carnation seedlings of extreme merit.

PEDIGREE:—Morning Glory crossed with Lawson, producing white seedling, overlaid with pink. This resulting seedling crossed with Lawson, producing Rainbow—"profitable and prolific."

Our propagating facilities are strictly up-to-date. We can deliver a half-million rooted cuttings and guarantee them to be perfect and satisfactory in every way. **Orders booked now for early delivery.**

$12.00 per 100; $100.00 per 1000

250 at 1000 rate. Liberal discount on large orders. Cash with order or good reference

WANOKA GREENHOUSES, BARNEVELD, NEW YORK

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valiana. His poinsettias were good for Christmas, but the plants were lacking in finish.

F. R. Hills was in with a big cut of adiantum, smilax and other greens, as well as a number of good Boston and Whitmani ferns. His stock looks fine and he is getting well established.

Begonias of the Lorraine type and some good Adiantum Farleyense were well displayed in the holiday windows at the Angelus Flower Store, where a good business was reported, everything being sold out.

The Hayward Floral Co. did the banner business of its career in plants and cut flowers. Some good skimmias, azaleas and ferns were among the leaders in plants.

G. W. Smith, of the firm of Howard & Smith, of this city and Montebello, was married December 14, Miss Eleanor Bell, of San Bernardino, being the bride. The young couple left at once on an extended automobile trip.

Knight's Flower Shop was crowded with customers during the holiday rush. Indeed, there are few times when one can enter this store and not find everyone busy. The old Chatenay rose is still grown for winter work at the Gardenia greenhouses of the firm, Tom Wright saying he can force it with less heat and less trouble than any other kind, while there is always a demand for the flowers.

Want of rest seemed to be the only thing troubling Albert Knopf, proprietor of the Redondo Floral Co., after the holiday rush, the whole force having been kept on the jump almost day and night right through.

At Morris Goldenson's large quantities of fine azaleas and other pot stock were handled, as well as a fine line of cut flowers, and Mr. Goldenson described the holiday business as much the largest he has ever handled.

H. R. R.

TACOMA, WASH.

The Market.

Christmas is over and everyone reports the best business they ever had. Stock was short and most of the stores were sold out the day before and depended largely upon the plant trade for the late customers. Everything sold well, with the possible exception of Romans, which seemed to move slowly. The growers, as usual, had to divide their stock, giving each buyer only a part of his original order.

Plants and the made-up stock sold well at good prices, some exceptionally fine cyclamens being shown this year.

Various Notes.

While John Watson was in town helping out with the Christmas store work, his greenhouses were entered by some sneak thief, who carried away about 300 carnations.

The store of M. E. Hayden was forced to close for some time Saturday, December 23, on account of a shortage of stock.

The California Florists report business the best for years. This firm handled some fine poinsettias grown by the local firms.

The Florists' Club meets Wednesday, January 10, 1912. J. L. S.

ST. LOUIS.

The Market.

Now, as the old year closes, it is possible to give the real facts of the holiday business. The general feeling as to the Christmas business this year, both among retailers and wholesalers, is that it was the best they ever had. "Ahead of any of the previous years," is the general verdict of all in the trade.

The last week, too, was a good one. Stock was not any too plentiful and Christmas prices prevailed all the week. Judging from the way the trade bought on Saturday and Sunday, they must also have experienced a good New Year's business.

Stock all through the week was of extra good quality. Roses and carnations were plentiful, but were cleaned out daily. There was quite a good supply of long, fancy Beauties at $9 per dozen. On good red carnations the price went up to $10 per hundred. The supply of these was inadequate. Violets remained at $10 per thousand and the price cleaned them up daily; last year the price was held at $20 to $30 per thousand and the trade would have little to do with them. Bulbous stock was plentiful all the week. Paper Whites and Romans were down as low as $2 per hundred. Valley and lilies sold well and there were plenty of these to be had.

The weather was splendid all the week, but today we are having a good, old-fashioned winter blast. Prices, no doubt, will go down somewhat this week.

Various Notes.

The C. Young & Sons Co. has the decorations for the Imperial ball this week. Six hundred fancy Beauties will be used in this decoration. The firm reports a splendid Christmas and New Year's business.

On Monday night, January 8, the St. Louis Retailers' Association will hold its first meeting in the new year. President Sanders hopes the members will take notice of this and come out in full force.

Andy Hoffman, of the George Waldbart force, says that their Christmas and New Year's business was larger than in any previous year. Large blooming plants were in great demand.

The Engelmann Botanical Club will hold its New Year's meeting Monday night, January 8, at the Missouri Botanical Garden. Secretary Pring says there will be good features presented, which ought to bring the members out for this meeting.

Ostertag Bros. had a number of New Year's decorations at downtown hotels, which kept them busy all day on Sunday. The store business during the holidays was the best in years.

Charles Young has been laid up at his home with a bad case of the grip and escaped some of the hard work during the holidays at the establishment of C. Young & Sons Co., of which he is a member.

William Smith, of the W. C. Smith Wholesale Floral Co., says they never had such a holiday trade as this year. They cleaned up well in everything.

The work of arranging and decorating the interior of C. A. Kuehn's new building is fast nearing the end. The large new ice-box is completed and the arrangements have also been finished

ST. NICHOLAS

We have put St. Nicholas to the severest tests in the way of keeping and shipping, and it has more than made good every time. As a long distance traveler it has no superior.

Its quality is well established by the high scores it has made everywhere we have shown it.

As a producer it equals any of the standard commercial varieties. Comes in early and never off crop.

Come and see it growing at our plant any time it is convenient to you. But send in your order for **early delivery.**

$12.00 per 100; $100.00 per 1000.

BAUR & STEINKAMP

Carnation Breeders **Indianapolis, Ind.**

ROOTED CUTTINGS

CARNATIONS

Strong, clean, healthy stock; well rooted when shipped. Ready January 1.

	100	1000		100	1000
Beacon	$2.50	$20.00	White Perfection	$2.00	$17.50
White Enchantress	2.50	20.00	Rose-pink Enchantress	2.00	17.50
Enchantress	2.00	17.50			

PETER REINBERG

30 East Randolph Street **CHICAGO**

ROOTED

CARNATION

CUTTINGS

Get the Very Best from the Best Place.

Our Carnation Cuttings are not over-propagated, weak stock, but healthy, strong cuttings. You'll be glad when you get them and happy when they bloom. White Perfection, Pure White Enchantress, Beacon, Mrs. C. W. Ward, Dorothy Gordon, Alma Ward, $3.00 per 100; $25.00 per 1000.

Enchantress, $15.00 per 1000.

C. C. Pollworth Co.

MILWAUKEE, WIS.

ROOTED

CARNATION

CUTTINGS

	Per 100	Per 1000
Alma Ward, white	$4.00	$35.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
Winsor, pink	3.00	25.00
Pink Enchantress	3.00	25.00
C. W. Ward, deep pink	4.00	35.00
Beacon, red	3.00	25.00

We have the cleanest stock in the West. If you want the best, then send us your early orders. We grow **only** the best commercial varieties, and save you that big freight and express charge from the East. Come any time and see us—and the flowers we grow.

W. H. Sawvel Floral Co.

115 Clinton Place, **Kansas City, Mo.**

THE NEW SCARLET COMMERCIAL CARNATION

DELHI

Has again made good as a Christmas crop. $8.00 per 100 was the price of the blooms. January cuttings all sold. Booking orders for early February delivery now. If you want a commercial carnation that will bloom when you want a red for the holidays, get Delhi.
Good strong cuttings, 100, $10.00; 1000, $75.00; 5000, $65.00 per 1000; 10,000, $60.00 per 1000. 250 at 1000 rate.

WM. MURPHY, 309 Main St., Cincinnati, Ohio

S. S. SKIDELSKY & CO., 1215 Betz Building, Philadelphia, Pa.

Mention The Review when you write.

New Carnation

"It's making good."
"You can't do without it."
"In a class by itself."

Princess Charming

Flesh pink; finer color, larger flower, longer, stiffer stem, will furnish more first-class blooms than Enchantress during season; absolutely healthy. $6.00 per 100; $50.00 per 1000.

CHRISTMAS CHEER

The scarlet pot carnation, an easy money maker. $6.00 per 100; $50.00 per 1000.

WODENETHE

The new peerless white. $12.00 per 100; $100.00 per 1000.

Henry Eichholz
WAYNESBORO, PA.

Mention The Review when you write.

SMITH'S ADVANCE

The Earliest Large-flowered
WHITE CHRYSANTHEMUM

We offer young stock from one of the most celebrated growers, 2-in. pots, $1.25 per dozen, $10.00 per 100.
Stock grown to your order.

A. L. RANDALL CO.
66 E. Randolph St., CHICAGO, ILL.

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NOTICE

To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the continent of Europe: Your best means of doing this is to take in the

Horticultural Advertiser

Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade.

A. & C. Pearson, Lowdham, Nottingham, Eng.

Mention The Review when you write.

Booking orders now for

HELEN NEWBERRY

The Fine Late White
POMPON CHRYSANTHEMUM

Delivery March 1, 1912. Orders Filled in Rotation

PRICES

100 for $15.00 25 for $5.00
50 for 7.50 12 for 3.00

Send orders to

Fred Pautke or **Fred Breitmeyer**
Grosse Pointe, Mich. Mt. Clemens, Mich.

Mention The Review when you write.

THE PLAIN TRUTH

has been our policy for years. We have done more to elevate the standard of

CHRYSANTHEMUMS

than any other firm.

Many who were patrons 20 years ago are patrons today. Continued confidence is an expression of appreciation which always reflects from quality of product and business methods.

It is not too late to begin aright,
What others have enjoyed you may enjoy.
The best time to begin is NOW.

All we ask is, that you ask for our 1912 catalogue in case you have not received it, and we will try and do the rest.

Elmer D. Smith & Co., ADRIAN, MICH.

Mention The Review when you write.

YOU WHO WANT

Early Cuttings

Place your orders and get

IMMEDIATE DELIVERY

	Per 100	Per 1000		Per 100	Per 1000
Enchantress, White Enchantress, Beacon,	$3.00	$25.00	Gloriosa, Norwood,	$6.00	$50.00

Dorothy Gordon, $4.00 per 100; $35.00 per 1000
Perfection, - 3.50 per 100; 30.00 per 1000
Winsor, - $2.50 per 100; $20.00 per 1000
Rose-pink Enchant., 2.50 per 100; 20.00 per 1000

J. D. Thompson Carnation Co., Joliet, Ill.

Mention The Review when you write

on the second floor, where supplies are now on exhibition. Mr. Kuehn says the local and shipping demand at Christmas was large and everything was cleaned up nicely.

Dave Geddes, of the Ayres Floral Co., reports that they had the greatest holiday plant and cut flower business the firm has ever had, with good prices.

John Wunderli, manager for the Alexander Floral Co.'s greenhouse plant at Clayton, is sending to this market a fine cut of roses. The varieties are Ward, Killarney, White Killarney and Richmond.

Henry Emunds, of Belleville, was over last week and he reports a great Christmas business for the Belleville florists. He still had a good supply of mum blooms for the holiday trade and they sold well.

Henry Berning and Geo. H. Angermueller both say they never had so large a demand for the holidays as this year. They cleaned out on everything except Paper Whites; of these there were too many in the market.

From what can be learned this early, a good number will go from here to Detroit next week to attend the rose and carnation meeting.

Fred H. Weber says trade at Christmas and New Year's was away ahead of any previous year.

President R. J. Windler, of the St. Louis Florists' Club, is making great efforts to have a large attendance at the meeting next Thursday afternoon, January 11, at 2 o'clock. J. J. B.

Chrysanthemums

WRITE FOR CATALOGUE

CHAS. H. TOTTY, Madison, N. J.

ROOTED ROSE CUTTINGS NOW READY

Kaiserin, per 100.....$3.50 Per 1000.....$25.00
Perles, per 100..... 3.50 Per 1000..... 25.00

All first-class stock, well rooted.

BASSETT & WASHBURN

Office and Store
131 N. WABASH AVE., CHICAGO

Greenhouses
HINSDALE, ILL.

Mention The Review when you write.

Don't Delay Ordering

Benora Carnation

NOW, for seasonable delivery.

Write for descriptive circular. Cultural directions with each shipment.

$12.00 per 100; $100.00 per 1000.

PETER FISHER, Ellis, Mass.

Mention The Review when you write.

Rooted Carnation Cuttings

of up-to-date varieties
List on application

LITTLEFIELD & WYMAN
NORTH ABINGTON, MASS.

Always mention the Florists' Review when writing advertisers.

JOHN SCOTT

Rutland Road and E. 45th St.,

BROOKLYN, N. Y.

Palms, Ferns and Decorative Plants

Mention The Review when you write.

THE NEW YELLOW FORCING ROSE SUNBURST



This magnificent, giant yellow rose has been tested for three years in our benches; it stands head and shoulders above all other sorts of its color and will rank with American Beauty and the Killarneys in value and grandeur—because

It has a long, pointed bud, which can be cut tight for market. It is pre-eminently a long-stemmed rose. The stem is always stiff. It is free in bottom breaks. Is extraordinarily vigorous and healthy. Belongs in the class of **Big Roses.** Its keeping qualities rank with the best. Buds shipped from Richmond last December opened up perfectly in both Philadelphia and New York, where it scored 90 before the Florists' Club.

The color is orange-copper or golden orange and golden yellow, all intense shades, extremely brilliant in effect.

Come and see it growing; we have 8,000 of it benched.

Does splendidly out of doors; will rank high as a bedder. At the Chicago show, 1910, it was awarded the silver cup for the best new rose never before exhibited, and the judges unanimously gave it honorable mention additional. Has created a sensation wherever shown.

Raised by M. Pernet-Ducher, from whom we bought the American rights.

We have divided our stock with Mr. C. H. Totty, of Madison, N. J., to give eastern growers a chance to see it growing. Will be distributed March 1 in America by C. H. Totty and The E. G. Hill Co. Mr. Pernet will distribute same date in Europe.

The American price is $30.00 per 100; $250.00 per 1000 (own roots); $5.00 per 100 additional for grafts

THE E. G. HILL CO., Wholesale Florists, RICHMOND, IND.

ROOTED

Carnation Cuttings

QUALITY the first consideration. Only strong, well rooted cuttings from absolutely healthy plants will be shipped. An order now insures your receiving stock when wished for.

	Per 100	1000
White Wonder Early, free, large pure white, on long, stiff stems	$6.00	$50.00
Mrs. C. W. Ward Deep pink	3.00	25.00
Sangamo Deep pink	3.00	25.00
May Day Daybreak color	2.50	20.00
Winona Medium pink	2.50	20.00
Winsor Clear pink	2.50	20.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00

Orders will be filled strictly in rotation. Remittances or acceptable references should accompany the order. One-third the amount to be prepaid for cuttings ordered sent C. O. D.

Frank P. Putnam

Pleasant View Gardens, NO. TEWKSBURY, MASS.
P. O. Address, Box No. 12, Lowell, Mass.

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KILLARNEY

Double Killarney is the best pink rose for warm weather. Contracts made for cuttings, eyes or own root plants.

JOHN WELSH YOUNG, Upsal Sta. P. R. R., Philadelphia, Pa.

Mention The Review when you write.

Double White Killarney Reuter's Strain

The *Silver Medal* Rose among novelties at the National Flower Show in Boston. Order now and get early delivery.

Grafted ....$30.00 per 100; $250.00 per 1,000.
Own root... 25.00 per 100; 200.00 per 1,000.

LADY HILLINGDON

A grand flower and one of the easiest to grow.

Grafted ....$25.00 per 100; $200.00 per 1,000.
Own root... 20.00 per 100; 150.00 per 1,000.

ROSE QUEEN—DOUBLE PINK KILLARNEY

Grafted ....$20.00 per 100; $150.00 per 1,000.
Own root... 15.00 per 100; 100.00 per 1,000.

MRS. TAFT (Prince de Bulgarie)

Grafted....$18.00 per 100; $150.00 per 1,000.
Own root.. 8.00 per 100; 70.00 per 1,000.

MELODY

Own root...$12.00 per 100; $100.00 per 1,000.

MRS. AARON WARD

Grafted ....$20.00 per 100; $150.00 per 1,000.
Own root... 10.00 per 100; 90.00 per 1,000.

S. J. Reuter & Son, Inc., Westerly, R. I.

Mention The Review when you write

MELODY, own root, 2½-in. pots, 30c each; $2.50 per dozen; $12.00 per 100; $100.00 per 1000.

DOUBLE PINK KILLARNEY, own root, $2.50 per dozen; $12.00 per 100; $100.00 per 1000. Grafted, $3.00 per dozen; $20.00 per 100; $150.00 per 1000.

ROBERT SCOTT & SON,
SHARON HILL, Delaware Co., PA.

Always mention the Florists' Review when writing advertisers.

CARNATIONS

F. Dorner & Sons Co.
LA FAYETTE, IND.

Always mention the Florists' Review when writing advertisers.

The New Carnation, BROOKLYN

A Reincarnation of the Old William Scott, but embodying additional and more important qualities

THE NEW "HELEN" PINK A beautiful Deep Pink after the style of the old William Scott, lighter than Lawson, grand under artificial light. Highly built-up center, petals fringed, habit of growth all that could be desired. Very easy propagator, fastest growth of any Carnation. Flowers 3-in. and larger. **Preliminary scoring, New York Florists' Club, 86 points. "Certificate of Merit" Horticultural Society of New York. TO BE DISSEMINATED 1911-1912.**

ROOTED CUTTINGS, ready now, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate.

Charles Weber
GROWER
Lynbrook, Long Island, **New York**

R. G. WILSON
Fulton Street and Greene Avenue
BROOKLYN, N. Y.

CHAS. H. TOTTY
Madison, N. J.

GRAND RAPIDS, MICH.

The weather in the week preceding Christmas was not cold, but cloudy, with little sunlight to bring the flowers out, and this continued through Christmas day, which was just cold enough to demand careful wrapping, but there was nothing to interfere with prompt, easy delivery.

Business was certainly on the boom with all the stores and greenhouses. Customers found no fault with prices and bought freely, with the result that approximately forty per cent more business was done this year than last, while prices were about the same. The heaviest sales were in plants, while cut flowers at the stores were rather short. Tuesday following Christmas there were six large funerals in town, which cleaned up every vestige of flowers from Christmas.

There were plenty of flowers excepting red roses and carnations, which are always in great demand at Christmas. There were poinsettias in plenty, azaleas, cyclamens, peppers, Jerusalem cherries, Romans in pans, Paper Whites and lilies, and all found ready sale at good, stiff prices, but yet not exorbitant.

As usual, Brown's Seed Store made a specialty of holly and monopolized that end of the trade. One notable fact is the decline in the sale of wreathing. There was less sale for it this year than ever before.

The plant sales were much larger than last year, with a bigger supply.

New Year's is not to be compared with Christmas, but trade was brisk.

Henry Smith has a new auto delivery car and it came in handy this year, with his increased business. G. F. C.

Enid, Okla.—A recent fire destroyed J. R. Detwiler's flower store on West Broadway.

PLANTS AND ROOTED CUTTINGS

Daisies, Giant Marg., white and yellow, 2-in., 2c; 3-in., 3c.
Dracaena Indivisa, 2-in., strong, 1½c.
Asparagus Plum. Nanus, 2-in., 2c; 3-in., 4c.
Heliotropes, blue, R. C., ¾c; 2-in., 1½c.
Primulas, Chinese Fringed mixed, and Obc. Grandif. mixed, fine strains, 2-in., need 3's, 1¾c.
Fuchsias, 5 kinds, R. C., 1c; 3-in., 3c.
Alternanthera, red and yellow, fall rooted, ½c.
Salvias, Bonfire and Splendens, 80c per 100.
Cash. This stock will please you; also the prices.

E. W. BYER, Prop. S. Floral Co., Shippensburg, Pa.

G. DREYER

Tel. 228 Newtown Jackson Ave. **ELMHURST, L. I.**
DECORATIVE PLANTS

Hydrangea Otaksa

For Easter and Decoration Day

6-inch, pot-grown, well branched and set with flower buds.

Otaksa, with 5 and 6 branches, at $20.00 per 100; 4 branches at $15.00 per 100. **Souvenir de Claire,** fine pink, same color as Gloire de Lorraine Begonia, same price; also 7-10 branches latter variety, $25.00 per 100.

Jackson & Perkins Company
Wholesale Florists and Nurserymen
Newark, Wayne Co., New York State

FERNS---ROSES ....BEGONIAS....

Amerpohlii, Barrowsii, Scottii, Elegantissima, Boston, Jacksoni, Piersoni, Sword, Whitmani, 2½-in. pots, $4.00 per 100; 4-in., $15.00 per 100.
Rex Begonias, assorted varieties, 3-in. pot plants, $5.00 per 100; $45.00 per 1000.

Roses our specialty. Ask for quotations.

The Dingee & Conard Co., West Grove, Penna.
Mention The Review when you write.

ORCHIDS

We are now booking orders for the **Spring Importations.** Placing orders now insures to you an early delivery and **best results.**

Send for Catalogue.

G. L. FREEMAN, Wellfleet, Mass.
Mention The Review when you write.

ORCHIDS

Greatest quantity and variety in the country, and for all purposes. We are now booking orders for **freshly** imported stock for next year. Write for prices.

LAGER & HURRELL, Summit, N.J.
Mention The Review when you write.

CHAS. D. BALL
GROWER OF
PALMS, ETC.
Send for Price List
HOLMESBURG, . . PHILADELPHIA, PA.
Mention The Review when you write.

Pot-Grown Ferns

NEPHROLEPIS
Scottii, Whitmani, Bostoniensis, Piersoni
4-inch, 15c each; 5-inch, 25c each; 6-inch, 50c each; 7-inch, 75c each; 8-inch, $1.00 each.
Large plants .....$1.50 to $3.00 each

ASPLENIUM NIDUS AVIS
(Bird's nest fern)
5-inch $0.75

CIBOTIUM SCHIEDEI
7-inch $2.00
9-inch 5.00
10-inch tub 7.50

PALMS
Areca Lutescens, 3-inch, 15c; 4-inch, 25c; 6-inch, $1.00; 9-inch, $5.00; 10-inch tub, $6.00.
Latania Borbonica, 4-inch, 20c; 5-inch, 30c.
Kentia Forsteriana—
4-inch pots.....$25.00 and $35.00 per 100
5-inch pots..... 50.00 and 75.00 per 100
6-inch pots..... 1.00 each
7-inch pots..... 2.50 each. Fine plants.
Kentia Forsteriana—
Combination .....$3.00 to $15.00 each
Kentia Belmoreana—
3-inch pots .....$18.00 per 100
4-inch pots .....$25.00 and 35.00 per 100
5-inch pots ..... 50.00 and 75.00 per 100
Kentia Belmoreana—
Larger plants,.....from $2.50 to $10.00 each
Cocos Weddelliana, 2½-inch pots..$15.00 per 100

FICUS PANDURATA
5-inch $0.75
6-inch 1.50
8-inch 3.00

FICUS ELASTICA
4-inch $0.25
5-inch ..... .35
6-inch .....50c and .75
7-inch .....75c and 1.00

DRACAENA MASSANGEANA
5-inch $1.00
6-inch 1.50
7-inch 2.50
8-inch 3.00

DRACAENA TERMINALIS
4-inch $0.35
5-inch ..... .50

DRACAENA LORD WOLSELEY
4-inch $0.35
5-inch ..... .75

PANDANUS VEITCHII
4-inch $0.50
5-inch ..... .75
6-inch 1.00
7-inch 1.50
8-inch 2.00

PANDANUS UTILIS
2½-inch $0.06

ASPIDISTRAS
Variegated, 5-inch, strong.....$1.25
Green, 6-inch, strong..... 1.00

ARAUCARIAS
Compacta, 5-inch $1.25
Compacta, 6-inch 1.75
Excelsa, 5-inch ..... .50
Excelsa, 6-inch .....75c and 1.00

CHINESE PRIMROSES
4-inch $0.10
5-inch ..... .20

PRIMULA OBCONICA
4-inch $0.10
5-inch ..... .25

ASPARAGUS SPRENGERI
2¼-inch.....$3.00 per 100

ASPARAGUS PLUMOSUS
2¼-inch $0.04
3 -inch ..... .08

JOHN BADER CO.
1826 Rialto St., N. S., PITTSBURGH, PA.

DREER'S FANCY LEAVED CALADIUMS

We are carrying the largest stock of Fancy Leaved Caladiums in the world in an assortment of varieties which, besides the choice standard sorts, includes many new and rare varieties not generally offered.

Bulbs started at any time before the middle of April will make splendid plants in 3½ or 4-inch pots, which will prove useful for porch and window boxes in shaded or semi-shaded positions and which always meet with ready sale, while for the decoration of the Florist's store window during the summer months no more useful subject can be grown.



We offer special selections according to variety as follows:

Choice Standard Varieties, $1.75 per doz.; $12.00 per 100; $100.00 per 1000.

Choice Rare and New Varieties, $2.25 per doz.; $15.00 per 100; $140.00 per 1000.
Choice Mixed Varieties, $1.50 per doz.; $10.00 per 100.
Rare New Varieties, the most recent introductions, $3.50 per doz.; $25.00 per 100.
The above prices are for the trade only.

HENRY A. DREER 714 Chestnut St. **Philadelphia, Pa.**

To the Store Man:

If you are wanting anything in Azaleas, Begonias, Cyclamen, Primroses, Celestial Peppers or anything in blooming plants, write us for our price list. In Ferns we have the largest stock in central west, sizes 2½ inches to 10 inches. We shall be pleased to have your order.

Get Ready for Easter

Order **Imported Hydrangeas,** 6-in., 4 to 8 shoots, $9.00 per doz.; $65.00 per 100; 7-in., 6 to 12 shoots, $12.00 per doz.; $85.00 per 100; 8-in., 8 to 14 shoots, $15.00 per doz.; $100.00 per 100; 9-in., 10 to 20 shoots, $150.00 per 100. **Home Grown** 4-in plants, just started, $3.00 per doz; $22.50 per 100. 6-in. **Baby Ramblers,** $6.00 per doz.; $45.00 per 100. **Baby Rambler, Climbing,** dormant, $6.00 per doz.; $45.00 per 100. **Crimson Ramblers,** dormant, two-year-old, $7.50 per doz.; $55.00 per 100. 4-in. **Pink Dorothy,** $8.00 per doz.; $22.50 per 100. 4-in. **White Baby Ramblers,** $4.00 per doz.; $30.00 per 100.

These prices are good only for a short time. Get your orders in promptly.

GEO. A. KUHL,
Wholesale Grower
PEKIN, ILL.

Ferns, Cyclamen, Hydrangeas

Remember us for Ferns in variety. We have an excellent lot of **Boston Ferns, Plumosus** and the new **Roosevelt.**

We are now ready to ship excellent **Cyclamen Seedlings** in 6 varieties, separately labeled, at $1.50 per 100; $12.50 per 1000. Very good imported strain.

We also solicit your orders for **Hydrangeas** for forcing, at 15c and 25c.

Yours for fairness.

D. U. Augspurger & Sons Co.
PEORIA, ILL.

ANTON SCHULTHEIS, College Point, L. I.
Headquarters for
DECORATIVE and FLOWERING PLANTS



ROOSEVELT.

	2½-in. 100	4-in. 100	5-in. 100	6-in. 100
Boston	$3.50	$12.00	$25.00	$40.00
Whitmani	3.50	12.00	25.00	40.00
Todeaoides	3.50	12.00	25.00	40.00
Scottii			25.00	40.00

Asparagus Plumosus, 2-in., $2.00 per 100; $18.00 per 1000; 2½-in., $3.50 per 100; $30.00 per 1000; 3-in., $5.00 per 100; $45.00 per 1000.

	Per 100
Coleus Christmas Gem	$2.50

Roosevelt Ferns

This fern will undoubtedly take the place of Boston in the near future. It is a faster grower, makes twice the runners and finishes up into a large plant in shorter time. 2½-inch, $2.50 per dozen; $17.50 per 100; $150.00 per 1000.

	Per 100
Violets, Wales	$2.50
German Iris, Florentina Alba, earliest large-flowering Iris	2.50
Iris Pallida Dalmatica, lavender, shaded blue	8.00

Clematis Paniculata, 2-in., $2.50 per 100; $20.00 per 1000; field, 1-year, $4.00 per 100; 2-year, $8.00 per 100.

Phlox Miss Lingard, field clumps, $4.00 per 100; $35.00 per 1000.

THE REESER PLANT CO., Exclusively Wholesale Plantsmen **SPRINGFIELD, OHIO**

ARAUCARIAS, FERNS, PALMS

We have to offer, in prime condition, a large stock of ARAUCARIA EXCELSA, 50c up to $1.25; ROBUSTA COMPACTA, EXCELSA GLAUCA, $1.00 up to $2.00

FERNS.—SCOTTII, WHITMANI, BOSTON, SCHOLZELI and GIATRASII, 5½, 6 and 7-inch sizes, 35c, 40c, 50c, 75c to $1.00

RUBBER PLANTS, 6 and 7-in. pots, 25 to 35 in. high, 35c, 40c, 50c, 75c to $1.00.

20,000 ASPARAGUS PLUMOSUS, 2½, 3 and 4-in., 3c, 5c and 10c; SPRENGERI, 4-in., 10c.

KENTIAS, BELMOREANA AND FORSTERIANA, single, 50c, 75c, $1.00, $1.25, $1.50 to $2.00. KENTIA BELMOREANA, made up, 60c, 75c to $1.00.

LATANIA BORBONICA, 7-in., 30 to 35 in. high, 8 leaves, 75c to $1.00; made up, 6-in., 30 in. high, 50c.

ARECA LUTESCENS, 4-in., made up of 3 plants, 15c, 25c; 5¼ in., 25c.

COCOS WEDDELLIANA, 3-in., 15c; 4-in., 20c.

GODFREY ASCHMANN, Wholesale Florist 1012 W. Ontario Street, **Philadelphia, Pa.**

Mention The Review when you write.

NEW BEDFORD, MASS.

The Market.

Everyone seems well satisfied with the Christmas business. There was a good demand for both plants and cut flowers, although prices on the latter were rather high. Azaleas, poinsettias in pans, begonias, primroses and cyclamens sold well and nearly all were cleaned out. Wreaths, and all kinds of evergreens, including pine, laurel and holly, sold well.

Cut flowers were rather high; red carnations, which were somewhat scarce, selling at $1.50 per dozen, while roses went to $3. Violets and sweet peas were in good demand, while Paper Whites and stevia helped out.

The weather was ideal for delivering, little wrapping being necessary. Taken all in all Christmas, 1911, was as good as the previous year, and in most cases better.

Business last week was good, with but little change in cut flower prices. Funeral work is good.

Various Notes.

R. H. Woodhouse, Wm. P. Peirce, E. H. Chamberlain, Wm. H. Davenport, R. E. Nofftz and E. Y. Peirce had about all they could do, and made some excellent window displays.

Wm. E. Mosher had an especially nice lot of carnations for the holidays.

Peter Murray has a nice assortment of flowering plants.

S. S. Peckham is bringing in some nice snapdragons. W. L.

East Las Vegas, N. M.—Perry Onion & Son say: "Christmas business was fifty per cent better than ever before, partly due to our better location. Poinsettias, of which we had a fine lot, were the best sellers, and Christmas trees, wreaths and greens also sold well. Snow and zero weather made delivery difficult. Up to date we have had the worst winter that we have ever experienced; for two weeks before Christmas the thermometer went below zero every night, and such weather is, of course, decidedly unusual with us."

Asparagus Plumosus, 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Asparagus Sprengeri, 2-in. pots, $2.00 per 100; 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Smilax, 3-in. $4.00 per 100.

Ferns. Boston, Whitmani, Scottii and **Scholzeli,** 4-in. pots, $2.00 per doz.; 5 in., $3.00 per doz.

Dracaena Indivisa, 3-in. pots, $4.00 per 100.

Daisies, white, Paris, Giant, 2½-in. pots, $3.00 per 100.

Clematis Paniculata, strong plants, 2-yr.-old, $10.00 per 100; 1-yr.-old plants, $5.00 per 100.

Hardy English Ivy, 4-in. pots, $10.00 per 100; 3-in. pots, $5.00 per 100.

C. EISELE

11th & Westmoreland Sts., Philadelphia, Pa.

Mention The Review when you write.

Rooted Cuttings

Begonias, flowering kinds, $1.75 per 100.
Verbenas, 70c per 100; $6.00 per 1000.
Pelargoniums, $2.50 per 100.
Ageratums, 60c per 100; $5 00 per 1000.
Daisies and **Salvias,** $1 per 100; $8 per 1000.
Petunias, $1 25 per 100; $10.00 per 1000.
Coleus, 70c per 100; $6.00 per 1000.

All good varieties and named.
Express paid on all rooted cuttings.
Cash with order.

S. D. BRANT, Clay Center, Kan.

Mention The Review when you write.

A PLANT NOVELTY



That everybody will want

Solanum Capsicastrum Melvini

The best introduction in Holiday plants for years. A money-maker. Plant dwarf, bushy, 12 to 15-in. high, covered with brilliant scarlet berries, conical shaped, and carried well above the dark, shining foliage.

Awarded First-class Certificate by Massachusetts Horticultural Society and Gardeners' and Florists' Club of Boston.

Sow seeds in January or February for next Christmas.

10 packets -	$ 1.50
100 packets -	12.50
Single pkt. -	.25

THOMAS J. GREY CO. 32 S. Market St. Boston

Heacock's Palms and Ferns

HOME-GROWN—STRONG AND HEALTHY

While our sales have been much heavier than ever before, we are still strong on the following sizes:

Areca Lutescens

	Plants	Height	Each
7-in. pot	3 in pot	36 in.	$2.00
8-in. pot	3 in pot	42 in.	3.00
9-in. cedar tub	Several in tub.	48 to 54 in.	5.00
9-in. cedar tub	Several in tub.	5 ft.	7.50

Kentia Belmoreana

	Leaves	Height	Each	Doz.
2½-in. pot	4	8 to 10 in.		$ 1.50
3-in. pot	5	12 in.		2.00
5-in. pot	6 to 7	18 in.	$0.50	6.00
6-in. pot	6 to 7	24 in.	1.00	12.00
7-in. cedar tub	6 to 7	34 to 36 in.	2.50	30.00
7-in. cedar tub	6 to 7	36 to 38 in.	3.00	36 00
9-in. cedar tub	6 to 7	40 to 45 in.	4.00	48.00
9 in. cedar tub	6 to 7	42 to 48 in.	5.00	
9-in. cedar tub	6 to 7	48 to 54 in.	6.00	

Cocos Weddelliana

		Per 100
2½-in. pot,	8 to 10 in. high	$10.00

Made-up Kentia Forsteriana

	Height	Each	Doz.
7-in. cedar tub, 4 plants	56 in	$2.50	$30.00
7-in. cedar tub, 4 plants	36 to 40 in.	3.00	36.00
9-in. cedar tub, 4 plants	40 to 42 in.	4.00	48.00
9-in. cedar tub, 4 plants	42 to 48 in.	5.00	60.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
6-in. pot, 18 to 20-in. spread	1.50
7-in. cedar tub, 18 in. high, 24-in. spread	2.00

Cibotium Schiedei

9-in. cedar tub, 4-ft. spread	4.00
9-in. cedar tub, 5-ft. spread	5.00
9-in. cedar tub, 5 to 6-ft. spread	6.00

Joseph Heacock Co., Wyncote, Pa.

Railway Station, JENKINTOWN

Mention The Review when you write

SNAPDRAGONS

Wheeler's Light Pink, early and free; **Wheeler's Deep Pink,** from 1¾-in. pots, $4.00 per 100.

Wheeler's Yellow, from 1¾-in. pots, $3.00 per 100.

JAMES WHEELER, Florist

NATICK, MASS.

Mention The Review when you write.

Julius Roehrs Co.

RUTHERFORD, N. J.

Palms, Plants, Orchids, Etc.

Send for Price List.

Mention The Review when you write.

F. S. SMITH

CUT FLOWERS and PLANTS

330 W. 38th St., Indianapolis, Ind.

Mention The Review when you write

FERNS AND ASPARAGUS

Nephrolepis Whitmani, Scottii and **Bostoniensis,** 6-in. pots, 35c each; 7-in., 75c each.

Asparagus Plumosus, 3-in., $5.00 per 100.

Cash with order.

ASCHMANN BROS.

Second and Bristol Sts., PHILADELPHIA

Mention The Review when you write.

Some Good Stock!

CHINESE PRIMROSES, extra large, 4-in., double and single, in bud and bloom, fancy colors, mixed, $8.00 100.

PRIMULA OBCONICA, 4-in., fancy, mixed, in bud and bloom, $5.00 per 100.

ASPARAGUS SPRENGERI, large 4-in. plants, $6.00 100; good 2½-in., $2.50 100.

SMILAX, fine 2½-in. stock, $2.00 100.

CYCLAMEN, extra fine 3-in. plants, 6 colors, in bud and bloom, $8.00 100.

SNAPDRAGONS, white, pink and yellow; fine 3-in. plants, $5.00 100, $45.00 1000.

CINERARIAS, extra large 3½-in. healthy plants, of fancy kinds, $5.00 100; 2½-in., $3.00 100.

MARGUERITES, white and yellow, large 2½-in. plants, $2.25 100; $20.00 1000.

HELIOTROPES, light blue, dark blue and white; large 2½-in., $2.50 100; $22.50 1000.

75,000 2½-in. **GERANIUMS** now ready. **BEAUTE POITEVINE, RICARD, GRANT, S. A. NUTT, BUCHNER, MONTMORE, PERKINS, MME. ROSELEUR**, etc.; large plants, true to name, $2.50 100; $22.50 1000. A bargain; try them.

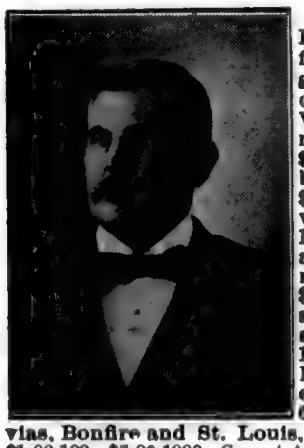
Pure Greenhouse Fertilizer will make your plants and carnations grow and bloom. $2.50 per bag.

ALONZO J. BRYAN

WHOLESALE FLORIST

Washington, New Jersey

Mention The Review when you write.



Express Prepaid on Rooted Cuttings. The finest ever. Satisfaction guaranteed to all parts of the United States. Verbenas, the very best named varieties, 70c 100; $6 00 1000; Fuchsias, the best named varieties, $1.00 100; $9.00 1000; Feverfew, Little Gem, $1.25 100; $10.00 1000; Coleus, all the finest select named varieties, 70c 100; $6.00 1000; Alternantheras, red and yel ow, very strong, 60c 100; $5.00 1000; Ageratum, Little Blue Star, Stella Gurney and Imperial White, 60c 100; $5 00 1000; Salvias, Bonfire and St. Louis, the leading varieties, $1.00 100; $7.00 1000; Sweet Alyssum, our big Double Giant, 80c 100; $6.00 1000; Daisy, White California, $1.00 100; $8.00 1000.

C. HUMFELD, Clay Center, Kan.

Mention The Review when you write.

MILLER'S GIANT OBCONICAS

are the best selling plants on the market when in bloom. Flowers average larger than silver dollars, with long stems, on a well-grown plant. They are a sure money-maker for you. Extra strong, 3-in. stock, $5.00 per 100.

Cyclamen Giganteum, in bud, 4-in., $10.00 per 100; 3-in., $5.00 per 100.

Cinerarias, the largest flowering grown, strong 3-in., $3.50 per 100.

Asparagus Plumosus, large 3-in., $4.00 per 100; 2-in., $2.50 per 100. **Asparagus Sprengeri,** 2-in., $2.00 per 100.

Chinese Primrose, extra fine large flowering, 3-in., $4.00 per 100. **Bewensis Primrose,** sweet-scented, for cut flowers and pot plants, 3-in., $4.00 per 100.

These are all well-grown plants and will please you. Cash, please.

J. W. MILLER, Shiremanstown, Pa.

Cyclamen Cyclamen

Fine, in bud and bloom.
5-inch, 50c; 6-inch, 75c; 7-inch, $1.00

FERNS

Whitmani, Boston, Scholzeli,
5-inch.....25c 6-inch 40c

Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Mention The Review when you write.

HERE YOU ARE
FOR SPECIALS

AGERATUM STELLA GURNEY	2½ inches	$ 2.00 per 100
AGERATUM STELLA GURNEY	3½ inches	3.00 per 100
ASPARAGUS PLUMOSUS	2½ inches	3.00 per 100
ASPARAGUS PLUMOSUS	3½ inches	7.00 per 100
ASPARAGUS SPRENGERI	2½ inches	2.50 per 100
ASPARAGUS SPRENGERI	3½ inches	5.00 per 100
BOSTON FERNS	2½ inches	3.00 per 100
BOSTON FERNS	3½ inches	8.00 per 100
BOSTON FERNS	4 inches	12.00 per 100
BOSTON FERNS	5 inches	18.00 per 100
CYCLAMEN GIGANTEUM	2½ inches	4.00 per 100
CYCLAMEN GIGANTEUM	3½ inches	7.50 per 100
CYCLAMEN GIGANTEUM	4 inches	10.00 per 100
GERANIUMS (assorted)	2½ inches	2.00 per 100
GERANIUMS (assorted)	3½ inches	3.50 per 100
GERANIUMS (assorted)	4 inches	4.50 per 100
GERANIUMS (assorted)	5 inches	7.00 per 100
MUM STOCK OF PRIZE WINNERS		3.00 per 100
ICE OR PICKLE PLANT	2½ inches	2.00 per 100
ICE OR PICKLE PLANT	3½ inches	3.00 per 100
SMILAX	2½ inches	2.00 per 100
SMILAX	3½ inches	3.00 per 100
MT. OF SNOW	2½ inches	2.00 per 100
MT. OF SNOW	3½ inches	3.00 per 100
TEA ROSES AND B. RAMBLERS	2½ inches	3.00 per 100
TEA ROSES AND B. RAMBLERS	3½ inches	5.00 per 100
UMBRELLA PLANTS	3½ inches	6.00 per 100
UMBRELLA PLANTS	4 inches	10.00 per 100

50,000 Carnations (cuttings), all varieties.

100,000 Geraniums, the finest in the land.

We grow your stock especially for you and deliver when wanted. Let us book you.

Our Carnations are of the best varieties and will give cuttings or sand rootings.

We are making a specialty of sixty-three varieties of bedding stock and will quote you prices that will astonish you. Write us your wants. Five per cent discount for January delivery to make room.

The Meredith Flower & Vegetable Co.

Libertyville, Illinois

PRIMULAS, FERNS, Etc.

Ferns for Dishes. Assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.

Asparagus Plumosus. 2¼-in. pots, $3.50 per 100; $30.00 per 1000; 3-in. pots, $6.00 per 100.

Primulas. Obconicas, best large flowering strain, strong, 2½-in. pot plants, $3.00 per 100; $25.00 per 1000.

Crotons. 5-in. pots, 75c-$1.00 each; 6-in. pots, $1.00-$1.25 each.

Araucaria Excelsa. 5-in. pots, 50c to 75c each; 6-in. pots, $1.00 to $1.25 each.

Cash with order. 500 at 1000 rate.

FRANK OECHSLIN, 4911 West Quincy Street, CHICAGO, ILL.

NEW YORK NOTES.

[Concluded from page 24.]

Woodrow & Marketos did a tremendous trade in flowering plants, handling many hundreds of azaleas, the Firefly being the favorite.

The National Florists' Board of Trade reports a highly satisfactory year. Their collection department has grown to double its volume in 1910.

J. Austin Shaw.

The annual banquet of the sales force of Wertheimer Bros. was held Tuesday evening, December 26, at the Cafe Martin, Fifth avenue and Twenty-sixth street. All present voted the event a pronounced success. The menu was varied, comprising all sorts of good things to refresh the inner man, including the cup that cheers. The menu cards were especially witty, each dish being appropriate to the foibles of a certain guest.

Lion & Co. express great satisfaction with last year's ribbon business and pronounce 1911 the most prosperous year in the history of the firm.

The John Young Co., at 52 West Twenty-eighth street, and Bedford Hills, N. Y., has made an assignment to Junius Pendleton Wilson. The company was incorporated in May, 1903, and John Young is president.

BOWLING

AT CHICAGO.

At Chicago the Florists' Bowling League made the following scores December 27:

Violets.	1st	2d	3d	Roses.	1st	2d	3d
Byers	138	143	134	Stack	173	159	137
Schloss'n	157	128	177	Welsh	181	145	110
Van Gelder	133	144	123	Abrahams'n	147	119	92
Prefunt	125	143	163	Winterson	161	143	104
Friedman	184	194	150	Huebner	162	166	184
Totals	737	752	787	Totals	824	732	627
Carnations.	**1st**	**2d**	**3d**	**Orchids.**	**1st**	**2d**	**3d**
Lorman	183	191	154	Huebner	163	149	147
Ayers	172	140	167	Farley	159	215	155
Schultz	163	153	140	Krauss	132	139	125
Balluff	205	186	171	Foerster	183	158	198
A. Zech	178	168	171	J. Zech	151	199	157
Totals	901	838	803	Totals	788	860	782

San Diego, Cal.—H. K. Watanabe is erecting a greenhouse and office at Seventh and E streets.

1912! 1912! 1912!

VERBENAS

OUR SELECTION

Rooted Cuttings..... $0.75 per 100; $6.00 per 1000
Strong Plants, 2¼-inch pots..... 2.50 per 100; 20.00 per 1000

PURCHASER'S SELECTION

Rooted Cuttings..... $0.90 per 100; $8.00 per 1000
Strong Plants, 2¼-inch pots..... 3.00 per 100; 25.00 per 1000

NEW VARIETIES

Lady Ellen, Columbia, Mrs. Taft

Rooted Cuttings..... $1.00 per 100; $9.00 per 1000
Strong Plants, 2¼-inch pots..... $4 00 per 100

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write

Mum Stock Plants

Monrovia, Halliday, Pacific Supreme, Balfour, Ivory, Winter Cheer, Charles Razer, Bonnaffon Nagoya, Pompons, Quinola, Alma, Clarinda, $1.00 per dozen; $5.00 per 100.

COLLINGDALE GREENHOUSES

COLLINGDALE, PENNSYLVANIA

Mention The Review when you write.

Geraniums

We have a splendid assortment of standard varieties and novelties ready for immediate shipment, from 2-inch pots, at prices from $2.00 per 100, $18.50 per 1000, up to 50c each.

If you haven't our catalogue, send for it.

SPECIAL OFFER:

For Cash; we will send 1000, 50 each of 20 varieties, our selection, all good kinds, will include some Ivy-Leaved if desired, for $18.50; 6000 for $105.00.

	2-inch Per 100	3-inch Per 100
Scented Geraniums, Rose, Nutmeg, Lemon, etc.	$2.00	$3.00
Silver-Leaf S. A. Nutt, Mountain of Snow, Mrs. Pollock,	3.00	4.00
Ivy Leaved, Rycroft's Surprise, Mrs. Banks, etc.	2.00	3.00
Lobelia Kathleen Mallard	2.00	
Hardy English Ivy, strong stock		3.00
Double Petunias, mixed colors and white	2.00	3.00
Verbena, red, white, blue, pink and variegated	2.00	3.00
Lemon Verbena (Aloysia Citriodora)	2.00	3.00
Swainsona Alba	2.00	3.00
Tradescantia Zebrina Multicolor	3.00	
Coleus, 10 varieties, Verschaffeltii, Golden Bedder, etc.	2.00	3.00
Salvias, Bonfire, Zurich, propagated from cuttings	2.00	3.00

R. Vincent, Jr., & Sons Co., White Marsh, Md.

Mention The Review when you write.

STOCK ALWAYS NEEDED

Small Ferns for dishes—Pteris Mayii, Serrulata Cristata Variegata, Wimsetti, Cretica Albo-Lineata, $3.00 per 100, $25.00 per 1000.

Aspidium Tsussimense and Cyrtomium Falcatum, $3.50 per 100, $30.00 per 1000.

Asparagus Plumosus, 2½-in., $3.00 per 100, $25.00 per 1000.

Asparagus Sprengeri, 2½-in., $2.50 per 100, $22.00 per 1000.

Pandanus Utilis, 3-in., $10.00 per 100; 4-in., $20.00 per 100.

Cocos Weddelliana, 2½-in., $10.00 per 100.

Kentia Belmoreana and Forsteriana—Made-up and single plants, all sizes. Special value in made-up Forsteriana, 4 plants in 8-in. tubs, 40 to 44 in. high, $4.00 each; 8-in. tubs, 44 to 48 in. high, $5.00 each (very bushy).

Forcing Spiraea Clumps, extra quality. No better proposition for Easter or Memorial day.

Floribunda, $5.00 per 100; $45.00 per 1000.
Gladstone, $10.00 per 100; $90.00 per 1000.
Superba, $6.00 per 100.
Queen Alexandra, $12.00 per 100.
Blondine, $6.00 per 100.
Japonica, $4.00 per 100.

Genista Racemosa—6-in. pot plants, $25.00 per 100; very heavy 4-in. pot plants, at $15.00 per 100.

Hydrangea Otaksa—Fine pot grown plants, 5-in. pots, 2 to 3 flower shoots, $20.00 per 100.

BEDDING STOCK.

You will want to start soon.

Heliotropes. Czar, Czarina, Jersey Beauty, etc., $2.50 per 100; Centifleur (giant), $3.50 per 100.

Lantanas, 8 fine varieties, $3.00 per 100.

Coleus—Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.

Moonflower—Buy now to propagate from, $3.00 per 100.

Geraniums—Standard market sorts, established plants, $3.00 per 100, $25.00 per 1000.

Flowering Begonias, good assortment, $3.00 per 100.

Croton Aurea Maculata—3-in. pot plants, $8.00 per 100.

English Ivy—Strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.

Violet—Hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000.

THE STORRS & HARRISON CO.,

Painesville, Ohio.

Mention The Review when you write.

"Craig Quality Stock"

SEND FOR CATALOGUE

ROBERT CRAIG CO.

4900 Market Street

PHILADELPHIA

Always mention the Florists' Review when writing advertisers.

DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

DAVID HERBERT & SON

ATCO, N. J.

Always mention the Florists' Review when writing advertisers.

REPLENISH YOUR STOCK

Look over this list and you'll probably find many items that your Christmas trade has completely cleaned out, but which you need for the regular winter demand. Our stock is in fine shape and ready for immediate shipment.

LET'S HAVE YOUR ORDER TODAY

WINTER FAVORITES

BOXWOODS.

For filling window boxes and flower beds.

Boxwood bushes, 8 in. high, each	$ 0.25
Boxwood bushes, 12 in. high, each	.35
Boxwood bushes, 18 in. high, each	.50
Boxwood bushes, 24 in. high, each	1.00
Globe Boxwoods, 18 in. diameter, each	2.50
Obelisk Boxwoods, 5 ft. high, in beautiful Mission boxes, each	10.00

EASTER FORCING STOCK

AZALEAS.

Empress of India.....75c $1.00 $1.25 each
Mme. Van der Cruyssen.....75c 1.00 1.25 each

JAPAN MAPLE .....$1.00 each
KALMIA LATIFOLIA ..... 1.00 each
LILAC MARIE LE GRAYE..... 1.00 each

RHODODENDRONS.

Named varieties .....75c $1.00 $1.25 each

SPIRAEA.

Gladstone .....$3.00 per doz.
Queen Alexandra..... 4.00 per doz.



WINTER FAVORITES

ARAUCARIAS.

We have a fine large stock of Araucaria Excelsa, the popular winter plant, in the following sizes:

Pots.	Each.	Doz.
6-in., 4 to 5 tiers	$1.00	$12.00
7-in., 4 to 5 tiers	1.50	18.00

BULBS

CANNAS.

Chicago .....$2.50 per 100; $20.00 per 1000
Egandale ..... 2.50 per 100; 20.00 per 1000
Chas. Henderson.. 2.50 per 100; 20.00 per 1000

DAHLIAS.

A. D. Livoni, shell pink. J. Cowan, single.
Sylvia, light pink. J. Downie, single.
Thatcher, double yellow. Fashion, single.
Ami Barrilet, single.
$2.50 per 100; $20.00 per 1000.

GLADIOLI.

America .....2nd size, $25.00 per 1000
Augusta, 1st size, $20.00; 2nd size, $15.00 per 1000
Mrs. Francis King, 2nd size, $12.00; 3rd size, $8.00; 4th size, $6.00 per 1000.

ISMENE CALATHINA.

1st size, 6c; 2nd size, 4c; 3rd size, 2c each.

Palms, Ferns, Stove and Bedding Plants

ACHYRANTHES, ROOTED CUTTINGS.

Metallica, Panache de Bailey, Lindenii, Warscewiczii .....$6.00 per 1000

ACHYRANTHES, 2-IN. POTS.

Metallica .....$2.00 per 100
Panache de Bailey..... 2.50 per 100
Lindenii ..... 2.00 per 100
Warscewiczii ..... 2.00 per 100

AGERATUMS.

Stella Gurney, 2-in.....$2.00 per 100
Princess Pauline, 2-in..... 2.00 per 100

ALTERNANTHERAS, ROOTED CUTTINGS.

Red and yellow.....$6.00 per 1000

ARECA LUTESCENS.

Pots.			
3-in., 3 in pot	doz.,	$2.00;	100, $15.00
4-in., 3 in pot	doz.,	3.00;	100, 25.00
7-in., 4 to 5 in pot, 36-in. high	each,		3.00
8-in., 5 to 6 in pot, 60 to 64-in. high	each,		5.00

ASPIDISTRAS.

Green .....per leaf $0.08
Variegated .....per leaf .15

ASPARAGUS BASKETS.

$1.00, $1.50 and $2.00 each.

ASPARAGUS PLUMOSUS.

Pots.	Doz.	100
2-in.	$0.40	$ 3.00
3-in.	.75	6.00
4-in.	1.50	12.00
6-in.	4.00	30.00

ASPARAGUS SCANDENS DEFLEXUS.

4-in. .....doz., $1.50

BOSTON FERNS.

Pots.	Each.	Doz.	100	1000
2-in.	$ 0.50	$ 3.00	$25.00	
3-in.	1.00	8.00	.....	
4-in.	1.50	12.00	.....	
5-in.	3.00	20.00	.....	
6-in.	6.00	45.00	.....	
7-in.	$0.75	9.00	.....	.....
8-in.	1.00	12.00	.....	.....
9-in.	1.50	18.00	.....	.....

Each.			Each
10-in. $2.50	12-in.	$3.50 to	$5.00

BOSTON FERN BASKETS.

$1.00, $1.50 and $2.00 each.

ASSORTED FERNS FOR DISHES.

2-in., 40c per doz.; $3.00 per 100; $25.00 per 1000.

CIBOTIUM SCHIEDEI.

7-in. .....each, $2.50; doz., $30.00
8-in. .....each, 3.00; doz., 36.00

COCOS WEDDELLIANA.

2-in. .....doz., $1.75; 100, $14.00
3-in. .....doz., 2.50; 100, 20.00

COLEUS, ROOTED CUTTINGS.

Pfister, red and yellow; Beckwith's Gem, Golden Bedder, Verschaffeltii....$6.00 per 1000

COLEUS, 2-IN. POTS.

Pfister, red and yellow; Beckwith's Gem, Golden Bedder, Verschaffeltii....$2.00 per 100

CYPERUS ALTERNIFOLIUS.

3-in. .....$0.75 doz.; $ 5.00 100
4-in. ..... 1.50 doz.; 10.00 100

DAISIES.

Marguerites, Yellow.

Rooted cuttings.....$6.00 per 1000
2-in. .....$2.00 per 100

DRACAENA INDIVISA.

2-in. .....per 100, $3.00; per 1000, $25.00
7-in. .....each, $1.25; doz., 15.00

DRACAENA MASSANGEANA.

6-in. .....each, $1.25
7-in. .....each, 1.50

DRACAENA TERMINALIS.

4-in., strong.....each, 35c; doz., $4.00

FICUS ELASTICA.

6-in. .....each, 50c; doz., $6.00

FICUS REPENS (vine).

2½ in. .....each, $0.50

KENTIA BELMOREANA.

Pots.	Height.	Leaves.	Each.	Doz.	100
2-in.	8-in.	4	.....	$ 1.50	$12.00
3-in.	8 to 10-in.	4 to 5	.....	2.00	15.00
4-in.	12-in.	4	.....	3.60	30.00
4-in.	12 to 15-in.	4 to 5	.....	4.50	35.00
5-in.	15 to 18-in.	5 to 6	.....	6.00	50.00
5-in.	18 to 20-in.	5 to 6	$ 0.75	9.00	.....
6-in.	20 to 22-in.	6 to 7	1.00	12.00	.....
6-in.	22 to 24-in.	6 to 7	1.50	18.00	.....
7-in.	28 to 30-in.	6 to 7	2.50	30.00	.....
7-in.	36 to 40-in.	6 to 7	4.50	.....	.....
8-in.	40 to 45-in.	7 to 8	5.50	.....	.....
9-in.	48 to 50-in.	7 to 8	8.00	.....	.....
9-in.	50 to 54-in.	7 to 8	10.00	.....	.....

KENTIA FORSTERIANA.

Pots.	Height.	Leaves.	Each.	Doz.	100
2-in.	8 to 10-in.	4	.....	$ 1.50	$12.00
3-in.	12 to 14-in.	4 to 5	.....	2.00	15.00
4-in.	14 to 16-in.	4 to 5	.....	4.50	35.00
5-in.	20 to 24-in.	5 to 6	$ 0.75	9.00	.....
6-in.	24 to 30-in.	5 to 6	1.00	12.00	.....
6-in.	30 to 36-in.	5 to 6	1.50	.....	.....
7-in.	36 to 38-in.	5 to 6	2.50	.....	.....
7-in.	38 to 40-in.	5 to 6	3.50	.....	.....
8-in.	40 to 42-in.	5 to 6	4.50	.....	.....
9-in.	46 to 50-in.	6 to 7	7.00	.....	.....

Made-up Plants.

Pots.	Height.	Plants in pot.	Each.
7-in.	24 to 30-in.	3 to 4	$ 2.50
9-in.	50 to 54-in.	3 to 5	5.00
10-in.	58 to 60-in.	4 to 5	10.00
12-in.	62 to 70-in.	4 to 5	15.00

ENGLISH IVY.

3-in. .....doz., $ 0.75
4-in. .....doz., $2.50; 100, 20.00

GERMAN IVY.

2-in. .....$2.00 per 100

GNAPHALIUM LANATUM.

2-in. .....$2.00 per 100

HELIOTROPES.

2-in. .....$2.00 per 100
3-in. ..... 4.00 per 100

LANTANA DELICATISSIMA.

2-in. .....$2.00 per 100

LATANIA BORBONICA.

2-in., 1 to 2 leaves.....100, $3.00; 1000, $25.00
4-in. .....doz., 3.00; 100, 20.00
5-in. .....doz., 5.00; 100, 40.00
6-in. .....doz., 6.00

LOBELIA KATHLEEN MALLARD.

Rooted cuttings.....$6.00 per 1000
2-in. .....$3.00 per 100; $25.00 per 1000

PANDANUS UTILIS.

3-in. .....per doz., $1.50

PANDANUS VEITCHII.

4-in. .....each, $0.50; per doz., $ 5.50
5-in. .....each, .75; per doz., 9.00
6-in. .....each, 1.00; per doz., 12.00

PHOENIX CANARIENSIS.

7 in. 36 to 40-in. high.....each, $ 2.50
8-in. 46 to 50-in. high.....each, 4.00
10-in. 50 to 54-in. high.....each, 8.00
10-in. 60 to 64-in. high.....each, 10.00

PHOENIX RECLINATA.

4-in. .....each, $0.25; doz., $3.00; 100, $20.00
5-in. .....each, .50; doz., 5.00; 100, 40.00
6-in. .....each, .75; doz., 9.00

PHOENIX ROEBELENII.

Pots.	Each.	Doz.	100
2½ in.	$ 2.00	$15.00	
3-in.	3.00	22.50	
5-in.	9.00	70.00	
6-in.	12.00	.....	
6-in., strong	$2.00	18.00	.....
7-in.	2.50	.....	.....

SALVIAS.

Rooted Cuttings.

Bonfire, Zurich.....$6.00 per 1000

2-In. Pots.

Bonfire, Zurich.....$2.00 per 100

TRADESCANTIA VARIEGATA.

(Wandering Jew.)

2-in. .....doz., 40c; per 100, $3.00

VINCAS.

4-in. .....per doz., $2.00; per 100, $15.00

THE EDGEBROOK GREENHOUSES AND NURSERIES

OF THE GEO. WITTBOLD CO., EDGEBROOK, CHICAGO, ILL.

Classified Ad Department



Rate for advertising in this department 10 cents a line net, per insertion.

ACHYRANTHES.

Achyranthes Lindenii and Emersonii. Rooted cuttings, $1.00 per 100; 2½-in., 2½c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

500 2-in. achyranthes, $2.00.
Mercer Floral Co., Bowling Green, O.

ADIANTUMS.

Adiantum Farleyense, strong plants, 4-in., $4.00 per doz. Cash, please.
Rober & Radke, Maywood, Ill.

AGERATUMS.

Ageratum Inimitable, the largest flowering, dwarfest and best of all. Rooted cuttings, $1.00 per 100; $8.00 per 1000. Cash with order. See my cyclamen, Godfrey calla and rooted coleus advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

Ageratum Little Blue Star, rooted cuttings, 50c 100, $4.00 1000; 2-in., in bloom, 2c. Cash. Mail, 10c per 100.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Ageratum Stella Gurney, blue; R. C., 75c per 100. John Irvine & Sons, Bay City, Mich.

Ageratum Stella Gurney R. C., 50c 100; $4.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

ALTERNANTHERAS.

ALTERNANTHERA JEWEL.
Stock plants, 2½-in., $20.00 per 1000; rooted cuttings, $10.00 per 1000. This is by far the finest alternanthera in sight, and you should stock up now for spring sales.
Chas. H. Totty, Madison, N. J.

Alternanthera rooted cuttings, red, yellow, Brilliantissima, 50c per 100; $4.00 per 1000. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Alternantheras, red, green and yellow. Strong R. C., 50c 100; $4.00 1000; 2¼-in., 2c. Ready now.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Alternantheras, yellow. Rooted cuttings, $5.00 per 1000. Cash.
West Side Greenhouses, Barberton, O.

Alternantheras, red and yellow. Rooted cuttings, 50c per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Alternantheras, red, green and yellow. Rooted cuttings, 50c 100; $4.00 1000. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

Alternantheras, red and yellow; R. C., 70c per 100. John Irvine & Sons, Bay City, Mich.

ALYSSUM.

Alyssum, double giant, 2¼-in., 2c. Rooted cuttings, 50c per 100, $4.00 per 1000; if by mail 10c per 100 extra. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Alyssum, double giant; R. C., 75c per 100.
John Irvine & Sons, Bay City, Mich.

AMPELOPSIS.

AMPELOPSIS VEITCHII.
Boston Ivy.
Extra strong 3-yr. transplanted, heavy 2½ to 4 ft. tops and roots, $2.00 per doz., $12.00 per 100. 2-yr. transplanted, 18 to 24-in. tops, well rooted, $1.00 per doz., $5.00 per 100. Strong 1-yr., 18 to 24-in. tops, $1.50 per 25; $2.00 per 50, by mail; $3.00 per 100, $25.00 per 1,000 by express. Chas. Black, Hightstown, N. J.

Ampelopsis Veitchii, transplanted and extra fine, 2½ to 4 ft. tops, $1.50 per doz.; $9.00 per 100. Southside Nurseries, Chester, Va.

AQUATICS.

Water plants of all descriptions. Cabomba (fish grass), $15.00 per 100 lbs.; less than 10 lbs., 25c per lb.
B. M. Wickers & Co., Gretna, La.

ARAUCARIAS.

Araucaria excelsa, 5-in. pots, 50c to 75c each; 6-in. pots, $1.00 to $1.25 each. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

Araucarias, 5-in., $6.00 per doz.; $45.00 per 100. Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS.

Asparagus plumosus from 3-inch pots, express prepaid, $4.50 per 100; extra large plants from the field, good for 8 to 10-inch pots, $22.50 per 100. Cash with order.
Diamond Hill Nursery,
763 S. Boyle Ave., Los Angeles, Calif.

Asparagus Hatcheri, from 2½-in. pots, ready for 3½-in., the asparagus fern that's talked about, $10.00 per 100. Cash.
Ehmann's, Corfu, N. Y.

Large Asparagus Sprengeri, ready for 4-in. pots, $2.00 per 100.
Chas. A. Patrick, Pickerington, O.

Asparagus plumosus, big, strong plants, 2½-in., $4.00 per 100, $35.00 per 1000; 3-in., $6.00 per 100, $50.00 per 1000. A. Sprengeri, 2½-in., $4.00 per 100; $35.00 per 1000.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Asparagus plumosus to close out, 3-in., ready for 4 and 5-in., $5.50 per 100; $50.00 per 1000. Asparagus Sprengeri, 3-in., ready for 5-in., $5.00 per 100; $45.00 per 1000.
Swan Peterson Floral Co., Gibson City, Ill.

Asparagus plumosus, heavy, 2¼-in., $3.00 per 100; heavy 3-in., $6.00 per 100. A. Sprengeri, 2¼-in., $2.00 per 100; 3-in., $5.00 per 100. All good stock.
P. Pearson, 5734 Gunnison St., Chicago.

NICE PLUMOSUS.
2-in., $2.50; 3-in., $5.00; 4-in., $12.00.
SPRENGERI.
2½-in., $2.50; 3-in., $5.00.
Gullett & Sons, Lincoln, Ill.

Asparagus plumosus nanus, from 2¼-in. pots, $2.50 per 100, $22.50 per 1000; 3-in. pots, $5.00 per 100, $45.00 per 1000. Cash with order, please.
FLORAL HILL GARDENS,
G. F. Nelpp, Prop. Chatham, N. J.

10,000 Asparagus plumosus, extra strong 2½-in., $2.50 per 100; $22.00 per 1000. 6000 A. Sprengeri, strong, bushy, $2.00 per 100; $18.00 per 1000. Cash.
Daut Bros., 825 N. Water St., Decatur, Ill.

Asparagus plumosus, extra strong, from 2-in. pots, $2.50 per 100, $22.00 per 1000; 2½-in., $3.00 per 100, $26.00 per 1000. A. Sprengeri, 2½-in., $3.00 per 100.
Wettlin Floral Co., Hornell, N. Y

Asparagus plumosus, strong 3-in., ready for shift to 4-in., $4.50 per 100. These are excellent plants, but we must have room. Cash, please.
Besser Floral Co., 232 N. Colorado Ave., Kansas City, Mo.

Asparagus Sprengeri, strong plants ready for shift at once, 2¼-in., $2.00 per 100, $17.00 per 1000; 3-in., $3.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Asparagus plumosus seedlings from greenhouse grown seed. $10.00 per 1000; 2¼-in., $3.00 per 100, $25.00 per 1000.
R. J. Irwin, 3097 Broadway, New York, N. Y.

6000 Asparagus plumosus, 2¼-in., $3.00 per 100; $25.00 per 1000. 5000 Asparagus Sprengeri, 2½-in., $2.50 per 100; $22.50 per 1000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Asparagus plumosus, 2¼-in. pots, $3.50 per 100, $30.00 per 1000; 3-in. pots, $6.00 per 100. Cash with order. 500 at 1000 rate.
Frank Oechslin, 4911 W. Quincy St., Chicago.

ASPARAGUS PLUMOSUS NANUS.
CUT STRINGS, 8 FT. LONG,
50c EACH.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, extra strong seedlings, $1.50 100. Asparagus Sprengeri, extra strong seedlings, $1.50 100. Cash, please.
Rober & Radke, Maywood, Ill.

Asparagus plumosus, 2½-in., $3.00 per 100; $25.00 per 1000. Asparagus Sprengeri, 2½-in., $2.50 per 100; $22.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Asparagus plumosus, extra strong 2-in., should be in 3-in., 2½c. Sprengeri, 2-in., 2c.
J. L. Schiller, Toledo, Ohio.

Asparagus Sprengeri, 3-in., strong, ready for shift, $3.50 per 100. Cash, please.
W. H. Troyer, Elkhart, Ind.

Asparagus plumosus, 2½-in. pots, $3.00 per 100. Cash, please.
L. Rush, 135 34th St., Detroit, Mich.

Asparagus Sprengeri, 2¼-in., extra strong, $2.00 per 100; 3-in., $5.00 per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Asparagus plumosus, 3-in., 6c. A. Sprengeri, 3-in., 4c; 4-in., 6c; 5-in., 12c.
Schneider, Florist, Springfield, Ohio.

Asparagus plumosus, strong plants, 2½-in., $3.00 per 100; $25.00 per 1000. Cash.
W. B. Girvin, Leola, Pa.

Asparagus plumosus nanus, 2-in., 2c. Asparagus Sprengeri, 2-in., 2c; 3-in., 3c.
U. G. Harglerode, Shippensburg, Pa.

200 surplus 4-in. Asparagus plumosus, extra fine plants, equal to 5 or 6-in., $12.00 per 100.
Chas. L. Smith, Penn Grove, N. J.

Asparagus Sprengeri, 2-in., strong, $2.00 100. A. plumosus, 3-in., $4.00 100.
J. W. Ross Co., Centralia, Ill.

Asparagus Sprengeri. Good, strong plants from 3-in. pots, $3.00 per 100 plants.
B. H. Haverland, Mt. Healthy, O.

Asparagus Sprengeri, 3-in., $3.00 per 100; 200 for $5.00.
Whitton & Sons, City & Green, Utica, N. Y.

Asparagus plumosus nanus, fine large plants, ready for 5-in. or bench, 10c each.
Stuhldreher Bros., Mansfield, Ohio.

Asparagus Sprengeri, extra strong 2½-in., ready for benching, $3.00 per 100; $27.50 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Asparagus plumosus, 3-in., 5c. Sprengeri, 2¼-in., strong, 2c.
Hammerschmidt & Clark, Medina, Ohio.

Asparagus Sprengeri, extra strong 2-in. stock, $2.00 per 100, to close out to make room.
Addems, Morgan & Co., Paxton, Ill.

Asparagus Sprengeri, 2¼-in. pots, $2.00 100; 4-in., $8.00 100; 5-in., $15.00 100.
Willis W. Kinyon, South Bend, Ind.

Asparagus plumosus, $2.00 per 100; $17.50 per 1000. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus, fine. See display adv.
J. W. Miller, Shiremanstown, Pa.

Asparagus plumosus nanus, 4-in., $8.00 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

Asparagus plumosus, good stock, $25.00 per 1000. Albert M. Herr, Lancaster, Pa.

BAY TREES.

Bay trees (standards), fine assortment, sizes 12 to 48 in. crowns. Price, $2.50 to $25.00 each. Let us know your wants.
Wagner Park Conservatories, Sidney, Ohio.

Bay trees and box trees, all sizes.
Write for special list.
Julius Roehrs Co., Rutherford, N. J.

Bay trees. Fine selection. Write for prices.
Holton & Hunkel Co., Milwaukee, Wis.

BEGONIAS.

Blooming begonias in assortment, $2.50 per 100. Rex begonias in assortment, $4.00 per 100; 2½-in., large, $6.00 per 100; 4-in., fine plants, $2.50 per doz. Some fine stock of my new special Rex begonias, Emerald Queen and Bronze King, 2-in., $6.00 per 100; 2½-in., $8.00; 4-in., fine plants, 35c each, $4.00 per doz.
N. O. Caswell, Delavan, Ill.

Begonia Lorraine, exceptionally well developed plants, ready for immediate retail sales, 6-in., 60c each; 7-in., 75c each.
Baur Floral Co., Erie, Pa.

Begonias, luminosa, Erfordii, Vernon, transplanted seedlings, $1.25 100. Erfordii, 2½-in., $2.50 100. Cash, please.
Rober & Radke, Maywood, Ill.

Begonia luminosa and rosea, nice 2-in. stock, in fine growing condition, $2.00 per 100; $18.00 per 1000. Ready now.
R. B. Kilbury, R. R. 1, Dayton, O.

Begonias, assorted 3-in., $4.00 100. Fern leaf or Washingtoniensis, R. C., $1.00 100; $8.00 1000. J. W. Ross Co., Centralia, Ill.

Rex Begonias, strong 2-in., fine varieties, 4c; $35.00 per 1000.
Williams & Clark Floral Co., Muncie, Ind.

REX BEGONIAS my specialty. Largest collection, $5.00 per 100.
B. C. BLAKE, Springfield, O.

Feastii begonia, 2-in., $1.50 per 100; 3-in., $2.00 per 100. Cash.
Loyd C. Bunch, Fredonia, Kan.

Feastii Bunchii begonias, 4-in., $10.00 per 100. Cash. Loyd C. Bunch, Fredonia, Kan.

Flowering begonias, good assortment, $3.00 per 100. Storrs & Harrison Co., Painesville, O.

Rex begonias in variety, 2¼-in., 75c per doz.; $5.00 per 100. G. E. Fink, Kenilworth, N. J.

BERRIED PLANTS.

Jerusalem cherries, 200 bushy, well berried plants, to close out, $6.00 per 100; the lot, $10.00. H. B. Snow, Camden, New York.

Xmas peppers, 2¼-in., $2.00 100, $18.00 1000; 3-in., well branched, $4.00 per 100. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Christmas peppers, 4-in., $10.00 per 100. Cash. Marion Floral Co., Marion, Ind.

BOUVARDIAS.

Bouvardia stock plants, single; red, white and pink, $20.00 per 100.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Bouvardia stock plants. B. Humboldtii and rosea grandiflora, $3.00 per doz.; $20.00 per 100 Cash with order. Blondeel, Oak Park, Ill

BULBS.

SINGLE HYACINTHS. Mammoth bulbs for forcing, all colors, named, $4.50 per 100.
SINGLE TULIPS. Artus, 75c per 100; Cottage Maid, 80c per 100; La Reine, 60c per 100; Keizerskroon, mammoth, $1.20 per 100; Yellow Prince, 85c per 100; Gesneriana, 95c per 100.
NARCISSUS. Golden Spur, double nosed, $1.75 per 100.
Sluis Seed Store, 544 W. 63rd St., Chicago.

Bulbs. Amaryllis Belladonna, 3 in. diameter, $6.00; 4 in. diameter, $9.00. Cannas, mixed, red, crimson and yellow, $2.00 per 100.
Pioneer Nursery, Dept. F., Monrovia, Calif.

Bulbs of all descriptions. Write for catalogue and prices.
C. Keur & Sons, Hillegom, Holland,
New York Branch, 25 W. Broadway.

CACTI.

Old Man cactus, 4- 5-in., $3.00 doz. postpaid. J. A. McDowell, Ap. 167, Mexico City, Mex.

CALLAS.

Some fine stock of Godfrey callas from stock of the first distributor; the one to grow for paying results. 2½-in. plants, will soon make blooming plants, at $5.00 per 100, $45.00 per 1000. Also a lot of started plants in flats, for prices of which write. N. O. Caswell, Delavan, Ill.

Godfrey callas bring 3 flowers to 1 of the common, and bloom from 3-in. pots; 3-in., $6.00 per 100. Cash with order. See my cyclamen, ageratum and coleus advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

Dwarf calla, Little Godfrey, gives three times the number of flowers in the same space than old ones; they bloom in 3-in. pots. Plants in 2-in. pots, $4.00 per 100. Cash. Try a few.
John F. Sabransky, Kenton, O.

Godfrey callas. We have the following sizes left: 75 in 2½-in. pots, 24 in 3-in. pots, 26 in 3½-in. pots, 125 plants; $5.50 cash takes the lot.
The Newburys, Mitchell, S. D.

Godfrey callas. Have 200 more than we need, good stock from 4-in. Will sell the lot for $10.00, cash.
H. D. Schilling, 1840 Shelby, Indianapolis, Ind.

Callas, good flowering strain; strong from flats, $1.00 per 100. Bell Floral Co., Franklin, Pa.

CANNAS.

Cannas. Crimson Bedder, Paul Marquant, Burbank, Duke of Marlborough, Pfitzer's Meteor, A. Bouvier, $1.25 per 100; $11.50 per 1000. Pennsylvania, Alsace, Beaute Poitevine, Souv. d'A. Crozy, Chas. Henderson, $1.50 per 100; $14.00 per 1000. Order now for present or future shipment. Ford Seed Co., Dept. 76, Ravenna, O.

We have an immense stock of a fine crop of canna roots at $7.00 per 1000 and up. Get our list before ordering. The largest canna grower in the world.
Imperial Seed & Plant Co., Grange, Balto., Md.

THE IMPROVED CANNA.
64 varieties, including Mrs. A. F. Conard and the finest new ones. Send for price list.
Conard & Jones Co., West Grove, Pa.

Cannas, King Humbert, Marlborough and Chas. Henderson. Prices on application.
Geo. Just, Jacksonville, Fla.

Canna C. Henderson. Dry bulbs, 1 to 3 eyes, $2.00 per 100. Cash.
Jos H. Cunningham, Delaware, O.

CARNATIONS.

CARNATION ROOTED CUTTINGS.
Immediate Delivery.

	100	1000
Gloriosa	$6.00	$50.00
Norwood	6.00	50.00
Dorothy Gordon	4.00	35.00
White Perfection	3.50	30.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
Beacon	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Winsor	2.50	20.00

Thompson Carnation Co., Joliet, Ill.

	100	1000
White Wonder	$6.00	$50.00
Mrs. C. W. Ward	3.50	30.00
Enchantress, May Day	3.00	25.00
W. Perfection, W. Enchantress	3.00	25.00

Ready Jan. 15, 10% discount for cash.
W. Frank & Sons, Portland, Ind.

ROOTED CARNATION CUTTINGS.

	Per 100	Per 1000
Wodenethe	$12.00	$100.00
Afterglow	3.00	25.00
Beacon	4.00	30.00
Bonfire	6.00	50.00
Enchantress	3.00	25.00
Gloriosa	6.00	50.00
Pink Delight	5.00	40.00
Princess Charming	6.00	50.00
Rosette	12.00	100.00
Rose-pink Enchantress	3.00	25.00
Mrs. Ward	4.00	30.00
Washington	6.00	50.00
White Enchantress	4.00	30.00
White Perfection	3.00	25.00
White Wonder	6.00	50.00
Winsor	3.00	25.00
St. Nicholas	12.00	100.00
Comfort	6.00	50.00
Brooklyn	12.00	100.00
Dorothy Gordon	4.00	35.00
Pennsylvania	3.50	30.00

S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

CARNATION ROOTED CUTTINGS.
If you have cool house in which to keep them you can make your carnations pay you ⅓ more by getting your stock early. The following are the best paying varieties for the grower on the market today. Our stock is strictly first-class in every respect. Instructions to care for plants with every order.

	100	1000
Light Pink Enchantress	$3.00	$25.00
Dark Pink Enchantress	3.00	25.00
Pure White Enchantress	3.00	25.00
Dorothy Gordon, pink	3.00	25.00
Mrs. C. W. Ward, pink	3.00	25.00
White Wonder	6.00	50.00

250 at 1000 rate. Cash or reference.
Smith & Gannett, Geneva, N. Y.

CARNATION CUTTINGS.
Clean, healthy and well rooted stock.

	Per 100	Per 1000
White Wonder	$6.00	$50.00
Washington	6.00	50.00
Gloriosa	6.00	50.00
Dorothy Gordon	4.00	35.00
Pink Delight	5.00	40.00
Beacon	4.00	30.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00

Cash with order. Satisfaction guaranteed.
MIAMI FLORAL CO.,
Geo. Bartholomew, Mgr.
24 N. Main St., Dayton, O.

CARNATION ROOTED CUTTINGS.
Strong, clean, healthy stock.

Enchantress	$25.00 per 1000
Rose-pink Enchantress	25.00 per 1000
White Enchantress	25.00 per 1000
Dorothy Gordon	25.00 per 1000
Scarlet Glow	25.00 per 1000
O. P. Bassett	25.00 per 1000
Beacon	25.00 per 1000
White Wonder	50.00 per 1000
Washington	50.00 per 1000
Bright Spot	50.00 per 1000

A. JABLONSKY,
Olivette. St. Louis County, Mo.

Rooted cuttings of carnations for immediate and future delivery, guaranteed to give satisfaction.

White Enchantress	$3.00 100;	$25.00 1000
Enchantress	3.00 100;	25.00 1000
Beacon	3.00 100;	25.00 1000
Victory	3.00 100;	25.00 1000
Mrs. C. W. Ward	3.00 100;	25.00 1000
Dorothy Gordon	3.00 100;	25.00 1000
Rose-pink Enchantress	3.00 100;	25.00 1000

Chas. Knopf Floral Co., Richmond, Ind.

ROOTED CARNATION CUTTINGS.

	100	1000
Enchantress	$3.00	$25.00
Rose-pink Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Beacon	3.00	25.00
May Day	3.00	25.00
Winsor	2.50	20.00
White Perfection	3.00	25.00

Cool grown, strong, well rooted cuttings.
Warrick Bros., 498 Locust Ave., Washington, Pa.

CARNATIONS.
ROOTED CUTTINGS.
IMMEDIATE DELIVERIES.
Wodenethe, the greatest white, and Brooklyn, an absolutely reliable cerise pink, $12.00 per 100; $100.00 per 1000.
Princess Charming, White House, White Wonder and Gloriosa, $6.00 per 100; $50.00 per 1000.
Winsor, Harlowarden, Sangamo, Mrs. Patten and White Perfection, $3.00 per 100; $25.00 per 1000. Chas. H. Totty, Madison, N. J.

CARNATION ROOTED CUTTINGS.

	100	1000
White Wonder	$6.00	$50.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
Beacon, Victory	3.00	25.00
May Day, Enchantress	3.00	25.00
Princess Charming	6.00	50.00
R. P. Enchantress, Harlowarden	3.00	25.00

Clean, healthy and well rooted. Cash, please.
Riverside Floral Co., Muncie, Ind.

ROOTED CARNATION CUTTINGS.

	100	1000
White Enchantress	$3.00	$25.00
White Perfection	3.00	25.00
Beacon	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Enchantress	2.50	20.00

Cash with order.
J. Blechschmid, 4300 E. 122nd St., Cleveland, O.

ROOTED
CARNATION CUTTINGS.
MRS. C. W. WARD.
ALMA WARD.
$3.50 per 100.
$30.00 per 1000.
READY FOR DELIVERY NOW.
Also all standard varieties.
THE LEO NIESSEN CO.,
12TH & RACE STS., PHILADELPHIA, PA.

ROOTED CARNATION CUTTINGS
Now Ready

Enchantress	$2.25 100;	$18.00 1000
White Enchantress	2.25 100;	18.00 1000
Rose-pink Enchantress	2.25 100;	18.00 1000
Red Lawson	2.25 100;	18.00 1000
T. W. Lawson	2.25 100;	18.00 1000

25 at 100 rate, 250 at 1000 rate, prepaid anywhere in U. S.; Canada or Mexico add $2.00 1000. S. T. Danley, Macomb, Ill.

ROOTED CARNATION CUTTINGS
Get the very best from the best place. Our carnation cuttings are not over propagated weak stock, but healthy, strong cuttings. You'll be glad when you get them and happy when they bloom. White Perfection, Pure White Enchantress, Beacon, Mrs. C. W. Ward, Dorothy Gordon, Alma Ward, $3.00 per 100; $25.00 per 1000. Enchantress, $15.00 per 1000.
C. C. Pollworth Co., Milwaukee, Wis.

Carnations, January 1. Enchantress, Rose-pink Enchantress and Pure White Enchantress, well rooted, from strong healthy plants, $2.50 per 100; $20.00 per 1000. Cash.
Daut Bros., 112 E. Prairie, Decatur, Ill.

Strong, well rooted carnation cuttings. Winsor and Victory, $2.00 per 100; $15.00 per 1000. White Perfection, $2.50 per 100; $20.00 per 1000. Mrs. C. W. Ward, $3.00 per 100. Cash or C. O. D.
Northwestern Floral Co., Gross Point, Ill.

Carnation rooted cuttings. Beacon, $3.00 per 100, $25.00 per 1000; Enchantress, Rose-pink, White Enchantress and White Perfection, $2.50 per 100; $20.00 per 1000.
Scharff Bros., Van Wert, O.

CARNATION ROOTED CUTTINGS.
White Perfection ..... $3.00 per 100
Beacon ..... 3.00 per 100
N. Bommersbach, Decatur, Ill.

Carnations, Enchantress, now ready, $2.00 per 100; $18.00 per 1000. White Enchantress, $2.50 per 100; $20.00 per 1000.
Jas. Wheeler, Florist, Natick, Mass.

Carnation rooted cuttings. Enchantress, White Enchantress, Winsor, Beacon, $3.00 per 100.
Marine City Floral House, Marine City, Mich.

Rooted carnation cuttings. Rose-pink, Light Pink and White Enchantress, $20.00 per 1000.
Stephen Hyde, Carthage, Mo.

CHRYSANTHEMUMS.

POMPONS—Zenobia, Baby, Diana, Lulu, Bessie Flight.
SINGLES—Adelaide, Katie Covell, Mary Richardson, Kitty Bourne, Ladysmith, Helen Totty, Harold Bishop, M. J. Carlisle, Garza, Estelle Burnes.
Both pompons and singles, 75c per doz.; $4.00 per 100.
CHRYSANTHEMUMS—October Frost, Monrovia, Golden Glow, Jeanne Nonin, Major Bonnaffon, Dr. Enguehard, Clementine Touset, 50c doz., $3.00 per 100; $25.00 per 1000. Will trade—what have you?
W. R. Miller, The Florist, Covington, Ky.

FINE MUM STOCK PLANTS.
READY FOR SHIPMENT.
$4.00 per 100.
Cash with order.

Oct. Frost	Mrs. O. H. Kahn
A. J. Balfour	Pockett's Crimson
Beatrice May	Yellow Miller
Col. Appleton	T. Eaton
Dolly Dimple	Miss C. Frick
Glory Pacific	Polly Rose
Pacific Supreme	Pink Globe
Monrovia	Major Bonnaffon
	White Bonnaffon

Hayman Greenhouse Co., Clarksburg, W. Va.

CHRYSANTHEMUMS.
Several thousand fine stock plants ready for shipment.
$3.00 per 100.

Golden Glow	Col. Appleton
Polly Rose	Golden Wedding
Halliday	White Chadwick
Touset	Adelia
Monrovia	Mrs. Robinson
	Major Bonnaffon.

J. F. WILCOX & SONS,
COUNCIL BLUFFS, IOWA.

CHRYSANTHEMUM STOCK PLANTS
50c per doz.; $3.00 per 100.
Pacific Supreme

Mrs. Weeks	Bonnaffon
White Ivory	Merry Jane
Pink Ivory	Col. Appleton
Touset	Mayor Weaver
White Eaton	Yellow Eaton
October Frost	J. Nonin
	Patty, 5c

Erie Floral Co., Erie, Pa.

$3.50 per 100; 60c per doz., cash with order, for the following stock plants: Golden Glow, October Frost, Opah, Estelle, Gloria, Halliday, Robinson, Mrs. Weeks, Alice Byron, Wm. Duckham, Pres. Taft, Honesty, Philadelphia, White and Yellow Bonnaffon, Trainor Park, Golden Wedding, Dr. Enguehard, John Burton, Jeanne Nonin, Yanoma. The Newburys, Mitchell, S. D.

CHRYSANTHEMUMS—Continued.

Chrysanthemums. PINK—Enguehard, Chamberlain, Glory of Pacific, Pacific Supreme, Minnie Bailey. YELLOW—Major Bonnaffon, Golden Glow. WHITE—Polly Rose, Touset, Robinson, Mrs. Wm. Buckbee, $3.00 per 100. Number 10 seedling, white, midseason; and Number 9 seedling, creamy white; late Golden Glow sport, white, $10.00 per 100. Yellow Ivory, $5.00 per 100. The two seedlings are good commercial varieties of large size.
Henry A. Bester & Sons, Hagerstown, Md.

A NEW SINGLE CHRYSANTHEMUM.
MARY COLLADAY.
A seedling of Garza, extremely free and excellent keeping qualities. Color a rich rose lavender pink and Garza in size and form. Strong 2¼-in. stock, $4.00 per doz.; $25.00 per 100.
S. S. PENNOCK-MEEHAN CO.,
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Chrysanthemum stock plants, $4.00 per 100. Will exchange for other sorts needed. Sunshine, Touset, Robt. Halliday, Glory Pacific, Monrovia, Col. Appleton, Pacific Supreme, Robinson, Duckham, October Frost, Balfour, Black Hawk, Virginia Poehlmann, Dr. Enguehard and Jeanne Nonin. Truitt's Greenhouses, Chanute, Kan.

CHRYSANTHEMUM STOCK PLANTS.
Extra strong clumps.
Golden Glow, Pres. Taft, Donatello, Elise Papworth, Maj. Bonnaffon, Dr. Enguehard, Pink and White Ivory, $4.00 per 100. Minta, the new Enchantress colored pink pompon, $8.00 per 100.
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Extra strong 2-in. plants of the finest and earliest white chrysanthemum, Smith's Advance, $1.25 per doz., $10.00 per 100; rooted cuttings from soil, $8.00 per 100. Chrysanthemum Glen Cove, a 1911 novelty, an extra large pink; strong 2-in. plants, 25c each, $2.00 per doz.
Jos. F. Klimmer Estate, Forest Park, Ill.

Chrysanthemum stock plants. Appleton, Golden Eagle, Golden Wedding, Mrs. Weeks, Lynnwood Hall, Mrs. J. Jones, Oct. Frost, White Cloud, Beatrice May, 50c doz., $3.00 per 100, or will exchange for anything we can use.
Hyde Park Floral Co., Austin, Texas.

Chrysanthemum stock plants. Golden Glow, Oct. Frost, W. Bonnaffon, Y. Bonnaffon, Pres. Roosevelt, W. Chadwick, Helen Frick, Col. Appleton, Halliday, Lady Hopetown, Honesty, cash or exchange, 50c per doz.; $2.50 per 100.
R. E. Rathbun, Sioux City, Iowa.

Chrysanthemum cuttings for early delivery. Golden Chadwick, W. H. Chadwick, Yellow Eaton, White Eaton, W. T. Brock (incurved Thanksgiving pink), $2.50 100; $20.00 1000. All other varieties at market prices.
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A record of notes on the culture of the chrysanthemum, by growers situated in every section of the United States, with an introduction by the author, C. H. Totty. Price, 25c.
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Chrysanthemums. Smith's Advance, the peerless early white chrysanthemum. Rooted cuttings, tips only, $5.00 per 100. 500 stock plants of Nagoya, one of the best late yellows, $5.00 per 100. Maurice J. Brinton, Christiana, Pa.

Chrysanthemum stock plants, Chas. Razer (best white), $3.00 per doz. Yellow Bonnaffon, Dr. Enguehard, $3.00 per 100; 50c per doz. Cash with order.
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Chrysanthemum stock plants. G. Glow, Crocus, Gloria, Enguehard, Oct. Frost, Polly Rose, 50c per doz.; $3.00 per 100, or will exchange for any stock I can use.
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Chrysanthemum rooted cuttings, Enguehard (pink), Bonnaffon (yellow), Nonin (white), $2.00 per 100; $17.50 per 1000.
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Stock plants of White Bonnaffon and Jeanne Nonin, the best whites, $2.50 per 100. Cash with order, please.
Harry S. Pearce, Pontiac, Mich.

We have 5000 Smith's Advance chrysanthemum rooted cuttings ready to ship at $5.00 per 100. Cash with order. You had better hurry.
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Chrysanthemums. Several thousand fine stock plants ready for shipment at once. Maj. Bonnaffon, Yellow Eaton, Estelle, $3.00 per 100.
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Chrysanthemums, best commercial varieties. Rooted cuttings, $10.00 per 1000. Orders booked.
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5000 strong stock plants of Dr. Enguehard and Willowbrook, $1.50 per 100. Cash.
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Chrysanthemum stock plants, strong. Mrs. Parr, Pres. Roosevelt, Helen Frick, $3.00 per 100.
Mercer Floral Co., Bowling Green, O.

Chrysanthemum stock plants. Smith's Advance, 25c each; Golden Glow, 10c each.
Eli Cross, 25 Monroe, Grand Rapids, Mich.

Stock plants of yellow Garza, new, at 50c each., $5.00 per doz.
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Stock plants. Y. and W. Eaton, Y. Bonnaffon, A. Byron, Yanoma. $3.00 100.
West View Floral Co., Knightstown, Ind.

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CINERARIAS.

Cinerarias. Vaughan's Columbian, James' Prize, Matchless Dwarf, azure blue, white, blood red and old rose, 3-in., ready for 4-in., $4.00; 4-in., in bud, $8.00; 5-in., in bud, $15.00 per 100. Fine, clean stock. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Large dwarf flowering cinerarias, 4-in. pots, ready for 5-in., $5.00 per 100; 3-in. pots, ready for 4-in., $3.00 per 100. Fine plants from best seeds obtainable.
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Cinerarias, dwarf varieties. Large plants, ready to shift, 2¼-in., $1.50 per 100; 3-in., $2.50 per 100; 4-in., $5.00 per 100.
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Cinerarias, Columbian mixture, strong 2½ and 3-in., $2.50 and $4.00 100. Cash, please.
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Extra fine 2½-in. cinerarias, Ranson's Beauties, $2.50 per 100. Cash,
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Cinerarias, finest large flowering dwarf hybrids, in mixture, established in 3-in. pots, $4.00 per 100. Cash. Russell Bros., R. 4, Syracuse, N. Y.

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Hammerschmidt & Clark, Medina, O.

Cinerarias, strong, well grown 3-in., 4c.
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Cinerarias for Easter, 2-in. pots, $2.00 per 100. John Irvine & Sons, Bay City, Mich.

Cinerarias. The largest flowers. See display adv. J. W. Miller, Shiremanstown, Pa.

Cinerarias, large, dwarf flowering, 2¼-in., 2c.
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CLEMATIS.

Clematis paniculata, 2 and 3-yr.-old; also Henryi, Jackmani, Andre Romona, Red Jack. Special price for fall delivery.
Parks & Schaufelberger, Penfield, N. Y.

Clematis, coccinea and crispa. Ask for prices.
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Cobaea scandens seed, $2.00 per lb. postpaid.
J. A. McDowell, Ap. 167, Mexico City, Mex.

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Coleus rooted cuttings, including the new large leaved varieties, $6.00 per 100. Cash with order. See my cyclamen, Godfrey calla and rooted ageratum advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

Coleus, standard varieties, including Verschaffeltii, Golden Bedder, 2-in., $2.00 per 100; $18.50 per 1000. Cash with order.
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Coleus. Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.
Storrs & Harrison Co., Painesville, O.

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Coleus, strong, clean 2-in., $2.00 per 100; Verschaffeltii rooted cuttings, $6.00 per 1000. Cash, please. Rudolf Nagel, Lancaster, Pa.

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Coleus rooted cuttings, 15 varieties, $5.00 per 1000. U. G. Harglerode, Shippensburg, Pa.

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Coleus, best collection in the U. S.
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Coleus rooted cuttings, 8 best kinds, 50c 100.
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Crotons, 5-in. pots, 75c to $1.00 each; 6-in. pots, $1.00 to $1.25 each. Cash with order.
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Croton aurea maculata, 3-in. pot plants, $8.00 per 100.
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Cupheas (cigar plant), R. C., 70c per 100.
John Irvine & Sons, Bay City, Mich.

CYCLAMEN.

150,000 giant cyclamen seedlings. We claim the finest commercial strain in this country. Mr. A. Hange, Birmingham, Ala., says, "I planted 100 of your seedlings last year (1910) in comparison with 2500 of from so-called unrivalled, high priced English strains, but yours outgrew them." Transplanted August seedlings, $3.00 per 100; $25.00 per 1000; 3, 4, 5 and 6-in. plants, now blooming, from 10c to 75c each. Cash with order. See my Godfrey calla, rooted ageratum and coleus advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

CYCLAMEN.

5-in.	$20.00 per 100
4-in.	10.00 per 100
3-in.	7.00 per 100

This is the noted Winterich strain; plants in good shape, we must reduce our stock.
Swan Peterson Floral Co., Gibson City, Ill.

Cyclamen, best giant commercial strain, 6 separate colors or mixed, 4-in., healthy, stocky plants, in bud and bloom, 15c to 30c each.
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Cyclamen my specialty. Extra quality 5-in., $6.00 to $9.00 doz.; 6-in., $9.00 to $12.00 doz.; specimens, $1.50 to $2.00 each.
R. J. Southerton, Cyclamen Specialist,
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Cyclamen seedlings, giant flowering strain, $3.50 per 100, $30.00 per 1000; 2½-in., $5.00 per 100.
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Cyclamen, best giant, mixed colors, 2¼-in., $4.00 per 100; 3-in., $6.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

1000 large flowering mixed cyclamen in 2½-in., 3c, to clean up.
U. G. Harglerode, Shippensburg, Pa.

Cyclamen, full of buds, 3-in., $6.00; 4-in., $12.00 per 100. Get ready for Easter. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen giganteum, 4-in., 10c.
M. S. Wiecking Co., Bluffton, Ind.

Cyclamen, 5-in., mixed colors, 35c.
Flick Floral Co., Fort Wayne, Ind.

Cyclamen giganteum. See display adv.
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DAHLIAS.

WHOLESALE LIST FOR 1912
NOW READY
Separated stock and clumps. We use no slips or sprouts for propagation; stock all grown from tubers, insuring strong roots.
J. L. MOORE
Northboro Dahlia & Gladiolus Gardens
NORTHBORO, MASSACHUSETTS

Clifford Bruton, $5.00 per 100; yellow, mixed dahlias, $5.00 per 100. Clifford A. Bruton, Sylvia, Catherine Duer, Jack Rose, Perle or Queen Victoria, A. D. Livoni in the mixed ones, all good for cuttings for the wholesale market, 75c doz. Cash with order.
Ralph Hornor, Mt. Holly, N. J.

EAST BRIDGEWATER DAHLIA GARDENS.
If you are looking for dahlia stock for your 1912 catalogue, send for trade list to THE DAHLIA KING.
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Dahlias. Blushing Beauty, best cut flower kind, shrimp pink, nearly white; div. roots, $5.00 100. Wm. Ross, best red to date, $20.00 100. J. W. Ross Co., Centralia, Ill.

Dahlias. Choice field-grown roots; either whole clumps or divided. Very low prices on surplus.
Ford Seed Co., Dept. 86, Ravenna, O.

DAISIES.

Marguerites. Queen Alexandra, Nicholson's White, Soleil d' Or, 2½-in., $3.00; 3½-in., $6.00 per 100. Queen Alexandria, 4½-in., $10.00; 6-in., $25.00 per 100. Bushy stock ready for a shift or immediate flowering. Cash only.
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Yellow marguerites, winter flowering. Guaranteed healthy stock out of 2½-in. pots, $5.00 per 100; 4-in. pots, 10c, $10.00 per 100. Sample by mail, 10c.
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Daisies. Mrs. F. Sander, new double. Strong plants, 2¼-in., $4.00 per 100. White marguerites, 2¼-in., $2.00 per 100; 3-in., $4.00 per 100. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Marguerite Mme. Gailbert, 3-in., strong, beginning to branch freely, will give plenty of cut flowers, $4.00 per 100; 2-in., $2.50 per 100. You will need some of these this spring. Cash, please.
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Daisies (Chrysanthemum maximum), fine for cutting. Strong divisions, right from 5-in. pots, $2.00 per 100; $15.00 per 1000. Cash with order.
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Daisies. Mrs. F. Sander, Dreer's new double. Fine 2¼-in. plants, ready for 4's, only $2.50 100. Asparagus plumosus, as fine 2¼-in. as you ever saw, $2.00 100. The Maples, Garrettsville, O.

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Marguerites, Queen Alexandra; strong stock, $1.25 per 100 by mail.
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Giant white marguerites, ready for 3-in. pots, $1.25 100.
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The new double daisy, F. Sander, from 2¼-in. pots, $5.00 per 100; $45.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Daisies, Paris. Rooted cuttings, giant yellow and white, $1.00 per 100; 2-in., 2c.
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Queen Alexandra marguerites, 2½-in., $2.00 per 100. Cash. C. A. Musser, Doylestown, O.

Yellow daisies, 2½-in., $2.50 per 100.
Willis W. Kinyon, South Bend, Ind.

Marguerite daisies, 2¼-in., 2c.
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Dracaena indivisa, extra strong 2¼-in., $2.00 per 100; $18.50 per 1000. Must move soon as they need transplanting. All good stock.
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Dracaena indivisa, fine 3-in. stock, ready for a shift, must make room, $4.00 per 100.
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Dracaena indivisa, strong 2¼-in., $2.25 per 100; strong 3-in., $4.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Dracaena indivisa. Strong 5-in. pot plants, 10c; 3-in., $3.00 per 100. Buy now.
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Dracaena indivisa, pot-grown. From 5-in. pots, $15.00 per 100; from 4-in. pots, $10.00 per 100. Cash. Queen City Floral Co., Manchester, N. H.

Dracaena terminalis, fine young 2½-in. stock, $10.00 per 100.
Julius Roehrs Co., Rutherford, N. J.

3000 Dracaena indivisa. Good strong 2¼-in., 2½c., 3-in., 5c.
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Dracaena indivisa, 2½-in., $2.50 per 100; 3-in., $4.00 per 100. Cash.
Haentze Co., Fond du Lac, Wis.

Dracaena indivisa, 3-in., $5.00 per 100; $40.00 per 1000. L. Potter & Sons, Waukegan, Ill.

Dracaena indivisa, 3-in., 5c each.
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FERNS MY SPECIALTY

ASSORTED FERNS FOR FERN DISHES, strong 2¼-in. stock in hardiest and best varieties, $3.00 per 100; $25.00 per 1000.

CIBOTIUM SCHIEDEI. Grandest stock ever offered of this most magnificent fern, 3-in., $3.50 per doz., $25.00 per 100; 4-in., $5.00 per doz., $40.00 per 100; 8-in., $2.25; 9-in., $3.50; 10-in., $4.50; 12-in., $6.50 each.

ADIANTUM CROWEANUM, 4-in., $2.00 per doz.; $15.00 per 100.

ADIANTUM CUNEATUM, 2¼-in., $3.50 per 100, $30.00 per 1000; 4-in., nice full plants, $12.00 per 100.

ADIANTUM FARLEYENSE, 4-in., $5.00 per doz.; $40.00 per 100.

ADIANTUM REGINAE and RHODOPHYLLUM, splendid 4-in. stock, $4.50 per doz., $35.00 per 100.

ASPARAGUS PLUMOSUS NANUS, 2¼-in., $3.00 per 100; $25.00 per 1000.

ALSOPHILA AUSTRALIS, a very pretty tree fern, 7-in., $1.50; 10-in., $4.00 each.

J. F. ANDERSON,
Fern Specialist. Short Hills, N. J.

Ferns for dishes, assorted varieties. Strong, healthy plants from 2¼-in. pots, $3.00 per 100, $25.00 per 1000; 3-in., $6.00 per 100, $55.00 per 1000; 4-in., $12.00 per 100.

Boston ferns, 8-in., $1.25 each; 7-in., $1.00 each, $10.00 per doz.; 6-in., 50c each.

Whitmani, 8-in., $1.50 ea; 7-in., $1.00; 6-in., 50c and 75c each.

Scottii, 7-in., $1.00 each; 6-in., 50c each.

Kentia Belmoreana, 2¼-in., $10.00 per 100; 3-in., $15.00 per 100; 4-in., $30.00 per 100; 5-in., $8.00 per doz.

Cocos Weddeliana, 2¼-in., $10.00 per 100.

Asparagus plumosus nanus, 2¼-in., $3.00 per 100; 3-in., $5.00 per 100.

Asparagus Sprengeri, 2¼-in., $2.50 per 100.
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FERNS FOR IMMEDIATE DELIVERY.
EXTRA GOOD QUALITY STOCK.

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	100		100
4-inch	$10.00	8-inch	$80.00
5-inch	25.00	9-inch	each, 1.25
6-inch	40.00	10-inch	each, 1.50
7-inch	60.00	12-inch	each, 2.00

WHITMANI.

	100		100
6-inch	$45.00	8-inch	$80.00

ASPARAGUS.
3-in., $6.00 per 100.
R. R. DAVIS CO., MORRISON, ILL.

Ferns. Handsome stock. Boston, Whitmani, Elegantissima compacta, Sprinfieldii, Amerpohlii, Scholzeli. Rooted runners, $1.80 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c. Sample sent for 25c. Satisfaction guaranteed. Ferns are grown at Cleveland, Ohio, plant. 60,000 feet of modern glass devoted to ferns and asparagus. Special prices on large quantities for cash only.
Schneider, Florist, Springfield, Ohio.

FERN BARGAINS.

Boston runners, strong	$15.00	1000
Boston, 2¼-in.	30.00	1000
Amerpohlii, 4-in.	10.00	100

Cash with order.
The above stock is strictly clean and strong.
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Ferns. Good, strong pot-grown Amerpohlii. Elegantissima, Piersoni, Boston and Superbissima, 3-in., $7.00 per 100; 4-in., $12.00 per 100, $110.00 per 1000; 5-in., $18.00 per 100. This is all excellent stock and worth more money but I must have room.
Andrew Peterson, Hoopeston, Ill.

Boston ferns, 6-in. pots, 45c ea., $40.00 per 100. Whitmani ferns, 4-in., 20c ea., $15.00 per 100; 5-in., 30c ea., $25.00 per 100; 6-in., 45c ea., $40.00 per 100; 7-in., 60c ea., $55.00 per 100; 8-in., 75c ea., $70.00 per 100. Ficus elastica, 35c, 50c and 75c ea. Cash, please.
Queen City Floral Co., Manchester, N. H.

TABLE FERNS in best mixed varieties, from 2¼-in. pots, $30.00 per 1000; 250 at same rate. I have a large stock to select from. Sure to please. All out of town orders are cash with order, please.
B. SOLTAU FERNERY,
2199 Grant Ave., Jersey City, N. J.

Ferns for dishes, good assortment, 2-in. pots, $3.00 per 100.
John Irvine & Sons, Bay City, Mich.

FERNS FOR JARDINIERES for immediate use. Bushy, well grown plants, 6 to 8 best varieties, from 2¼-in. pots, $3.00 per 100; $25.00 per 1000.

COCOS WEDDELIANA, 2¼-in. pots, right for centers, $10.00 per 100.
Thos. P. Christensen, Short Hills, N. J.

Small ferns for dishes. Pteris Mayii, serrulata cristata variegata, Wimsetti, cretica albolineata, $3.00 per 100; $25.00 per 1000.
Aspidium tsussimense and Cyrtomium falcatum, $3.50 per 100; $30.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Nephrolepis exalta Bostoniensis. Booking orders now. Fine, strong runners, $10.00 per 1000. Nephrolepis exaltata, same price as above. Nephrolepis davallioides furcans, strong runners, $2.50 per 100. J. J. Soar, Little River, Fla.

Ferns. Boston and some Whitmani, bench grown, out of 4-in. at time of planting, which we must dispose of immediately, including runners. Let us make you an offer.
Wellworth Farm Greenhouses, Downers Grove, Ill.

ROOSEVELT FERN IS A WINNER.

2½-in.	$2.00 per doz.; $15.00 per 100
3-in.	2.50 per doz.; 17.50 per 100

F. O. B. West Grove.
Conard & Jones Co., West Grove, Pa.

Ferns for dishes, transplanted, ready for potting, five varieties, $1.00 per 100; $9.00 per 1000. Strong plants, 2-inch, $3.00 per 100, $25.00 per 1000. Cash, please.
Rober & Radke, Maywood, Ill.

Ferns. Extra fine 3-in., short and clean Whitmani, 6c; Bostons, 5½c. They are good. We must have the room. Cash, please.
E. A. Johannes, Rockford, Ill.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. 500 at 1000 rate. Cash with order.
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Boston and Whitmani ferns, 3-in., $7.00 per 100; 4-in., $12.00 per 100. Good strong stock ready to shift.
Momence Greenhouse, Momence, Ill.

Boston ferns, fine stock for 6-in., 25c. Orders booked now for Boston and Whitmani, young stock, $20.00 per 1000. Cash.
A. E. Monroe, Wellesley Farms, Mass.

Boston ferns for immediate delivery. Strong stock, 2¼-in., $4.00 per 100; 3-in., $7.00 per 100; 4-in., $10.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Bench ferns. Elegantissima, Amerpohlii, Scholzeli, 3, 4 and 5-in., 6c, 10c, 12c. Cash.
Byer Bros., Chambersburg, Pa.

Good, strong, healthy Boston ferns, to make room, 16c. Cash with order.
C. C. Walker, 1223 Logan Ave., Danville, Ill.

Boston ferns, strong runners, $10.00 per 1000. Write for special prices on 5,000 to 20,000 lots.
F. M. Soar, Little River, Fla.

Ferns. Boston, pot-grown, fine stock, 3-in., $7.50 100; 4-in., $15.00 100; 5-in., $20.00 100.
Swan Peterson Floral Co., Gibson City, Ill.

Boston ferns, grown for our own use but have too many; 5-in., 35c; 6-in., 50c; $6.00 per doz.
D. R. Herron, OLEAN, N. Y.

Table ferns, in good varieties, out of 2¼-in. pots, $3.00 per 100. Cash, please.
J. H. Fiesser, Guttenberg, N. J.

Whitmani, Bostoniensis and Piersoni ferns, 4-in., 15 ea.; 5-in., 25c ea.; 6-in., 50c ea.
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Genista racemosa, 6-in. pot plants, $25.00 per 100; very heavy 4-in. pot plants, $15.00 per 100.
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Strong selected cuttings. We grow for the trade only and our aim is quality.

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Rooted cuttings, $12.00 per 1000.
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Rooted cuttings, $14.00 per 1000.
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Strictly A1 stock of the following superb bedders: S. A. Nutt (greatest dark red), Double Grant (most satisfactory scarlet bedder), Mme. Buchner (only dble. white), $1.50 per 100; $14.00 per 1000. Beaute Poitevine (salmon), $1.75 per 100; $16.00 per 1000. Order now and get prompt delivery. W. T. Buckley Co., Springfield, Ill.

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Well packed. We have no other varieties.
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Rooted cuttings, $10.00 per 1000.
2-in., $2.00 per 100; $18.00 per 1000.
Cash with order.
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Geraniums. Strong 2 and 2½-in. Ricard J. Viaud, $20.00 per 1000; S. A. Nutt, $18.00. Cash with order. Also a few Sulleroi, Buchner, Poitevine, etc., mixed $18.00 per 1000.
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Geranium rooted cuttings, S. A. Nutt, Viaud, Buchner, Kendall, Grant and Doyle, mixed, strong and well rooted, $1.25 per 100. A good mixture of all the above, $1.10 per 100.
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Parker Greenhouses, Norwalk, O.

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GERANIUMS—Continued.

Geraniums, strong, 2-in. pot plants. Nutt, Ricard, Poitevine, Castellane, La Favorite and Perkins, $2.50 per 100.
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Geraniums out of 2¼-in. pots at $2.00 per 100. 2000 S. A. Nutt, 500 Ricard, 500 E. G. Hill and 500 La Favorite.
Arthur Harbison, Harrodsburg, Ky.

Geranium rooted cuttings. Ricard, $12.50 per 1000; Mme. Salleroi, $1.00 per 100.
G. E. Fink, Kenilworth, N. J.

Geraniums, S. A. Nutt and La Favorite, 2½-in., $2.50 per 100. Cash, please.
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U. G. Harglerode, Shippensburg, Pa.

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Geraniums. Single Grant, 2¼-in. pots, to close out, $1.50 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Geraniums. S. A. Nutt and standard varieties, 2½-in., $2.50 per 100; $20.00 per 1000. Cash.
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Geranium S. A. Nutt. Extra strong 2¼-in. stock, $2.50 per 100; $22.50 per 1000.
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Geranium R. C., 8 standard varieties, $1.50 per 100; 2½-in., $3.00.
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P. N. Obertin, Kenosha, Wis.

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S. W. Pike, St. Charles, Ill.

Mme. Salleroi, to make room, 2-in., 2c. Cash.
Bell Floral Co., Franklin, Pa.

Gen. Grant geraniums, 2-in., $2.50 per 100. Cash.
Loyd C. Bunch, Fredonia, Kan.

Rooted Rose geraniums, $1.00 per 100. Cash with order.
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Geranium S. A. Nutt, 2¼-in., $2.50 per 100; $20.00 per 1000.
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Hydrangea Otaksa for Easter and Decoration day. See our display adv.
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Rooted cuttings, $5.00 per 1000.
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German ivy. R. C., 50c per 100, mailing 10c; 2¼-in., 2½c.
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German ivy R. C., 60c per 100.
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English ivy R. C., $1.00 per 100.
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Lupines from 2-in. pots, well established; $2.00 per 100; good little plants from soil, in white, pink, blue and yellow, each color separate, $1.00 per 100; $9.00 per 1000. These are from the best strain of cut flower sorts obtainable.
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Peonies in any quantity. Write for prices on list of your wants.
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Primula obconica, best colors of largest flowering, mostly all budded, ready for shift at once; will make good Easter plants, 2¼-in., $2.75 per 100. Forbesi, Baby primrose, in bloom, ready for 3-in. at once, 2¼-in., $3.00 per 100. Cash, please. John Bauscher, Jr., Freeport, Ill.

Primula obconica, strong 3-in., in bud and bloom, a very fine mixture, gigantea and grandiflora, $5.00 per 100. Primula, Chinese, fine 4-in., in bud and bloom, $6.00 per 100.
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Chinese primroses, finest fringed, mixed colors, 3-in., $4.00; 2-in., $2.00. Kewensis, 3-in., $3.00. Extra good plants. Cash. M. S. Etter, successor to John F. Rupp, Shiremanstown, Pa., The Home of Primroses.

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Primula obconica, strong plants. Gigantea, rosea and kermesina; grandiflora, rosea kermesina and alba, 2-in., 2½c; 3-in., 6c. Kewensis, 2-in., 2½c. Cossairt & Sons, Shelbyville, Ind.

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ROSES—Send for complete list.

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ALL ORDERS SHIPPED WITHIN TWENTY-FOUR HOURS AFTER RECEIPT

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SMITH, LINEAWEAVER & CO.
COAL
Anthracite, Bituminous, Coke and Gas Coal
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Greenhouse Heating.

RUN THE FLOWS DOWNHILL.

In your answer to an inquiry in The Review of December 14, page 123, you gave an explanation of the advantages that are secured by connecting the expansion tank with the flows rather than with a return pipe. At what part of the flows would you connect the tank? In my heating system the highest point is at the opposite end of the greenhouses from the boiler. I use a heat generator. I am troubled with air in the pipes. I find it necessary to let the air off every time I start the fires up at night. There are two air valves at the highest point in the piping. The heat generator is attached to the pipe leading to the tank and is taken from the return near the boiler. Please advise me as to the best way to get rid of the air. W. J. H.

There is always more or less trouble from the pocketing of air in the flow pipes when the uphill plan is used for the flow pipes. This is entirely done away with when the flows are run downhill.

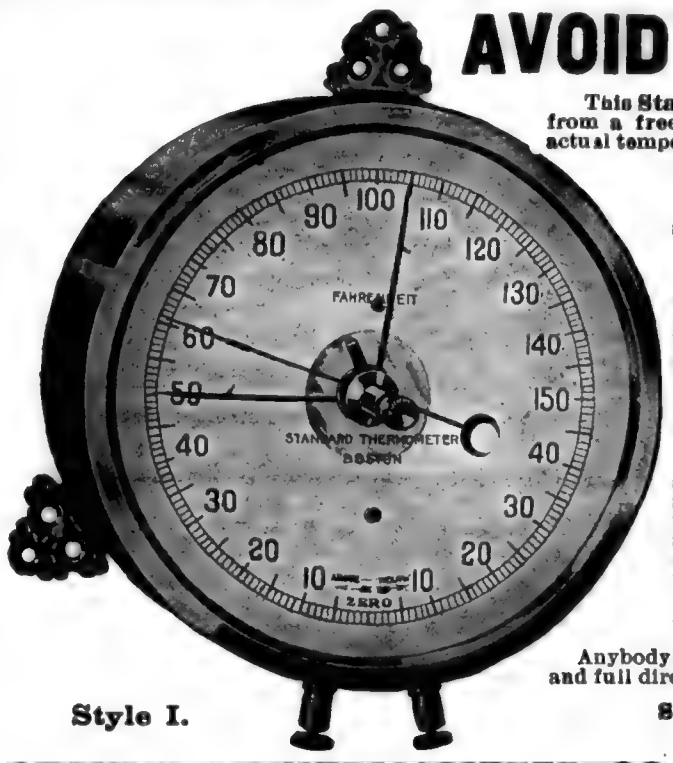
All that is necessary in the present case is to raise the boiler end of the flow pipes so that there will be a fall of one inch in ten or fifteen feet. If this brings the highest part of the flows within a foot of the glass, it will be necessary to lower the farther end of these pipes, so that they will be at least twelve inches from the glass at the boiler end, and eighteen inches would be better. Then connect the present expansion pipe with the highest part of one flow and run a smaller pipe, to act as a vent, from this pipe to the highest point in the other flow pipe. The generator will act in the same way as at present and should be located, of course, on the expansion pipe, between the highest point in the flow pipe and the expansion tank. It will be a good thing to use a by-pass with a valve in connection with the generator, so that in mild weather the system can be run without pressure.

UNSATISFACTORY PIPING.

Enclosed you will find a diagram of the heating system in our greenhouse. In our coldest weather we had to fire hard to keep the north room at 50 degrees and the south room runs from 5 to 10 degrees colder, even with the door in the glass partition open. There are two valves in the piping for the south room, one where it leaves the heater and one where it enters the other return. We expected that we could heat the north room to 60 degrees easily and hold the south room down to 50 degrees, but we cannot do it, and think the trouble must be in the connection of the returns. The flows run downhill. The expansion pipe connects with the lower pipe at the end of the middle bench, about four feet from the heater, and when we are firing hard it gets warm for six feet up or more, which we also think is the effect of the crowded returns. This winter we are using both rooms for carnations and geraniums. Our location is central Michigan. J. F. T.

The sketch accompanying the foregoing letter shows a house 15x20 feet,

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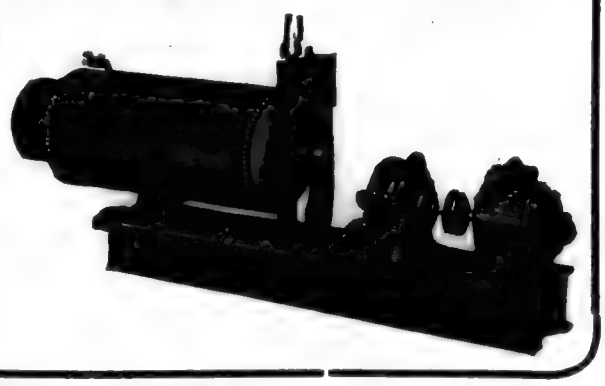
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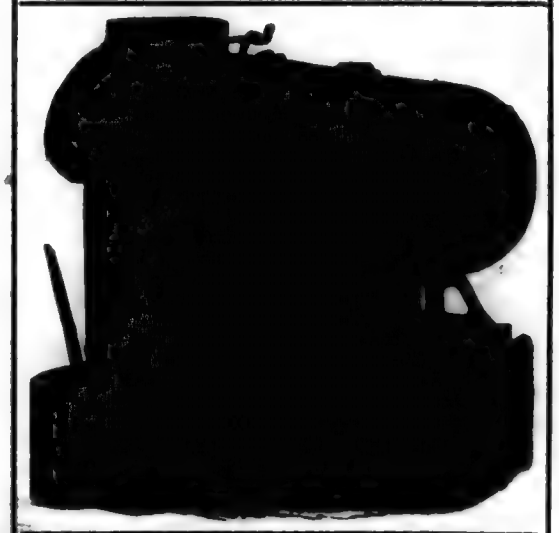
Pontiac, Ill., March 16, 1910.

Gentlemen:—We have no trouble whatever in keeping a temperature of 50° to 55° in our carnation houses, and 60° in our rose houses, in the coldest weather. We fire once in three hours on very cold nights, and other times once during the night. The boiler has given excellent satisfaction; it is simply wonderful. We had a fire box boiler previous to this, but your improved system has it beat to death in every way. Your system of piping, together with your improved Generator system, has steam skinned to death in so many ways. We were on the market to buy high pressure steam, but after receiving such reports of your improved hot water system, we concluded that your experience was worth something, and have been delighted at the results, and so glad we took your advice and put in hot water instead of steam. Very respectfully, W. J. MILLER & SON.

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444

IMPROVED RETURN TUBULAR FIREBOX BOILER



Johnston Heating Co.
131 E. 26th St., New York City

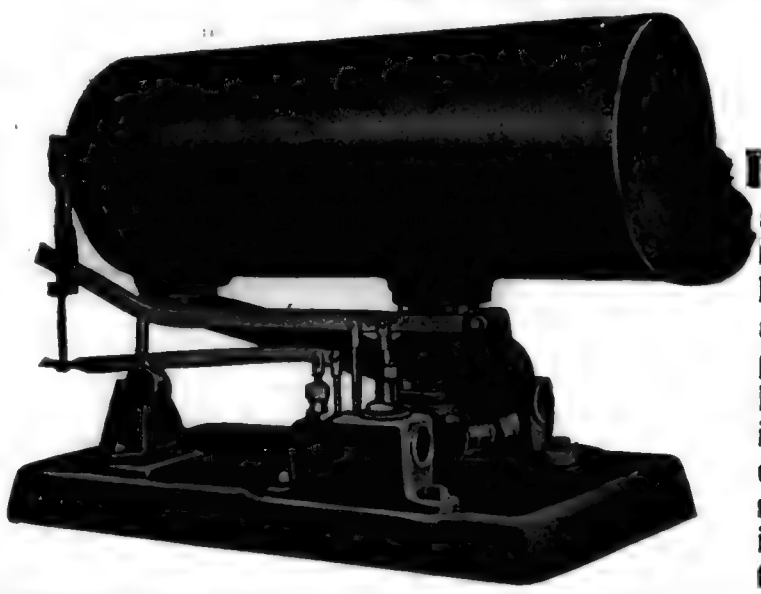
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with a lean-to 10x20 feet, built across the south end. In the larger house there are three coils, each of which contains five 1½-inch pipes. For these there is one 2-inch flow pipe, which connects with the coils at the south end of the house. A 2-inch return pipe leads to the boiler. In the lean-to there is one coil of five 1½-inch pipes. This is connected with the boiler by a 2-inch flow pipe, and the 2-inch return pipe is connected with the return from the other house about ten feet away from the boiler.

It is probable that a part of the difficulty, at least, is due to the fact that an endeavor is made to return all of the water from twenty 1½-inch pipes through a single 2-inch return, and the distribution of heat to both houses will be improved if the return from the lean-to is connected independently to the boiler. It would also be better if the expansion pipe were connected to the highest point in the system.

The sketch does not show the length of the coil in the lean-to, but it appears to be about twelve feet, so that there would not be more than thirty-five square feet of radiation in the house, whereas, to give a temperature of 50 degrees, there should be at least sixty feet, allowing one linear foot of 1½-inch pipe for every two square feet of glass. The house 15x20 contains

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THE NEW "Detroit" RETURN TRAPS

are devoid of all unnecessary mechanism.

Every part designed, manufactured and assembled with the idea of permanence foremost.

Every tilt of the trap shows that it's working—draining every drop of condensation from the heating system and automatically returning it to the boiler—no pumps—no trouble.

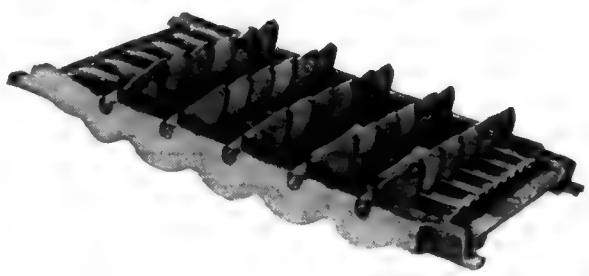
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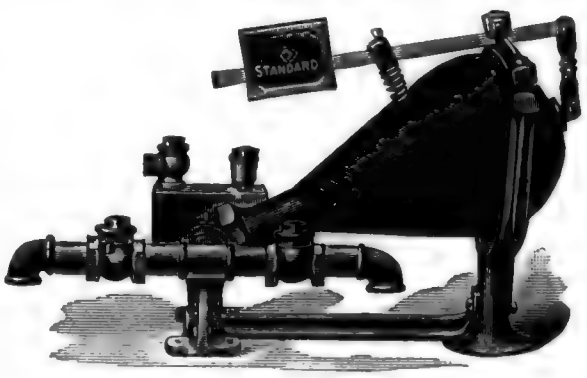
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YOUNGSTOWN, OHIO

about the right amount of radiation to give 60 degrees in zero weather, but it will probably be necessary to use a 2½-inch flow pipe and a return pipe of the same size, or connect each coil with the boiler, using 2-inch pipes.

PIPING FOR A LEAN-TO.

I am enclosing a diagram which shows a range of four houses, each 28 x 200, running east and west, and protected at each end by a lean-to which extends north and south. My two Kroeschell boilers are located at the east side of the east lean-to and about an equal distance from the north and south ends of the range. Will you kindly inform me how to pipe the west lean-to? I wish to maintain a temperature of 52 to 54 degrees. In this part of New York state the outside temperature sometimes drops as low as 10 to 15 degrees below zero.

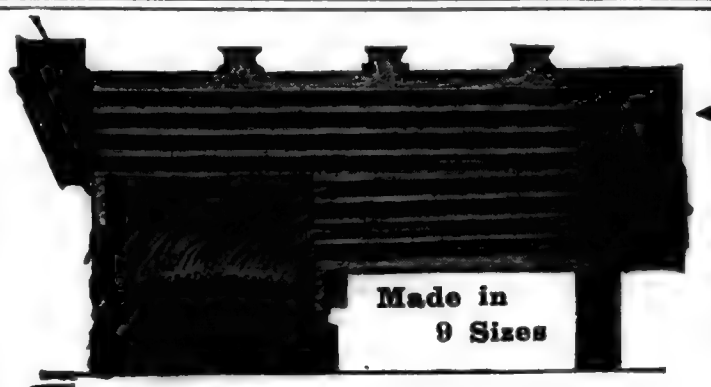
The main or flow and return to the entrance of the south house are both 6-inch. Crosswise, east of the south house, the flow and return are reduced to 4-inch and 3-inch. Would it be advisable to place a 4-inch tee just where the 4-inch flow is reduced to 3-inch and run a 4-inch flow along the south wall in the south house, to enter the west lean-to and there to branch off into fourteen or sixteen 2-inch pipes, which would enter a 4-inch return at the north end of the lean-to? The 4-inch return would run east along the north wall of the north house and from there to the boilers, seven feet below the ground level. All the houses slope about two and one-half feet from west to east.

A. J. P.

The plan shows a lean-to 150 feet long, fourteen feet nine inches high to the ridge and six feet to the eaves, at the west end of the four houses, but it does not show the width of this lean-to. However, the lean-to at the east end of the houses is sixteen feet wide and the west lean-to appears to be the same. Unless there is glass in the west wall of the lean-to, there should be no difficulty in maintaining 55 degrees if ten 2-inch pipes are used. This will afford about 900 square feet of radiation.

The 4-inch main, with which it is proposed to connect the 4-inch main for the lean-to, is now supplying about 700 square feet of radiation, and if the 900 feet in the lean-to and the 250 feet in each of the flow and return pipes are added, it will make some 2,100 feet to be taken off from the 4-inch main. The amount would be from 400 to 600 feet more if fourteen or sixteen 2-inch pipes are used in the lean-to, instead of ten, as recommended. At the best, the 4-inch flow and returns leading to the lean-to will have all they can do, but, if possible, the flow should connect either with the 6-inch flow or with the boiler. If this can be done, there should be no difficulty in heating the lean-to with ten 2-inch pipes as heating coils.

Pontiac, Ill.—W. J. Miller & Son secured, in time for the Christmas rush, a new Ford motor delivery car and they say, after giving the machine a trial, that they feel sure they have solved the quick-delivery problem. Christmas trade, they state, was fully equal to that of last year, with this difference, that the principal demand this season was for cut flowers rather than for potted plants.



More Heating Surface

and less water space than is contained in any other boiler. (Note the many flues set close together.) This is one reason why the users of the

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Pipes, Flues

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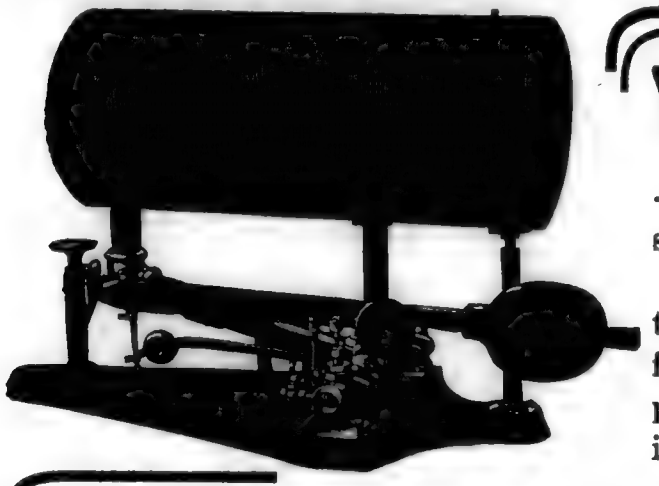
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STEAM and HOT WATER

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NAMES OF PLANTS.

I am sending you under separate cover samples of a red geranium which I have; also a sample of another plant. I should be pleased to have you give me the names of each through the columns of The Review. A. B. C.

The geranium was tolerably well faded, but seems to be Double General Grant. The other plant is Sedum Sieboldii. C. W.

DREER'S "RIVERTON SPECIAL" PLANT TUB



No.	Diam.	Each	Doz.	100
10	20 in.	$1.45	$16 00	$130.00
20	18 in.	1.30	14.00	115.00
30	16 in.	1.00	11.25	92.00
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Manufactured for us exclusively. The best tub ever introduced. The neatest, lightest and cheapest. Painted green, with electric-welded hoops. The four largest sizes have drop handles.

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The extension stave foot prevents the bottom from rotting. No chance for water to collect.

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A complete reference book for commercial florists. 253 large pages, fully illustrated. Treats on over 200 subjects concerning greenhouse building, heating, management, and plant culture. It tells you just what you want to know, in just the way you want to be told.

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PITTSBURGH.

The Market.

The old year closed in a most satisfactory way, as the holiday week had just enough going on to keep everyone from getting lazy. Flowers dropped down to the pre-Christmas prices the next day after Christmas and there was just enough business to clean up all stock that came in every day, which made it quite comfortable for the wholesalers. The reports of Christmas business after all had been footed up were more satisfactory even than the first reports. All the shop people seemed perfectly satisfied with their business. New Year's trade was divided between Saturday and Monday and was just about up to former years.

Various Notes.

There has been considerable comment on the action of one of our leading cemeteries, which has gone into the business of making cemetery decorations. It has been the custom of the older cemeteries to decorate and care for all graves for which an annuity has been left, but they have never gone into the business of making wreaths and other decorations in competition with the trade. In this case, however, cards advertising the cemetery and soliciting orders for wreaths, etc., were sent to all lot owners. This was the cause of considerable feeling, as it is said that cemeteries have no right to enter into a business of this kind, since they pay no business tax and the transaction of such business is contrary to the laws under which they have their charters.

The custom, among women, of wearing flowers, which had almost dropped out for several years, has certainly returned, but for some reason violets do not quite hold their own. Small rosebuds, valley, orchids and daisies are mostly in favor.

Yellow trumpet narcissi are about the only yellow flowers to be had just now and the Pittsburgh Cut Flower Co. has had a large sale for them.

T. P. Langhans will do jury duty during the first two weeks in January.

The Florists' Club met January 2. The subject was "Roses." Officers were nominated.

Edward McCallum had the pleasure of having his wife and two new sons home for New Year's. Mrs. McCallum is not yet well, but thought home surroundings would do more than a hospital toward a recovery.

De Forest Ludwig, son of E. C. Ludwig, who is a Cornell student, was home for the holidays. Hoo-Hoo.

TO-BAK-INE KILLS BUGS

ASK

E. H. HUNT

131 N. Wabash Ave. CHICAGO

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If you want an insecticide to destroy insects on plants, Mealy Bug, Brown and White Scale, Thrips, Red Spider, Black and Green Fly, Mites, Ants, etc., we have it. Our insecticide destroys these pests, at the same time leaves no disagreeable odor. Poisonless—is harmless to user and plant.

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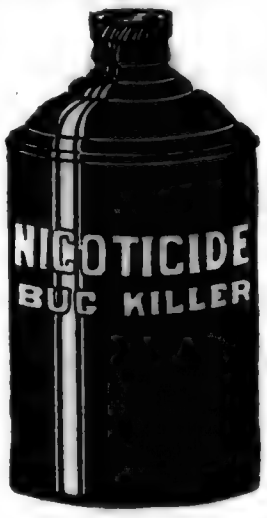
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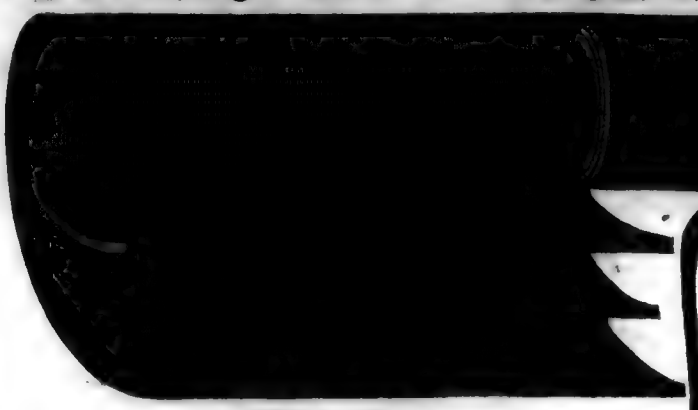
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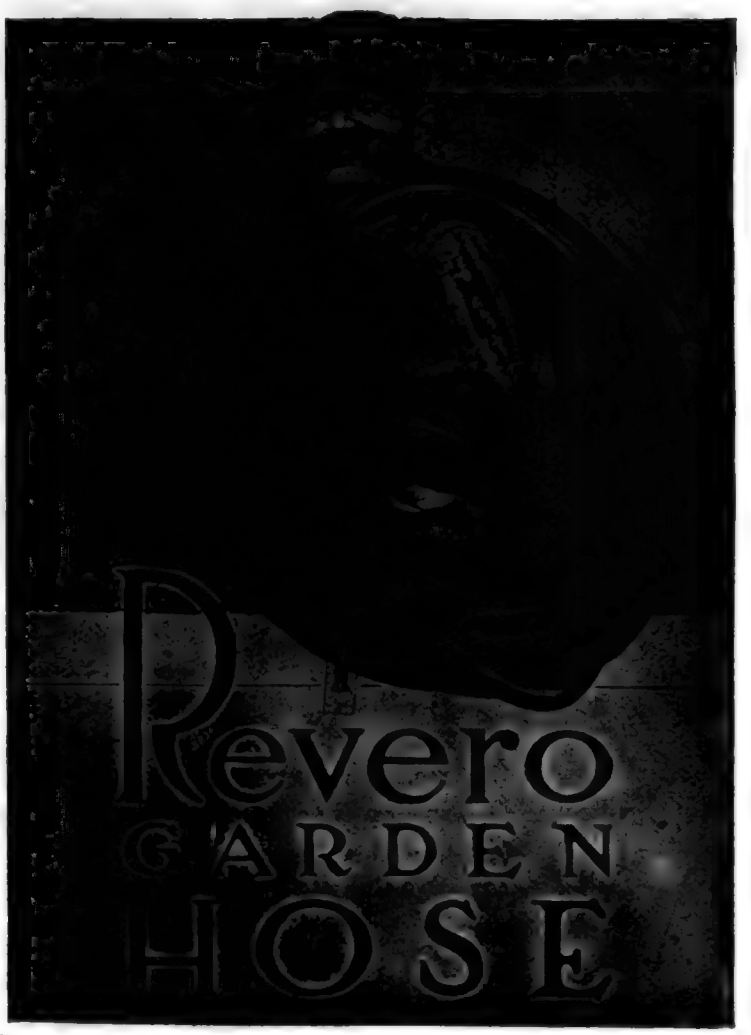
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BRAMPTON, ONT.

Christmas was undoubtedly the busiest time that Brampton growers ever experienced.

William Fendley had a large assortment of plants, which proved most acceptable to a hungry trade.

Richard Jennings cut twice the quantity of carnations sold at previous holiday seasons, and as the bulk of them were graded as No. 1 quality, he is well satisfied with the results. Mrs. C. W. Ward is a great favorite with this grower, and some Pink Delight, produced from cuttings purchased from F. Dorner & Sons Co., are quite thirty inches in height at the present time.

Despite the dull weather, the Dale Estate had some magnificent cuts, and the supply in the large cellar was depleted every evening. Orchids and Beauties were in keen demand.

Reports have it that the holiday weather was not at all Christmas-like, and florists throughout the Dominion must have thanked Heaven for this consideration.

Today, January 1, is election day here, and the citizens have decided, by a large majority, that the manager of the largest greenhouses in Canada is the best man that can be got as mayor of the town for the year 1912.

W. G. P.

Marysville, Kan.—H. R. Fisher reports that the holiday trade was much better than last year and everything was sold out clean. Carnations were scarce and roses, as a consequence, met with an unusually good demand. In the midst of the Christmas rush, four funerals, they say, were "thrown in for good measure, which made business rather lively."





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Never mind the weather!

Your plants in hot-beds or cold-frames under Sunlight Double Glass Sash will not mind it

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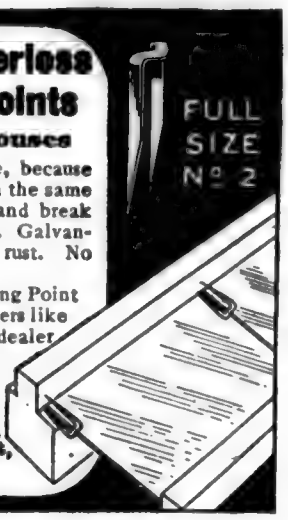
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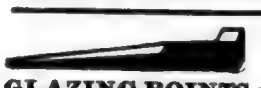
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TILE BOTTOMS 12 x 24 and 9 x 24
Furnish any quantity.

The Camp Conduit Co. 718 Garfield Bldg., CLEVELAND, O.

WICHITA, KAN.

The Market.

Perhaps the most remarkable thing about the 1911 Christmas was the fact that there was nothing remarkable about it. The volume of business was a small percentage better than for the same dates of last year, with prices about the same. The weather was not as warm as Christmas on some previous years, but the thermometer did not go below 20 degrees. Deliveries were handicapped slightly, but not seriously, by snow and rain which came early in the week and remained for Christmas.

Christmas plants were excellent in quality and found the usual ready sale. The honors were divided about evenly between azaleas, Lorraines, poinsettias and cyclamens, with plant baskets and ferns coming second.

Shipped cut flowers arrived in good condition, and for once were sufficient in quantity. The demand seemed a shade heavier than usual, but the retailers came a little nearer getting their orders filled and were better prepared to handle the later shoppers. The prices were about the same as for previous years, Beauties ranging from $6 to $15, roses around $3, with fancy Killarney and Richmond at $4 and $5. Good pink and white carnations brought $1.50; reds, $2. Violets just about equaled the demand, and sold for $1.50 and $2 per hundred. Some bulbous stock was offered, around 75 cents per dozen.

The consignments of holly came about when ordered and, as usual, one or two cases proved a disappointment. All that was salable was sold early; this was true also of holly wreaths. Mistletoe was slightly better than usual, and was just about equal to the demand. Only two florists handled Christmas trees and these report nice clean-ups. There is enough green rope left to do some decorating. The gradually increasing price and the gradually decreasing thickness of this once popular article seems to discourage the merchant who used to hang several hundred yards. He now leaves such stuff alone or invests in some gaudy green paper creation that can be dusted off and folded away for future reference.

Since Christmas the usual quietness has appeared, though business is better than for the same dates last year, due mostly to the demand from out of town. The weather and the rather stiff prices have not encouraged local transient trade.

Various Notes.

The florists were thankful that the week before Christmas was marked by a decided lull in funeral work. This was broken rather suddenly for the firm of Chas. P. Mueller on Christmas afternoon, when everyone was ready to go home and rest, by a nice order for out-of-town funeral work that kept them busy until evening.

Bixby & Co. report a highly satisfactory Christmas business in plants, with quite a little flurry, also, in cut flower baskets.

F. Kuechenmeister has given up gas as greenhouse fuel and gone back to the old reliable coal.

The Blake vegetable growing establishment has installed a new oil burner for heating. R. C.

The Mum Manual, by Elmer D. Smith, for 40 cents sent to The Review.



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and give you time to grow things and that is
WHAT A GREENHOUSE MAN WANTS
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each day will give you plenty of water at high pressure every day in the year, and you won't need to use an overhead or storage tank either. After years spent in studying the florists' and gardeners' water supply question, we developed a line of pumps and engines that are adaptable to almost any conditions. We have combined the two in one unit and make them in sizes that give a capacity of from 400 to 4000 gallons per hour.

Standard Pumping Engines

may be used to pump directly into the pipe line and will give a steady, even stream suitable for spraying, irrigating or applying liquid fertilizers. They can also be used with any other kind of elevated tank or air pressure systems when preferred. Tell us the conditions to be met in your case and we'll tell you the best system to overcome your difficulties. Write fully about all possible sources of supply and the work to be done. We will freely give our expert advice to exactly fit your case, and in addition will send you our catalogue telling lots more about **Standard Pumping Engines**. Let us hear from you today—now—while you're thinking about it.

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The Weekly Florists' Review

CAXTON BUILDING

508 South Dearborn Street

CHICAGO

Advertising forms close

TUESDAY

The latest hour at which advertisements, or changes of advertisements, can be accepted is 5 p. m. Tuesday.

Alton, Ill.—It is stated that Joseph Krug, the East Second street florist, has a camellia from which he has been cutting blooms for the last thirty years. Four times, it is said, the greenhouse has been taken down and rebuilt over the plant.

FLO

THE WEEKLY FLORISTS' REVIEW

A JOURNAL for FLORISTS, SEEDSMEN and NURSERYMEN



'Twas a Mighty Fine Show

That Rose and Carnation Convention at Detroit, but you missed one of the best and most instructive sights Detroit can offer if you failed to take a run out to Redford and see Albert Stahelin's range of movable houses. The most wonderful thing about this range is the remarkable strength and rigidity of construction that made it possible to move four houses, each 35x173 feet, a distance of nearly 200 feet without breaking a single light of glass. In order to obtain such perfect construction, it was natural that Mr. Stahelin should investigate every known type of greenhouse. His final decision was made after careful study and mature deliberation, and it is interesting to note that he chose the **Garland Steel Truss Construction** with **Garland Cast Iron Gutters.**



That his confidence in Garland materials and workmanship was amply justified was proven last fall when the houses were moved into position, and it has been proven ever since by the superb stock that is being grown in them. You may not want movable houses, but you do want houses that are strong, rigid, light and lasting and that is why you should be mightily interested in this test of Garland Greenhouses. Let us make sketches and estimates on that house or range you expect to build this year. We have doubled our factory capacity and are in shape to give first-class attention to every order.

Bear this in mind—If our estimate appears a little high at first glance, remember the superior construction you are getting and you'll agree it's worth every cent it costs—and then some.

WRITE TODAY FOR FURTHER PARTICULARS

THE GEO. M. GARLAND CO.

——Lock Box R,——
Desplaines - Ill.

THE ROSE AND CARNATION SHOW

OFFICERS ELECTED.

American Rose Society.

President, A. Farenwald, Roslyn, Pa.
Vice-president, Frank H. Traendly, New York city.
Secretary, Benjamin Hammond, Fishkill, N. Y.
Treasurer, Harry O. May, Summit, N. J.
Next meeting place, New York city, April, 1913.

American Carnation Society.

President, Philip Breitmeyer, Detroit.
Secretary, A. F. J. Baur, Indianapolis.
Treasurer, F. E. Dorner, La Fayette.
The vice-president had not been elected nor had the next meeting place been chosen at the time of going to press.

JOINT MEETING A SUCCESS.

General Approval Given.

For the first time in the history of the Carnation and Rose Societies it has been possible to hold a joint midwinter exhibition and convention and, except for the upsetting of arrangements by the cold weather, the unqualified success achieved has met with almost unanimous approval. The rose men, when the January date was chosen, felt that they were taking a serious chance of not having the stock for a really creditable showing by comparison with what the Carnation Society has been accustomed to do, but, possibly because of their doubts and the extra effort which resulted, their fears proved groundless, for the Rose Society never has made so fine a showing as it is doing at Detroit this week. The number of rose exhibits is much greater than anything in the recent history of the society and for quality of stock certainly nothing better could be asked. Of course the novelties come in for a large share of the attention, but the classes for standard varieties are well filled and the general quality of the stock is a demonstration of the splendid progress the art of rose growing has made in the last few years. The rose men are not yet ready to admit that January 10 is an ideal date for their purpose, but they smile with satisfaction when they consider that they have done better than ever before on a date not of their choosing. They express the opinion, which seems a fair view, that the joint meeting is a fine thing, and should be continued, but that a later date should be tried next time.

So good a showing has the Rose Society made that the Carnation Society was put upon its mettle to hold up its end and maintain the position it has gained through twenty years of successful midwinter shows. The powers-that-be in the Carnation Society have insisted that January is the only satisfactory date for an exhibition of the flower for which the society stands sponsor. Of course the show in progress at Detroit this week does not prove that some other date would not be just as good, for there have been other carnation meetings with more entries, but it certainly does demonstrate that no other month would bring out finer carnations. It is one of the little ironies of fate that some of those who would not consider a later month for this year's joint exhibition were the principal losers through frozen stock.

Weather Delays Opening.

The only unfavorable factor was the severely cold weather. It upset all arrangements. All trains were from three to eight hours late on Wednesday, January 10, the opening day, and hardly any of the stock was out of the boxes at the hour the exhibition had been scheduled to open. In the middle of the morning, when the completely disorganized condition of the railroad service became apparent, a hurried meeting of the managers was held and it was decided that, inasmuch as nearly everyone was late, it would be necessary to cancel the arrangement that called for judging the show at one o'clock. Instead, the carnation judges, late in the afternoon, passed privately on the exhibits which were in place, but affixed no awards, waiting to see what the later trains would add to the show. This was a departure from established methods, but was with the approval of the earliest exhibitors, who would themselves have been shut out by a strict adherence to the rules. The rose men put their judging through.

A Splendid Hall.

The Detroit Florists' Club was warmly congratulated on the arrangements for the show. Wayne Pavilion affords ample floor space, with excellent meeting room on the same floor and hotel accommodations accessible without going outdoors. The exhibition hall has glass roof and walls, affording the finest of light and ventilation. The only criticism is that it is a little off from the center of the city, which was only of importance as affecting the attendance of the public. So excellent an exhibition could not fail to attract a large attendance of flower lovers, but doubtless the crowds would have been even larger had the location been more central, though the hall is the one in which the automobile and all other big shows are held in Detroit.

Manager Wm. Dilger assigned the roses to one side of the big room, the carnations to the other, and down the center erected a white bark pergola covered with wild smilax. The sides of the hall were covered by trellises decorated with the same green, festoon-



General View of the Rose Section at the Detroit Show, January 10.

ing the business banners of some twenty-five firms. The floor, used for dancing, was covered with canvas.

The Formal Opening.

The joint convention was formally opened as per schedule, at 8 p. m., Wednesday evening, January 10, in the solarium of the Wayne hotel, with a flow of oratory commensurate with the importance and unprecedented character of the occasion. George E. Browne, president of the Detroit Florists' Club, was master of ceremonies and had on the platform with him Mayor Wm. B. Thompson, F. H. Conant, representing the Board of Commerce; Ex-Mayor Breitmeyer, J. A. Valentine, president of the Carnation Society; Hugo Schroeter, secretary of the Detroit club, and Benj. Hammond, secretary of the Rose Society, President Farenwald modestly choosing a seat in the front row of the audience. There were addresses of welcome by President Browne, Mayor Thompson, Mr. Conant and Prof. Griffith, of the Art Museum, with appropriate responses by Mr. Breitmeyer, speaking as vice-president of both the Rose and Carnation Societies; President Farenwald, of the Rose Society; President Valentine, of the Carnation Society, and Benj. Hammond, who was introduced as speaking for himself. In addition, Mrs. McGraw spoke for the Detroit branch of the National Plant, Flower and Fruit Guild, to which the exhibits are to be turned over at the close of the exhibition for free distribution among the sick and the poor of Detroit. There was a large attendance and the speechmaking was greatly enjoyed, perhaps all the more so because not one of the speakers made anything more than extemporaneous and brief remarks.

THE CARNATION SHOW.

While the quality of the carnations certainly was up to top notch, the number of flowers exhibited was less than at Pittsburgh two years ago, and possibly less than at several other previous meetings of the society. For the falling off the carnation men blamed the weather and the date, but mostly the date. They pointed out the date was not of their choosing, but merely accepted by them as the lesser of two evils; they maintained that the falling off in exhibits was further evidence that the third week in January is the one and only date for a national carnation show.

It was noted that there were more entries of Gloriosa than of any other one variety, exceeding the number of any white and far exceeding the number of entries of Enchantress. White Perfection led the whites in number of entries, but White Wonder was a close second.

Rather more than the usual number of new varieties were shown. Included were: Salmon Queen, salmon, from Traendly & Schenck; Benora, variegated, and Gorgeous, dark pink, from Peter Fisher; Brooklyn, dark pink, from Chas. Weber, and associates; Wodenethe, large white, from C. H. Totty; Wm. Eccles, scarlet, from Scott Bros.; The Herald, scarlet, from Chicago Carnation Co.; Sultana, crimson, and Rainbow, mottled, from the Wanoka Greenhouses; Delhi, scarlet, from Murphy & Skidelsky; Rosette, dark pink, from F. Dorner & Sons Co.; J. A. Valentine, flesh pink, from R. Witterstaetter; Northport, dark pink, from James Cockcroft, and a white and a mottled or overlaid one from W. N. Rudd. St. Nicholas, scarlet, from Baur & Steinkamp, arrived frozen and was not on view until a second shipment arrived.

The judges on carnations were: W. R. Nicholson, C. W. Johnson, R. Witterstaetter, E. A. Stroud, N. A. Benson and Eugene Dailledouze. Their awards were as follows:

One hundred white—C. H. Totty, first, on Wodenethe; Chicago Carnation Co., second, on White Enchantress.

One hundred flesh pink—Nic Zweifel, first, on Enchantress; F. Dorner & Sons Co., second, on Gloriosa.

One hundred light pink—Mount Greenwood Cemetery Association, first, on Mrs. Ward; C. C. Pollworth Co., second, on Mrs. Ward.

One hundred dark pink—F. Dorner & Sons Co., first, on Rosette; Chicago Carnation Co., second, on Washington.

One hundred red—Elmsford Nurseries, first, on William Eccles; C. C. Pollworth Co., second, on Beacon.

One hundred crimson—Wanoka Greenhouses, first, on Sultana.

One hundred mottled—Wanoka Greenhouses, first, on Rainbow.

Sweepstakes for best vase of 100 in above classes to C. H. Totty, on Wodenethe.

Fifty White Perfection—C. C. Pollworth Co., second; no first.

Fifty White Enchantress—E. G. Hill Co., first; W. J. & M. S. Vesey, second.

Fifty any other white—C. C. Pollworth Co., first; F. Dorner & Sons Co., second, both on White Wonder.

Fifty Enchantress—A. C. Brown, first; Chicago Carnation Co., second.

Fifty Pink Delight—S. J. Goddard, first; F. Dorner & Sons Co., second.

Fifty any other flesh pink—F. Dorner & Sons Co., first, on Gloriosa.

Fifty Winsor—A. J. Stahelin, second; no first.

Fifty any other light pink—A. J. Stahelin, first, on Winona.

Fifty Mrs. Ward—C. C. Pollworth Co., first; A. C. Brown, second.

Fifty any other dark pink—Chicago Carnation Co., first, on Washington.

Fifty Beacon—C. C. Pollworth Co., first; E. G. Hill Co., second.

Fifty Victory—Chicago Carnation Co., first; W. J. & M. S. Vesey, second.

Fifty yellow—A. C. Brown, second, on Riley; no first.

Fifty Bonfire—Chicago Carnation Co., first.

Fifty Gloriosa—S. J. Goddard, first; Chicago Carnation Co., second.

Fifty White Wonder—S. J. Goddard, first; W. J. & M. S. Vesey, second.

Fifty Princess Charming—Chicago Carnation Co., first.

Fifty Bright Spot—A. C. Brown, first.

American Carnation Society gold medal to Peter Fisher, on Gorgeous.

American Carnation Society silver medal to R. Witterstaetter, on J. A. Valentine.

American Carnation Society bronze medal to C. H. Totty, on Wodenethe.

S. A. F. silver medal to F. Dorner & Sons Co., on Rosette.

S. A. F. bronze medal to E. G. Hill Co., on No. 311.

Certificate of merit to Traendly & Schenck for Salmon Queen, an Enchantress sport.

Certificate of merit to T. F. Brown for Seedling No. 23.

Preliminary certificate to Chicago Carnation Co. for Seedling No. 225.

THE ROSE SHOW.

The exhibition of the American Rose Society was notable, perhaps, first of all for the quantity of stock staged on a January date. The rose men had expressed a fear that they could not make a first-class show at this time of year and had accepted the date only because other interests were immovable. In quantity this rose show was much the largest yet held in this country. In the second place, the show was notable for the uniform high quality of the stock. There were so many entries in most of the classes that there were not half enough prizes to go around, but the awards were well distributed—well distributed as between the various exhibitors and also well distributed as between the east and the west. It was no disgrace that several excellent growers had the misfortune not to take any prizes at all. In the third place, the show was notable for the predominance of the Killarney family. Only one vase of Bridesmaid was shown, and not one of Bride. But there were Killarneys galore—all colors. Pink, dark pink, double pink, red, white, double white and no one knows how many others! The show demonstrated how thoroughly Killarney now dominates the market.

At 5 p. m. the last of the delayed trains was in, except one bringing A. N. Pierson's Double White Killarney and Killarney Queen, and it was agreed that the judging of the regular classes should proceed, the novelty class being left open until the next day.

The judges on roses were Emil Buettner, Park Ridge, Ill.; Leo Niessen, Philadelphia, and Eber Holmes, Montrose, Mass. Their awards were as follows:

Display of cut roses covering not less than 200 square feet—A. N. Pierson, Inc., Cromwell, Conn., first; A. Farenwald, Roslyn, Pa., second; Breitmeyer Floral Co., Mt. Clemens, Mich., third. The Pierson exhibit included ten varieties and nearly 1,400 blooms.

Fifty Beauties—Bassett & Washburn, Chicago, first; Poehlmann Bros. Co., Chicago, second; Myers & Samtman, Chestnut Hill, Pa., third.

Fifty Killarney—Joseph Heacock Co., Wyncote, Pa., first; W. H. Elliott, Brighton, Mass., second.

Fifty Dark Pink Killarney—Montrose Greenhouses, Montrose, Mass., first; A. N. Pierson, second.

Fifty Double Pink Killarney—Myers & Samtman, first; Poehlmann Bros. Co., second.

Fifty White Killarney—Poehlmann Bros. Co., first; A. N. Pierson, second.



A. Farenwald's Group of Roses at the Detroit Show, January 10.



The Carnation Section of the Exhibition at Detroit, January 10.

Fifty Richmond—Poehlmann Bros. Co., first; W. H. Elliott, second.

Fifty My Maryland—A. N. Pierson, first; Myers & Samtman, second.

Fifty Mrs. Aaron Ward—Poehlmann Bros. Co., first; W. H. Elliott, second.

Fifty Lady Hillingdon—A. N. Pierson, first.

Fifty Melody—Poehlmann Bros. Co., first; Breitmeyer Floral Co., second.

Fifty Radiance—A. N. Pierson, first.

Fifty Prince de Bulgarie or Antoine Rivoire—Poehlmann Bros. Co., first; A. N. Pierson, second.

Fifty any other disseminated variety—Myers & Samtman, first, on Hilda; Breitmeyer Floral Co., second, on Canadian Queen.

Twenty-five Beauties—Poehlmann Bros. Co., first; Myers & Samtman, second; Gude Bros. Co., Washington, D. C., third.

Twenty-five Killarney—W. H. Elliott, first; Joseph Heacock Co., second.

Twenty-five Dark Pink Killarney—A. N. Pierson, first; Poehlmann Bros. Co., second.

Twenty-five Double Pink Killarney—Myers & Samtman, first; Poehlmann Bros. Co., second.

Twenty-five White Killarney—John R. Andre, Doylestown, Pa., first; Poehlmann Bros. Co., second.

Twenty-five Richmond—Poehlmann Bros. Co., first; W. H. Elliott, second.

Twenty-five My Maryland—A. N. Pierson, first; Poehlmann Bros. Co., second.

Twenty-five Bridesmaid—Bassett & Washburn, first.

Twenty-five Rhea Reid—Bassett & Washburn, second.

Twenty-five any other disseminated variety—W. H. Elliott, first, on Mrs. Waddell; A. N. Pierson, second, on Antoine Rivoire.

The delayed shipments of Double White Killarney and Killarney Queen from A. N. Pierson, Inc., and stock from Gude Bros. Co. having arrived, the judges on roses completed their work Thursday morning with the following awards:

Fifty Double White Killarney—A. N. Pierson, Inc., first.

Twenty-five Double White Killarney—A. N. Pierson, Inc., first.

Dorrance medal for collection of roses to Gude Bros. Co.

Best new roses not in commerce—E. G. Hill Co., first, on Sunburst; Stockton & Howe, Princeton, N. J., second, on Princeton.

Best display by retailers—E. A. Fetters, second; no first.

MISCELLANEOUS EXHIBITS.

There were a number of miscellaneous exhibits provided for by the Detroit Florists' Club independently of the Rose and Carnation Societies.

J. A. Peterson, Cincinnati, staged a large round table of his Glory of Cincinnati begonia, plants in small pots but carrying a profusion of large flowers. This begonia steadily is adding to the number of its friends.

Breitmeyer Floral Co. and H. Pautke exhibited fine vases of Helen Newberry, late white pompon chrysanthemum.

J. E. Matthewson, Sheboygan, Wis., staged his patented carnation support in several forms.

The American Blower Co., Detroit, showed the Detroit trap for returning to the boilers the water of condensation. The exhibit was in charge of John Morehead, the inventor of the trap.

Hubert V. Pearce, Detroit, staged the Pearce return steam trap and boiler feeder. This is a new trap, exhibited for the first time, and just coming on the market in connection with the Pearce system of greenhouse heating. It is the result of Mr. Pearce's experience as a grower and he had a constant and always interested audience to listen to his explanations and witness his demonstrations.

C. C. Pollworth Co., Milwaukee, Wis., showed the Common Sense carnation support.

John Lewis Childs, Flowerfield, N. Y., showed the new yellow calla, Elliottiana.

AMERICAN CARNATION SOCIETY.

Thursday's Session.

The carnation society put through its routine business in record time Thursday morning. The session opened with the reading of the annual address of President Valentine, which was referred to a committee consisting of Peter Fisher, Richard Witterstaetter and Eugene Dailledouze. The reports of Secretary Baur and Treasurer Dorner were received and ordered audited. The nomenclature committee reported on the year's registration, which now is in coöperation with the English carnation society.

The secretary reported on the Dorner memorial fund, which has reached $450 by popular subscription, and the officers were authorized to accept special subscriptions to bring the fund to $1,000, the interest to be used for an annual memorial medal.

The by-laws were amended to permit the reinstatement of delinquent members on payment of $5.

Officers were nominated as follows:

President—Philip Breitmeyer, Detroit.

Secretary—A. F. J. Baur, Indianapolis.

Treasurer—F. E. Dorner, La Fayette.

Judges—R. Witterstaetter, to succeed himself; Peter Olsem, to succeed Joseph Hill.

Director—Peter Fisher, to succeed W. W. Gammage.

Nomination of vice-president was postponed until after selection of next meeting place.

H. B. Dorner read a paper on "The

ing the business banners of some twenty-five firms. The floor, used for dancing, was covered with canvas.

The Formal Opening.

The joint convention was formally opened as per schedule, at 8 p. m., Wednesday evening, January 10, in the solarium of the Wayne hotel, with a flow of oratory commensurate with the importance and unprecedented character of the occasion. George E. Browne, president of the Detroit Florists' Club, was master of ceremonies and had on the platform with him Mayor Wm. B. Thompson, F. H. Conant, representing the Board of Commerce; Ex-Mayor Breitmeyer, J. A. Valentine, president of the Carnation Society; Hugo Schroeter, secretary of the Detroit club, and Benj. Hammond, secretary of the Rose Society, President Farenwald modestly choosing a seat in the front row of the audience. There were addresses of welcome by President Browne, Mayor Thompson, Mr. Conant and Prof. Griffith, of the Art Museum, with appropriate responses by Mr. Breitmeyer, speaking as vice-president of both the Rose and Carnation Societies; President Farenwald, of the Rose Society; President Valentine, of the Carnation Society, and Benj. Hammond, who was introduced as speaking for himself. In addition, Mrs. McGraw spoke for the Detroit branch of the National Plant, Flower and Fruit Guild, to which the exhibits are to be turned over at the close of the exhibition for free distribution among the sick and the poor of Detroit. There was a large attendance and the speechmaking was greatly enjoyed, perhaps all the more so because not one of the speakers made anything more than extemporaneous and brief remarks.

THE CARNATION SHOW.

While the quality of the carnations certainly was up to top notch, the number of flowers exhibited was less than at Pittsburgh two years ago, and possibly less than at several other previous meetings of the society. For the falling off the carnation men blamed the weather and the date, but mostly the date. They pointed out the date was not of their choosing, but merely accepted by them as the lesser of two evils; they maintained that the falling off in exhibits was further evidence that the third week in January is the one and only date for a national carnation show.

It was noted that there were more entries of Gloriosa than of any other one variety, exceeding the number of any white and far exceeding the number of entries of Enchantress. White Perfection led the whites in number of entries, but White Wonder was a close second.

Rather more than the usual number of new varieties were shown. Included were: Salmon Queen, salmon, from Traendly & Schenck; Benora, variegated, and Gorgeous, dark pink, from Peter Fisher; Brooklyn, dark pink, from Chas. Weber, and associates; Wodenethe, large white, from C. H. Totty; Wm. Eccles, scarlet, from Scott Bros.; The Herald, scarlet, from Chicago Carnation Co.; Sultana, crimson, and Rainbow, mottled, from the Wanoka Greenhouses; Delhi, scarlet, from Murphy & Skidelsky; Rosette, dark pink, from F. Dorner & Sons Co.; J. A. Valentine, flesh pink, from R. Witterstaetter; Northport, dark pink, from James Cockcroft, and a white and a mottled or overlaid one from W. N. Rudd. St. Nicholas, scarlet, from Baur & Steinkamp, arrived frozen and was not on view until a second shipment arrived.

The judges on carnations were: W. R. Nicholson, C. W. Johnson, R. Witterstaetter, E. A. Stroud, N. A. Benson and Eugene Dailledouze. Their awards were as follows:

One hundred white—C. H. Totty, first, on Wodenethe; Chicago Carnation Co., second, on White Enchantress.

One hundred flesh pink—Nic Zweifel, first, on Enchantress; F. Dorner & Sons Co., second, on Gloriosa.

One hundred light pink—Mount Greenwood Cemetery Association, first, on Mrs. Ward; C. C. Pollworth Co., second, on Mrs. Ward.

One hundred dark pink—F. Dorner & Sons Co., first, on Rosette; Chicago Carnation Co., second, on Washington.

One hundred red—Elmsford Nurseries, first, on William Eccles; C. C. Pollworth Co., second, on Beacon.

One hundred crimson—Wanoka Greenhouses, first, on Sultana.

One hundred mottled—Wanoka Greenhouses, first, on Rainbow.

Sweepstakes for best vase of 100 in above classes to C. H. Totty, on Wodenethe.

Fifty White Perfection—C. C. Pollworth Co., second; no first.

Fifty White Enchantress—E. G. Hill Co., first; W. J. & M. S. Vesey, second.

Fifty any other white—C. C. Pollworth Co., first; F. Dorner & Sons Co., second, both on White Wonder.

Fifty Enchantress—A. C. Brown, first; Chicago Carnation Co., second.

Fifty Pink Delight—S. J. Goddard, first; F. Dorner & Sons Co., second.

Fifty any other flesh pink—F. Dorner & Sons Co., first, on Gloriosa.

Fifty Winsor—A. J. Stahelin, second; no first.

Fifty any other light pink—A. J. Stahelin, first, on Winona.

Fifty Mrs. Ward—C. C. Pollworth Co., first; A. C. Brown, second.

Fifty any other dark pink—Chicago Carnation Co., first, on Washington.

Fifty Beacon—C. C. Pollworth Co., first; E. G. Hill Co., second.

Fifty Victory—Chicago Carnation Co., first; W. J. & M. S. Vesey, second.

Fifty yellow—A. C. Brown, second, on Riley; no first.

Fifty Bonfire—Chicago Carnation Co., first.

Fifty Gloriosa—S. J. Goddard, first; Chicago Carnation Co., second.

Fifty White Wonder—S. J. Goddard, first; W. J. & M. S. Vesey, second.

Fifty Princess Charming—Chicago Carnation Co., first.

Fifty Bright Spot—A. C. Brown, first.

American Carnation Society gold medal to Peter Fisher, on Gorgeous.

American Carnation Society silver medal to R. Witterstaetter, on J. A. Valentine.

American Carnation Society bronze medal to C. H. Totty, on Wodenethe.

S. A. F. silver medal to F. Dorner & Sons Co., on Rosette.

S. A. F. bronze medal to E. G. Hill Co., on No. 311.

Certificate of merit to Traendly & Schenck for Salmon Queen, an Enchantress sport.

Certificate of merit to T. F. Brown for Seedling No. 23.

Preliminary certificate to Chicago Carnation Co. for Seedling No. 225.

THE ROSE SHOW.

The exhibition of the American Rose Society was notable, perhaps, first of all for the quantity of stock staged on a January date. The rose men had expressed a fear that they could not make a first-class show at this time of year and had accepted the date only because other interests were immovable. In quantity this rose show was much the largest yet held in this country. In the second place, the show was notable for the uniform high quality of the stock. There were so many entries in most of the classes that there were not half enough prizes to go around, but the awards were well distributed—well distributed as between the various exhibitors and also well distributed as between the east and the west. It was no disgrace that several excellent growers had the misfortune not to take any prizes at all. In the third place, the show was notable for the predominance of the Killarney family. Only one vase of Bridesmaid was shown, and not one of Bride. But there were Killarneys galore—all colors. Pink, dark pink, double pink, red, white, double white and no one knows how many others! The show demonstrated how thoroughly Killarney now dominates the market.

At 5 p. m. the last of the delayed trains was in, except one bringing A. N. Pierson's Double White Killarney and Killarney Queen, and it was agreed that the judging of the regular classes should proceed, the novelty class being left open until the next day.

The judges on roses were Emil Buettner, Park Ridge, Ill.; Leo Niessen, Philadelphia, and Eber Holmes, Montrose, Mass. Their awards were as follows:

Display of cut roses covering not less than 200 square feet—A. N. Pierson, Inc., Cromwell, Conn., first; A. Farenwald, Roslyn, Pa., second; Breitmeyer Floral Co., Mt. Clemens, Mich., third. The Pierson exhibit included ten varieties and nearly 1,400 blooms.

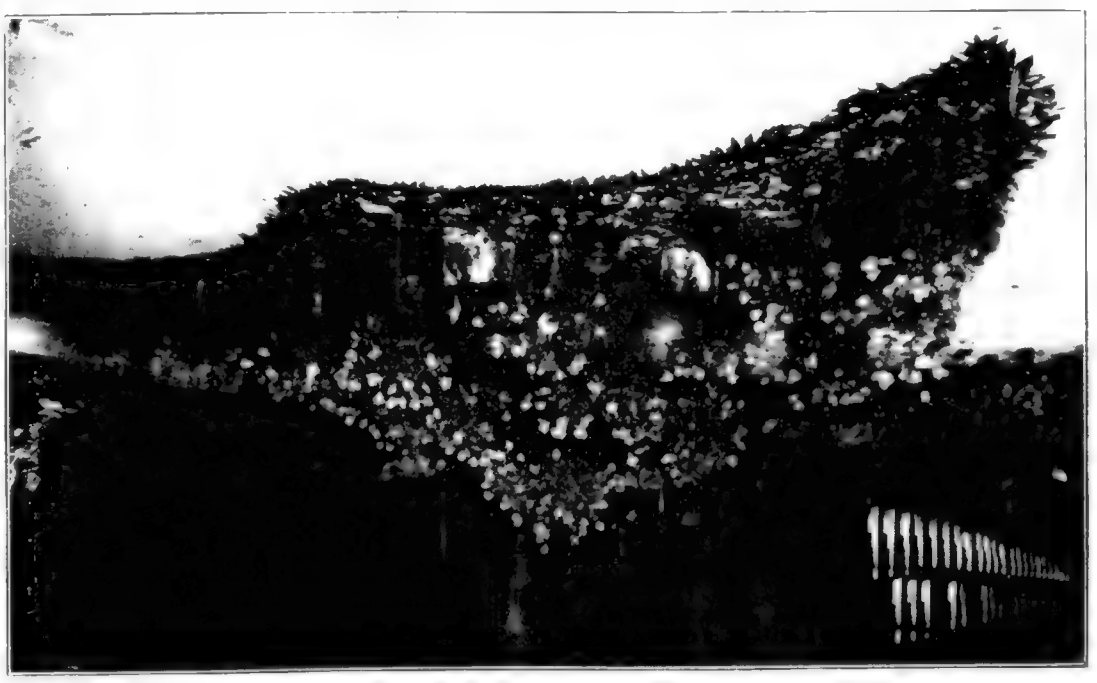
Fifty Beauties—Bassett & Washburn, Chicago, first; Poehlmann Bros. Co., Chicago, second; Myers & Samtman, Chestnut Hill, Pa., third.

Fifty Killarney—Joseph Heacock Co., Wyncote, Pa., first; W. H. Elliott, Brighton, Mass., second.

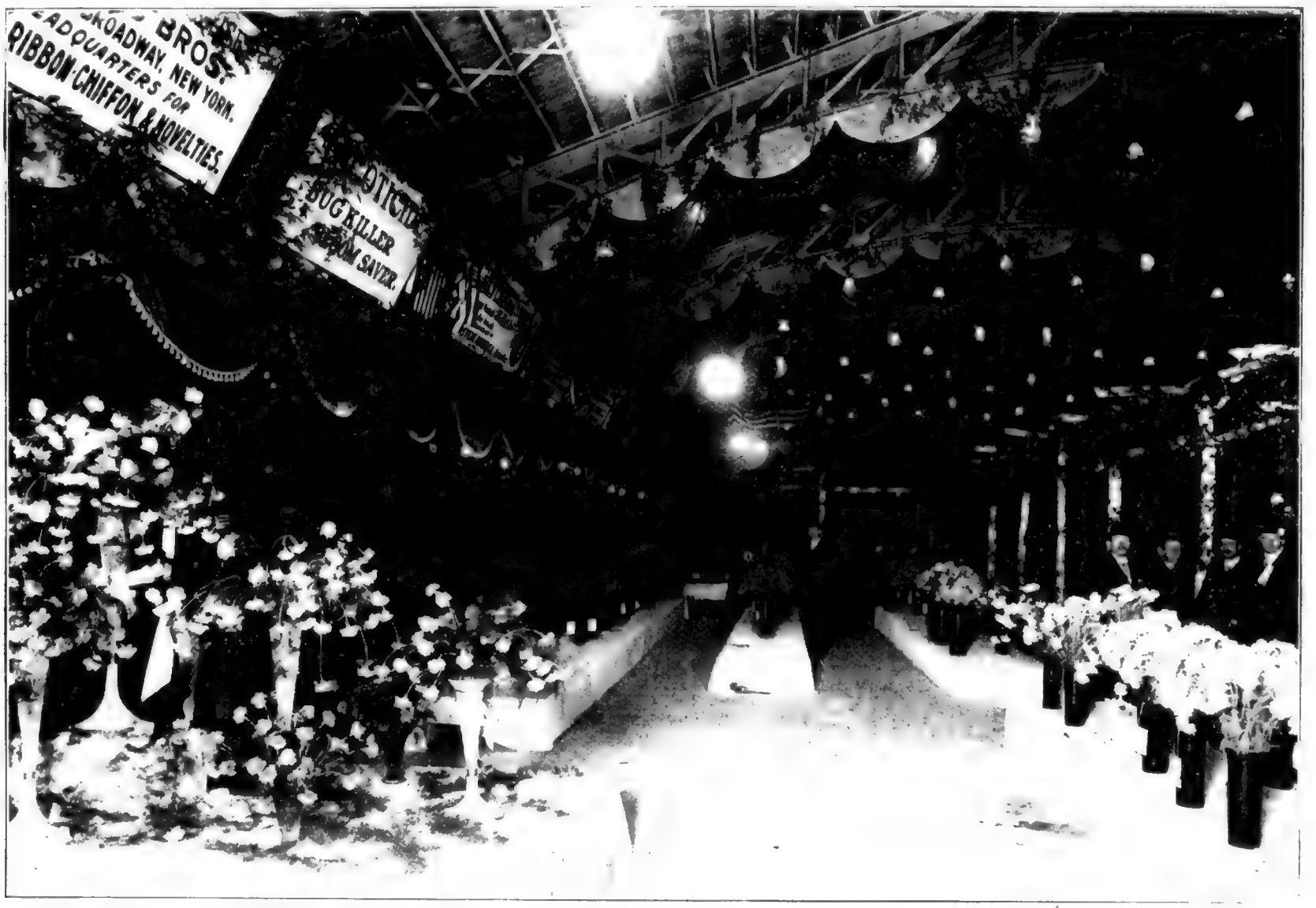
Fifty Dark Pink Killarney—Montrose Greenhouses, Montrose, Mass., first; A. N. Pierson, second.

Fifty Double Pink Killarney—Myers & Samtman, first; Poehlmann Bros. Co., second.

Fifty White Killarney—Poehlmann Bros. Co., first; A. N. Pierson, second.



A. Farenwald's Group of Roses at the Detroit Show, January 10.



The Carnation Section of the Exhibition at Detroit, January 10.

Fifty Richmond—Poehlmann Bros. Co., first; W. H. Elliott, second.

Fifty My Maryland—A. N. Pierson, first; Myers & Samtman, second.

Fifty Mrs. Aaron Ward—Poehlmann Bros. Co., first; W. H. Elliott, second.

Fifty Lady Hillingdon—A. N. Pierson, first.

Fifty Melody—Poehlmann Bros. Co., first; Breitmeyer Floral Co., second.

Fifty Radiance—A. N. Pierson, first.

Fifty Prince de Bulgarie or Antoine Rivoire—Poehlmann Bros. Co., first; A. N. Pierson, second.

Fifty any other disseminated variety—Myers & Samtman, first, on Hilda; Breitmeyer Floral Co., second, on Canadian Queen.

Twenty-five Beauties—Poehlmann Bros. Co., first; Myers & Samtman, second; Gude Bros. Co., Washington, D. C., third.

Twenty-five Killarney—W. H. Elliott, first; Joseph Heacock Co., second.

Twenty-five Dark Pink Killarney—A. N. Pierson, first; Poehlmann Bros. Co., second.

Twenty-five Double Pink Killarney—Myers & Samtman, first; Poehlmann Bros. Co., second.

Twenty-five White Killarney—John R. Andre, Doylestown, Pa., first; Poehlmann Bros. Co., second.

Twenty-five Richmond—Poehlmann Bros. Co., first; W. H. Elliott, second.

Twenty-five My Maryland—A. N. Pierson, first; Poehlmann Bros. Co., second.

Twenty-five Bridesmaid Bassett & Washburn, first.

Twenty-five Rhea Reid Bassett & Washburn, second.

Twenty-five any other disseminated variety—W. H. Elliott, first, on Mrs. Waddell; A. N. Pierson, second, on Antoine Rivoire.

The delayed shipments of Double White Killarney and Killarney Queen from A. N. Pierson, Inc., and stock from Gude Bros. Co. having arrived, the judges on roses completed their work Thursday morning with the following awards:

Fifty Double White Killarney—A. N. Pierson, Inc., first.

Twenty-five Double White Killarney—A. N. Pierson, Inc., first.

Dorrance medal for collection of roses to Gude Bros. Co.

Best new roses not in commerce—E. G. Hill Co., first, on Sunburst; Stockton & Howe, Princeton, N. J., second, on Princeton.

Best display by retailers E. A. Fetters, second; no first.

MISCELLANEOUS EXHIBITS.

There were a number of miscellaneous exhibits provided for by the Detroit Florists' Club independently of the Rose and Carnation Societies.

J. A. Peterson, Cincinnati, staged a large round table of his Glory of Cincinnati begonia, plants in small pots but carrying a profusion of large flowers. This begonia steadily is adding to the number of its friends.

Breitmeyer Floral Co. and H. Pautke exhibited fine vases of Helen Newberry, late white pompon chrysanthemum.

J. E. Matthewson, Sheboygan, Wis., staged his patented carnation support in several forms.

The American Blower Co., Detroit, showed the Detroit trap for returning to the boilers the water of condensation. The exhibit was in charge of John Morehead, the inventor of the trap.

Hubert V. Pearce, Detroit, staged the Pearce return steam trap and boiler feeder. This is a new trap, exhibited for the first time, and just coming on the market in connection with the Pearce system of greenhouse heating. It is the result of Mr. Pearce's experience as a grower and he had a constant and always interested audience to listen to his explanations and witness his demonstrations.

C. C. Pollworth Co., Milwaukee, Wis., showed the Common Sense carnation support.

John Lewis Childs, Flowerfield, N. Y., showed the new yellow calla, Elliottiana.

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Judges—R. Witterstaetter, to succeed himself; Peter Olsem, to succeed Joseph Hill.

Director—Peter Fisher, to succeed W. W. Gammage.

Nomination of vice president was postponed until after selection of next meeting place.

H. B. Dorner read a paper on "The

Work and Hybridizing Methods of the Late Fred Dorner."

A letter was read from Ex-president W. M. Nicholson, whose illness prevented his attendance for the first time in many years. The secretary was instructed to wire a suitable expression of sympathy.

Hugo Schroeter's paper was read and closing business was transacted at a session Friday morning.

AMERICAN ROSE SOCIETY.

Thursday's Session.

The business session of the Rose Society was held at Wayne Gardens, Detroit, Thursday afternoon and evening, opening with the reading of President Farenwald's address. The reports of Secretary Hammond and Treasurer May were presented.

C. H. Totty, chairman of the National Flower Show committee, invited the society to meet at New York in April, 1913, combining with the National Flower Show. On motion of W. R. Pierson, the executive committee was authorized to accept the invitation, provided the terms offered by the National Flower Show committee are satisfactory. An immediate conference resulted in an agreement between the respective committees. The National Flower Show committee agrees to offer $2,000 for roses.

Officers were elected as follows:

President, A. Farenwald, Roslyn, Pa.

Vice-president, Frank H. Traendly, New York city.

Secretary, Benj. Hammond, Fishkill, N. Y.

Treasurer, Harry O. May, Summit, N. J.

Executive committee, F. R. Pierson, to succeed Peter Bisset; Robert Simpson, to succeed W. F. Kasting.

On motion of W. G. McKendrick, an amateur member, the executive committee was instructed to publish a quarterly bulletin for amateurs during 1912. Mr. McKendrick, W. H. Elliott, A. N. Pierson, John M. Good and Conard & Jones Co. each guaranteed $100 toward the cost of the bulletin.

A paper, "Roses in the Middle West," by Irwin Bertermann, was read by the secretary.

At an evening session a stereopticon lecture was given by Robert Pyle on "A Rosarian's Notes of Roses Made During a European Trip."

SOCIETY OF AMERICAN FLORISTS.

A meeting of the board of directors of the S. A. F. was held at Detroit, January 11, President Vincent occupying the chair and Secretary Young taking over the records from his predecessor, Mr. Dorner.

The status of the National Flower Show committee was defined and its work confirmed. The directors passed upon plans for the Chicago convention next August, including the leasing of the Coliseum for the trade exhibition. Many routine matters were disposed of. There was an almost full attendance of the board.

Pittsfield, Me.—A. J. Loder, who has a prosperous business here, with a branch store at Bangor, is installing a new boiler at his greenhouses on Lancy street. He is also completing arrangements for the erection of another greenhouse in the early spring.

LOCAL HOSPITALITY.

Thursday afternoon A. J. Stahelin provided a special car for a party to inspect his movable greenhouses at Redfield.

Thursday evening the Detroit Florists' Club gave a smoker at the Hotel Cadillac.

LADIES' ENTERTAINMENT.

Mrs. C. H. Maynard, of Detroit, who is widely known in the trade through her years of service as secretary of the Ladies' S. A. F., took charge of the entertainment of the ladies who attended this week's convention at Detroit. She called to her assistance Mrs. E. A. Fetters, Mrs. Wm. Dilger, Mrs. E. A. Scribner, Mrs. M. Bloy and Mrs. H. G. Smith, two of these ladies being constantly on hand to see that the visiting ladies were looked after.

Thursday evening a theater party was given for the visiting ladies, in charge of Mrs. Philip Breitmeyer, Mrs. Frank Danzer, Mrs. Fred Breitmeyer, Mrs. Robert Rahaley and Miss Irene Sullivan.

Friday afternoon tea was served at the home of Mrs. E. A. Fetters, Mrs. Maynard and several other Detroit ladies assisting the hostess in receiving.

THOSE PRESENT.

Among those noted as present at the Rose and Carnation meetings at Detroit this week were:

A.

Andre, John, Doylestown, Pa.
Asmus, George, Chicago, Ill.

B.

Bahr, Fritz, Highland Park, Ill.
Bahr, Mrs. Fritz, Highland Park, Ill.
Barker, Albert, Cleveland, O.
Barker, M., Chicago, Ill.
Bate, G., Cleveland, O.
Bate, H., Cleveland, O.
Baur, A. F. J., Indianapolis, Ind.
Benson, Andrew, Hinsdale, Ill.
Benson, N. A., Denver, Colo.
Berger, John, Philadelphia, Pa.
Berno, L. E., Mansfield, O.
Bertermann, John, Indianapolis, Ind.
Beuerlein, Peter, Elmhurst, N. Y.
Bissinger, J. A., Lansing, Mich.
Boehler, Oscar, West Hoboken, N. J.
Brown, A. C., Springfield, Ill.
Brown, H. F., Syracuse, N. Y.
Buettner, Emil, Park Ridge, Ill.
Bunyard, H. A., New York, N. Y.

C.

Coddington, L. B., Murray Hill, N. J.
Cowgill, J. K., Canton, O.
Cowgill, V. A., Salem, O.
Craig, W. P., Philadelphia, Pa.
Critchell, C. E., Cincinnati, O.

D.

Dailledouze, Eugene, Flatbush, N. Y.
Dale, E. D., Brampton, Ont.
Darnell, L. F., Cleveland, O.
Dilloff, Julius, New York, N. Y.
Dorner, F. E., La Fayette, Ind.
Dorner, H. B., Urbana, Ill.
Dudley, C. P., Parkersburg, W. Va.

E.

Ellis, R. H., Leamington, Ont.
Elliott, W. H., Brighton, Mass.

F.

Fancourt, E. J., Philadelphia, Pa.
Farenwald, A., Philadelphia, Pa.
Farenwald, Jr., A., Morton Grove, Ill.
Fisher, Peter, Ellis, Mass.
Flick, C. B., Fort Wayne, Ind.
Foley, P. J., Chicago, Ill.
Fotheringham, J. R., Tarrytown, N. Y.
Frank, C. L., Portland, Ind.
Frey, Alois, Crown Point, Ind.
Friedley, F. A., Cleveland, O.

G.

Gallagher, Tony, Springfield, O.
Gammage, W. W., London, Ont.
Glauber, Emil, Denver, Colo.
Goddard, S. J., Framingham, Mass.
Good, F. E., Springfield, O.
Good, J. M., Springfield, O.
Grassl, O., Barneveld, N. Y.
Grimes, W. H., Denver, Colo.
Gross, C. L., Denver, Colo.
Gude, W. F., Washington, D. C.

H.

Hammond, B., Fishkill, N. Y.
Hammond, Miss E., Fishkill, N. Y.
Heacock, Jos., Philadelphia, Pa.
Henderson, A., Chicago, Ill.
Hendrickson, I. S., Flowerfield, N. Y.
Herr, A. M., Lancaster, Pa.
Holmes, E., Montrose, Mass.
Howard, H. B., Chicago, Ill.
Howard, Ray, Milford, Mass.
Howard, W. D., Milford, Mass.
Hunkel, H. V., Milwaukee, Wis.

I.

Irwin, R. J., New York, N. Y.

J.

Johnson, C. W., Morgan Park, Ill.
Jones, J., Richmond, Ind.

K.

Karlstrom, R., Rutherford, N. J.
Kasting, W. F., Buffalo, N. Y.
Keimel, W. J., Elmhurst, Ill.
Kidder, H. E., Ionia, Mich.
Kirchner, T. J., Cleveland, O.



A Corner of the Rose Section at the Detroit Show, January 10.



A. N. Pierson's Group of 1400 Cut Roses at Detroit, January 10.

Knoble, H. P., Cleveland, O.
Kurowski, E. F., Chicago, Ill.

L.

Lamborn, L. L., Alliance, O.
Lautenschlager, Fred, Chicago, Ill.
Lawrence, W. J., Toronto, Ont.
Leuly, E., Weehawken, N. J.

M.

Mann, E. H., Richmond, Ind.
Margolis, Jos., Boston, Mass.
Martin, W., Portland, Ore.
Matthewson, J. E., Sheboygan, Wis.
Maynard, B. J., Chicago, Ill.
Merkle, Wm., Mentor, O.
Miller, A., Chicago, Ill.
Murphy, R. H., Urbana, O.
Murphy, Wm., Cincinnati, O.
Muston, Walter, Toronto, Ont.
Myers, Jos. S., Chestnut Hill, Pa.

N.

Nicholson, H. H., Barneveld, N. Y.
Nicholson, Wm. R., Framingham, Mass.
Niessen, Leo, Philadelphia, Pa.

O.

Oehmler, O. A. C., Washington, D. C.
Olsem, P., Joliet, Ill.

P.

Palmer, W. J., Buffalo, N. Y.
Parker, H. W., Fremont, Mich.
Patten, M. A., Tewksbury, Mass.
Peirce, E. Allan, Waltham, Mass.
Penn, Wm., Boston, Mass.
Penn, Mrs. Wm., Boston, Mass.
Pennock, S. S., Philadelphia, Pa.
Pepper, J. H., New York, N. Y.
Peterson, A., Hoopeston, Ill.
Peterson, Clarence, Cincinnati, O.
Peterson, J. A., Cincinnati, O.
Peterson, Mrs. J. A., Cincinnati, O.
Philpott, H. E., Winnipeg, Man.
Pierson, F. R., Tarrytown, N. Y.
Pierson, W. R., Cromwell, Conn.
Poehlmann, Adolph, Chicago, Ill.
Poehlmann, August, Chicago, Ill.
Pollworth, C. C., Milwaukee, Wis.
Pyfer, A. T., Chicago, Ill.
Pyle, Robert, West Grove, Pa.

R.

Reuter, L. J., Westerly, R. I.
Rock, W. L., Kansas City, Mo.
Rosnosky, I., Philadelphia, Pa.
Rudd, W. N., Morgan Park, Ill.

S.

Samtman, Martin, Chestnut Hill, Pa.
Scott, C. W., New York, N. Y.
Scott, J. T., Elmsford, N. Y.
Sellgmann, Sam, New York, N. Y.
Simpson, Robt., Clifton, N. Y.
Skidelsky, S. S., Philadelphia, Pa.
Smith, H. E., Danville, Ill.
Smith, Timothy, Cleveland, O.
Stewart, W. J., Boston, Mass.
Stroud, E. A., Overbrook, Pa.
Strout, Chas., Biddeford, Me.

T.

Taylor, E. J., Greens Farms, Conn.
Totty, C. H., Madison, N. J.
Traendly, F. H., New York, N. Y.

V.

Valentine, J. A., Denver, Colo.
Vesey, Jr., W. J., Fort Wayne, Ind.
Vincent, Jr., R., White Marsh, Md.
Vincent, Jr., Mrs. R., White Marsh, Md.

W.

Walker, John, Youngstown, O.
Washburn, C. L., Chicago, Ill.
Washburn, E. B., Chicago, Ill.
Welch, Patrick, Boston, Mass.
Whitney, F. E., Fishkill, N. Y.
Weir, J. E., Brooklyn, N. Y.
Witterstaetter, R., Cincinnati, O.
Woodyard, R. S., Chicago, Ill.

Y.

Young, John, New York, N. Y.

Z.

Zweifel, N., Milwaukee, Wis.

AMERICAN CARNATION SOCIETY.

The American Carnation Society was organized at Philadelphia, October 15, 1891, and has the following roll of ex-presidents:

Edwin Lonsdale, 1891-3	C. W. Ward, 1903
E. G. Hill, 1894	Geo. A. Rackham, 1904
E. Dailledouze, 1895	James Hartshorne, 1905
Fred Dorner, 1896	Peter Fisher, 1906
H. L. Sunderbruch, 1897	John H. Dunlop, 1907
W. N. Rudd, 1898.	Fred H. Lemon, 1908
Wm. Nicholson, 1899	M. A. Patten, 1909
W. F. Craig, 1900	Albert M. Herr, 1910
Robt. Halliday, 1901	Fred Burki, 1911
W. G. Bertermann, 1902	

The officers for 1911-12 are:

President—J. A. Valentine, Denver, Colo.

Vice-President — Philip Breitmeyer, Detroit, Mich.

Secretary—A. F. J. Baur, Indianapolis, Ind.

Treasurer—F. E. Dorner, Lafayette, Ind.

Directors—Eug. Dailledouze, Flatbush, N. Y.; F. R. Pierson, Tarrytown, N. Y.; J. S. Wilson, Des Moines, Iowa; Wm. Gammage, London, Ont.; F. Burki, Gibsonia, Pa.

Judges—Wm. Nicholson, Framingham, Mass.; C. W. Johnson, Morgan Park, Ill.; R. Witterstaetter, Cincinnati, O.; E. A. Stroud, Strafford, Pa.; Eug. Dailledouze, Brooklyn, N. Y.; Jos. H. Hill, Richmond, Ind.

A. C. S. SECRETARY'S REPORT.

[The following is the report of Secretary A. F. J. Baur, read before the American Carnation Society, in convention at Detroit, January 10, 11 and 12, 1912.]

Your secretary would respectfully submit the following report on the past year's work. The last convention having been held late in March, this report in some respects really covers not quite ten months.

The routine work connected with the office was gotten out in its regular order. Getting out the annual report, and collecting the dues, was attended to as is customary. We have made a special effort to collect the annual dues, but, in spite of our efforts, there are many who have not paid their dues for the current year. Out of a membership of 347, sixty-six have failed to pay their dues for 1911. Besides these, there are forty-four who are delinquent for 1909 and will be dropped from the roll. Six additional ones have sent in their resignations. Hence our membership, instead of increasing, has decreased during the past year. Forty-four new names were added during the year.

One of our members was called from our very midst during the year. John Birnie, of Hoboken, N. J., died of heart failure while attending the S. A. F. convention at Baltimore in August.

The society button is meeting with fair success. Over 100 members have supplied themselves with them. To make it a complete success, every member should have one and wear it wherever he goes.

An invitation was received from the National Conservation Association for this society to send five delegates to

the congress which was held in Kansas City, August 25 to 28. The president appointed as delegates W. L. Rock and Samuel Murray, of Kansas City, J. F. Wilcox, of Council Bluffs, and Fred Meinhardt, of St. Louis. A report will be made by these gentlemen at this meeting.

In compliance with instructions given at the Boston meeting, the secretary addressed a letter to the members of this society, asking for contributions to the Frederick Dorner memorial fund. This letter was followed up with two additional ones, urging a general response. The funds which were thus collected were turned over to our treasurer, who put them on interest as they were turned over to him. A detailed report will be made at this meeting.

The joint meeting and exhibition of our society and the rose society, which are now in progress, were arranged for an experiment. Whether you wish to continue these joint exhibitions in the future, will be for you to decide. An admission fee is being charged at the door of the exhibition. This society shares in these receipts to the extent of twenty-five per cent of the gross receipts.

The premium schedule was gotten out at the usual period preceding the exhibition. Our friends have favored us with a generous lot of advertising, some twenty-three pages being taken. This will pay for the printing and leave a considerable balance for the treasury.

No meeting was held by the board of directors at Baltimore last August, as there were not enough present for a quorum. An informal meeting was held with some of the rose society members, in which the plans for the joint meeting were discussed, but no action could be taken on any of the questions discussed.

To the trade press is due our thanks for publishing gratuitously our registrations and other matters. To the men of Detroit credit is also due for the manner in which the exhibition is staged. To them we recommend a vote of thanks.

A. C. S. TREASURER'S REPORT.

Treasurer F. E. Dorner, of the American Carnation Society, presented the following report at the convention of the society in Detroit, January 10 to 12, 1912:

REPORT TO JANUARY 10, 1912.

	Expenses.		
Paid by voucher		$1,268.84	
Balance cash on hand		416.62	
			$1,685.46
	Receipts.		
Mar. 24, 1911.	Cash on hand	$1,107.47	
	From A. F. J. Baur, sec'y.	577.99	
			1,685.46
	Permanent Fund.		
Mar. 24, 1911.	Cash balance	$2,475.31	
	Life membership	50.00	
			2,525.31
	Dorner Memorial Fund.		
Cash from A. F. J. Baur, sec'y			437.00
Interest			7.04
			$444.04

AMERICAN ROSE SOCIETY.

The American Rose Society was organized at New York city March 13, 1899, and has the following roll of ex-presidents:

W. C. Barry, 1899	Robt. Simpson, 1906-7
Benj. Dorrance, 1890	A. F. Poehlmann, 1908-9
F. R. Newbold, 1901-3	W. H. Elliott, 1910
Alex. Montgomery, 1904-5	

The officers for 1911-12 are as follows:

President—Adolph Farenwald, Roslyn, Pa.

Vice-President — Philip Breitmeyer, Detroit, Mich.

Treasurer—Harry O. May, Summit, N. J.

Secretary—Benjamin Hammond, Fishkill-on-Hudson, N. Y.

Executive Committee—August F. Poehlmann, Morton Grove, Ill.; J. A. Valentine, Denver, Colo.; Eber Holmes, Montrose, Mass.; Peter Bisset, Washington, D. C.; Wallace R. Pierson, Cromwell, Conn.; Wm. F. Kasting, Buffalo, N. Y.

A. R. S. SECRETARY'S REPORT.

[The following is the report of Secretary Benjamin Hammond, read before the American Rose Society, in convention at Detroit, January 10 to 12, 1912.]

The American Rose Society brings to the eyes of the people of Detroit some of the choicest productions of the rose which can be grown under glass. Though this early season precludes the exhibition of pot plants, nevertheless the spirit of the brightest of flowers is here to stimulate the spirit of mankind, which admires beauty wherever it may be seen; and in this city of homes and enterprise, by the side of our greatest highway of the inland seas, as the national society of America we pay our respects, in the hope of encouraging extended interest in things choice, chaste and beautiful.

The American Rose Society has prospered during the past year. Addition has been made to its permanent fund and the members have paid dues; this means stability. But, to the mind of the secretary, there are two classes which should be in greater numbers among our membership—the growers of rose plants and the amateurs. The first should see the advantage and the second needs a little encouragement to feel in touch.

After five years' experience as secretary, I emphasize again the recommendation made by several members at the meeting held in Washington—the issuing of a special quarterly bulletin to amateur members. This would keep them in touch with us and they would feel that they were being looked after. This cannot be done without some expense. The suggestion was in a measure worked out, but when reported at the Chicago meeting it was thought better to do another way. This other way, however, did not materialize. So we have only one way to reach the multitude, and that is the annual bulletin, which seems to be appreciated. The able papers presented year by year are thus made matters of permanent record, and so far these papers have been of real interest to rose growers and admirers of the rose, and the commercial value of rose growing depends upon the admiration of the flower by the people,

At the Boston meeting a suggestion was made concerning a rule of measurement of stems as a means to regulate understandingly the value of various grades of roses in the market.

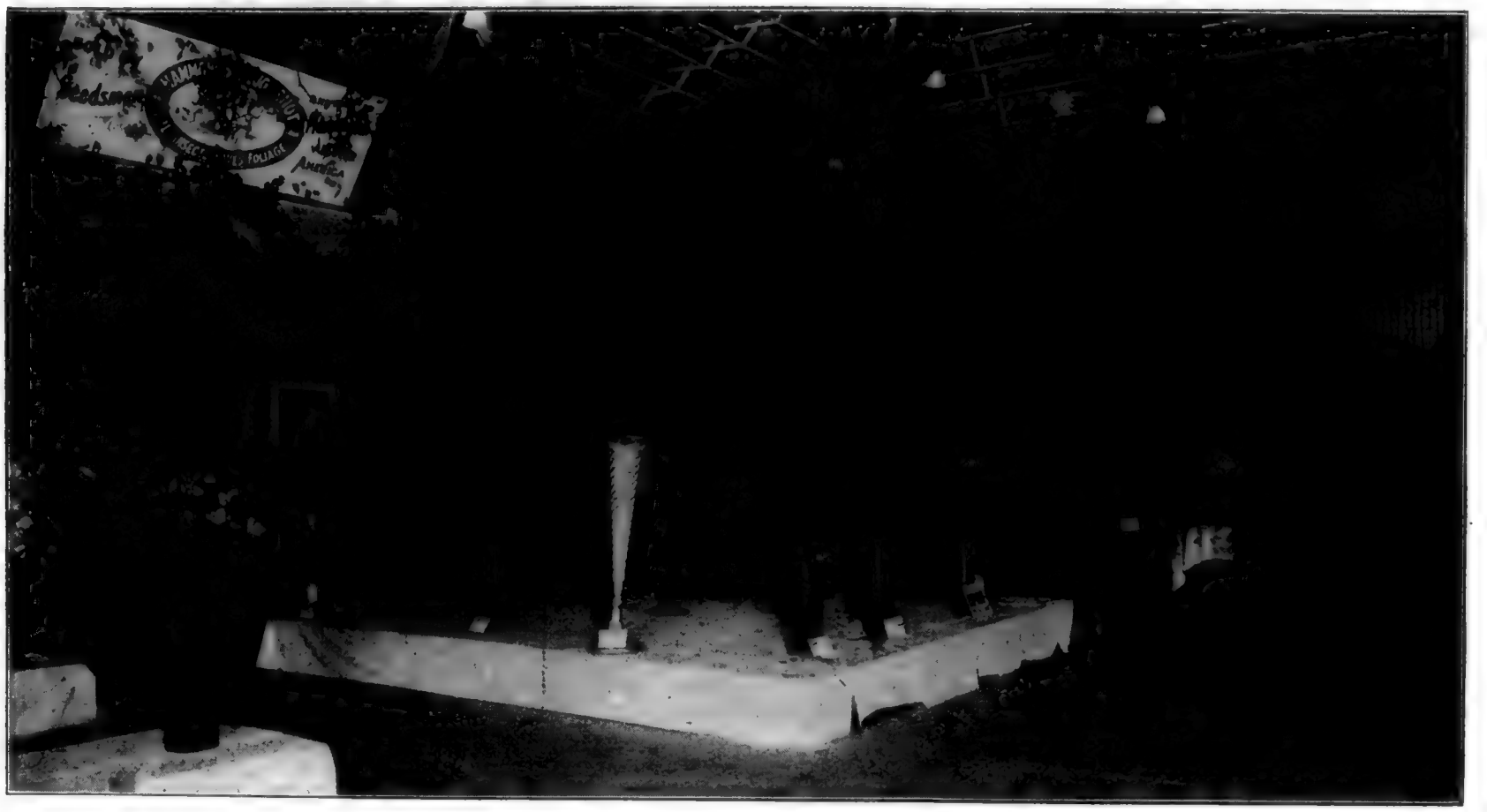
During the year the second gold medal was issued, and awarded to M. H. Walsh, of Woods Hole, in recognition of the eminent service rendered by him in the hybridizing of the Wichuraiana class of roses. Silver medals were sent to Robert Scott & Son, of Sharon Hill, Pa.; to S. J. Reuter & Son, Inc., Westerly, R. I., and to Waban Rose Conservatories, Natick, Mass. One silver and one bronze medal were sent to the Minnesota State Rose Society, one silver medal to the Annandale rose meeting, Annandale, N. Y., and two bronze medals for rose gardens made and tended by a school girl and boy at Fishkill-on-Hudson, N. Y.

There is another matter which seems to me to be of prime importance for the American Rose Society to take up and act upon as a part of its permanent work. Is there anywhere a full list of the names and varieties of roses originated in America? Such a record should be made and, when a new rose is disseminated, if it were recognized by competent judgment on behalf of the American Rose Society and then recorded, this would be a safeguard against duplication and of much value to an originator.

Our society holds a permanent invested fund made by the late Mrs. Gertrude M. Hubbell, of Washington, D. C., to award each five years a valuable gold medal for the best rose of American origin. Mrs. Frances Roche, of Newport, R. I., has placed at the disposal of the society a prize of $50 for the best yellow rose, to resemble in color the Marechal Niel, but with stronger stem, to be competed for at any show selected by this society after June, 1912.



A Corner of the Carnation Section at the Detroit Show, January 10.



The American Beauties at Detroit, January 10.

(Rustic Booth of L. Bemb Floral Co. in the right background.)

All members of the American Rose Society can feel that the idea, "A rose for every home, a bush for every garden," meets a response in the hearts of the people.

A. R. S. TREASURER'S REPORT.

Treasurer Harry O. May, of the American Rose Society, presented the following report at the convention of the society in Detroit, January 10 to 12, 1912:

Investment account—		
Westchester & Bronx Title & Mortgage Guaranty Co., three mortgage certificates	$ 3,000.00	
Summit Trust Co., Permanent Fund and Hubbard Medal Fund	350.00	
Receipts		$1,485.66
Disbursements	753.40	
Cash in bank	742.26	
		$1,485.66

MR. VALENTINE'S ADDRESS.

[The following is the address of President J. A. Valentine, of the American Carnation Society, read at the convention of the society in Detroit, January 10 to 12, 1912.]

After a good many years of discussion, we are at last trying the experiment of holding an exhibition jointly with the American Rose Society, in connection with the annual meetings of both societies.

Whether this is a desirable change, which ought to be continued and become an established custom, will remain for this exhibition to demonstrate. There are sound arguments to be advanced on both sides of the question. To the man who comes a long distance and wishes to see the exhibitions of both societies, the saving of time and money would be quite considerable. This feature of it appealed to me so strongly that at our meeting in this same city of Detroit, eight years ago, I introduced a resolution seeking to bring it about.

The object of these exhibitions is probably threefold, but, if I am not mistaken, they could not be successfully carried on were it not for the new varieties of roses and of carnations. Joint exhibitions ought to induce a larger attendance of florists who are in the market for novelties than where the exhibitions are held separately. The interest of the general public ought to be more largely aroused by joint exhibitions, with a considerably larger attendance and larger gate receipts, if an admission fee is charged. The expense incurred for one exhibition ought to be less than for two.

A Weighty Question.

All of these arguments, however, would be outweighed if roses and carnations could not both be shown of good quality and in sufficient quantity at a joint exhibition. This is a difficulty which many growers have seemed to think insurmountable and the showing made at this present exhibition should go a long way toward determining that point.

At the same time, undue weight should not be given to the showing made by standard commercial varieties, because the novelties are the things which most florists come to these exhibitions to see.

I think I am well within the truth when I say that the tendency is to place orders for novelties earlier and earlier each succeeding year. Early exhibitions are, in this particular, an advantage to the disseminators of new varieties of either roses or carnations.

This question is a weighty one and is entitled to careful consideration. I hope that each member will take an active interest in its final settlement and that he will, as far as possible, put aside all personal prejudice and help settle it for the ultimate good of both societies.

During the years covered by the lifetime of this society, much has been accomplished by the exchanging of ideas concerning methods of cultivation and the best manner of fighting diseases and insect pests, and the discussion of other matters of mutual interest to carnation growers.

The improvement made in the carnation itself, both as to size and quality, has been quite marked.

The Society's Past and Future.

The American Carnation Society has been an exceptionally vigorous and virile organization, and its membership has averaged as widely awake and keenly alive to matters that affected it as has the membership of any other similar organization in this country. We have been fortunate in our membership and a number of our members have become known to carnation growers throughout the world, by reason of the excellent varieties which were originated and disseminated by them. We should, however, bear in mind that whenever a society becomes contented with its past achievements and relaxes its efforts, the situation becomes perilous.

If this society is to keep abreast of other bodies of like character, its members must not fail to note that the world's knowledge of the laws of heredity has been greatly increased within recent years and that other bodies of men are setting us a lively pace.

Until recent years there was no knowledge which could enable an experimenter to make his crossings in an intelligent, orderly manner. Crosses were made almost at random between promising varieties, a good deal as a man might shake dice in the hope that he would make a lucky throw. In fact, many crosses are still made in that way

today. The commercial carnations of today are the offspring of numerous generations of cross-bred and inter-bred sorts, to such an extent that they are an extremely unstable lot, as evidenced by their almost universal tendency to produce sports. We would think a chemist was wasting labor if he tried to produce a useful compound when he knew only the colors, but not the chemical analysis of his ingredients.

Pure-bred Carnations.

I believe it is safe to say that there is not a pure-bred carnation in commerce today; and in order not to be misunderstood, I will say that by pure-bred I mean one that will uniformly reproduce itself from seed when self-fertilized.

With our present knowledge it is entirely possible to get such pure-bred sorts within a few generations. With these once produced and used as ancestors, the production of new varieties could be carried on with as notable results as have been attained by the men who have been working on similar lines with agricultural crops.

Nearly all of us have tried at some time to raise new carnations, and I think it will be pretty generally conceded that more is expended annually upon the production of seedling carnations than is received from the sale of cuttings.

I feel safe in predicting that within a few years we shall have carnations producing flowers of such quality and in such quantity as to prove profitable in a commercial way when grown from seed. It ought to be possible to produce strains that will be resistant to stem-rot and rust, to produce summer-blooming strains and strains that are suited to heavy soil or to light soil.

I consider this matter of pure-bred ancestors of such consequence that I would urge upon those who are commercially interested in the production of new varieties that they get together on this matter and divide the work among themselves, so that each will undertake to produce one or more such pure-bred sorts. By comparing results and by exchanging seed, rapid progress could then be made. It is entirely possible that by such work further knowledge of the laws of heredity could be obtained that would be a valuable contribution, not only to this society but to the world at large.

Up-to-date Propagation.

While we are about it, it might be well to see whether we are entirely up-to-date on methods of propagation. It used to take years before the raiser of rose seedlings could hazard a guess as to their value. The seedling inarch and nurse plant method of propagation have reduced this period to months instead of years. The grafting of seedlings upon established stocks by the ordinary method is also practiced, but with some danger of losing the seedling if the graft fails.

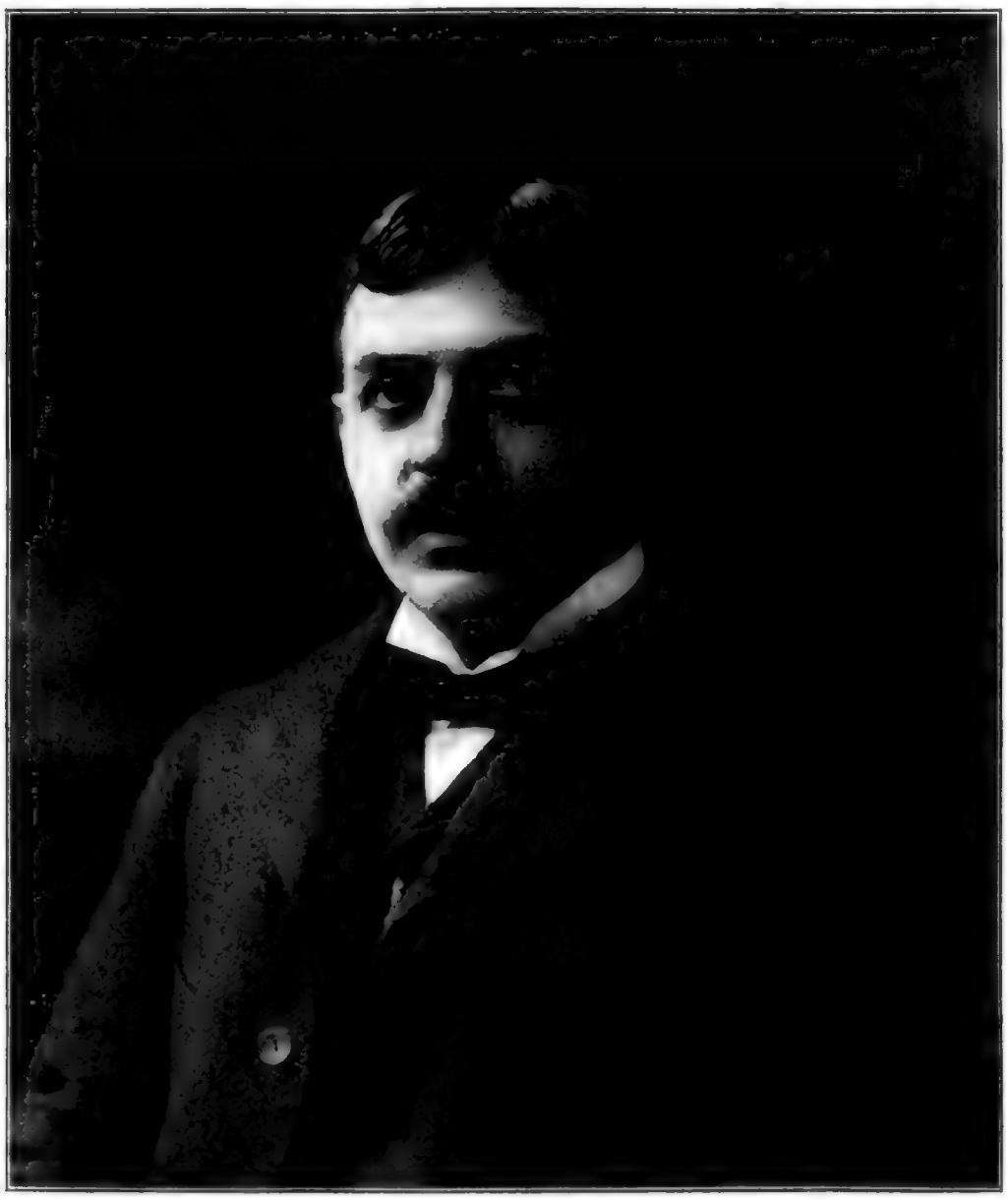
Most of you doubtless are familiar with the latest works on heredity, but to those who are not, and especially to the ambitious among the younger element, let me recommend that you procure and read that delightfully entertaining and instructive booklet, entitled "Mendelism," written by R. C. Punnett and published by Bowes & Bowes, of Cambridge, England. It is simple and elementary, and can be ordered through your bookseller at a probable cost of less than $1. I shall be surprised if those reading it for the first time do not find it as interesting and as fascinating as a love story and as full of thrills as one of Conan Doyle's detective tales. If some of you have sons growing up whom you wish to keep in the business and can interest them in some such line of reading, you will have made more likely the attainment of your desire.

Criticism Better Than Indifference.

I am fully aware that I am open to criticism as a theorist and not a practical grower, when I presume to present suggestions of this sort to a body of men, many of whom have made a financial success of raising and disseminating seedlings, while I have nothing to show in support of my position. I shall not regret your criticism if I provoke your discussion, for even antagonism is better than indifference.

While I was in Portland last summer, a friend and I were talking about the early settlers of Oregon, and he told me a story which may be apropos: A tourist asked an old settler where he had come from, and he said, "From east of the mountains." Being again asked from what part of the plains country he came, he replied that his old home had been west of the Mississippi. The tourist was still not satisfied and asked from what state, to which the old settler replied, "Well, I cum from Missouri. Now, durn you, laugh!"

Some of you may laugh at my enthusiasm regarding this matter of inheritance and the Mendelian theory, but do not fail to give it serious thought, even if it does provoke your mirth.



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MR. FARENWALD'S ADDRESS.

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Fellow members of the American Rose Society, following the generous invitation of the Detroit Florists' Club to hold our annual convention at Detroit, the city which will in the near future wrestle with Chicago for the supremacy of the middle west, we meet again, after another strenuous year has rolled around, to look over the battlefield to see what has been gained or lost.

I hope the most of you have gained in knowledge and prosperity. Those who have gained knowledge in our profession should be generous in sharing it with some of their less favored fellow members, by freely distributing information when questions are asked on subjects with which they are familiar. This sharing of knowledge is the most important plank in our society's platform. Close that fountain, and the life of our society would be short. So I hope that every member will take an interest in our meetings and show that he is willing to help to uplift and uphold what is best in our society—and not alone in the meetings, but also out of them. He should be generous with

his knowledge when some of our timid fellow members ask questions, for we do not all have the nerve to stand up in an open meeting to debate and question. So, fellow members, give freely where it is asked for. No man is so wise but that he needs advice sometime or other.

A Question of Progress.

I think our profession has kept abreast of the times in every way. The increase in glass put up must have been enormous, though I have no figures to give. It was greatly stimulated by the low prices of building material. Cultural methods and economies are continuously being improved upon. The grower of cut roses has not been falling behind, I am sure. Neither has the wholesaler or retailer, or else the output of cut roses could not have been handled so profitably for all. Only wide-awake men can go into it and survive.

While our business has prospered all over the country, I can not give quite such a rosy view of our society. We have gotten some new members, to be sure—some annual and some new life members. But what does that signify, when we take into consideration the thousands of men who are making a competency by growing roses, and the men who handle the product, either wholesale or retail? Every one of our members should be an apostle in his particular sphere of interest at home, to advance the cause of the American Rose Society. Our people, always so willing to uphold a good cause, seem to be singularly lacking in interest, and that where it affects the most vital parts of their business; namely, the upholding and advancement



A. Farenwald.
(President American Rose Society.)



Fred E. Dorner.
(Treasurer American Carnation Society.)

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After many fruitless attempts to hold a joint convention of the American Carnation Society and our society, they have at last joined hands to hold their convention and exhibition together here in Detroit, in the same hall. Both societies had to change their plans somewhat. Whether this joint meeting will prove successful, I am at the present time not able to say. But I do hope for the best, as there were many points in favor of doing so. The officers of the Rose Society and its executive board were unanimous in this move. I know many members are dissatisfied with such an early date, but let us withhold our criticism until after the meeting. Without giving it a trial, we were not able to speak positively either for or against the Detroit meeting. I hope that this exhibition is all it should be—an educator to us and the public.

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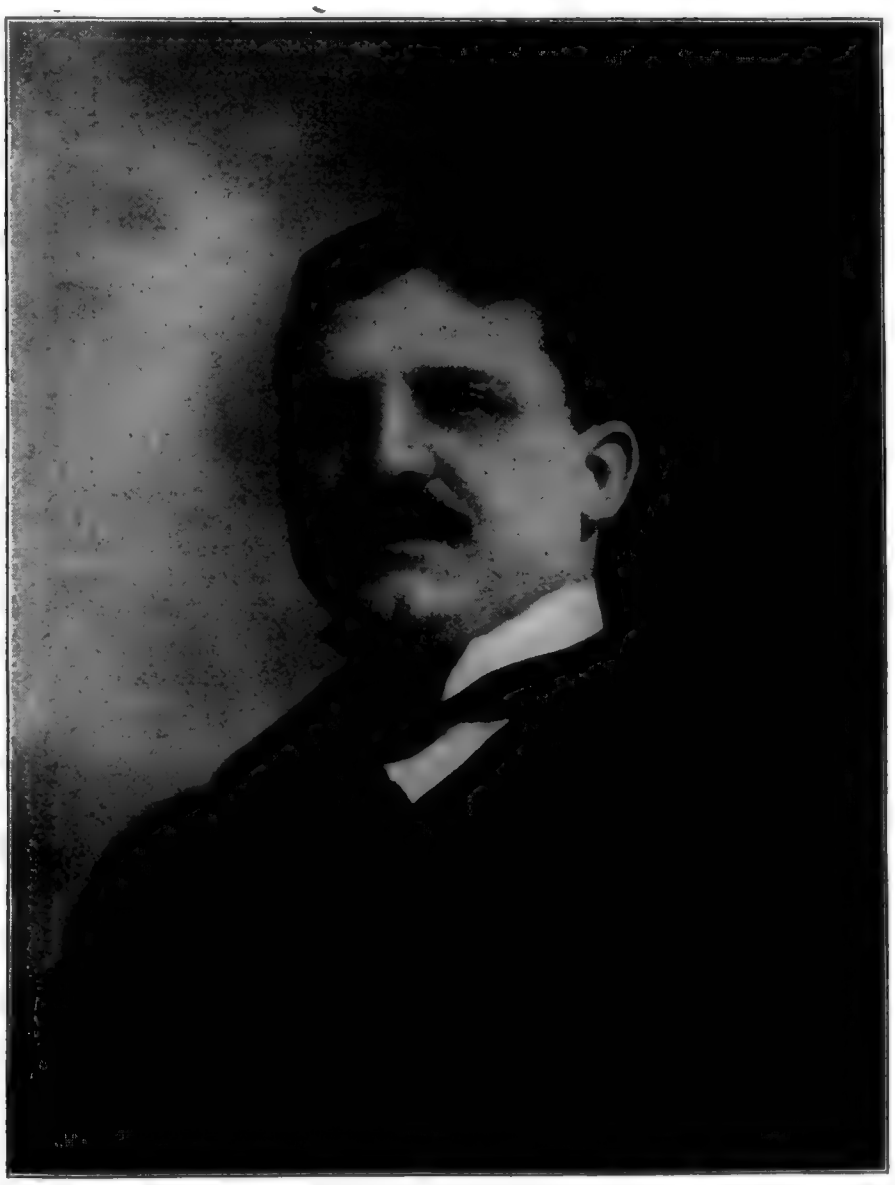
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Also, we must all do our best to advance the growing of outdoor roses, in whichever way we can do it best, for that is where our amateur members will come from later. We must, above all, interest the nurseryman to grow the outdoor roses best suited to his locality and to make exhibits in the June shows. There are no better object lessons for the public than these.

Introduction of New Roses.

New roses are coming in abundance from everywhere. This is a splendid showing, which I am sure is largely due to the influence of the Rose Society's efforts and its exhibitions. We must continuously advance. Of course, that makes it so much harder for any new rose to qualify, but when a winner it will amply repay all losses to the hybridizer or to the distributor. We should encourage the hybridizer in his efforts. I would suggest here that the distributor test his new roses a little more carefully before sending them out, by giving some plants to other firms in different localities to be grown. This test may be a little more costly, but will be a great deal more profitable to both parties, the distributor and the grower who buys them. I also strongly advise florists' clubs everywhere to use their influence with their respective state legislatures to establish experiment stations at their state colleges to test plants and fertilizers, so that in both respects we would not be groping so much in the dark as we mostly do now.

In conclusion I would say that the strengthening and upbuilding of our society needs some sacrifice in time and money on the part of every loyal member. Every good cause has only advanced in such a way, and who will say that our aims are less deserving? So, fellow members, if any of you who are facing me came with a grouch on, forget it. Look around, reflect; there are others. Bear your sacrifices with a cheerful smile; it will make it easier to you and more pleasant to the rest. The cheerful giver is the most beloved. When you return home, go to your neighbor in our profession, smack your chest, and tell him you went to Detroit in zero weather, running chances of trouble at home, but thought it would be good for you and your business. Tell him you saw and heard a lot and gave something in return. Make him feel that he has missed something, and that he will not be behind another year. Then you will have fulfilled your mission to the American Rose Society. You are a loyal and a royal good fellow!



Frank H. Traendly.

(Vice-president-elect American Rose Society.)

ROSES IN THE MIDDLE WEST.

[A paper by Irwin Bertermann, of Indianapolis, Ind., read before the American Rose Society, in convention at Detroit, January 10 to 12, 1912.]

The practical theory of the production of roses is so often ably taken care of that it may be well here to draw attention to the standard of "A rose for every home and a bush for every garden," also the relationship between those who are so nobly laboring with the production of nature's wares and those who are benefiting mankind and themselves in using roses in their dooryards and adorning the homes of the middle west.

From the time the wild brier of Indiana graced the log cabin of the settler until the limestone mansion became arched with Tausendschon, Dorothy Perkins and other ramblers, has the rose held the highest place in the hearts of the people, for, as Jim Riley says so fittingly:

"The world is full of roses and the roses full of dew,
The dew is full of heavenly bliss that drips for me and you."

His home in Lockerbie street is made more attractive by an old rose of the climbing variety, which has been there for years and which is watched over carefully.

Unfortunately, many of the better kinds of roses do not withstand our climate as they do on either coast or in the south, but when additional care and attention are given, the results are most gratifying. Those varieties which flourish are well known, and thousands of any new introduction which promises to withstand the climate are easily disposed of.

Two of the Society's Aims.

It is not my purpose to treat lightly a subject of such commercial importance, and the highest compliment which might be paid your organization is the recognition of the greatness and goodness made manifest through your work in the heightening and purifying of American citizenship. Articles No. 1 and 2 in "The Aim of the American Rose Society" are not the least important in the production of either commercial or new varieties.

Article 1 reads: "To increase the general interest in the cultivation and to improve the standard of excellence of the rose for all the people."

Article 2: "To foster, stimulate and increase the production in every possible way of improved varieties of the rose, suitable to our American climate and requirements."

New Roses Gladly Welcomed.

The people are always awaiting new roses and the space is wonderfully close between the distant public and him who daily watches over his houses of roses for their ultimate consumption. Mrs. Aaron Ward, Mrs. Taft, Lady Hillingdon and even Sunburst, through the press, have already won their way with the rose buyers. The good qualities of each are well known by regular patrons. Mrs. Ward keeps well; Mrs. Taft is an unusual pink, most successful for table decorating, and Lady Hillingdon, with its coppery shades, is most suitable for the corsage. A full sized cut of Sunburst in an Indianapolis paper this fall brought hundreds to see it and many still inquire at that store for the new rose seen in the picture.

Flower Shows as Educators.

Spring flower shows argue well for roses and those who produce them. None of us have forgotten the wonderful display of indoor and outdoor varieties at the national exhibition. The stimulus given the flower buyers in the vicinity of Boston was undoubtedly a lasting one. Chicago has undertaken an exhibition of this kind, as have several other cities, and the opportunity for educational work is great. The spring shows should do more for the rose than the autumn ones do for the chrysanthemum, as they come at a time when the flower buyers may view elegant displays of forced roses and in

turn have the same varieties planted in their gardens.

Your able secretary, Mr. Hammond, in a recent letter stated: "While in Indianapolis I saw many beautiful homes and no slums." How could there be slums with Hill's, Dorner's, Vesey's, Coles' and many others in close proximity to the Hoosier capital, who are putting forth a tremendous lot of energy in producing all that is beautiful for a community where there is plenty of room and gardens are plentiful?

An Era of Small Roses.

An era of small roses is at hand. The large varieties fill a big place admirably, but let the rosarians become more interested in the smaller types, such as Bon Silene. There is much need for them in corsage work, in baskets and for debutante bouquets, where the small rose has a greater charm than the larger kinds. A forcing rose bearing its flowers in clusters, for winter use, would be a wonderful addition to look forward to.

When our section of the land has reached the advancement of rose growing noticeable in France, Germany and England, when the love of them in the gardens is as great, and when the rose may be seen growing in all vantage spots and given the same enlightened attention, we shall have accomplished a wonderful and lasting work. America is a big country, with varying conditions, but there is only a small portion that is not adaptable for some variety.

Encouragement of Outdoor Culture.

The large commercial firms, with their millions of feet of glass, having beautiful stores in the larger cities as an outlet, are a stage upon which the rose plays the leading role. Exquisite baskets arranged with airy laces, bridal bouquets in elegant array and artistic decorations all show the possibilities of the indoor flowers, and such work may be seen by anyone at any time, but beautiful arches, groups and conventional outdoor designs are not so common a feature, nor is it nearly as probable for a beautifully trained bush to find itself amid the thousands and in the slums of the larger cities. It devolves greatly upon the rose exhibitions, therefore, to show the public what may be done in gardening effects and in helping to beautify outdoor surroundings.

The advancement of the rose from season to season and year to year is not so discernible, but a retrospection of twenty years shows what has been accomplished and suggests vividly what earnest endeavor may do.

The scope of the American Rose Society is a broad and useful one, as it permits not only the production of roses, but goes further in endeavoring to teach, through exhibition and example, a love of them.



J. A. Valentine.
(President American Carnation Society.)



Benjamin Hammond.
(Secretary American Rose Society.)

Uxbridge, Mass.—The proprietors of the High Street Greenhouses, who started business in 1908 with one house, 20x70, have built up a good trade and have found it necessary to add some glass each season. The first addition was 20x85, and last summer the third house, 18x85, was erected. Those connected with the enterprise are Mrs. Frank Goldthwaite, Miss Annie Goldthwaite and Benjamin Dresser.

EVERYBODY'S FLOWER.

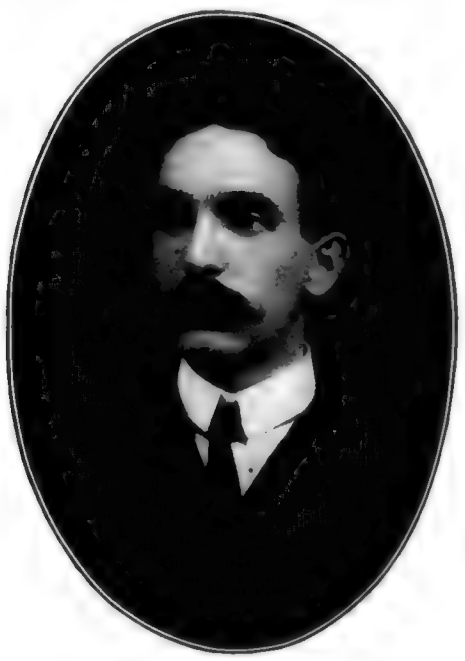
[A paper by Hugo Schroeter, of Detroit, Mich., read before the American Carnation Society, in convention at Detroit, January 10 to 12, 1912.]

When the Ridgway Co. sought a name for its magazine, I presume they called it "Everybody's" because this one word covered its scope most thoroughly. This was the question which confronted me when your secretary bestowed on me the honor of addressing your society. He suggested that my paper deal with "that divine flower, the carnation," but requested that I choose my own title. After banishing from my thoughts a number of more or less suitable titles, it occurred to me that in speaking of the carnation the most appropriate term would be "Everybody's Flower." In fact, of all the numerous flowers we have to deal with, the carnation is the only one which can be righteously called the flower for everybody.

Roses are conspicuous in most of the events where flowers are used, but, even in the smallest decoration, if a variety of flowers are called for the carnation is sure to play a most important part. Often, when offering suggestions for decorating the home for a small wedding, the question will arise, "What flowers can we use on the piano and the sideboard, or what bright red flower is there which we can use on the table, the flower not to be too costly?" In nearly every instance the carnation is called upon to fill the place. A customer may be somewhat disappointed in not being able to obtain violets, Beauties, sweet peas or any other of the flowers in general use, but carnations in a flower store are as staple as nails in a hardware store.

Always in Demand.

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Irwin Bertermann.
("Roses in the Middle West.")

lady came into our store and wanted two dozen rose-pink carnations. She was politely informed that carnations were scarce and we had none in the shade desired. "Would not some other pink flower do?" "Yes," she replied, "I presume some other flower will have to do, but it seems so queer not to be able to obtain carnations." Retail florists advertise roses, chrysanthemums, orchids, etc., but only in case of a special sale are carnations advertised, simply because it seems to be understood that we always carry a stock of carnations except during the hot spell of July and August.

Now then, gentlemen, you will all agree with me that the carnation is everybody's flower, but, being manufacturers and not selling agents, as it were, perhaps you have often wondered why the carnation is in such demand. Is it the price alone that makes for the popularity of this flower? Hardly; this might be the case with the middle and poorer classes, but how about those people who do not have to count their pennies?

Reasons for Its Popularity.

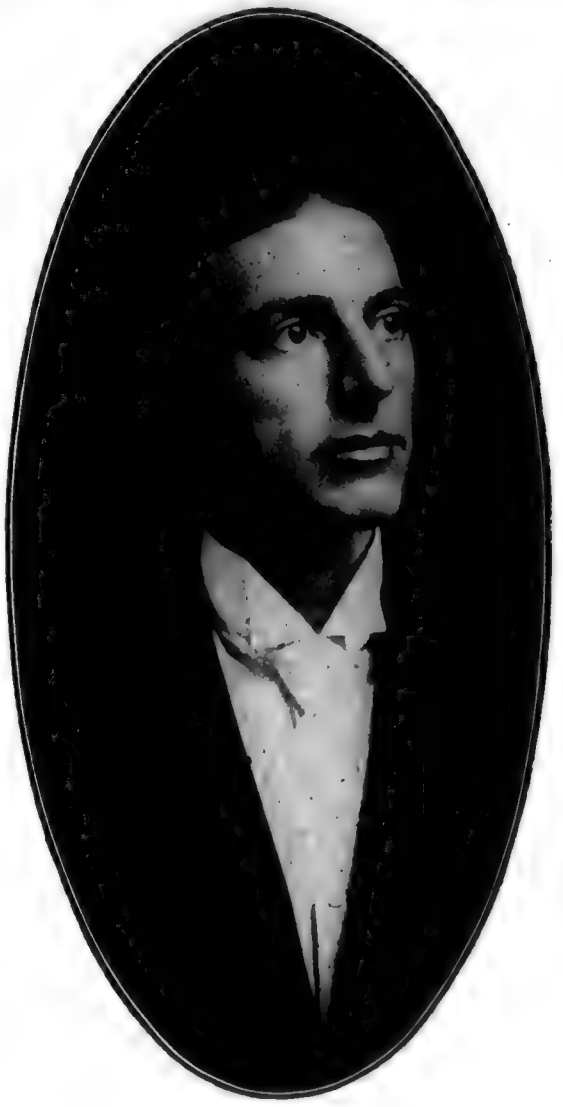
No other flower adapts itself to all uses as does the carnation; no other is so easily arranged into an effective spray or bouquet, or in a bowl, to serve as a centerpiece. This, I believe, is the principal reason why, each year, the carnation sales amount to hundreds of thousands. The number used in the small, inexpensive funeral sprays every year is in itself a large amount. Their length and flexibility of stem, their keeping qualities and size make them most admirable for funeral spray work. For design work the carnation is almost a necessity. Here, again, its size is an important factor. White carnations, with the stem broken off and a toothpick in its stead, are the best flowers we have for outlining a design or as a background for lettering. With the stem left from three to five inches long, they are excellent for trimming a design, the stem being just stiff enough to carry the flower gracefully. It does not require the hand of an expert designer to make a loosely arranged wreath of all carnations; nevertheless, such a design is especially attractive and lasting.

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I have enumerated only a few of the many uses for the flower which has done so much toward putting our business on a firm basis—or perhaps I should have said, which has taken flowers out of the luxury class and caused them to be classed with the necessities of life. There are still more substantial reasons for its ever-increasing popularity.

Take the colors, for instance. Not many flowers possess that beautiful shade of pink to be found in an Enchantress or Pink Delight or in their deeper sister, Winsor. In the poinsettias alone is to be found a red which surpasses the red of an O. P. Bassett carnation. Of course, there are beautiful reds in dahlias, sweet peas and roses, but not that scarlet shade of red usually known as Christmas red and so necessary for decorative purposes. Then, again, where is to be found the pure white of a carnation and in such abundance? In no other flower. And the delicate yellow tint of a carnation like Pingree places this flower



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But what of the variegated varieties? These do not seem to meet with popular favor. We have some really good looking variegated kinds; still, it is not often that colors are mixed in floral work and this, no doubt, accounts for the small use for variegated flowers.

The price at which carnations are obtainable is usually, of course, also one reason why millions are sold. Even the wealthiest people often desire to spend but a few dollars for a funeral spray or for some other occasion, and carnations are always acceptable.

When I started to write this paper my intention was to endeavor to obtain figures giving the total number of carnations sold at retail in this country during the last year. After conferring with others, I discarded this plan, as it would have been almost impossible to arrive at anywhere near the correct amount. There are, nevertheless, millions sold annually at prices ranging from 25 cents per dozen to 25 cents per flower.

Is Its Popularity in Danger?

I have referred to the ever-increasing

popularity of the carnation. Of course, there is no doubt that more are sold each year, this being only natural, as flowers are becoming more and more in vogue and the country is growing, but is the carnation as popular as it was some years ago? Do the beautiful carnation blooms of the present day elicit the same approval as did the far inferior ones of twelve or fifteen years ago? It is a noticeable fact that each year brings more people who, while they will not deny the beauty of the flower, still say, "Oh! Carnations are altogether too common."

In my opinion the carnation grower, or, to be more exact, the carnation itself is largely to blame for the existence of the street flower faker, for without this staple article his activity each year would be of but short duration, and in time he would be compelled to seek elsewhere for a livelihood. With him, also, "everybody's flower" plays a most important part.

The Street Fakers.

Just how the street flower merchant affects the sales of the legitimate retail store is a matter in which opinions differ. Of course, the retail store in closest proximity to these stands will be most affected as far as actual sales are concerned, but this is getting away from my subject. One thing is certain, the sale of thousands of carnations on the streets every year will in time seriously affect the popularity of this flower. In fact, it would elevate our profession considerably if flowers were kept off the streets and out of the peddlers' hands, and sold or disposed of through legitimate channels only.



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In the first place, those sold on the streets are always more or less old; consequently their keeping qualities are extremely limited. Again, the manner in which they are delivered to the buyer, wrapped in a piece of old newspaper, certainly does not tend to increase the flowers' popularity. Neither will the street merchant hesitate in misrepresenting his wares, all of which has so cheapened carnations in the eyes of the public that even if the legitimate florist could meet the faker's price the majority of people would not want them. This is particularly true when they can be purchased on the streets. Customers will look in disdain at the choicest carnation and remark, "No, thanks; no carnations for me. My friends might think I bought them on the street."

Disposing of the Surplus.

In this way, gentlemen, has the value of the carnation suffered, and the remedy lies in our hands. The argument has been advanced that many of the blooms sold on the streets find their way into the homes of people who are not in the habit of buying flowers, and their liking for nature's messengers is consequently stimulated. This is true to some extent; still, if these same people could be induced to come into a flower store and, perhaps for a few cents more, buy perfectly fresh carnations, properly done up, is it not reasonable to believe they would be still more apt to become flower lovers?

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tomer, at a low figure, say, from 50 cents to $1 per hundred, or at the same price the faker pays? You will say the latter buys thousands at one time; true enough, but only when he can buy at a loss to the grower. When you are selling at a profit it is the store man to whom you sell; in fact, you are dependent on the legitimate retail flower merchant for your profits. Then why not assist the latter in upholding the standard of the carnation? Make it possible for him to send to his customers occasionally two or three dozen carnations gratis, the grower to bear part of the expense, for you will surely share in the profits that result from such advertising.

Right here occurs to me a suggestion from Mr. Elberfield, of Kansas City. His idea is to advertise that with each one dozen sold another dozen will be sent free of charge to some friend of the buyer. By selling them at 50 cents per dozen at this time, you are really not cheapening the flower, but merely giving a few away. Mr. Elberfield's contention is that this will result in two sales eventually, as the party receiving the flowers will want to reciprocate. Any such schemes will tend to relieve a glut without injuring our business.

The Need of Coöperation.

My suggestions for partially relieving a glut may be rather vague fancies, in consideration of the fact that the surplus in this city (Detroit) is naught when compared with the hundreds of thousands of carnations, violets and roses for which the commission man in New York or Chicago must each season find an outlet. Still, the proportion of first-class stores in those cities is correspondingly greater and I am sure a concentrated effort by grower, commission man and retailer combined would at least help some.

The trouble is that there is too much animosity between the two factors. It would certainly be to the advantage of both if more harmony and more of an exchange of ideas existed. If only the producer of our wares were to enlist his services in a retail store for one season and there meet face to face the final consumer of the products of his thousands of square feet of glass, I am positive he would be well repaid for his trouble.

In my enthusiasm I have again edged away from my subject, but I trust you will pardon my negligence.

How About a Summer Carnation?

Speaking of exchanging views, why would not a summer carnation be a good thing to develop? We have roses which do especially well during the warm summer months; surely our carnation growers of today can in time produce some varieties which will be at their best in summer. Not that many kinds would be required; a good white and a good pink will do for a starter.

As previously stated, the odor of the carnation is one of its valuable features. Instead of giving so much thought and care toward the producing of larger, always larger blooms, I believe that the further development of that spicy, ever-pleasant odor, so pronounced in some white varieties, would not be amiss.



Rose Sunburst.

Another suggestion I might offer is the growing of White Enchantress for funeral work. If not disbudded they will prove most profitable to the grower, as they bloom freely and bring good sized flowers, which in turn will bring good prices from the retailer when white flowers are scarce.

My endeavor has been to make this paper interesting and instructive and I may have made remarks which some of my audience will resent. I can assure you that no harm was meant, but, as stated before, it is only by the utmost frankness that we can make the carnation still more true to the title of my paper.

Grading Flowers Honestly.

Right here I might bring to your attention the fact that when a customer pays a price for one dozen carnations, each and every flower in that dozen must be up to the standard; one poor flower in the lot will bring forth a great big kick. Many customers even go so far as to expect a baker's dozen. Why, then, do some growers still persist in slipping one or two culls in with every twenty-five blooms? I know it must hurt to have a number of blooms in every day's cut which will bring but little on the market; still, by bunching these separately they will bring some returns, and as soon as it becomes known that you grade your flowers honestly your stock will be always in demand. Your brand of carnations will sell before all others, because the buyer will get value received every time.

As a final suggestion, I would say: Do not resort to any more pickling of stock than is absolutely necessary. Nothing will so prejudice people against a certain kind of flower as the fact that it will not last long, and pickled carnations or any other pickled flower will positively not last. Rose, violet and chrysanthemum growers will also please note these last remarks.

NEW S. A. F. DIRECTORS.

Charles H. Totty.

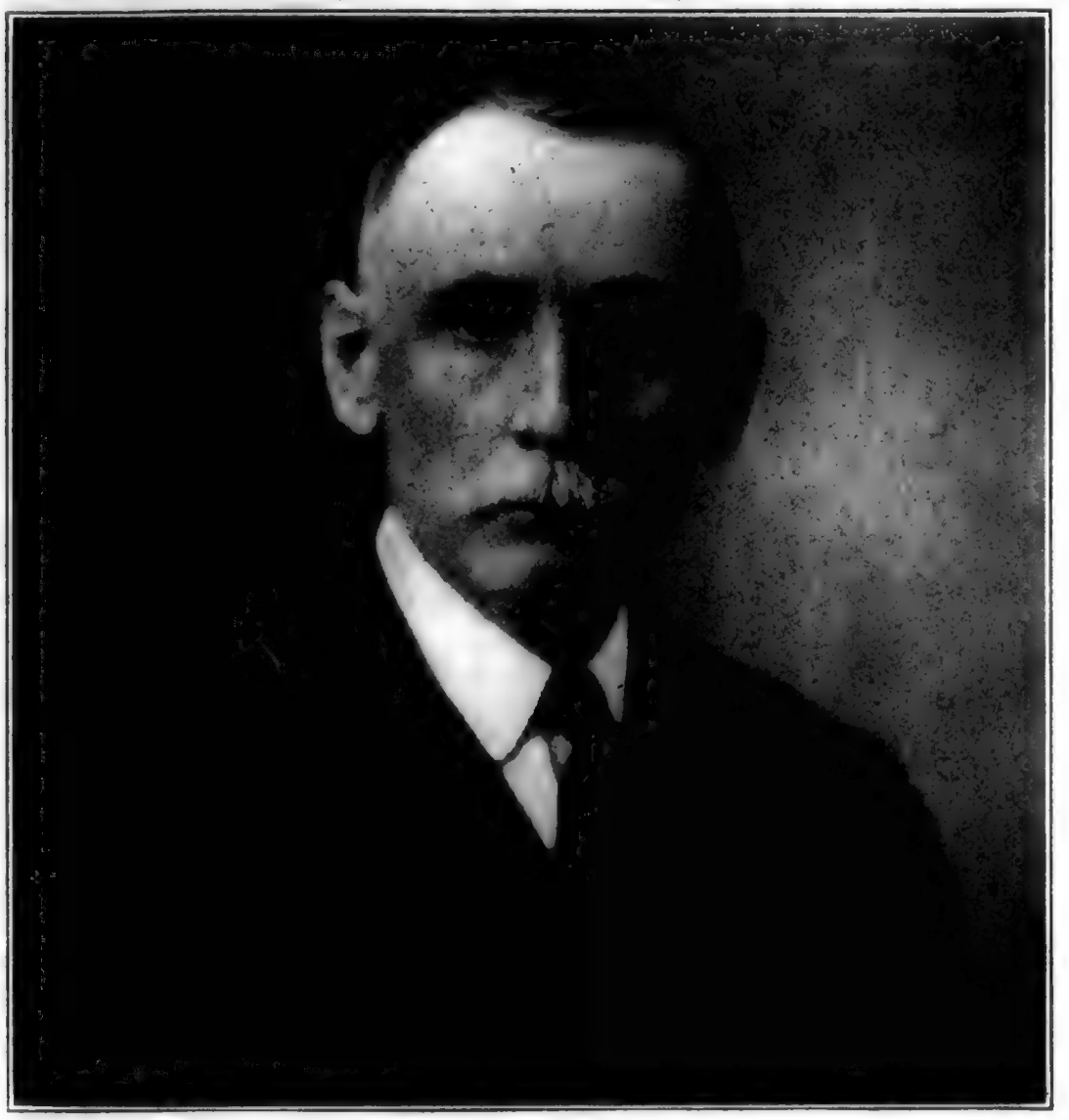
Charles H. Totty's recent experience seems to give strong support to the statement that honors, like troubles, never come singly. Within the last three months three honors—and burdens—have been heaped upon him; he has been made chairman of the S. A. F. national show committee, president of the Chrysanthemum Society of America and a member of the S. A. F. executive board.

Mr. Totty was born in Shropshire, England, in 1873. At the age of 13, after obtaining a common school education, he began a three years' apprenticeship in the gardens of a Mr. Sheringham. Then he spent a year in the nurseries of Messrs. Dickson, of Chester, and a year at Norris Green, a noted fruit growing establishment near Liverpool. He came to America in 1893. After being employed for a year and a half on the estate of Mrs. Thompson, at Canandaigua, N. Y., he removed to Madison, N. J., and went to work on the estate of H. McKay Twombly, under the superintendency of Arthur Herrington. After eight years of valuable experience there, he embarked in business for himself by buying the James Hart greenhouses at Madison. These he enlarged and improved, and six years later

he added by lease the Twombly place over which he had presided as foreman. For years he has been winning increasing fame as a chrysanthemum specialist, and he is particularly well known to readers of The Review as the writer of much valuable matter with reference to his favorite flower.

John A. Evans.

John A. Evans, of the Quaker City Machine Co., Richmond, Ind., is exceedingly modest and unpretentious as to the amount of information he has furnished for this sketch. If he were running for office, it would be difficult to construct a good campaign document from his meager and matter-of-fact statements. He and his company are already well known to the trade as the manufacturers of the Evans Challenge ventilating apparatus. Aside from that, he simply mentions that he was born in Allegheny, Pa., January 25, 1853, that he started in the business of making his ventilating apparatus in 1885, that he has been a member of the S. A. F. since the first meeting at Philadelphia, that he has attended every convention of the society except the first one, held at Cincinnati in 1885, and that he is now a life member of the S. A. F.

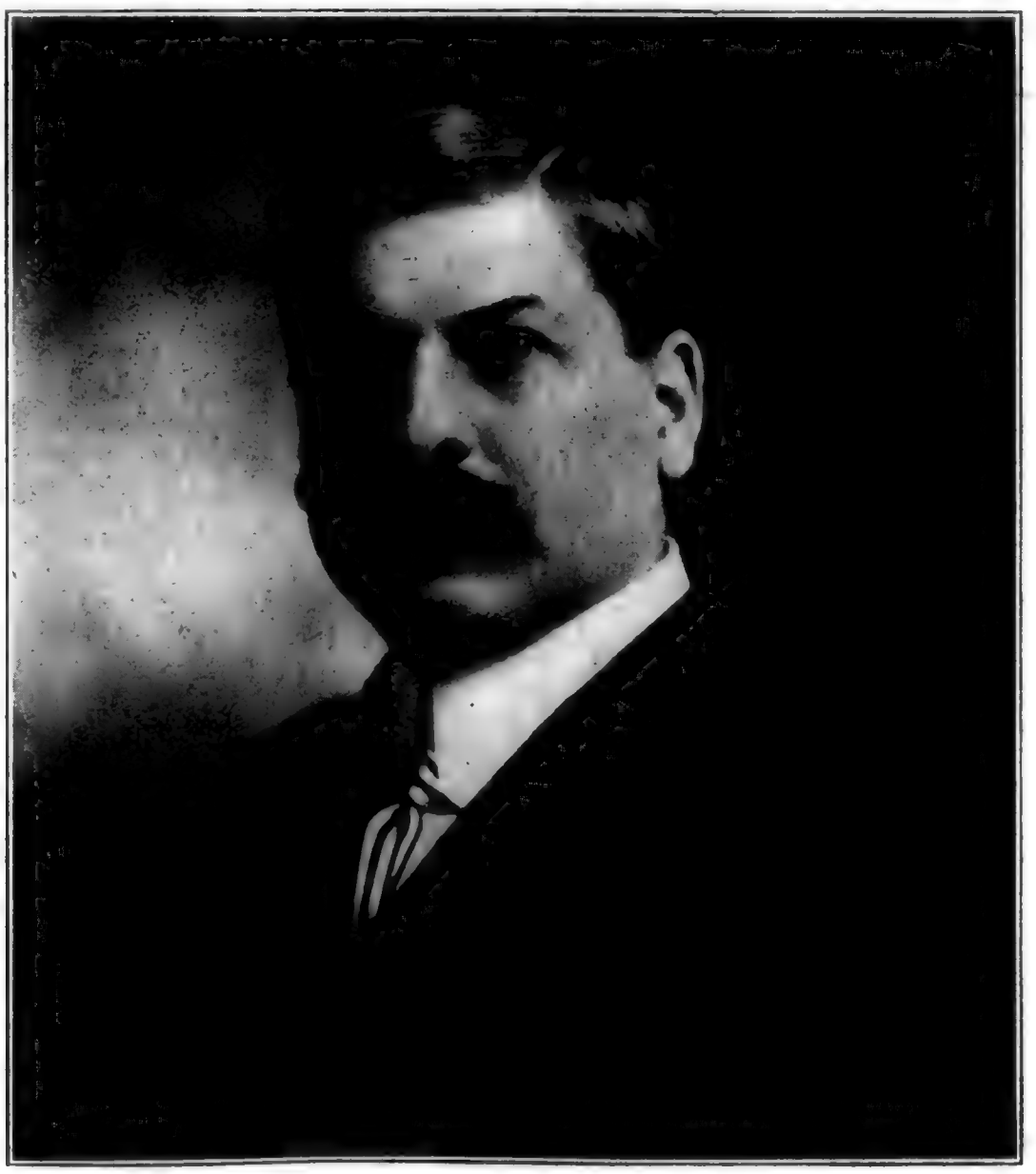


John A. Evans.

SALVIA SEEDS.

In The Review for January 4 C. W. advises the sowing of scarlet sage early in March. That date is too late for the temperature in which I grow the plants. I find February 10 late enough if grown in a temperature of 50 to 55 degrees. Several years ago I had to throw away most of my sage because it was not in bloom for Decoration day. I sowed it the first week in March that year. My plants do not get tall when grown in a temperature of 50 to 55 degrees

E. J. Hull.



Charles H. Totty.

ANTIDOTE FOR RHUS POISON.

E. O. Orpet, of Lake Forest, Ill., speaking of ivy poisoning, says that "last summer, when Rhus toxicodendron was just budding forth with blood-red shoots, four men were employed to root it up, for unless given something to climb upon, it becomes a pestiferous ground weed. These men were seemingly immune until hot weather, but when perspiration was free all were badly affected. The face swells to such an extent that the sufferer can scarcely see, and other portions of the body are also affected.

"Our physician recommended as a remedy tincture of Sanguinaria Canadensis, sopped on with a soft cloth. Each man was cured in four days by the use of this simple remedy. The bloodroot grows plentifully here with the rhus in similar situations, and a pint of the tincture is ample to effect a cure of a serious case. Physicians also recommend the fluid extract of Grindelia robusta for cases of poison from Rhus toxicodendron and R. venenata, the latter being the worse of the two species."

Hamilton, Ont.—The Connon Floral Co. has purchased a block of land at Stony Creek and will build greenhouses there. The firm has engaged the services of George Cooper, formerly of Rice & Cooper, of the Mountain Greenhouses, North Grimsby, Ont.

tomer, at a low figure, say, from 50 cents to $1 per hundred, or at the same price the faker pays? You will say the latter buys thousands at one time; true enough, but only when he can buy at a loss to the grower. When you are selling at a profit it is the store man to whom you sell; in fact, you are dependent on the legitimate retail flower merchant for your profits. Then why not assist the latter in upholding the standard of the carnation? Make it possible for him to send to his customers occasionally two or three dozen carnations gratis, the grower to bear part of the expense, for you will surely share in the profits that result from such advertising.

Right here occurs to me a suggestion from Mr. Elberfield, of Kansas City. His idea is to advertise that with each one dozen sold another dozen will be sent free of charge to some friend of the buyer. By selling them at 50 cents per dozen at this time, you are really not cheapening the flower, but merely giving a few away. Mr. Elberfield's contention is that this will result in two sales eventually, as the party receiving the flowers will want to reciprocate. Any such schemes will tend to son find an outlet. Still, the proportion of first-class stores in those cities is correspondingly greater and I am sure a concentrated effort by grower, commission man and retailer combined would at least help some.

The trouble is that there is too much animosity between the two factors. It would certainly be to the advantage of both if more harmony and more of an exchange of ideas existed. If only the producer of our wares were to enlist his services in a retail store for one season and there meet face to face the final consumer of the products of his thousands of square feet of glass, I am positive he would be well repaid for his trouble.

In my enthusiasm I have again edged away from my subject, but I trust you will pardon my negligence.

How About a Summer Carnation?

Speaking of exchanging views, why would not a summer carnation be a good thing to develop? We have roses which do especially well during the warm summer months; surely our carnation growers of today can in time produce some varieties which will be at their best in summer. Not that



Rose Sunburst.

relieve a glut without injuring our business.

The Need of Coöperation.

My suggestions for partially relieving a glut may be rather vague fancies, in consideration of the fact that the surplus in this city (Detroit) is naught when compared with the hundreds of thousands of carnations, violets and roses for which the commission man in New York or Chicago must each season find an outlet. Still, the proportion of first-class stores in those cities is correspondingly greater and I am sure a concentrated effort by grower, commission man and retailer combined would at least help some.

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As previously stated, the odor of the carnation is one of its valuable features. Instead of giving so much thought and care toward the producing of larger, always larger blooms, I believe that the further development of that spicy, ever-pleasant odor, so pronounced in some white varieties, would not be amiss.

Another suggestion I might offer is the growing of White Enchantress for funeral work. If not disbudded they will prove most profitable to the grower, as they bloom freely and bring good sized flowers, which in turn will bring good prices from the retailer when white flowers are scarce.

My endeavor has been to make this paper interesting and instructive and I may have made remarks which some of my audience will resent. I can assure you that no harm was meant, but, as stated before, it is only by the utmost frankness that we can make the carnation still more true to the title of my paper.

Grading Flowers Honestly.

Right here I might bring to your attention the fact that when a customer pays a price for one dozen carnations, each and every flower in that dozen must be up to the standard; one poor flower in the lot will bring forth a great big kick. Many customers even go so far as to expect a baker's dozen. Why, then, do some growers still persist in slipping one or two culls in with every twenty-five blooms? I know it must hurt to have a number of blooms in every day's cut which will bring but little on the market; still, by bunching these separately they will bring some returns, and as soon as it becomes known that you grade your flowers honestly your stock will be always in demand. Your brand of carnations will sell before all others, because the buyer will get value received every time.

As a final suggestion, I would say: Do not resort to any more pickling of stock than is absolutely necessary. Nothing will so prejudice people against a certain kind of flower as the fact that it will not last long, and pickled carnations or any other pickled flower will positively not last. Rose, violet and chrysanthemum growers will also please note these last remarks.

NEW S. A. F. DIRECTORS.

Charles H. Totty.

Charles H. Totty's recent experience seems to give strong support to the statement that honors, like troubles, never come singly. Within the last three months three honors—and burdens—have been heaped upon him; he has been made chairman of the S. A. F. national show committee, president of the Chrysanthemum Society of America and a member of the S. A. F. executive board.

Mr. Totty was born in Shropshire, England, in 1873. At the age of 13, after obtaining a common school education, he began a three years' apprenticeship in the gardens of a Mr. Sheringham. Then he spent a year in the nurseries of Messrs. Dickson, of Chester, and a year at Norris Green, a noted fruit growing establishment near Liverpool. He came to America in 1893. After being employed for a year and a half on the estate of Mrs. Thompson, at Canandaigua, N. Y., he removed to Madison, N. J., and went to work on the estate of H. McKay Twombly, under the superintendency of Arthur Herrington. After eight years of valuable experience there, he embarked in business for himself by buying the James Hart greenhouses at Madison. These he enlarged and improved, and six years later

he added by lease the Twombly place over which he had presided as foreman. For years he has been winning increasing fame as a chrysanthemum specialist, and he is particularly well known to readers of The Review as the writer of much valuable matter with reference to his favorite flower.

John A. Evans.

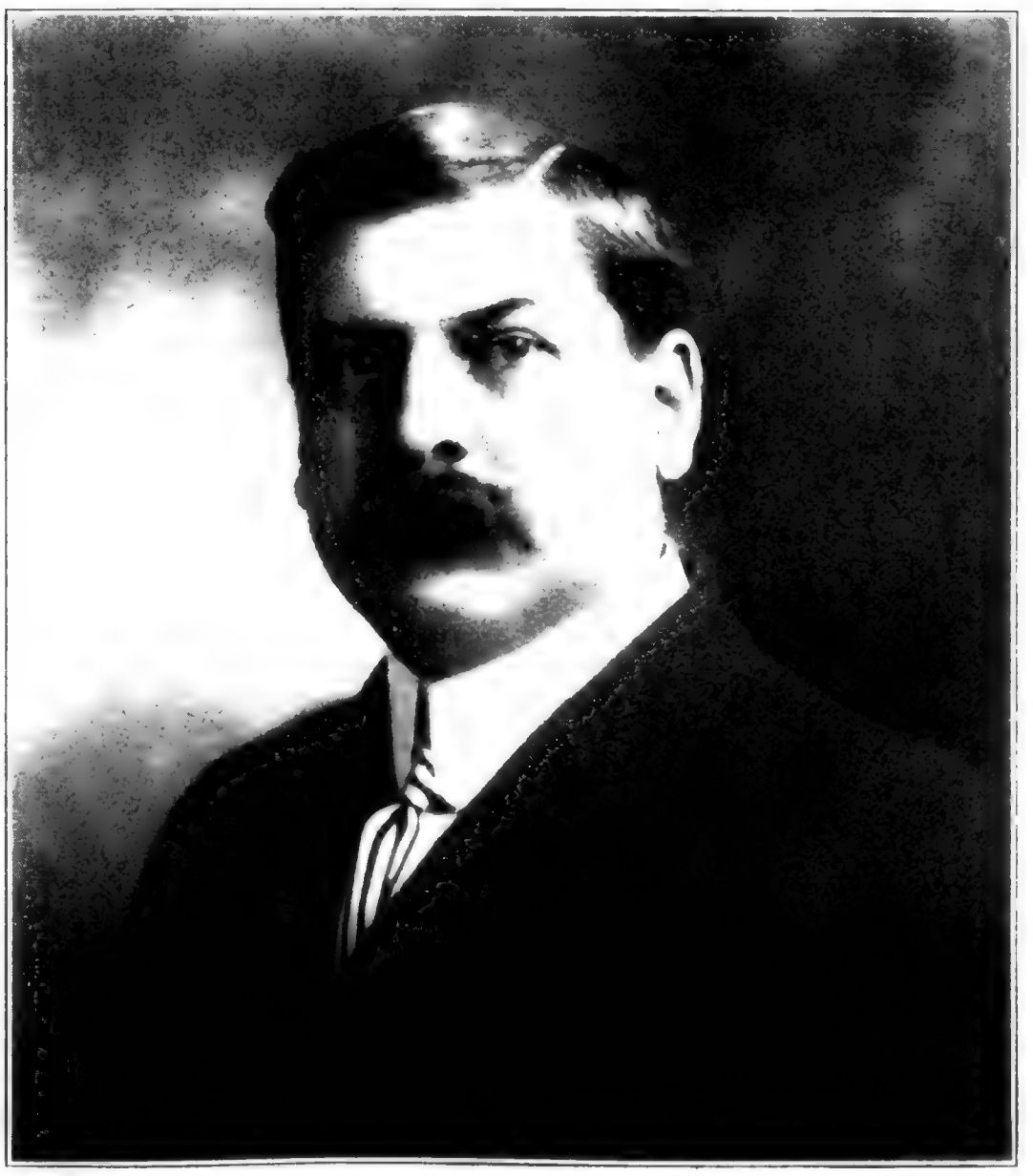
John A. Evans, of the Quaker City Machine Co., Richmond, Ind., is exceedingly modest and unpretentious as to the amount of information he has furnished for this sketch. If he were running for office, it would be difficult to construct a good campaign document from his meager and matter-of-fact statements. He and his company are already well known to the trade as the manufacturers of the Evans Challenge ventilating apparatus. Aside from that, he simply mentions that he was born in Allegheny, Pa., January 25, 1853, that he started in the business of making his ventilating apparatus in 1885, that he has been a member of the S. A. F. since the first meeting at Philadelphia, that he has attended every convention of the society except the first one, held at Cincinnati in 1885, and that he is now a life member of the S. A. F.



John A. Evans.

SALVIA SEEDS.

In The Review for January 4 C. W. advises the sowing of scarlet sage early in March. That date is too late for the temperature in which I grow the plants. I find February 10 late enough if grown in a temperature of 50 to 55 degrees. Several years ago I had to throw away most of my sage because it was not in bloom for Decoration day. I sowed it the first week in March that year. My plants do not get tall when grown in a temperature of 50 to 55 degrees. E. J. Hull.



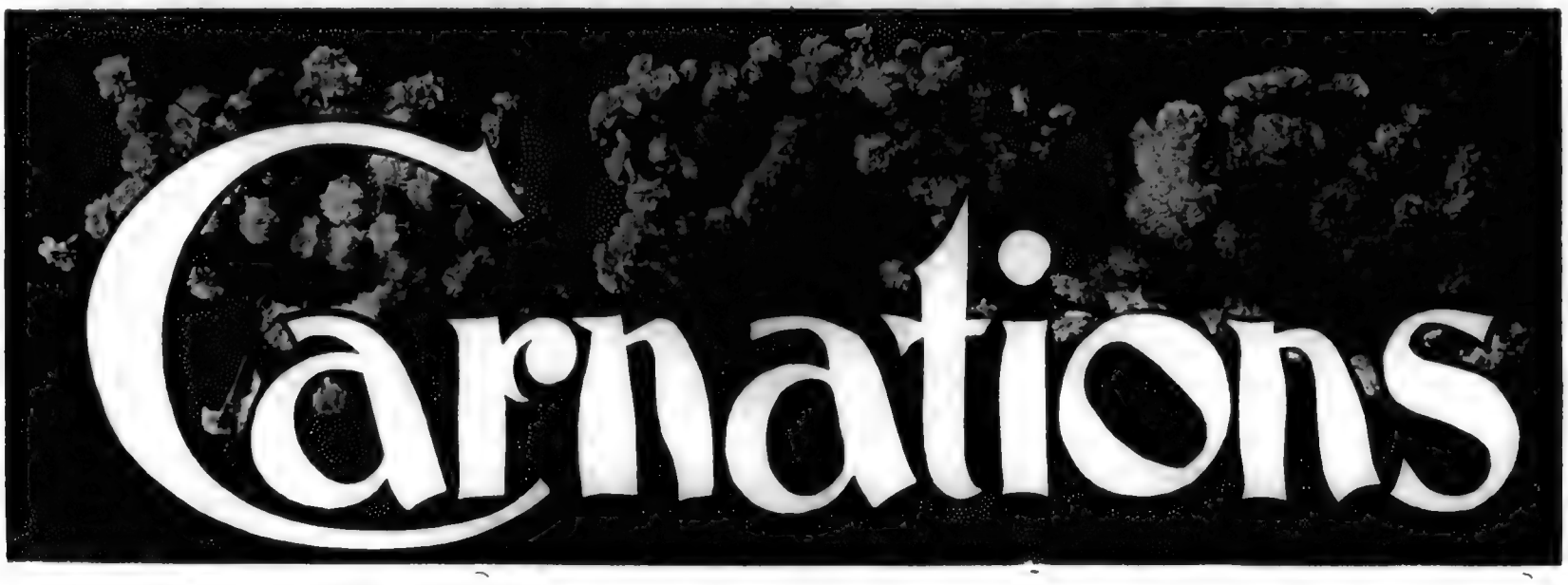
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SOIL FOR CARNATIONS.

In The Review of December 31, J. E. Weir, Jr., would like some one's experience with clay and sandy soils for carnations. I have tried all kinds of soils, from river bottom soil to heavy clay, and have had best results from well rotted sod from a clay soil, with a liberal dressing of air-slaked lime before the beds were planted. I firmly believe stem-rot originates in the cutting bench. I have lost only nineteen plants out of 9,000 this year. I do not use any bone when planted, but give them a top-dressing of blood and bone the latter part of November, and I keep them as near 48 to 50 degrees as possible, with plenty of air on during fine weather. H. B. McKnight.

THE BEGEROW SEEDLING.

H. B. McKnight, grower for the Begerow Floral Co., Newark, N. J., has a seedling, shown in the accompanying illustration, which is liked so well that a large house of it will be grown next season. It is of the Enchantress color; the result of a cross between Rose-pink Enchantress and White Perfection. The flower is from four to four and three-fourths inches across, with a strong calyx and a stem sufficiently rigid to carry the bloom erect. The Begerow Floral Co. has found it an extra good keeper as well as a non-splitter. It is now in its third year.

THE USE OF CYANIDE.

In Small Houses.

We are much interested in the hydrocyanic acid gas question, and hope that we may know more about it with the aid of those who are using it, although we are inclined to think, from a lack of testimony, that many florists are not using it.

We notice some doubt that it will kill red spider; even Arthur T. Boddington writes us to that effect. But we know it will.

We have a small house, 15x20 feet, with an open side shed eight feet wide at the north end, where we sleep, as we have to tend our fire occasionally. We also have a temporary addition, 10x20, that joins on the south by a door. In the addition we have mostly geraniums, large ones for Decoration day, and in the house 15x20 mostly carnations. Elmer D. Smith, of Adrian, Mich., advised us how to handle the hydrocyanic acid gas, so we read up on those things until we decided the best was none too good for us, and we got our sodium cyanide of A. T. Boddington, as per Smith's advice. We had a druggist weigh out a proper sample according to Smith; also got some tea-cups and used one large spoonful of sulphuric acid and three of water in each cup, allowing two of them in the house 15x20 and one cup in the house 10x20. We wrapped our cyanide in paper and dropped one in the 10x20 and closed the door; then dropped one in the farthest cup in the house 15x20, then another in the last cup, and got out, locking the door. Of course we had fixed our fire for three hours. At the end of the three hours we opened the door and, if not too cold, the ventilators a little, and judging by the smell, we soon closed up and went to bed. Boddington recommends leaving the house closed, I think, for thirty minutes, and Smith for three hours or all night. We have to open our ventilators from the inside. We do not breathe while putting the cyanide in the cups. We do the cyaniding about 5 p. m., so we get the advantage advised of darkness, also coldness.

We buy our sulphuric acid from the creamery, because we cannot get any from the drug stores fit for use for any purpose, and we get our pint bottle filled for 5 cents, and know we are getting a good article.

We find, if we do not rinse our cups, that when we put in the next lot of acid and water it makes a strong, disagreeable and perhaps unhealthy gas. We have found by a year's experience that we need a larger quantity than Smith advised, and are now nearly doubling it. We do not injure any of our various plants, and when we discovered a while ago that some of our plants had a bad dose of



Enchantress-Perfection Seedling of Begerow Floral Co.

red spider we carried them to one end of the house 10x20, where in some verbenas we brought from outdoors we had plenty of green aphis. Then we put one of our loaded cups in with them, shut the door until morning, and then found the remains of the mites where they seemed to have gathered in groups. We look at them occasionally, but they have not moved, nor do we expect they will. We had a few flowering maples, farfugiums, and other things of that nature that those red spiders had taken possession of, and about a week later, December 16, we gave the whole house another dose.

We like it so well we are not thinking of using any other material, but we like to read the experience of others. We know a large house could not be aired out so as to be safe, as we do ours, and the ventilators ought to be so they could be opened from the outside, except where the house is kept closed all night, which we would favor where practicable. The use of this gas removes the tobacco in all forms, or any spraying or any plans to kill insects, for in our experience the gas gets all of them. We were going after black aphis on some mums we bought, without perfect success, when we fumigated and killed all of 'em.

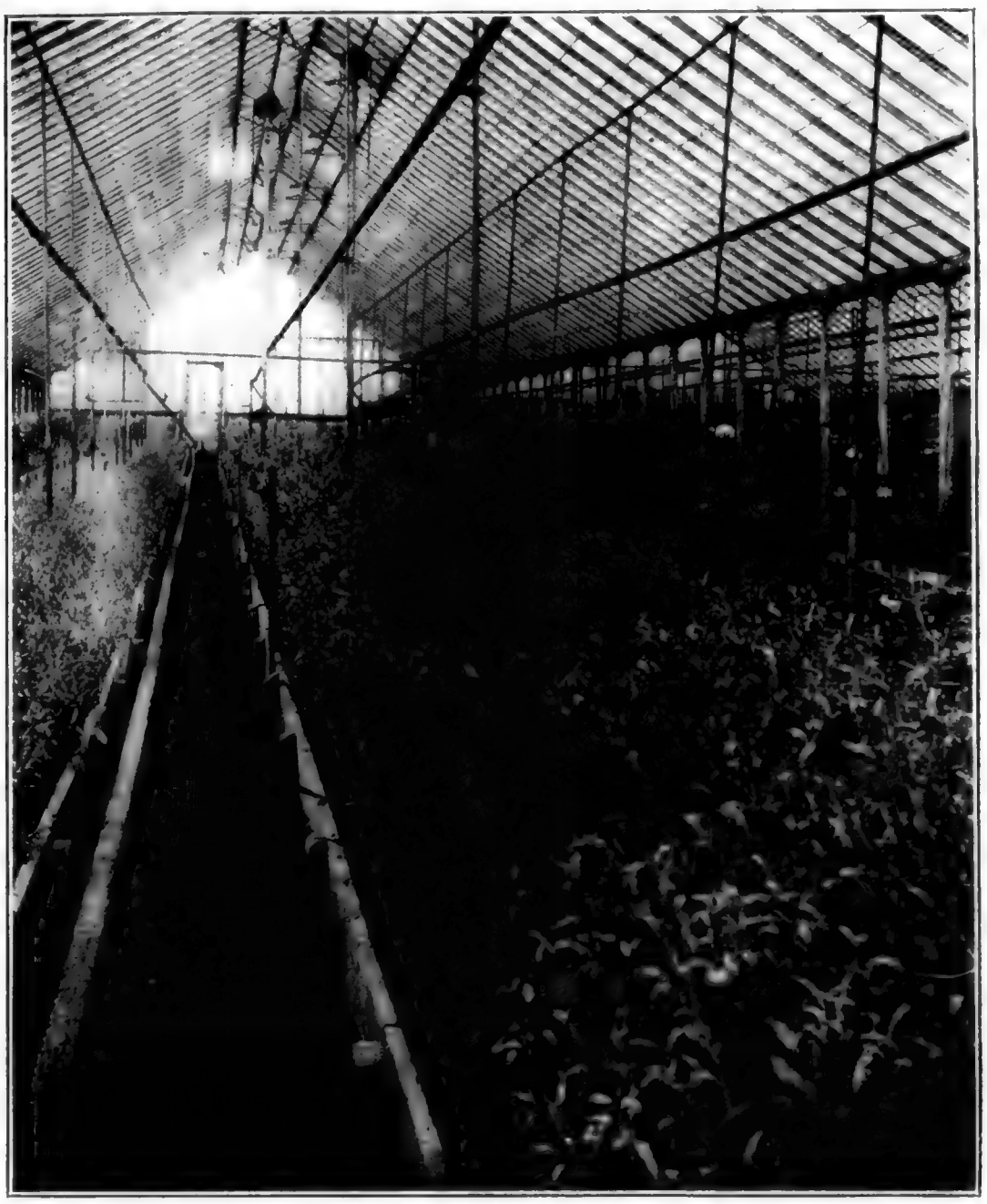
J. F. Thissell.

PLANTS FOR MEMORIAL DAY.

Please tell me when to sow seed of candytuft and Petunia Rosy Morn to have them in bloom for Decoration day. Also please tell me the name of the dwarf white stocks with glossy green leaves, used for pots at Decoration time. F. K.

Sow the petunia seed at once in pans of leaf-mold and sand. Make the surface smooth and water it before sowing the seeds. As the seeds are quite fine, do not cover them. Protect with glass and shade with paper until the germination takes place. A moist house, with a temperature of 60 degrees, will be suitable. Candytuft may be sown now or as late as February and flower for Memorial day. It is best to sow it in small pots before the middle of January and grow it cool, later transferring to the benches. The stocks referred to are probably a wallflower-leaved form of the dwarf ten weeks. These are the most satisfactory varieties of stocks to grow in pots or benches for Memorial day.

C. W.



House of Carnation St. Nicholas, at Baur & Steinkamp's.



House of the New Seedling Carnation Delhi, Photographed January 4, 1912.

DUTCH BULBS FOR EASTER.

At what time should hyacinths, tulips and Narcissi be in for Easter, in a violet house which has a night temperature of 45 degrees? Will they all come into bloom at the same time, or do some require a longer time?

J. F. J.

Keep all the bulbs named in a cold cellar, or plunged outdoors with the necessary protection, until a month before they are wanted in flower. So much depends on weather conditions that no hard and fast rule can be made. A couple of clear, bright days will advance them as much as treble the number of dull, cold days. By allowing a month, however, you are sure to have all of them in flower, and probably some of them will need to be held a few days in a cold pit after opening, which is preferable to starting late and forcing hard at the last. The hyacinths will open rather more quickly and are naturally earlier than the tulips and narcissi. C. W.

Tipton, Ind.—The Frank A. Benthey Co. has been incorporated, with a capital stock of $7,000. The directors are Frank A. Benthey, S. Adam and Bertha O. Benthey.



EELWORMS ON ROSES.

We are sending you today by American Express a rose bush that shows our troubles. We think the cause is eelworms and wish you would kindly let us know whether we are correct. Our soil is a heavy clay one, not very porous. We plowed up a piece of pasture in the fall and worked it again in the spring, mixing in about one-fifth rotted cow and horse manure and adding one hundred pounds of bone meal to five hundred square feet of bench surface. The benches have been top-dressed with bone meal three times since fall and once with rotted cow manure, and just recently we have given them a light mulch of pulverized sheep manure. The same grower has been handling our roses since 1908 and this is the first time we have had any difficulty. We have commenced watering the plants with lime water. If possible, will you kindly state the cause of our trouble, with the remedy, if there is any, and also a preventive? The plants are all of our own propagation and we have not bought any stock for two years. Do you deem it advisable to use affected stock for propagating purposes? K. & G.

The roots of the plants forwarded were badly attacked by nematodes or eelworms, these being responsible for the knots or galls on the roots, which interfere with their discharging their proper functions. Applications of lime water will mitigate the evil in some measure, but will not eradicate the worms. They require something much stronger. Carbon bisulphide will not harm the growing plants and will kill a large proportion of the worms. It can be bought of any druggist at 25 cents per pound can, retail. Make holes twelve to fifteen inches apart each way with a pointed stick, pour in a scant teaspoonful of the liquid in each hole and at once cover it with soil. The carbon is most penetrating when the soil is damp. Do not use any naked lights while applying it, as it is of an explosive nature.

Your soil should be ideal for roses and has been properly prepared. To guard against eelworms another season, you should either sterilize the soil with steam or apply a solution of formaldehyde for the same purpose. Steam, if you can apply it, is to be preferred. There is no good reason why you should not use the stock for propagating purposes, as your plants are not suffering from anthracnose, spot or other organic diseases of the wood or foliage. Still, if you have unaffected plants, we would prefer to use wood from them. C. W.

ROSES DROP THEIR FOLIAGE.

Enclosed you will find some rose leaves taken from my plants. I should like to know what makes them turn yellow and drop off. The trouble started at the bottom of the plants, but is now going up higher. The house is 20x70 feet and eleven feet high. There are three and one-half to four inches of soil in the benches; it is rich, black soil, containing one-fourth rotted cow manure. There is no heat under the benches. The temperature of the house is from 58 to 65 degrees at night, and in the daytime from 60 to 70 degrees at the highest, when the sun shines. I use hot water heat and have a fine heating system, with pipes along the side walls. The roses were planted about June 15 and passed through some terribly hot weather, but did not seem to suffer. I keep them well syringed when the weather will permit. I do not ventilate at night, but always in the daytime when I can. There was no mildew all winter. The varieties are Bride and Bridesmaid. I have had some green fly and just a little red spider. The plants were from 2½-inch to 3-inch pots when planted. I do not water them often, but when needed I soak them well and then let them get moderately dry before watering again. I put a light mulch, one-half inch thick, on the roses about three months ago. I fed with manure water against the bottom of the stalks of the plants, and have also fed about twice with bone meal and a little lime, both dry. The flowers have not been any too big and at present I am not getting many. This yellowing and dropping of the leaves started about a month or six weeks ago. G. F. C.

Feeding, unless done with extreme care in midwinter, is liable to cause dropping of the leaves. Perhaps you have given your plants a rather too heavy dose of bone, which may have started the trouble. Then again, if the soil in the benches has been allowed to become too dry between waterings, it would cause the same trouble to develop. Some of the leaves forwarded, although pretty well shriveled, showed traces of red spider. You are running too high a night temperature for Brides and Bridesmaids. Keep it as near 56 degrees as you can; it would be far better to have it a little lower than to have it go up as high as 65 degrees. With the higher night temperature spider will be more likely to make headway and the growths will be weaker than when grown cooler. Brides and Bridesmaids, while good old roses, are now hard to sell in the markets. Another season try the Killarneys, both pink and white. They succeed under similar conditions to those given the older sorts and sell much better. They are the most popular roses in America today, and anyone who could grow Brides and Bridesmaids can succeed with the Killarneys. C. W.

SEASONABLE SUGGESTIONS

Propagation.

At last we are getting something approximating winter weather and, with heavier firing, the propagating bench should now be kept filled, as the bottom heat for the coming two months will be steadier than at any other period of the year. Crotons will root readily where a brisk bottom heat is maintained. They do not need any closed case, as often recommended. Keep them protected from the sun and air currents and keep them well soaked with water and few will fail to root. Colored dracænas are also of easy propagation, either from tops or from pieces of the stems. Dieffenbachias can be similarly propagated. Portions of stem, one to two inches long, if just covered with sand, will in the majority of cases send out growths and roots. Ficus elastica roots best in a mixture of moss and sand and the leaves should be tied up to a small stake. Propagation by ringing the stems with moss can be done now, but the plants root much more quickly into it in summer. Begonia Rex is easily rooted, either by laying whole mature leaves on the sand and pinning them to it or by simply cutting the central portions of the leaves in pieces and putting them in the cutting bench in rows.

Bedding geraniums should now be propagated in quantity. It is also a good time to root a good batch of coleus and then throw away the old and bug-laden stock plants. Alternantheras can also be rooted. So, also, can fuchsias, heliotropes, bouvardias—these either from pieces of roots or soft cuttings; variegated vincas, acacias, genistas, English ivy; any chrysanthemums of which it is desired to work up a good batch, and many other plants. From this time on the cutting bench should be kept filled all the time.

Lorraine Begonias.

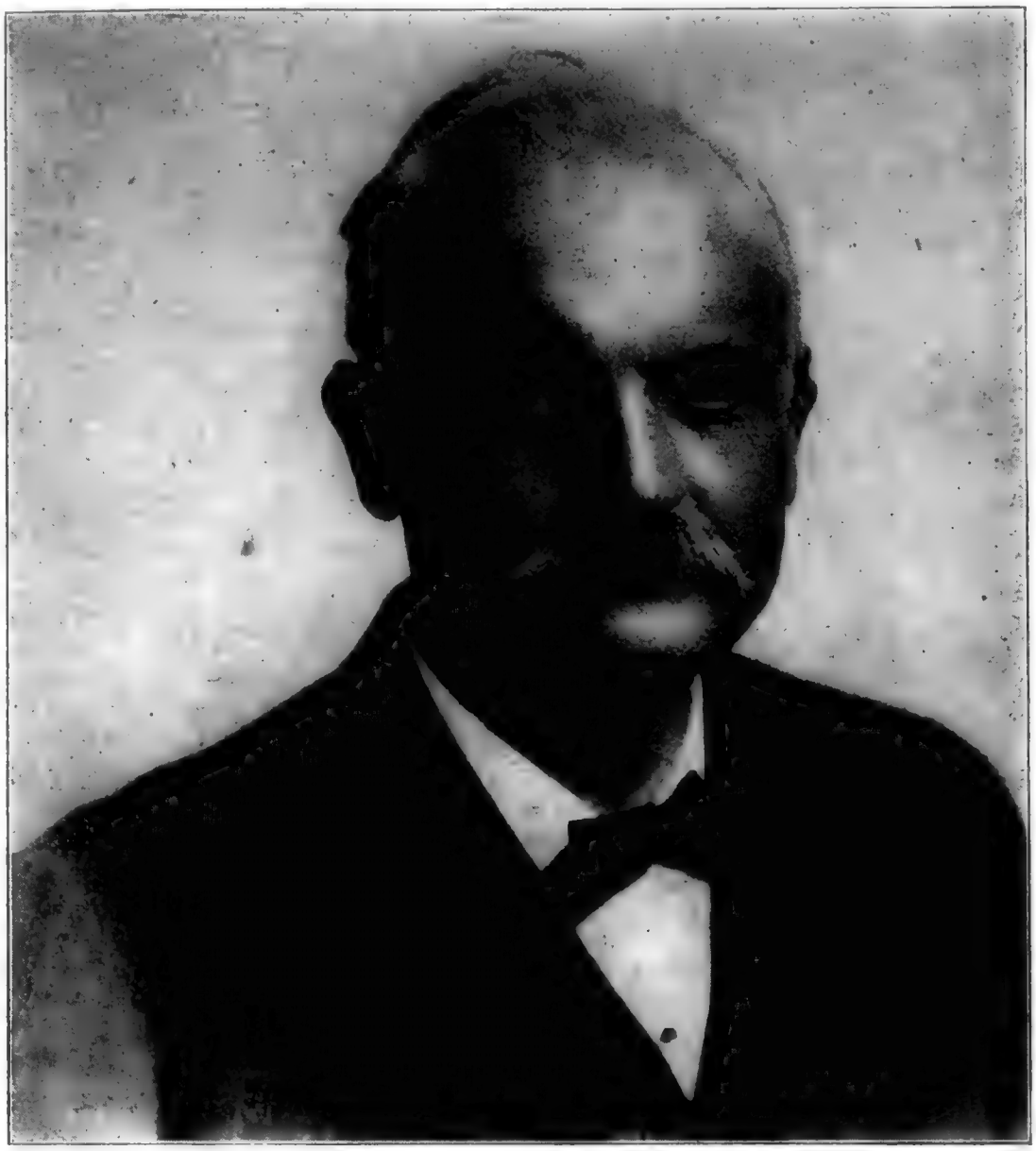
The propagation of Lorraine begonies, if not yet commenced, should be no longer delayed. It is to be hoped that sales have not been so close that insufficient stock has been kept for propagating purposes. Leaf cuttings are best at this early stage. Take off the stalk of the leaf. I like to cut a little piece of the stem attached to the leaf stalk also, but this is not necessary. Let the leaf just touch the sand, which should be of a porous nature. If too fine, the leaves are more liable to rot. With a brisk bottom heat, a top temperature of 60 degrees and one good watering a day, few of the leaves should fail to root. Do not overlook Glory of Cincinnati. It has come wonderfully to the fore this season and will be even more in evidence a year hence. It is going to give the old Lorraine a close call for first favorite. Glory of Cincinnati was given an award of merit last month in London and the papers in Europe speak flatteringly of it.

Spiræas.

A batch of spiræas should be started now in a warm house. If they have been exposed to frost for some time they will break more uniformly. Give an abundant water supply. When growth is well started, be careful not to give the plants any heavy fumigations, or the foliage will be scorched.

Poinsettias.

Flowers of poinsettias are of little value when Christmas is past and it will be just as well to lay the plants to rest under the benches; or, if the stock plants are planted out, lift them and pack them close together in boxes in a frost-proof shed for the winter. As soon as the plants in pots or pans have dried out well, they can be shaken out, packed close together in flats and stored in a dry but not too warm shed or storeroom. If left under the benches in the greenhouses too long, the constant drip may rot some and start others into premature growth.



Emil Buettner.
(One of the Rose Society's Judges at Detroit.)



Richard Witterstaetter.
(One of the Judges of the American Carnation Society.)

Fuchsias.

Fuchsia plants which have been resting for some time should now be pruned back a little and placed in heat. Spray freely, but do not water much at the root until the growths have started. There will soon be a nice crop of cuttings ready, and these, if placed in the cutting bench, will produce nice 4-inch plants for May sales. The fuchsia is an old-fashioned flower, but retains its popularity. The late Victor Lemoine, among the hundreds of novelties he raised, gave us the first double fuchsias and the first double zonale geraniums, which I believe would entitle him to the gratitude of American trade growers.

Lily of the Valley.

In January it is safe to start the new crop of valley pips. They come away irregularly if placed in heat earlier. Flowers from the new crop are easily distinguished from the cold storage ones, being stronger and finer in every way. Be sure that the pips are given a good bottom heat, say 80 to 85 degrees, with a top heat 20 to 25 degrees lower. Use six inches of clean sand to plant them in; this retains the heat

well. Keep the case darkened in the early stages of growth and water once a day. Stop watering as the flowers open, or damping may ensue. Give light and air more freely as the growth advances, especially if some foliage is wanted.

Lilacs.

The earliest forcings of lilacs are better done in the dark, but from now on they will start readily in any warm, moist house. There is considerable call for nice pot lilacs in winter and, of course, such must be grown in full light all the time. Syringe them freely and they will soon break. As the flowers expand, a slightly lower temperature is better and gives the flowers more substance for withstanding the rather trying conditions of the average store, where there is usually considerable draft, and a plant that has been hard forced to the last will soon wilt down when exposed to cold air currents.

VANCOUVER'S LARGEST PLACE.

Few people in the trade whose travels have not recently taken them to the Pacific northwest realize the rapidity with which the greenhouse business is growing there. Brown Bros. & Co., Ltd., is the largest as well as one of the oldest concerns north of the Canadian line. The original location was at Vancouver, but a place was later taken over at Port Hammond and still later one at Victoria.

The accompanying illustration is reproduced from a photograph which was taken December 18, one week before Christmas, in one of their eleven houses of carnations, each 30x200, from which they cut 18,000 blooms in the week following. This is at the Port Hammond place, where there also is one house of calla lilies, one house of plumosus, and one house just being planted to young carnation stock. They have twenty acres of land at this place, which has just been cleared of stumps and plowed, and which will be planted to nursery stock of all descriptions, except that land which will be kept to grow the carnation stock and for growing asters, dahlias, sweet peas, etc., for the store in Vancouver, which is twenty-four miles away. Port Hammond is on the main line of the C. P. R. The place in Vancouver covers one block, or fourteen houses, 30 x 200, which are used for bedding and all kinds of pot plants, palms, etc. There are five houses of chrysanthemums and four houses of roses, of which they had a fine lot for Christmas, Killarneys, Richmonds and Beauties, also thousands of mums. The concern has two stores in Vancouver. The main store, on Hastings street, which was packed with customers all Christmas week, had twenty men and women to wait on customers. It took six wagons to deliver the goods December 25 and four wagons delivered all day Sunday. The other store, at Granville and Hastings streets, also did exceptionally well, being opened only two months, and the Victoria store did finely for Christmas. It had just been bought by the company, as had the Fairview-Esquimalt Nurseries, also of Victoria. The latter contains seven and one-half acres of land, with twelve greenhouses, which contain roses, carnations, mums and pot plants. The nursery is only about two miles from the center of Victoria.

The company consists of Jos. F., Wm. H., Alfred C. and Edw. Brown, being four brothers, and the father, Joseph Brown. Joseph Brown is president and manager; Alfred C., head of nursery and shipping and Vancouver greenhouses; Edw. Brown, manager of stores and buyer; Jos. F. Brown, manager of Port Hammond greenhouses; Wm. H. Brown, manager of the Victoria greenhouses.



In a Carnation House of Brown Bros. & Co.

Catlin, Ill.—Mrs. Theodore Terpening has purchased the greenhouses of Scott Harris. The business will be conducted at the present location, in the north part of town, until about the middle of July, when the greenhouses will be removed to one of the vacant lots belonging to Mrs. Terpening in the southwest part of town, near her home. The business was started about four years ago

OBITUARY.

Mrs. Ella Meinhardt.

Mrs. Ella Meinhardt, wife of Fred H. Meinhardt, one of the well known florists of St. Louis, Mo., died Thursday, January 4, after an illness of several weeks. Her death will be a great shock to her many friends in the trade, as she was well known among the ladies of the S. A. F., having attended all the late conventions. Mrs. Meinhardt died of blood poisoning following an operation at a St. Louis hospital. She was a member of the Ladies' Home Circle of St. Louis, practically all of whom attended the funeral, which was held Saturday afternoon from her late residence, 7041 Florissant avenue, burial being at Bellefontaine cemetery. A large number of local florists paid their last respects and extended their sympathy to the bereaved husband.

The pallbearers were Fred C. Weber, C. C. Sanders, Harry Young and Theodore Miller. Many beautiful floral designs gave silent testimony to the high regard in which Mrs. Meinhardt was held.

Mrs. Agnes C. Ludemann.

Mrs. Agnes C. Ludemann, wife of San Francisco's pioneer nurseryman, J. F. Ludemann, died at the family residence December 29. She was the mother of Adolph Ludemann, the well known Millbrae nurseryman; of Mrs. H. L. Kuster, and foster mother of Frederick Buss, of the California Seed Co. A resident of San Francisco for over forty years, and the wife of its best known horticulturist, Mrs. Ludemann was known to all the trade, as well as to a large circle of friends in religious and fraternal organizations. The home was for many years near the Presidio gate and was only given up when ill health caused Mr. Ludemann to dispose of his large nursery interests to other parties. Mrs. Ludemann was a native of Hanover, Germany, and was buried from the St. Markus Evangelical Lutheran church, the interment being at Mt. Olivet cemetery December 31. A large number of the trade from the bay cities attended and many beautiful floral designs testified to the esteem in which Mrs. Ludemann was held.

Michael Murphy.

Michael Murphy, Newport, R. I., the last of the old-time gardeners of Bellevue avenue, died on New Year's day, aged 73 years. December 29 he was stricken in the afternoon with apoplexy and never regained consciousness. For forty-six years he was in charge of one estate, remaining through several changes in ownership. It is at present the summer home of H. P. Whitney. Mr. Murphy was a native of Queenstown, Ireland, and arrived in this country fifty-nine years ago, going directly to Newport. With his wife and two daughters he lived in the gardener's lodge and looked after the welfare of the house as well as the grounds when the family was absent. He also leaves four sons.

Slingerlands, N. Y.—Fred Goldring now grows a continuous crop of lilacs the year around.

Huntington, Ind.—Bieberich & Weber's holiday trade was the best they have known in their three years of business.

NEW YORK.

[The regular New York market report and news notes are unavoidably omitted this week, on account of the absence of the correspondent, J. Austin Shaw, who accompanied his wife to Bermuda and was not able to return as soon as he had planned. Mrs. Shaw expects to spend the rest of the winter in Bermuda.]

Club Meeting.

There was a large and enthusiastic attendance at the meeting Monday night, January 8. The principal business was the installation of officers for 1912. The officers installed were Joseph A. Manda, president; Philip Einsmann, vice-president; John Young, secretary; W. C. Rickards, W. Mas, John Donaldson, R. F. Kessler and William Duckham, trustees.

The following committees were appointed:

Legislative—F. R. Pierson, P. O'Mara and W. F. Sheridan.

Essay Committee—J. H. Pepper, J. A. Shaw and W. J. Stewart.

Outing Committee—Philip Kessler, B. Chadwick, Louis Schmutz, Jr., E. Schloss, P. J. Smith, W. E. Marshall, A. De Meusy, Jr., A. Kakuda, Joseph Fenrich, F. W. Wagenfohr, O. V. Zangen, John A. Rossbach, W. R. Cobb, H. Hornecker.

House Committee — Al. Rickards, Frank Duggan and W. G. Badgley.

Exhibition Committee—I. S. Hendrickson, Robert Koehne, Robert G. Wilson, Harry Turner and M. C. Ebel.

Committee on Awards—A. L. Miller, John Miesem, Chas. Weber, S. M. Schultz, H. A. Bunyard, Chas. Schenck and Robert Simpson.

For the annual dinner and celebrating the twenty-fifth anniversary — Charles B. Weathered, Charles Schenck, W. F. Shendon, A. M. Henshaw, J. A. Shaw and Alex. McConnell.

The board of trustees made its report, showing over $4,000 in the treasury. Secretary Young reported 275 members in good standing, after sixty-five had been dropped by order of the board of trustees.

A. P. Smith, J. K. M. L. Farquhar, J. G. Fluti, A. Macdonald and A. L. Young were elected, and thirteen names were proposed for membership.

The trustees recommended that the junior ex-president be made a member of the board of trustees.

John Lewis Childs exhibited Calla Elliottiana.

Various Notes.

John Young, 54 West Twenty-eighth street, filed a petition in bankruptcy January 4, with liabilities of $17,994 and nominal assets of $3,200, consisting of thirty-two shares of stock of the John Young Co., which made an assignment December 28 and of which Mr. Young is president. Of his liabilities $17,026 is on account of the company on notes. Among the creditors are the King Construction Co., $9,600; H. C. Schreiber, $4,300, and H. A. Mahran, $2,200.

The Smart Set Floral Co., 2297 Broadway, has made an assignment to Edwin B. Koening. The company was incorporated August 4, 1909, with capital stock $5,000. Claude M. Harburger is president.

J. Austin Shaw.

Harrisburg, Pa.—Miss Mary Baer has purchased the stock and fixtures of the Wm. W. Walmer flower store, at 159 South Front street, and is continuing the business.



Philip J. Foley.
(President-elect Chicago Florists' Club.)

REUTER MAKES ANNOUNCEMENT.

L. J. Reuter, for S. J. Reuter & Son, Inc., asks the publication of the following in regard to Reuter's strain of Double White Killarney:

"We desire to state to the growers that on account of the behavior of our Double White Killarney during the past few weeks we have decided to lay the facts fairly before our customers and the florists in general. While this rose came up to our highest expectations all through the spring, summer and fall, it has been a disappointment to us for the past few weeks and we cannot feel justified in putting this rose on the market without having the matter clearly understood.

"There is no fault to be found with its growth. It is free and vigorous, but the buds have not been opening properly of late, and while this will only occur through a very short season, it is only fair that the growers be informed of this fact. We feel confident that the rose is an excellent variety for at least ten months in the year, but the blooms on some of the plants do not open so well as they should during the dark season.

"By careful selection of stock this whole trouble can be eliminated and a great deal has been accomplished in that way, but sufficient time has not been allowed to enable this weeding out process to be completed. We were afraid in the beginning that it might be a mistake to introduce Double White Killarney so soon, preferring to wait another year at least, when we could have worked out all undesirable stock, but we allowed ourselves to step over our better judgment and to keep company with its running mate. Now we are confident, however, that it was a mistake, as the rose could have been worked up to a higher state of perfection by waiting.

"As the rose stands now it is excellent for summer, being far ahead of Kaiserin or any other white for that season, and in fact it is far ahead of any white during all but the most severe part of the winter season. A little further selection will weed out the remaining stock which does not stand the short days.

"We would say to all customers who have ordered stock from us that they are at liberty to cancel if they choose. If you desire a rose which will make good through spring, summer and fall and through ten months out of twelve, grow Double White Killarney, as we are confident that it will pay, but if you do not care to do this we stand ready to cancel any orders so requested. Any to whom we have already shipped stock are at liberty to return all or part and money will be refunded for the same.

"S. J. Reuter & Son, Inc."

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This paper is a member of the Chicago Trade Press Association.

SOCIETY OF AMERICAN FLORISTS.

Incorporated by Act of Congress, March 4, 1901.
Officers for 1912: President, R. Vincent, Jr., White Marsh, Md.; vice-president, August Poehlmann, Morton Grove, Ill.; secretary, John Young, Bedford Hills, N. Y.; treasurer, W. F. Kasting, Buffalo, N. Y.
Annual convention, Chicago, Ill., August 20 to 23, 1912.

Results bring advertising.
The Review brings results.

IF you don't get your Richmond crop for Christmas, and if you do get it but do not get metropolitan prices, then Richmond does not pay.

NOT a few subscribers save themselves the bother of annual renewal by sending The Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

UNLESS this season's infusion of yellow be taken into account, the tendencies are toward narrowing the rose supply to pink and white. In carnations white and flesh-pink are in overwhelming predominance.

THE flower business ever is an affair of the weather. The severe cold wave that marked the arrival of the new year shut off trade almost as did the record heat of last July. Please, Mr. Weatherman, go lightly on the extremes.

DON'T let February 14, St. Valentine's day, find you unprepared. The last few years the St. Valentine's day demand for flowers has increased several fold. Prepare your stock, trim your windows and advertise in your local newspapers.

IT seems strange that men who appear to want only perfectly innocent information or legitimate advice will take such infinite pains to conceal their identity when writing for it. It should be apparent that full names never are used in replying through The Review and that without them no reply whatever is possible.

THE growers who sell their cuts in the wholesale markets had by last season nearly all dropped Maid and Bride, because they found they could not get the extra money necessary to make these varieties pay as well as the Killarneys do. By next planting time the small local growers who retail their own cut, and who do not figure so closely as do the growers who wholesale, will have seen the point and these two old varieties that were ubiquitous ten years ago will have practically disappeared from American greenhouses.

IT will interest the retail florists to know that in the textile journals discussion is going on as to how ribbon manufacturers can get prices back to a profitable level. It is the general opinion that the loom capacity has become so great that production exceeds normal demand and that prices now, and through 1911, were too low to leave the margin necessary to insure the stability of the ribbon manufacturing business.

MOVING THE CHRISTMAS STOCK.

That The Review did its part in distributing the Christmas stock has been apparent from the letters that have accompanied remittances from the advertisers. Like these:

That page advertisement surely turned the plants; could not keep the packing up. Had an immense stock, but cleaned out and refused orders on some varieties.—C. H. Frey, Lincoln, Neb.

We think The Review rendered us exceptionally valuable service in selling our Christmas plants. Business began to be good from the first appearance of our short paragraphs in your classified columns, and continued to increase up to the last issue in which they appeared. And it did not cost us much, at that.—W. H. Gullett & Sons, Lincoln, Ill.

CHICAGO.

The Great Central Market.

Never in the history of Chicago has the mercury remained below zero so long as in the last week. It passed zero on the way down at 6 p. m. Thursday, January 4, and it was seventy-four hours before it got that warm again, at 8 p. m. Sunday, January 7.

Cold snaps there are in numbers every winter, but usually they are of brief duration. Only once before is there record of three consecutive days on which the mercury did not get above zero, and that was many years ago. This time not only were all duration records broken, but time after time 10 degrees below zero was touched, and just before the cold wave broke 15 degrees below was registered. This was in the city; in the country it went to 22 degrees below.

So long a paragraph is given to the weather because it at the same time describes to the knowing ones the state of the cut flower market. In severely cold weather the demand for flowers is erratic and the supply still more unstable. Such business as there is can be handled only at great inconvenience and mental discomforts are added to the physical ones.

All comparisons between the first ten days of this year and last are upset by the cold. No one can tell if business is starting off as strong as a year ago, or whether the supply is taking the same course as in 1911. The tendency of prices during the cold wave has been downward, for the sun has been bright most of the time and cuts, especially of roses, have not been reduced as much as one might suppose. There have been enough Beauties, roses and carnations. Violets, of course, have suffered most of all, because of the impossibility of street wear. Cattleyas have come in strongly in the face of the cold, splendid Trianæ now being available in quantity at lower prices than have prevailed for a month. Jonquils, tulips and fuchsias have come in more abundantly, but have scarcely been needed; the outlet has not been such as to occasion any special request for flowers, the principal call being for stock for work. Valley has been scarce and at the open-

ORCHIDS

EXTRA FANCY CATTLEYA TRIANAE

Now that Orchids have become such an important part of the Retailer's stock, it is necessary that all buyers learn to distinguish between the varieties of Cattleyas. No high-class store can any more afford to hand out Percivaliana when Trianæ is to be had than a good hotel could afford to serve dried-apple pie instead of the real article.

Most of the growers are cutting Percivaliana, but we offer the choicest Trianæ in quantity.

BEAUTIES

A Fine Crop is on

We never are without Beauties of the very best quality. The present cut is large, and we can supply all lengths of stem. These Beauties are business-builders. Try them and you will find them so.

VIOLETS

Supply and Demand Both Center Here

Those who know this market recognize our house as Violet headquarters. Single or double, you will get the cream of the crops if you order of us. It is none too soon to begin thinking of St. Valentine's Day—the Violet's the flower.

KILLARNEYS

White and Pink

These are in good crop and we can supply as fine stock as this market ever saw, in quantity, for weeks to come. In fact, we never have been so well fixed to fill all orders as we are this January.

CARNATIONS

We have a heavy cut of Carnations, and the quality is right up to top notch—no danger of not getting your order filled if you send it to us.

All Greens of Best Quality.

FANCY VALLEY ALWAYS ON HAND

Chicago Market Brand—the finest.

Current Price List

ORCHIDS	Per doz.
Cattleyas	$6.00 @ $7.50
Dendrobiums	6.00 @ 7.50

AMERICAN BEAUTY	Per doz.
Extra long stems	$5.00
Stems 30 to 36 inches	4.00
Stems 24 inches	3.00
Stems 15 to 20 inches	$1.50 @ 2.00
Short..... per 100, $6.00 @ $10.00	

ROSES	Per 100
White Killarney, special	$12.00
" " select	$8.00 @ 10.00
" " seconds	4.00 @ 6.00
Killarney, special	12.00
" select	8.00 @ 10.00
" seconds	4.00 @ 6.00
Richmond, special	12.00
" select	8.00 @ 10.00
" seconds	4.00 @ 6.00

Extra special roses billed accordingly.

CARNATIONS	Per 100
Common	$2.00 @ $3.00
Select, large and fancy	4.00

MISCELLANEOUS	Per 100
Violets, New York double	$0.75 @ $ 1.00
" single	.75 @ 1.00
Easter Lilies	15.00
Callas.....per doz., $1.50 @ $2.00	
Valley, seconds	3.00
" select	4.00
" special	5.00
Daisies	1.00 @ 2.00
Sweet Peas	1.00 @ 1.50
Stevia	1.50 @ 2.00
Paper Whites	3.00
Romans	2.00 @ 3.00
Mignonette	6.00 @ 8.00
Trumpet	5.00
Freesia	4.00 @ 6.00

DECORATIVE	
Asparagus Plumosus..per string,	.50 @ .75
Asparagus Plumosus..per bunch,	.35 @ .50
Asparagus Sprengeri.. "	.25 @ .50
Adiantum, fancy, long ...per 100,	1.00 @ 1.50
" medium..... "	.50 @ .75
Smilax .....per doz., $1.50	10.00
Mexican Ivy .....per 1000, 6.00	.75
Ferns..... " 2.00	.25
Galax..... " 1.25	.15
Leucothoe Sprays	.75

Store open from 7 a. m. to 6 p. m.
Subject to market changes.

E. C. AMLING CO.

The Largest and Best Equipped Wholesale Cut Flower House in Chicago

68-70 E. Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central.

Remember that in 1912, as in previous years, we shall prefer to be known as

THE BEST Rather Than as the Largest

We Lead on Fancy Carnations

CURRENT PRICE LIST

CARNATIONS	Per 100
Good	$ 3.00
Select, large and fancy	$4.00 @ 5.00

ROSES	
White Killarney	5.00 @ 10.00
Killarney	5.00 @ 10.00
My Maryland	5.00 @ 10.00
Richmond	5.00 @ 10.00
Extra lengths of roses billed accordingly	
American Beauties ....per doz.,	$2.00 @ $5.00

MISCELLANEOUS	Per 100
Easter Lilies	$10 00 @ $12.50
Callas	12.50 @ 15 00
Valley	3.00 @ 4.00
Violets	$1.00 @ $1.50
Sweet Peas	1.00 @ 1.50
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00

DECORATIVE	
Asparagus Plumosus per string	$0.50 @ $0.75
Asparagus Plumosus per bunch	.35 @ .50
Asparagus Sprengeri per bunch	.25 @ .50
Adiantum, fancy, long	1.00
Smilax....per doz.,	$1.50 @ $2.00
Ferns....per 1000	2.00
Galax "	1.00
Boxwood....large bunches,	.25

Subject to Market Changes.

CHICAGO CARNATION COMPANY

Salesroom: 30 E. Randolph Street, Greenhouses, JOLIET, ILL. CHICAGO

Mention The Review when you write.

ing of the present week there was a sudden spurt in the call for white roses, short white mostly.

Hunt's Changes.

It is announced that Paul M. Bryant has purchased the controlling stock interest in the E. H. Hunt corporation from Mrs. Hunt and C. M. Dickinson, Mr. Dickinson retiring from the management of the business. No other changes are under contemplation.

The house of Hunt is among the oldest in the west. The business was established in 1878, by E. H. Hunt, who conducted it until his death, when the management devolved upon Mrs. Hunt's son, Mr. Dickinson. The business was incorporated in 1906. Mr. Bryant came into the business February 1, 1911, becoming secretary of the corporation. He is a young man, full of vim, but of conservative business training and well equipped to carry on the development of the property that now has come into his control.

Club Meeting.

The severities of a zero night did not serve to cut down the attendance at the annual election of the Chicago Florists' Club January 4, there being 171 members in good standing present to exercise the franchise. The meeting was held at the Bismarck instead of the Union, to get a larger hall. One of the first things done was to elect the forty-four new members whose names were published last month, to give them the right to vote. The balloting resulted as follows:

For president—P. J. Foley, 101; H. E. Philpott, 68.

For sergeant-at-arms—Michael Fink, 101; Geo. Goebel, 36; Geo. Grim, 13.

Carl Cropp withdrew, leaving the vice-presidency to D. A. Robertson. Secretary A. T. Pyfer and Treasurer E. F. Winterson were without opponents and H. N. Bruns, E. C. Amling and Walter Scott were the only nominees for trustees, three to be elected.

A. C. Kohlbrand occupied the chair during the election, John Zech, Joseph Foerster and George Asmus acting as tellers.

Mr. Philpott moved to make the presidential choice unanimous and President-elect Foley made a brief plea for coöperation to make a big success of the S. A. F. and H. E. Philpott gave assurances of his assistance. During Mr. Philpott's year in the chair the membership has increased more than in any other year in the club's history, ninety-one new members having been elected, and the report of Treasurer Winterson showed a balance of $1,104.32.

An offer from the Hotel La Salle of free use of rooms for meetings was referred to the trustees.

August Poehlmann moved to increase the secretary's salary to $125 per year. The chair asked to have it put in writing in the form of a resolution and introduced at the next meeting.

W. N. Rudd moved that all delinquents be put on the same basis by rebating all back dues in excess of $4. After long discussion this was lost.

Primula malacoides was exhibited by Vaughan's Greenhouses and two splendid cattleya flowers by Chas. J. Bond.

Visitors included C. C. Pollworth, Milwaukee, and I. Rosnosky, Philadelphia, both of whom are members.

Various Notes.

There has been a great deal of stock, both incoming and outgoing, frozen during the unprecedented spell of below zero weather. Wholesalers, retailers and growers all have had their troubles. Among the growers, it has been a struggle to keep from freezing up. It is reported that the worst loss among the growers has been sustained by A. E. Hunt & Co., whose boiler gave out during the cold weather. Mr. Hunt, who has selling space on the floor with J. A. Budlong and Sinner Bros., told Mr. Sinner that it would be several months before they would have anything more to market.

It is reported that John T. Muir has leased a store, 17 x 31 feet, in the new Goddard building to be erected at the southwest corner of Wabash avenue and Monroe street. The store adjoins the entrance to the building and the lease, which runs for ten years from the completion of the building at a term rent

WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS
SHIPMENTS EVERYWHERE
CUT FLOWERS
IMMEDIATE DELIVERIES
154 NO. WABASH AVE CHICAGO
PHONE CENTRAL 879

AMERICAN BEAUTIES
ROSES
CARNATIONS
ORCHIDS, GARDENIAS
VALLEY, VIOLETS
DAISIES, LILIES, Etc.
GREENS

At Lowest Market Rates

Weiland & Risch

154 N. Wabash Avenue
CHICAGO

Mention The Review when you write.

Studebaker

DELIVERY WAGONS

Can Be Bought for Only a Little More Than It Will Cost You to Have Your Old Wagon Repaired.

WILL YOU LET US PROVE IT?

THE STUDEBAKER CORPORATION
SOUTH BEND, IND.

Advr. No. 1516.



Mention The Review when you write

BEAUTIES

A Big Cut——Fine Quality——Mostly Long Stems

ROSES AND CARNATIONS

also in good crop. Fine stock in all varieties.

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Extra long	$5.00
36-inch stem	4.00
30-inch stem	3.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.25
Short stem	$0.75 @ 1.00

Perle	Per 100
Special	$8.00
Select	6.00
Medium	5.00
Short	4.00

		Per 100
Richmond		
Special		$10.00
Select		8.00
Medium		6.00
Short		$4.00 @ 5.00
Killarney, White Killarney, Mrs. Field, Maryland	Special	10.00
	Select	8.00
	Medium	6.00
	Short	4.00 @ 5.00
Sunrise		
Special		8.00
Select		6.00
Medium		5.00
Short		4.00

ROSES, our selection, $4.00 per 100.

CARNATIONS	Per 100
Select	$3.00
Fancy	4.00
Harrisii	per doz., $1.50 @ $2.00
Sweet Peas	$1.00 @ 1.25
Paper Whites	3.00 @ 4.00
Romans	3.00 @ 4.00
Stevia	2.00
Valley	3.00 @ 4.00
Violets	1.00 @ 1.25

	Per 100
Adiantum	$ 1.00 @ $ 1.50
Asparagus, sprays	2.00
" strings	60.00 @ 75.00
" Sprengeri	2.00
Smilax	per doz., $1.50
Ferns	per 1000, 2.00
Mexican Ivy	.75
Galax, green or bronze	per 1000, 1.00
Leucothoe	.75
Boxwood	bunch, 25c

Subject to change without notice.

Order from us and get the freshest stock and of best keeping quality and have the assurance of supplies such as can only come from 2,000,000 FEET OF MODERN GLASS.

PETER REINBERG

35 E. Randolph Street, L. D. Phone Central 2846. **CHICAGO**

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of $90,000, includes also 2,000 square feet of basement space. Mr. Muir has stores and greenhouses at Thirty-sixth street and Michigan boulevard, and at Forty-seventh street and Grand boulevard.

The annual meeting of the Horticultural Society of Chicago, which was scheduled to be held at the Art Institute January 9, was postponed to Tuesday, April 9.

John Mangel has been sued for $10,000 damages by a woman who claims to have been injured when the awning fell in front of Mr. Mangel's store some months ago.

Poehlmann Bros. Co. has joined the ranks of those who are introducing Double White Killarneys. They describe theirs as the Poehlmann strain.

J. F. Bernard has given up the lease on the N. P. Miller greenhouses at Wilmette and is again with Fischer Bros., Evanston.

Peter Reinberg is propagating 100,000 American Beauties for his own replanting needs this season.

N. J. Wietor has recovered from an exceedingly severe cold.

Emil Buettner, C. L. Washburn, E. B. Washburn and Andrew Benson went to Detroit on the Michigan Central's flyer Tuesday afternoon.

George Reinberg has placed an order for 10,000 My Maryland for early spring planting.

E. H. Hunt and Bassett & Washburn have renewed their leases at 131 North Wabash avenue.

August Grossman is offering his establishment for sale or rent.

B. J. Blameuser says that with one possible exception the Niles Center carnation growers have cut more flowers per plant than they had at this date last season.

Charles Zapfe has been doing right nicely since his start at Sixty-first street and South Park avenue. Overhead expenses are small and business exceeded expectations up to the time the cold wave struck.

Frank Johnson, of the A. L. Randall Co., started January 7 for one of his periodical two weeks' trips with a line of samples of florists' supplies. Perhaps it was because of weather conditions that he headed south.

E. E. Pieser and wife went to West Baden January 8, expecting to meet H. R. Fisher and wife, of Kalamazoo.

Kyle & Foerster say that the principal trouble during the zero weather has been to clean up on violets.

C. W. McKellar lost a big shipment of fine eastern valley January 6, frozen in transit.

The Chicago Carnation Co. says the rooted cuttings business has started off heavy this season.

At Winterson's Seed Store everybody is busy. Editor Degnan is writing the spring catalogue, a force of girls is papering seeds and everyone else is working on inventory.

Two large bungalows, on lots adjoining, have been purchased in Birchwood by Messrs. Baumann and Gelderman, of L. Baumann & Co. David Chambers, formerly a salesman for Sanger Bros., of Dallas, Tex., is now Texas representative for Baumann & Co.

P. L. McKee, of J. C. Moninger Co., was on the sick list early this week.

The E. C. Amling Co. reports the practical completion of the new range of Wendland & Keimel, probably the larg-

KILLARNEYS WHITE PINK

Also a good cut of RICHMONDS, CARNATIONS, VALLEY, ETC.

Give us a share of your orders. We know we can please you.

Batavia Greenhouse Co.

Greenhouses: Batavia, Ill. **L. D. Phone 2995 Randolph** **Store: 30 E. Randolph St., CHICAGO**

Mention The Review when you write.

est addition to be made to any Chicago establishment for next season.

It is reported that E. P. Bunck has sold his interest in the Andersen Specialty Co., manufacturers of Daylite Glass Cleaner, to Mr. Andersen.

Harry Garland, of Geo. M. Garland Co., has been making a three days' visit at Cleveland and vicinity.

A postal from Curtis Kindler, of the Raedlein Basket Co., shows him in Germany, where he is selecting the Easter line of baskets.

H. N. Bruns says that last week brought him more calls for cut valley than he could fill, in many cases only half the orders being sent out.

The Chicago Pump Co. has moved its office and factory to larger and more desirable quarters at 906-910 West Lake street; increasing business being the cause of the change.

Visitor: Mr. Reid, representing Currie Bros. Co., Milwaukee.

CINCINNATI.

The Gateway of the South.

Last week started with business quite brisk, the close, however, being far different, as no one line cleaned out entirely and a larger or smaller quantity of everything was held over for the early part of this week's business. The opening of this week was essentially the same as the close of the preceding one; none of the buyers hurried around as though they were anxious lest they be unable to secure a sufficient amount of stock.

The supply of all kinds of roses is adequate, Killarney and White Killarney naturally being the leaders, and it may be added that some elegant stock is being offered in both of them. Richmond offerings, too, include some fine stock, while good Brides, Ivory and Golden Gate can also be easily obtained on Third avenue. American Beauties are finding a ready request.

The shipment of carnations into the wholesale houses is large; in fact, at the time of this writing larger than necessary, but the good ones have been cleaning up fairly well. The culls, of course, do not move rapidly and prices have shaded considerably.

In other stock, some lines are finding a fair call, while others are not so active. Last week was the first one in which all single violets failed to move promptly; the choice sold in a hurry, while smaller stock did not sell at all. Doubles, too, are somewhat slow.

WESTERN

Chas. W. McKellar

ORCHIDS

162 N. Wabash Avenue, CHICAGO

Headquarters

CURRENT PRICES

ORCHIDS			
Cattleyas, Trianae	Per doz.,	$7.50 @	$ 9.00
" Percivaliana	"		6.00
Cypripediums	"		2.00
Dendrobium Formosum, white	"	5.00 @	6.00
Oncidium, yellow	"		5.00
Boxes assorted Orchids, $5.00 and up.			
AMERICAN BEAUTY—Specials,	Per doz.,		5.00
36-inch	"		4.00
30-inch	"		3.00
24-inch	"		2.50
20-inch	"		2.00
15 to 18-inch	"		1.50
Shorter	"	.75 @	1.00
Killarney	Per 100,	4.00 @	10.00
White Killarney	"	4.00 @	10.00
My Maryland	"	4.00 @	10.00
Richmond	"	4.00 @	10.00
Mrs. Field	"	4.00 @	10.00
ROSES, our selection	"		4.00
" extra special, select	"		12.00
CARNATIONS			
Select	Per 100,	2.00 @	3.00
Fancy	"		4.00
MISCELLANEOUS STOCK			
Gardenias	Per doz.,	3.00 @	6.00
Valley	Per 100,	3.00 @	4.00
Easter Lilies	"	12.50 @	15.00
Violets, double		.75 @	1.00
" single		.75 @	1.00
Sweet Peas		1.00 @	1.50
Paper Whites		3.00 @	4.00
Romans		3.00 @	4.00
Stevia			2.00
Mignonette		6.00 @	8.00
Bouvardia		6.00 @	8.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 @	.60
Asparagus Plumosus	Per bunch,	.35 @	.50
Asparagus Sprengeri	"	.25 @	.50
Adiantum	Per 100,	.75 @	1.00
Farleyense	"		12.00
Smilax	Per doz.,	$1.50	
Mexican Ivy	Per 1000,	6.00	.75
Ferns	"	2.00	.25
Galax, green	Per 1000,		1.00
" bronze	"		1.00
Leucothoe	Per 100,		.75
Wild Smilax	Per case,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Subject to market changes

ORCHIDS—SPECIAL

We have an unusually large and fine supply of that splendid orchid, Cattleya Trianae. Also a large crop of Percivaliana at lower prices.

CHAS. W. McKELLAR

162 N. Wabash Avenue, CHICAGO

Mention The Review when you write.

Lilies, both longiflorum and callas, sell nicely. The supply of narcissi and Romans has let up considerably, but the market for them has not grown better in a proportionate inverse ratio; it remains the same as at the time of the last letter. Sales in valley have been good, but not sufficient to clean up the offerings. Orchids are in demand locally for corsages for the many social affairs. Stevia, cut begonias of the Lorraine type, and a few cut poinsettias are the other flowers offered.

Business in green goods has been excellent and the shipping demand for them is stronger than the demand for flowers.

Club Meeting.

It was impossible to get a quorum together for the club meeting Monday, January 8. Only five, President Gus Adrian, Secretary Alex. Ostendarp, R. Witterstaetter, O. H. Hoffmeister and Chas. H. Hoffmeister, summoned courage enough to face the wintry blasts; they were "some blasts," too.

Various Notes.

The fine Princess of Wales violets that E. G. Gillett is receiving from



A McCray Display Case

will certainly boost your sales. We build them in stock sizes and to order, to suit individual requirements. The one shown in the illustration was built to order and is a splendid example of our work.

McCRAY REFRIGERATORS

in all styles and sizes are shown in our beautiful free catalogue No. 72, which is yours for the asking. Write for one and find out how to change your chance buyers into steady, year after year customers.

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and our Special Assortments. Largest dealers in Goldfish and Aquarium Supplies in the United States. Sea Moss, Japanese Fish.

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PHONE HAYMARKET 152

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PERCY

Not the Oldest

Nor the Largest

Just the Best

56 East Randolph Street, CHICAGO

JONES

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Hoppe at Adrian, Mich., are bringing the highest prices of any in the market.

Wm. Murphy went to Detroit this week to show blooms of Delhi. Al. Sunderbruch also decided to go.

C. C. Murphy has a lot of callas that are as tall as an average man. The blooms are fine in proportion.

The Cincinnati Cut Flower Exchange has been doing a rushing business in leucothoe.

J. Albert McCullough lost his sister, Mrs. Elizabeth Strong, of Pleasant Ridge, who died last Saturday. Advices state that the grim reaper removed Mrs. Henry Behrens, the wife of the Middletown, O., florist, on the same day.

L. H. Kyrk's Killarney have been cleaning up quickly each day.

Wm. Murphy states that another fine looking batch of Delhi cuttings have just been put in the sand.

Visitor: Frank Johnson, of the A. L. Randall Co., Chicago. C. H. H.

EVANSVILLE, IND.

The Market.

Usually business is dull just after the holidays, but such is not the case here this time. Decorations for New Year's affairs were quite elaborate, and since then parties have been frequent. Roses are scarce, but carnations are more abundant. We are having some of that



BEFORE

No loss if you mend your split carnations with **Superior Carnation Staples**

50c per 1000 postpaid



AFTER

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GIVE QUALITY!

This is our motto and applies to anything you may order; not Roses, nor Carnations, nor Lilies—but

EVERYTHING.

Philadelphia Cut Flower Co., 1517 Sansom Street, Philadelphia, Pa.

OPEN UNTIL 6 P. M.

cold weather that we read about up north, the thermometer dropping to 13 degrees below zero Sunday morning, January 7. It snowed all day January 6 and we have about six inches of it.

Various Notes.

The Wm. Blackman Floral Co. reports a good trade, funeral work being quite heavy. The store employees held their annual banquet at noon January 3, the occasion being in honor of the forty-ninth birthday of George Blackman. Covers were laid for eight people and an enjoyable time was had. Toasts were given and responded to.

Julius Niednagel & Sons have been busy with funeral work and parties since New Year's. There seems to have been no slump in business with them. They are having a nice cut of roses, carnations, violets, hyacinths, etc.

Ben Kramer has been receiving some nice carnations from Otto Kuebler, of Newburg, Ind. Trade is good with him.

Karl Zeidler has to hustle around in order to get enough flowers for his trade.

Louis Fritsch is quite a weather prophet. He predicted a cold spell; we got it. His carnations are in fine condition.

Royston & Fenton report a scarcity of roses. E. L. Fenton was at the poultry show nearly all the week, being a member of the association and an exhibitor. H. J. Royston also exhibited some of his poultry. E. L. F.

COLUMBUS, O.

The Market.

Trade has been good since Christmas, with stock rather scarce on account of cloudy weather, especially carnations, of which there have hardly been enough to go the rounds on several occasions. Roses are coming fine, but quantity is just about equal to the demand. Sweet peas have been scarce and the demand heavy. There was quite a call for valley last week and the local stock was all used up, as well as quite a few shipments from outside.

The demand for New Year's flowers was not up to expectations, but still there was quite a good deal of stock moved. Pot plants have moved rather slowly since Christmas.

Various Notes.

Sherman Stephens reports heavy business out his way.

The Fifth Avenue Floral Co. had the misfortune to be put out of business for a few days on account of a fire January 5. The entire rear of the building and the third floor was about cleaned out completely. Luckily the part occupied by this firm suffered the least damage and they were all ready for business January 10, by boarding up about fifty feet back from the front.

E. Metzmaier is trying to get caught up with his collections, which fell behind during the Christmas rush.

Jas. McKellar, of the Fifth Avenue Floral Co., wrenched his knee badly in running for a car on the morning of January 2, and he has been laid up ever since.

Ben Flynn is on deck at Graff Bros., following his operation, and is getting on nicely. J. M.

Akron, O.—McFarlands, Florists, had a highly satisfactory holiday business. Nearly all available stock was cleaned out. The plant trade was especially good.

MICHELL'S WHOLESALE PRICE LIST
1912

Is not the usual Trade List, but is chock full of good, valuable information and suggestions. Descriptive, Illustrated and Complete, with all the material that the progressive florist may need. Eighty large pages are especially designed to help the Florist and bound in a book which should be on the desk of every good Grower and Storekeeper in the country.

We will gladly send it to you free. Just drop a postal
Addressed to the Wholesale Dept.

HENRY F. MICHELL COMPANY
Distinctive Florists' Seeds, Bulbs and Plants
518 Market Street **PHILADELPHIA, PA.**

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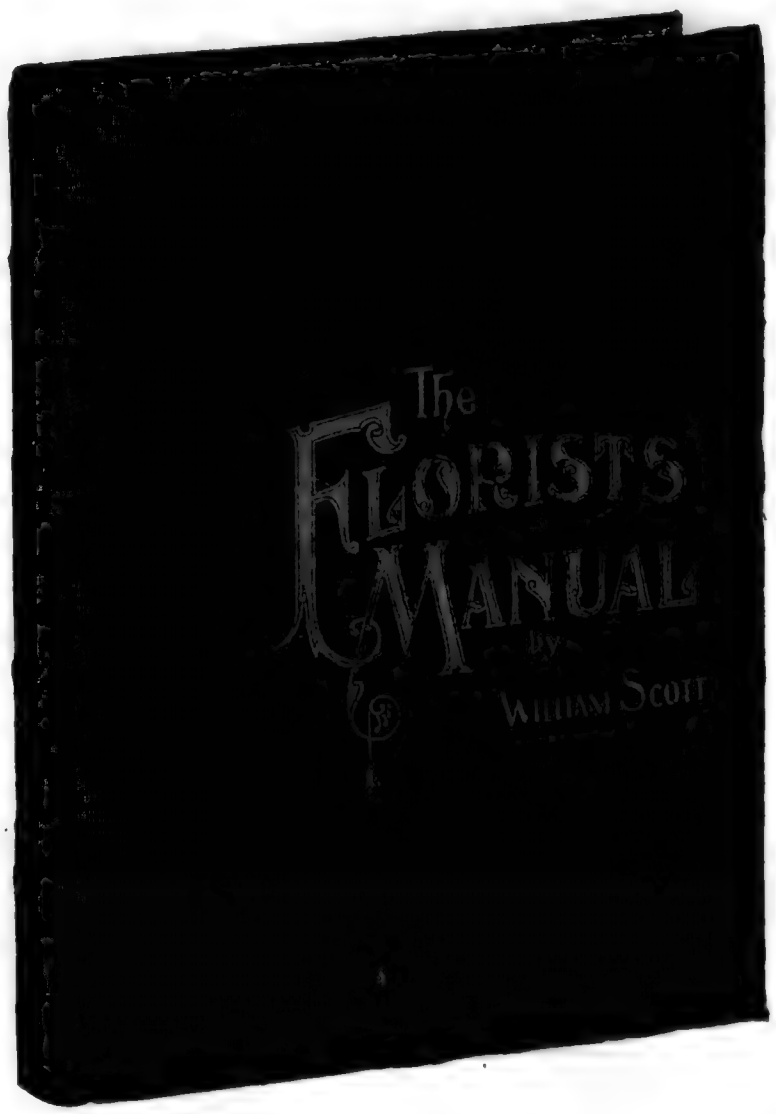
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The Pine Tree Silk Mills Co.
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By William Scott

SECOND EDITION

THOROUGHLY REVISED AND BROUGHT UP TO DATE

NO SCIENCE, BUT LOTS OF PRACTICAL COMMON SENSE

"I have several times been consulted by those who would make a beginning in the Florists' business. In each case I have said that the first step is to subscribe for a Trade Paper, and the next to procure a copy of the Florists' Manual." —J. A. VALENTINE, Pres. Park Floral Co., Denver, Colo.

"Find enclosed $5 for the Florists' Manual, by William Scott. It is the best book of the age on commercial floriculture and should be in the home of every gardener."—CONRAD FORBACH, Buffalo, N. Y.

No dry-as-dust botanical classifications, but tells you just how to produce marketable plants and cut flowers in the best and cheapest way.

Full Cultural Directions Under Each of these Heads

Abutilon
Acacia
Acalypha
Acanthrophœnix
Acer japonicum
Achillea
Achimines
Achyranthes
Acrophyllum
Adiantum
Agapanthus
Agave
Ageratum
Allamanda
Alocasia
Aloysia
Alternanthera
Amaranthus
Amaryllis
Ampelopsis
Ananas
Annuals
Anthericum
Anthurium
Antirrhinum
Aponogeton
Aquatics
Araucaria
Ardisia
Aristolochia
Asparagus
Aspidistra
Asplenium
Aster
Astilbe japonica
Azalea
Balsam
Basket plants
Bay trees
Bedding plants
Begonia
Bellis
Boston Ivy
Bottle Brush
Bottom heat
Bougainvillea
Bouvardia
Bromeliads
Browallia
Bulbs
Cactus
Caladium
Calamus
Calceolaria
Camellia
Candytuft
Canna
Carludovica
Carnation
Celosia
Centaurea
Cheiranthus
Chorizema
Chrysanthemum
Cineraria
Clematis
Cobæa
Cold frames
Coleus
Cosmos
Cotyledon
Crinum
Crocos
Croton
Cycas
Cyclamen
Cytisus
Dahlia
Decorations
Decorative material
Decorative pl'ts
Deutzia
Dianthus
Dracæna
Drainage
Easter plants
Epacris
Epiphyllum
Erica
Eriostemon
Eucharis
Eupatorium
Euphorbia
Ferns
Fertilizers
Ficus
Fittonia
Floral Arrangements
Freesia
Fuchsia
Fungicides
Gardenia
Geranium
Gesnera
Gladiolus
Glazing
Glechoma
Gloxinia
Grasses
Greenhouse bldg.
Grevillea robusta
Gypsophila
Hardy climbers
Hardy perennials
Hardy shrubs
Heating
Hedera (Ivy)
Hedge plants
Heliotrope
Hibiscus
Hollyhock
Hotbed
Hoya
Hyacinth
Hydrangea
Impatiens
Insecticides
Iresine
Jasminum
Kalmia
Kœniga
Lantana
Lapageria
Lawns
Libonia
Lilium
Lily of the Valley
Linum trigynum
Lobelia
Lysimachia
Manettia
Maranta
Martinezia
Maurandya
Metrosideros
Mignonette
Mimulus
Moonflower
Mulching
Musa
Mushroom
Myosotis
Narcissus
Nasturtium
Nepenthes
Nierembergi
Oleander
Orange
Orchid
Othonna
Oxalis
Packing flowers
Packing plants
Palms
Pancratium
Pandanus
Panicum var.
Pansy
Pelargonium
Pennisetum
Peony
Peperomia
Perilla
Petunia
Phlox
Pinks
Poinsettia
Potting
Primula
Pronouncing Dictionary
Rhododendron
Richardia
Ricinus
Rose
Salvia
Santolina
Sedum
Seed sowing
Selaginella
Shading
Skimmia jap.
Smilax
Soils
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CARNATIONS

are more plentiful and quality very choice. Our supply consists mostly of the better and newer varieties, and is far superior to what is usually offered in Carnations. We are

Headquarters for Mrs. C. W. Ward and Alma Ward

The finest carnation on the market for size and quality. Prices very reasonable.

White Freesia, per 100, $5.00. Long stems, pure white—quality the best.
Valley, $3.00-$4.00 per 100. Our supply of Valley is exceptionally fine.
Single Daffodils, per 100, $4.00. **Pansies,** per 100 bunches, $8.00.

The Leo Niessen Co. WHOLESALE FLORISTS
N. W cor. 12th and Race Sts., PHILADELPHIA, PA.
Open from 7 a. m. to 8 p. m.

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PHILADELPHIA.

The Market.

The market has fallen off a little. The severe cold and snow have had more effect on the demand than on the supply. People do not shop much in arctic weather. This eliminates transient business in the shops and on the street. The shipping orders are the strength of the market. The orders, particularly for the south, are just as heavy as before the wintry change in weather. They call for much fine stock. The local shops are not so lively as a week ago, although the fashionable florists have all they can do in supplying flowers for the social events. The general market is so much in their favor that they can buy all but fancy stock at moderate prices. The absence of the job lot buyers on Saturday was felt. Many odds and ends were left over that would ordinarily have been sold. Carnations have increased in number and fallen in price more than other flowers. Beauties are firm; other roses are easy, except the top grades. Daffodils, mostly Trumpet Major, are sufficiently plentiful for active trading. Freesia has come and there are some tulips of only moderate flower and stem in all colors. Snapdragons are off crop and hard to obtain. Wallflowers are in fair supply. Asparagus is in brisk demand.

White roses of the shorter grades are in active demand at prices that are better than those paid for colored. Many shipments arrived partly frozen January 5 and 6.

The First Assembly.

A terrific gale was blowing down Walnut street, the wind roaring and whistling around the corner of the great hotel at Broad in a way that made the pedestrians duck their heads and gasp for breath as they scurried along. The thermometer was hovering around 10 degrees, the sudden change from the day before making it seem more like 10 below. The bright lights twinkled invitingly from the windows of the flower shop in the Bellevue-Stratford. Inside was a southern tropical scene, enlivened by northern activity. The refreshing green of palms and ferns and the soft colors of the flowers, with their delicate perfume, were in striking contrast to the fierce winter blast outside. Salesmen, clerks and delivery boys were actively engaged under the direction of the senior member of the firm. "Wait a moment," he said, and a few moments later, "We have a little decoration upstairs that I would like you to see; this young man will show you the way." Through the corridors of the Bellevue-Stratford, up to the second floor, where the ball room, so perfect in proportions and in architectural beauty, was in evening dress, we went.

It was the night of the First Assembly ball. The decorations of the ball room were beautiful. There was no attempt at elaborate display, simply the touch that the Habermehls so well understand, which enhances rather than overshadows the natural beauty of the ball room. A bank of green foliage, plants without a blemish, screened the orchestra. Specimen pans of Begonia Glory of Cincinnati, birch-bark-covered, arranged to bring out their glowing beauty; specimen plants of bird's nest fern (Asplenium Nidus Avis) surmounting the pillars; old-fashioned smilax, gracefully twined, shaded electric lights—that was all, but done by a master's hand.

In a room adjoining, Edward Habermehl disclosed a pre-Assembly dinner; sixty-two covers; a hollow oblong table with rounded corners, the center filled with ferns with just a little touch of color, the ferns arranged with studied care to produce that natural effect that seems so easy when you have it done

FINE ROSES

Richmond, Killarney, White Killarney and

PRINCETON, OUR EXCLUSIVE NOVELTY

Carnations Violets Easter Lilies
Callas Paper Whites Daffs

And all seasonable varieties of CUT FLOWERS and GREENS

Call, phone, write or wire to

BERGER BROS.

Wholesale Florists
140-142 North 13th Street, Philadelphia, Pa.

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Carnation Special!



Carnations are now at their best—splendid, fine large flowers with good stems. We have two unusually attractive specials for the coming week.

Special No. 1—The very best quality, our selection as to color, **in lots of 500 or more....$4.00 per 100**

Special No. 2—A very good medium quality, **in lots of 500,** our selection as to color.... **3.00 per 100**
$25.00 for a thousand.

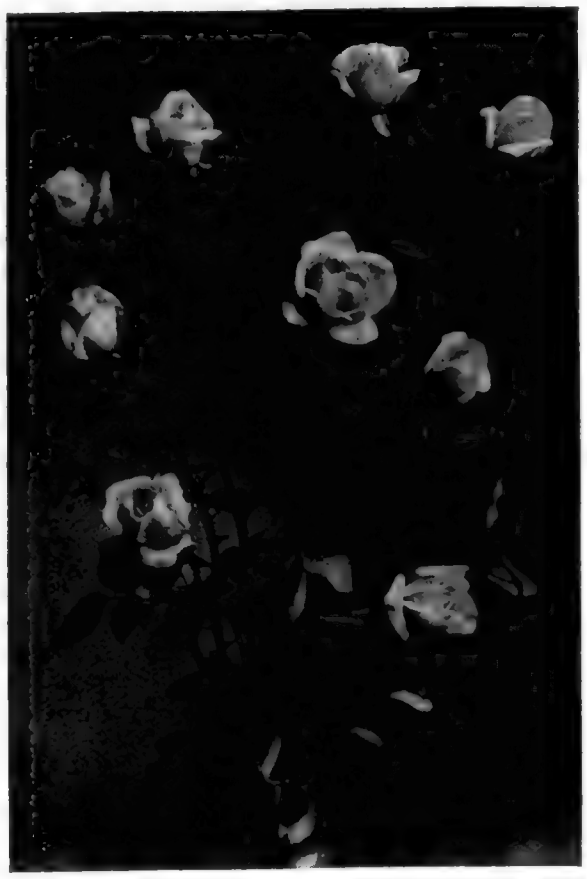
Violet Special—We are supplying our customers with Hudson River Violets through our New York store, with very gratifying results as to freshness and quality. The flowers arrive in New York about 4 or 5 p. m. daily and are the same day's picking.

We will also have a full supply of these daily at our Philadelphia and Washington stores. Our Southern customers should order direct from Washington. **Season Contracts made at attractive prices. Write us.**

1912 Some Splendid New Roses

Double White Killarney, Budlong Strain.

As a white Rose it has no equal. In the winter time very much better than the original White Killarney, and as a summer rose it is far better than Kaiserin, heretofore our best summer rose; a money maker for all.
Grafted, 100, $30.00; 1000, $250.00 Own Root, 100, $25.00; 1000, $200.00



Killarney Queen, Budlong Strain

A heavier, more vigorous grower, larger flower than Pink Killarney, about the same petalage. Does not fade out in dark weather, but holds its color. A magnificent rose, something very much above the ordinary. To be fully appreciated, it must be seen.
Grafted, 100, $30.00; 1000, $250.00 Own Root, 100, $25.00; 1000, $200.00

Sunburst

A yellow that we believe will prove to be the very best of the yellows, a striking rose, brilliant in effect, good grower, and bound to be a good seller.
Grafted, 100, $35.00; 1000, $300.00 Own Root, 100, $30.00; 1000, $250.00

	Grafted.	Own Root
Aaron Ward	$ 20.00 per 100; 150.00 per 1000;	$ 10.00 per 100 90.00 per 1000
Lady Hillingdon	25.00 per 100; 200.00 per 1000;	20.00 per 100 150.00 per 1000
Melody	No Grafted Stock	12.00 per 100 100.00 per 1000
Mrs. Taft	$ 15.00 per 100; 120.00 per 1000;	7.50 per 100 60.00 per 1000
Double Pink Killarney	20.00 per 100; 150.00 per 1000;	12.00 per 100 100.00 per 1000
My Maryland	15.00 per 100; 120.00 per 1000;	10.00 per 100 90.00 per 1000
Killarney	15.00 per 100; 120.00 per 1000;	7.50 per 100 60.00 per 1000
White Killarney	15.00 per 100; 120.00 per 1000;	7.50 per 100 60.00 per 1000

Write for our descriptive 8-page circular on these Novelties.

MARY COLLADAY (Pink Garza)

A beautiful pink spray Chrysanthemum, something new, unusual, nothing like it among Chrysanthemums. Well established, 2¼-in. stock. Dozen, $4.00; 100, $25.00.

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CREPE PAPER, Waterproof
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and is so extremely difficult to do. In the room beyond was another dinner decoration, also of plants, with more colors and less foliage in the hollow center. Mr. Habermehl said there were several other dinner tables to be arranged with flowers.

The supper tables were decorated entirely with pink roses. The effect from the doorway was indescribably beautiful—delicate pink and white and green, illuminated by soft, shaded lights, in striking contrast to the bitter night outside.

February Meeting.

J. Otto Thilow, president of the Florists' Club of Philadelphia, has planned a particularly fine meeting for Tuesday evening, February 6. It is understood that Arthur A. Niessen will have an able essayist, probably on carnations, on that evening. Some say it will be Edmund A. Harvey; others assert it will be Henry M. Weiss himself. Be that as it may, there will be an essay of merit. Then, Mr. Thilow said: "We are promised a visit from Richard Vincent, Jr., president of the Society of American Florists, who will speak at this meeting." Furthermore, there will be the reports from our fellow citizens of what they saw at Detroit during the meeting of the American Rose and Carnation Societies. Last, but by no means least, there will be refreshments; Mr. Thilow has abiding faith in refreshments as a magnetic power.

Exhibits of roses, carnations and other flowers of merit are cordially invited; they will be judged by the exhibition committee and viewed by the members. Intending exhibitors should send their flowers, prepaid, to David Rust, Horticultural hall, Broad street below Locust, in time to arrive Tuesday afternoon, February 6.

Various Notes.

Robert Pyle, president of the Conard & Jones Co., has gone to Detroit to deliver his illustrated lecture on "Roses Abroad," before the American Rose Society, January 11. Mr. Pyle, who was the American judge in the rose garden of the Bagatelle, Paris, France, last June, has some exceptionally fine

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Ferns——Galax——Moss

HEADQUARTERS FOR SOUTHERN WILD SMILAX

$3.00, $4.00 and $5.00 per case.

New Fancy Ferns
Per 100.....20c Per 1000.....$1.50

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000..... 5.00

Boxwood
Per lb.....20c Per case of 50 lbs.... 7.50
Per case of 100 lbs.....$14.00

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000.....$7.50

Green Galax Leaves
Per 1000..... 1.00 Per 10,000..... 7.50

Mexican Ivy
Per 100.....75c Per 1000..... 6.00

Green Sheet Moss
Per bundle.....$1.00 10 bundles ....$ 9.00
25 bundles..... 21.00

Sphagnum Moss
Large bales.....$1.50 per bale

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CHAS. S. LEE & CO., - - Evergreen, Ala.

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material, worth going a long wa to hear and to see.

J. D. Eisele sailed for Plymouth on the Kronprinzess Cecilie January 4, for a brief business trip abroad. He goes to look over the plants in England and on the continent; he will return the end of February.

Robert Crawford, Jr., featured the Princeton rose at Christmas and found it most satisfactory.

Maurice Fuld has left for a visit among his old friends down east. He will be away for several weeks.

Robert A. Stewart is now with T. Neilson Geiger.

"Don't write—send a flowergram," is the bright New Year door mat at Charles Henry Fox's.

The wedding of Miss Emma Kaufman and Isaac M. Bayersdorfer, brother of the merchant prince, will take place at the Lorraine, January 14.

John Berger left for Detroit January 9, with a fine exhibit of Princeton roses.

The Johnson Seed Co. will issue its new catalogue in a few days.

Eugene Bernheimer is making a hit with pussy willows. His sweet pea crop is still large.

Edward Reid has a pretty variety in cut blooms of baby primrose. His carnations, cattleyas and valley bear the bright colors of the Reid brand.

The Germantown Horticultural Society held its monthly meeting January 9. A prominent speaker of ability and modesty rewarded the faithful for braving a snow storm.

Edward G. Bowers has been added to the staff of M. Rice & Co.

Fire destroyed the home of Louis Berger on the night of January 5. Mr. Berger, his wife and son sought shelter nearby. Most unfortunate; the only

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Galax, 75c per 1000; $6.50 per case of 10,000. **New Bronze** now ready, write for prices.



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Laurel Festooning, the best, 4c, 5c and 6c per yard.
The finest **Laurel Wreaths** made, $3.00 per dozen.
Branch Laurel, 35c for large bundle.
Sphagnum Moss, $4.00 per bale.
Bouquet Green, 8c per lb.
Southern Smilax, $5.00 per case of 50 lbs.
Green Moss, $1.25 per bbl.
Partridge Berries, 10c per bunch of 50 sprays.

A Special Lot of GROUND PINE, only $6.00 per 100 lbs. First come, first served.

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Galax, Ferns, Leucothoe



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Address all communications to our home office, Banners Elk, N. C.

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LOOK! ACT!

Fancy Ferns.....$3.00 per case of 5000
Green Leucothoe, long lengths .....$1.75 per 1000
Green Leucothoe, 10 to 16-in. lengths... .90 per 1000
Order now. Stock guaranteed. Cash with order.

F. H. STINSON, Banners Elk, N. C.



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Discount on large orders. Eighteen years in the business. Send me your orders.

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WM. C. SMITH
Marion, North Carolina

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Everything in Southern Evergreens

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Big Creek Evergreen Co., Boomer, Tenn.

We are now shipping

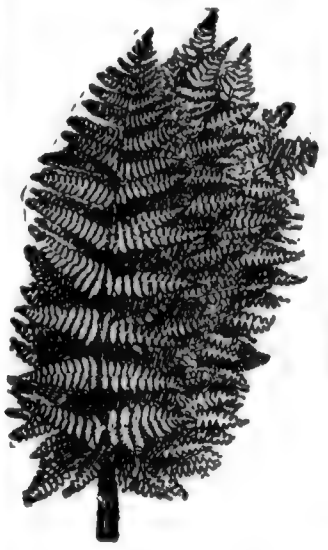
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Natural and Perpetuated

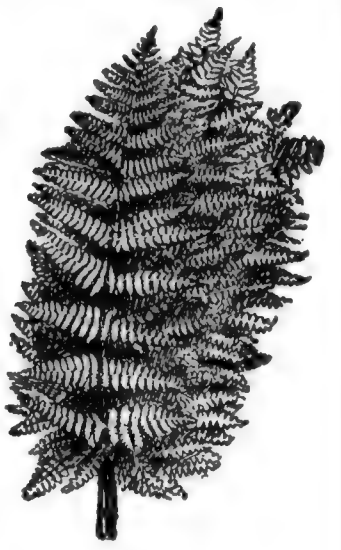
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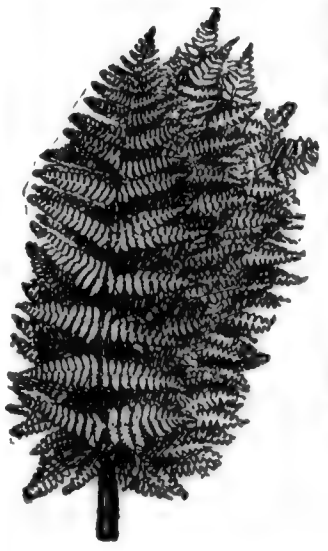
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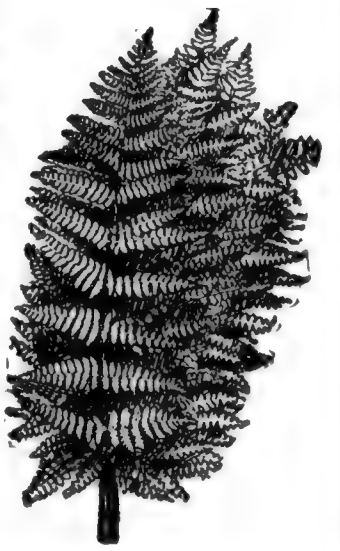
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Place your standing orders with us.
Full supply all the year around.



Imported green and bronze Magnolia Baskets, $2.25; 6 baskets	each,	$2.00
Galax Leaves, green and bronze	per 1000,	1.25
Green Leucothoe Sprays, extra fine	per 1000,	7.50
Boxwood	per lb., 20c; per case, 50 lbs.,	7.50
Wild Smilax	50-lb. case,	5.00
Sphagnum Moss	large bales,	1.50



Full supply Cut Flowers at all times.

Michigan Cut Flower Exchange

38-40 Broadway, Detroit, Mich.

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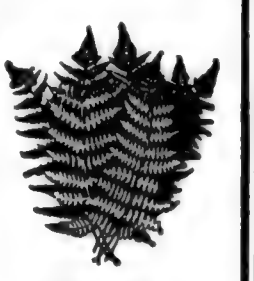
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Green Leucothoe, 10 to 16-in.	per 1000,	1.00
Green Leucothoe, regular lengths	1000,	1.75



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Cash with Order.

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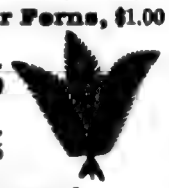
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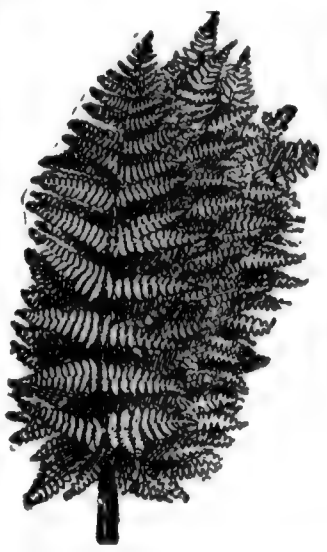
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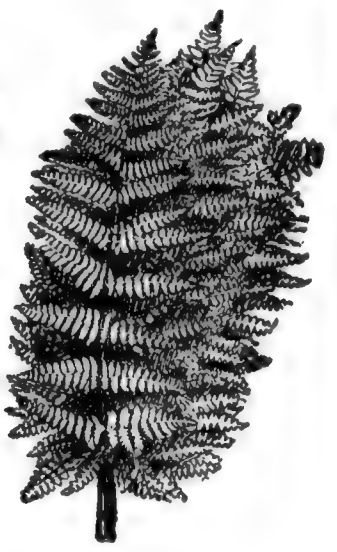
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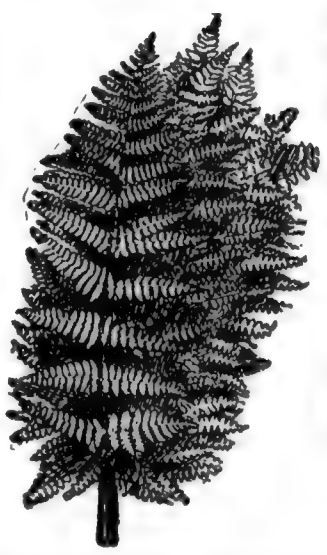
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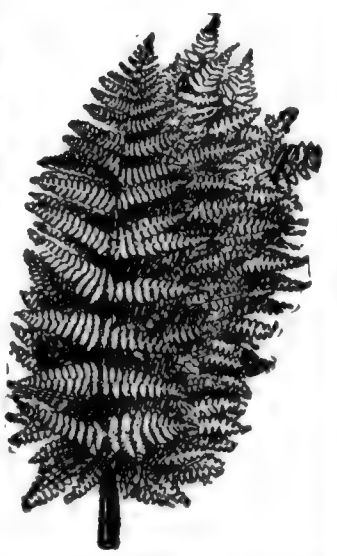
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Various Notes.

Andrew Christensen, of Stoneham, is one of our largest carnation specialists. He still grows the Queen more largely than any other variety and finds it decidedly profitable. He grows Pink De-

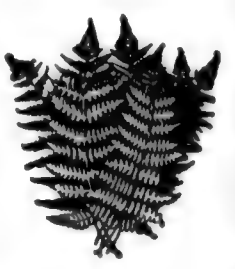
BRONZE GALAX

Send us your orders if you want the best quality and immediate shipment. Having control of twelve thousand acres of galax territory, we are in position to handle orders for any quantity.



Give us a trial order and our quality, price and promptness will make you a regular customer.

Bronze Galax	per case of 10,000,	$4.00
Fancy Ferns	per case of 5000,	3.50
Green Leucothoe, 10 to 16-in.	per 1000,	1.00
Green Leucothoe, regular lengths,	1000,	1.75



Wire us Elk Park, N. C.
Cash with Order.

J. H. VON CANON & CO., Banners Elk, N. C.

Mention The Review when you write.



FANCY

When in Need of Extra Fine Quality CUT FANCY or DAGGER FERNS



DAGGER

—Write to—

"The Fern Men"

L. B. BRAGUE & SON {Since 1867} **HINSDALE, MASS.**

Always mention the Florists' Review when writing advertisers.

light, but is by no means ready to drop Enchantress. White Enchantress and Beacon do particularly well with him.

Mr. Rosenthal, of the Boston Cut Flower Co., 14 Bromfield street, reports a heavy Christmas business. He keeps a thoroughly up-to-date store and his trade is steadily growing. He has recently made some large and tasteful funeral designs.

Dobbins & Shannon, of Woburn, and R. H. Little, of Winchester, are heavy shippers of high grade single violets to the Boston Coöperative Flower Market.

Thomas Pegler is headquarters for Freesia Purity at the Boston Flower Exchange and receives large daily shipments of them from S. J. Goddard, Willow Hill Greenhouses, H. Waldecker and R. D. Kimball, of Waban.

Everett E. Cummings, of Woburn, one of our leading violet specialists, handles some thousands of fine Princess of Wales flowers daily at the Boston Flower Exchange. He will discontinue growing winter vegetables after this season and will plant carnations and mums in their stead, using vegetables as a spring and summer succession.

Donald Carmichael, of Wellesley, has extra fine Carnation Conquest and mignonette at the Boston Coöperative Market.

Matthew F. Ruane, former salesman for Peirce Bros., but now operating a retail store at Waltham, reports business as decidedly good.

The Newtonville Greenhouses are shipping a fine lot of Killarney, White Killarney, Mrs. Jardine and Bon Silene roses to the Boston Flower Exchange.

The Flower Growers' Sales Co. reports business brisk. They are receiving a splendid lot of Cattleya Trianæ and gardenias from their growers. Carnations from F. P. Putnam and Halifax Gardens Co. are also of the top notch quality. Of roses they have large shipments.

Mann Bros. are cutting a fine lot of Formosa lilies. They also have quantities of Dutch hyacinths, tulips, including La Reine, and yellow daffodils in quantity.

Robert Hutcheon, of Stoughton, is a large shipper of Paper Whites at the Boston Coöperative Market, also a nice lot of carnations.

A splendid entertainment is prepared for ladies' night at the Gardeners' and Florists' Club January 23. The newly elected officers will be installed the same evening.

The Boston delegation to the Detroit convention was not so large as had been hoped for. The severely cold weather deterred some from making the trip.

Burgess & Cooney, of Maplewood, are shipping excellent mignonette, Trumpet Major and Paper Whites to the Boston Coöperative Market. Mrs. J. F. Flood, at the same market, sends fine daily shipments of Asparagus plumosus and Sprengeri.

Welch Bros. find January business exceptionally good. In the way of choice flowers their cattleyas, gardenias, Beauties and valley are of top notch quality. They are just now getting good lots of Dutch bulbous flowers and fine freesia.

T. J. Grey Co. report a fine sale for seed of their new berried solanum. This has berries more pointed than Solanum Capsicastrum and is a good novelty.

The midwinter flower show of the Massachusetts Horticultural Society will be held February 2, 3 and 4. There is a fine list of prizes for plants and cut flowers. Carnations have no less than twenty classes allotted to them.

R. C. Bridgham, who runs a high class retail store on Beacon street, as well as operating the Newtonville Greenhouses, had a splendid Christmas business and reports steady trade since. W. N. C.

Westboro, Mass.—W. M. Gardner, the High street florist, recently had the misfortune to fall and fracture a rib.

Fort Morgan, Colo.—L. J. Reid, of Reid's Greenhouses, makes a considerable part of his deliveries by means of a motorcycle and finds that it is handy, quick and economical for such a purpose. He says that though his business might not justify the expense of an automobile, the delivery department would be badly crippled at times without the motorcycle to help out the horse.



Mention The Review when you write.

REPLENISH YOUR STOCK

GO OVER your stock of Florists' Supplies and send us an order for everything you are short of after the fine business you had at Christmas. We have everything. Prices always right.

"PERFECT SHAPE" WIRE WORK

You'll need a lot of this the next few weeks.

Winterson's Seed Store

166 N. Wabash Ave. Long Distance Phone 6004 Central **CHICAGO**

Mention The Review when you write

Dorothy, N. J.—Henry K. Lewis added two new houses to his range last season, one being 18x100, the other 9x100. This gives Mr. Lewis four houses, totaling 5,900 square feet.

Bloomington, Ill.—The greenhouses of Francis A. Baller, on Franklin avenue, were seriously damaged by fire on the morning of December 29. The flames destroyed the boiler house and one end of three greenhouses.

Want and For Sale Department

Advertisements under this head 10 cents per line, cash with order from all who do not do other advertising. In sending remittance count seven words to the line.
Display advertisements in this department $1.00 for one inch space.
When answers are to be sent in our care, add 10 cents for forwarding.
Plant advertisements not admitted under this head.

SITUATION WANTED—By German, single, middle age; experienced in pot plants, palms, ferns, bedding plants, forcing stock; Chicago or vicinity preferred. Address No. 29, care Florists' Review, Chicago.

SITUATION WANTED—By competent grower of general stock; single, German, age 26; first-class references from American and European firms; west preferred. Address No. 27, care Florists' Review, Chicago.

SITUATION WANTED—As working foreman; competent grower of roses, carnations, mums and general all-round stock; German, single, age 36; life experience; A-1 reference. Address J. L., 909 Jessamine St., St. Paul, Minn.

SITUATION WANTED—By single young man, in first-class florist store; well up in all branches of the trade; best character and references; age 27; life experience. Address No. 30, care Florists' Review, Chicago.

SITUATION WANTED—By young man, 27 years old, competent to manage store or greenhouse or both; an A No. 1 designer and decorator; ready to accept position on or about May 1. Address No. 201, care Florists' Review, Chicago.

SITUATION WANTED—By a first-class florist—all-around greenhouse man, first-class designer; can furnish the best of references; married; age 34, 16 years' experience. Address M. G., care S. Eckert, 2939 Solon St., Cleveland, O.

SITUATION WANTED—By A-1 rose grower, American Beauties and teas, to take full charge; also competent in other cut flower and pot plants; good propagator, single, life experience. Address No. 36, care Florists' Review, Chicago.

SITUATION WANTED—By Dutch florist, 28, abstainer and non-smoker, as grower, propagator or office assistant; 12 years' experience in florist and nursery trade, England, France, Germany, 3 years America; references. Address J. Roest, Y. M. C. A., Colorado Springs, Colo.

SITUATION WANTED—In or near Philadelphia, by married man with 27 years of greenhouse experience; specialty, palms, ferns and decorative plants; best references from last place where I had charge for over 3 years. Address F. V., 7141 Vandyke St., Tacony, Philadelphia, Pa.

SITUATION WANTED — By an up-to-date grower, German, life experience; understands any kind of cut flowers, stove and bedding plants; well up in landscape work; hard worker, sober, and well recommended; please state wages; vicinity of Springfield, Mass., or Hartford, Conn., preferred. Address Florist, R. 2, Ludlow, Mass.

SITUATION WANTED—By an all-round florist, 21 years' experience in roses, carnations, mums, ferns, cyclamen, azaleas, begonias, bulbs, Eastern and general bedding stock; German, married, age 36 years; 6 years in this country; can handle help; sober; can take full charge; best of references; state wages and all particulars in the first letter. Address No. 25, care Florists' Review, Chicago.

SITUATION WANTED—As a working foreman, German, married, 35 years of age; life experience in growing roses, carnations, mums, ferns, palms, bedding plants; also good propagator; can take full charge of any place; willing to invest some capital or work on shares; have 6 years' of southern experience; southern or southwestern states preferred; best of references. Address No. 26, care Florists' Review, Chicago.

SITUATION WANTED—By competent all-round florist, 32 years of age, single, and with 20 years' experience in Europe and U. S.; am considered a first-class designer and a grower of fine reputation, fully capable of filling any position pertaining to the trade; I am of good appearance with sterling character and habits; will be at liberty 1st of March; amateurs need not answer. Address No. 21, care Florists' Review, Chicago.

SITUATION WANTED—By New York City florist in first-class store. Address No. 34, care Florists' Review, Chicago.

SITUATION WANTED—Young lady with 4 years' experience in retail flower store; best of references. Address No. 32, care Florists' Review, Chicago.

SITUATION WANTED—By a competent, experienced English gardener on a gentleman's country place. Address No. 23, care Florists' Review, Chicago.

SITUATION WANTED—In first-class retail store in Chicago by first-class decorator and designer; best of references. Address No. 15, care Florists' Review, Chicago.

SITUATION WANTED—By all-round florist and gardener; 29 years of age; sober and reliable; private or commercial place; best of references. Address P. H., 1332 Denton St., LaCrosse, Wis.

SITUATION WANTED—By florist, 25 years' experience as grower; specialties, roses, carnations, mums, bulbs, general all-round designer, decorator; good wages; best references. Florist, 275 Magnolia St., Detroit, Mich.

SITUATION WANTED—By sober young man, 26, experienced in growing roses, carnations and general line of cut flowers and plants; capable of taking charge of section; northwest preferred; state wages. Address No. 18, care Florists' Review, Chicago.

SITUATION WANTED—By a grower of roses, carnations, Beauties and mums, as a section man or will go as working foreman, or as propagator; 16 years' experience in cut flowers; good references; state wages in first letter. Jas. Schaub, Morton Grove, Ill.

HELP WANTED—A young lady florist to help in store and office; references. Address No. 11, care Florists' Review, Chicago.

HELP WANTED—A good all-round greenhouse man; a man of experience; can use him at once; we want no drinking man. The Newburys, Mitchell, S. D.

HELP WANTED—A first-class all-around florist, who can grow cut flowers, pot, and bedding plants; must be sober and industrious; wages, $14 per week to start. Rolf Zetlitz, Lima, O.

HELP WANTED—At once, married man to take full charge of greenhouses, 15,000 square feet, growing roses, carnations and plants; none but a first-class grower need apply. James Hayes, Topeka, Kan.

HELP WANTED—At once, experienced all-round store man; salary to start, $75.00 per month; splendid opportunity for the right man; send references and full particulars in first letter. Smedley & Co., Fargo, N. D.

HELP WANTED—A retail florist, experienced in decorating and selling; good address necessary; state age, experience in detail and give references in the first letter. Address No. 33, care Florists' Review, Chicago.

HELP WANTED—A good all-around man to take full charge of 9,000 feet of glass, to grow carnations and general line of stock; one who knows how to do design work; married man preferred. Address John Corbett, 59 Clay St., Mt. Sterling, Ky.

HELP WANTED—A good all-round greenhouse man, especially in mums, cyclamen, bulbs and bedding plants; must be a good Christian; middle age, single man preferred; steady position, open about March 1. Eschrich Nursery & Floral Co., North Milwaukee, Wis.

HELP WANTED—An all-round florist to care for sweet peas, roses and plants; will pay best of wages; please state wages wanted and last place you worked; none but a first-class man wanted; have about 60,000 ft. of glass. Address No. 31, care Florists' Review, Chicago.

WANTED TO LEASE—With privilege of buying from four thousand to ten thousand feet of glass; modern place required, with good dwelling and outbuildings; prefer several acres; middle west preferred. Address No. 35, care Florists' Review, Chicago.

WANTED—An honest, ambitious, abstaining young married man, for management rather than work, with some knowledge of greenhouse work, on percentage and salary per month or otherwise; our place has made good; wish to retire soon; reference exchanged. Cherry Park Gardens, Fredonia, N. Y.

FOR SALE OR RENT—Nine greenhouses, 23,000 square feet of glass, all stocked. Apply to August Grossmann, 5038 Lincoln avenue, Chicago.

FOR SALE OR RENT—Retail place in Indiana; easy terms to buyer; immediate possession; don't write unless you have some cash and mean business. Address No. 3, care Florists' Review, Chicago.

FOR SALE OR LEASE—Greenhouses and residence, 2 acres of ground, 5000 ft. of glass; independent water system; hot water heat; southwest center of Illinois; a bargain; terms reasonable. Address No. 28, care Florists' Review, Chicago.

FOR SALE—An old established greenhouse business, 16,000 feet of glass; am getting too old to handle the increasing trade; see our books and our work and you will be convinced that this is a good investment; don't answer unless you have at least $2000; balance on long time. Address No. 9, care Florists' Review, Chicago.

FOR SALE—Florist store, stock and fixtures; bargain. Cella, 2100 Columbia Ave., Philadelphia, Pa.

FOR SALE—5 greenhouses; a bargain; easy terms; profit $6,000 per year. T. A. Gettys, Amarillo, Tex.

FOR SALE—One boiler, 16 ft. long, 5 ft. diameter, containing 52 4-inch flues; price $60.00. George F. Odor, Iola, Kansas.

FOR SALE—My Seedling Transplanter; with it you can set in 5000 plants per day; send for circular. Albert A. Sawyer, Forest Park, Ill.

FOR SALE—Flower stand in department store in large city of central Minnesota; $400 cash for stock, fixtures and good will. Address No. 8, care Florists' Review, Chicago.

FOR SALE—Greenhouse property, well stocked, with or without residence; wish to retire from business; will sell for less than one year's sales. For particulars address Cyrus Wilson, 1014 Gallatin St., Marion, Indiana.

FOR SALE—Well established floral wire design business in Chicago, doing a $2,000 to $2,500 business per year; could be increased; terms reasonable. For further information address No. 202, care Florists' Review, Chicago.

FOR SALE—Greenhouse plant, 4000 feet of glass, seven-room dwelling, shop 15x30, two acres of land, three chicken houses; connected by trolley with four cities; reason for selling, poor health. W. H. Shumway, Berlin, Conn.

FOR SALE—Two greenhouses, 6,000 feet of glass, 7-room dwelling; inside city limits of 6,000; all in good repair; no competition, good retail trade; price $7,500, one-third cash, balance on easy terms. For particulars write Mrs. Anna J. Phare, Willmar, Minn.

FOR SALE—A good live business and stock in an up-to-date, lively factory town of 6000; will lease modern residence, greenhouses and land for a term of years; only those who mean business need to reply; southern Michigan. Address No. 134, care Florists' Review, Chicago.

FOR SALE—The long established florist business of John E. Haines, Bethlehem, Pa., recently deceased; 24,000 feet of glass; the business is now successfully and profitably conducted by his executor, but must be sold to carry out the provisions of his will. L. F. Leibfried, Executor, Estate of John E. Haines, dec., Bethlehem, Pa.

FOR SALE—5 greenhouses in a famous summer resort on the Jersey coast; an established business, retail and wholesale, one hour from New York city by train or boat; houses built by Lord & Burnham and mostly planted with carnations, White and Pink Enchantress; potting shed and packing house, 100 feet long, with cellar under all; can be bought on easy terms. For further information apply to John Bennett, Atlantic Highlands, N. J.

WANTED, POSITION

By lady bookkeeper and cashier of experience, and best of references, in a florist store; New York preferred. Address **Bookkeeper**, care Box 545, New York City.

Situation Wanted

With a Good Wholesale Concern.

Where I would be out part of the time. I have had about 20 years' experience in the retail end and know the business from A to Z. Best of references.

Address No. 24, care Florists' Review, Chicago

HELP WANTED

A young man as a helper, who has had some experience in a commercial place. Position open January 1st. Send references and salary expected in first letter.

Hayman Greenhouse Co.
Clarksburg, W. Va.

WANTED -- SALESMEN for Lawn Grass Seed

In every city in United States and Canada. On commission basis or as side line for traveling men. Answers strictly confidential.

J. OLIVER JOHNSON, Seedsman
1876 Milwaukee Ave., Chicago

Cash For Your Property or Business. I bring buyer and seller together, no matter where located. If you want to buy or sell, address FRANK P. CLEVELAND, 2700 Adams Express Building, Chicago, Ill.

BARGAINS in Return Steam Traps, Reducing Valves, Blow-Off Valves, Water Circulators

Robt. Ross Jones
HARRISBURG, PA.

J. A. VALENTINE, Denver, Pres.
Other Directors: Ernst Wienhoeber, Philip Breitmeyer, A. B. Cartledge, W. F. Gude, George Asmus, Fred H. Meinhardt.
Mutual Discounts 20 per cent.
Provision for guaranteed accounts

W. J. PALMER, Buffalo, Vice-Pres.

Florists' Telegraph Delivery

(RETAILERS' SECTION—S. A. F. & O. H.)

W. L. ROCK, Kansas City, Treas.
Write for particulars to
IRWIN BERTERMANN, Secretary,
341 Massachusetts Avenue,
Indianapolis, Ind.

Mention The Review when you write.

DETROIT.

The Market.

New Year's business was fair in Detroit this year and a good amount of stock was cleaned up. Roses were scarce and red roses were not to be had at any price. Red carnations were also scarce, but other colors were fairly plentiful in the carnation line. Violets we had in quantity and the call for these was not as great as anticipated. A great many were used, but the sale of this flower was disappointing. The business between Christmas and New Year's was fine, but stock of all kinds was scarce. Carnations during last week continued on the short side, but Easter lilies were to be had and met with a good call right along. Paper Whites and yellow narcissi were in heavy supply and had to be forced in order to move them out to the trade. Romans were in good demand; in fact, better than they have been for some time. Valley was rather scarce and some of it extremely poor.

On Thursday of last week carnations came in heavier and did not move out as the wholesalers would have liked them to and Saturday night found a few bunches left over. Monday morning, January 8, there was a good supply of dark carnations, with the light shades rather scarce. Roses were in good demand and the market cleaned up well in this line. Violets and valley also had a good call, owing to several large funerals in town. Lilies have shortened up and from the outlook will be short for some little time now. Single daffodils are off for a time, but will be back again with a heavy supply the latter part of this week. Yellow tulips are in the market and are fine, as also are the freesias. Greens of all kinds are selling well and stevia is still to be had.

Various Notes.

Robert Klagge is sending in some fine Rhea Reid and Mrs. Aaron Ward roses, also some fine single daffodils and freesias.

Chas. Plumb is in the market with single daffodils and tulips and will be heavy in this line right along.

Fred Breitmeyer is still cutting heavily on roses and also has some fine single violets.

Beard Bros. cut a nice lot of poinsettias for Christmas and are now sending in some good carnations and narcissi.

Hubert Pearce, of the Detroit Cut Flower Supply House, is exhibiting his new steam trap at the rose and carnation show this week.

"Sprinkleproof" Sam Seligman is with us again.

S. S. Skidelsky is in town.

Geo. Hampton, Jr., of the H. F. Michell Co., spent a few days with us last week.

A. Miller, of A. Henderson & Co., was in town for a week during the holidays and expected to return for the show this week. H. S.

Do You Sell Plants?

¶ You can sell twice as many if they are in **Paper Pots.**

¶ Jos. L. Briggs, Bridgehampton, N. Y., writes: "My customers refuse to buy plants of me unless they are in **Paper Pots.**"

¶ And you can not only sell bedding plants and tomato and egg plants, but you can sell a hill of beans, or corn, or cucumbers. In fact, you can sell the whole garden **if you have Paper Pots.**

¶ **MR. CARNATION GROWER,** our 2½-inch **Paper Pots** are just what you want. They come flat, and 5000 of them go into a strawberry crate and you can make them up with little trouble. E. R. Tinette says, in Farm Journal: "An active boy or girl with a little practice could make up several thousand a day." They are square, there is no waste space, and cost 8½c per 100. The time saved in transplanting pays that, to say nothing of the finer plants you get.

PRICES (SHIPPED FLAT, LOW TRANSPORTATION RATES):

2 -inch.....$3.75 for 5000 | 3-inch.....$5.00 for 5000
2½-inch..... 4.25 for 5000 | 4-inch..... 7.50 for 5000

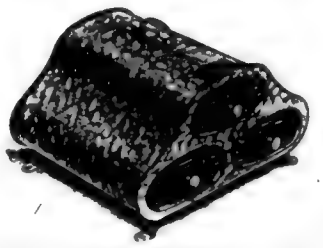
P. B. CROSBY & SON, Catonsville, Balto., Md.

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PROTECTION!!!

of your plants from freezing. This can only be done by using a celebrated

LEHMAN WAGON HEATER



400,000 are in use by **Florists,** horsemen, doctors and farmers. They burn **Lehman Coal** (from which there is no smoke or danger), at a cost of less than ½c per hour.

CAN YOU AFFORD TO BE WITHOUT ONE? BEWARE OF IMITATIONS

LEHMAN BROS.
MANUFACTURERS
10 Bond St. NEW YORK

For circular and price list write
J. W. ERRINGER, General Western Sales Agt.
20 E. Randolph St., CHICAGO, ILL.

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Plants Sell Better



when the ugly clay pots are hidden by the attractive and artistic

EVER-READY POT COVERS

Strong cardboard foundation. Best quality waterproof crepe paper, silk fiber ribbon ties at top and bottom. Firmly held with improved metal fastenings. Furnished in four colors and many sizes. Write for samples and price list today.

EVER-READY FLOWER POT COVER CO.
146 Hughes Ave., Buffalo, N. Y.

Mention The Review when you write



SPLIT CARNATIONS

Quickly, easily and cheaply mended. No tools required.

Pillsbury Carnation Staple
Patented 1908.
2000 for $1.00 postpaid.

I. L. PILLSBURY
GALESBURG, ILL.

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BUY YOUR FLORISTS' SUPPLIES FROM

L. BAUMANN & CO.

357-359 W. Chicago Ave., CHICAGO, ILL.

We have the largest and most complete stock, Sea Moss, or Japanese Air Plant; Natural prepared Ferns, Cycas Leaves, Magnolia Leaves, Cycas Wreaths, Magnolia Wreaths, Moss Wreaths, Metallic Designs and a big line of Novelties.

Mention The Review when you write.

Owosso, Mich.—M. A. Herrick, the West Main street florist, is well pleased with the volume of business. He has 25,000 square feet of glass and has a retail trade which calls for more stock than he can grow.

New Haven, Conn.—H. A. Grove is building a greenhouse at the rear of his place on Canner street.

Seven Pages of Retailers' Cards

This department for the cards of Leading Retail Florists — those florists who have the facilities for filling the orders sent them by other florists — has made possible the recent rapid development of this branch of the business, a branch of the trade now established for all time and so helpful that its volume will keep on increasing for many years.

Are you sending and receiving your share of these orders? You can send your share (and make 20 per cent profit without effort) if you let your customers know you can perform this service for them. To receive your share—well, The Review's department for Retailers' cards remains the one way of getting prompt action on the order in hand.

To be represented costs only 70 cents per week on a yearly order. This is for one-inch space. Other spaces in proportion.

Why not send your order today—**now**—before you forget it?

LOUISVILLE, KENTUCKY

JACOB SCHULZ, Flower Shop, 550 South Fourth Avenue, Greenhouses, 831 Cherokee Road.

Personal attention given to out-of-town orders for Louisville and surrounding territory. Member Florists' Telegraph Delivery

E. R. FRY, Florist
Rochester, N. Y.
I have constantly on hand a seasonable variety of fresh cut flowers, which I will deliver promptly in Rochester and adjoining towns.

KENOSHA, WIS.
and all points between
CHICAGO AND MILWAUKEE
Mail, wire or phone your orders to
P. N. OBERTIN, 567 Chicago St., KENOSHA, WIS.

Indianapolis, Ind.
241 Massachusetts Ave.
Bertermann Bros. Co.
LEADING FLORISTS
Members Florists' Telegraph Delivery Ass'n.

Lexington, Ky.
JOHN A. KELLER, Florist
High Grade Cut Flowers and Designing : : : :
All orders entrusted to us for Central Kentucky will have careful attention.

Lang Floral & Nursery Co., DALLAS, TEXAS
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

Prompt and personal attention given all orders.
MRS. J. T. HINCHLIFFE
FLORIST
504-506 Wisconsin St., Racine, Wis.

Special care taken with telegraph orders for
DETROIT AND VICINITY
L. Bemb Floral Co., Albert Pochciss, Prop., 153 Bates St.

Chas. W. Crouch, KNOXVILLE, TENN.
The Leading Florist of the South
All Orders Given Special Attention

GEO. C. BAKER, Florist
206 E. Park Ave., San Antonio, Texas

WOLFSKILLS'
and
MORRIS GOLDENSON
Consolidated.
CUT FLOWER MERCHANTS
We solicit telegraph orders.
Regular Trade Discount.
229 W. Third Street, LOS ANGELES, CAL.

CLARK, FLORIST, SCRANTON, PA. 124 Washington Ave.
Member Florists' Telegraph Delivery. Orders for Northeastern Pennsylvania filled promptly. Usual discount. Both Phones No. 2454.

TARRYTOWN, N. Y.

The annual meeting of the Tarrytown Horticultural Society was held on Thursday, December 28, with a good attendance.

The election of officers resulted as follows: President, George Wittlinger; vice-president, Thomas A. Lee; secretary, E. W. Neubrand; treasurer, Chas. J. Weeks; corresponding secretary, George McIntosh.

Treasurer Weeks read the annual report, which showed that the society is in a prosperous condition.

Alex. Thompson, Arthur MacDonald and Robert Grieve were elected to active membership.

The prize offered by Abel Weeks was awarded to John Elliott for the best three vases of carnations. A rising vote of thanks was accorded to John Brunger, the retiring president. The committee appointed to make arrangements for the annual dinner reported that it will be held at the Florence hotel, January 17, at 7:30 p. m.

G. M.

PITTSBURGH.

The Market.

The first week of the new year found many thankful florists, among the reasons being the following: That business turned out so well for the holidays, that flowers were not so scarce as this week, and that the weather was not nearly so bad as we have experienced since then. It commenced to get rough early last week and by Saturday morning the thermometer registered 6 degrees below zero.

Mankato, Minn.
The Windmiller Co.
Will fill orders for Minnesota and the Dakotas.
Member Florists' Telegraph Delivery.

Newark, Ohio
CHAS. A. DUERR, The Arcade Florist
Auto. Phone 1840
Greenhouses, Granville, Ohio—Phone 26
Member Florists' Telegraph Delivery

Canada's Florist
Dunlop's
96 Yonge St., TORONTO

"WE NEVER SLEEP"
IDLEWILD GREENHOUSES, **Memphis, Tenn.**
89 South Main Street
"Up-to-the-minute" Service and Execution.
Every Flower in Season.

WILSON
BROOKLYN
New York
Telephone, 6800 Prospect

Louisville, Ky.
F. WALKER & CO., 634 Fourth Ave.
All orders receive prompt and personal attention.
LOU HELEN DUNDORE, THE ROSERY
110 W. King St., LANCASTER, PA.

CORNELL and WELLS COLLEGES and
CENTRAL NEW YORK ORDERS
Dobbs & Son, Wholesale and Retail Florists, Auburn, N.Y.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Bell Main 2809
Cuy. Central 1866

The Smith & Fetters Co.
LEADING FLORISTS
735 Euclid Ave., **Cleveland**

Samuel Murray
KANSAS CITY, MO.
913 Grand Ave.
All Orders given Prompt and Careful Attention
Member of the Florists' Telegraph Delivery.

Cable and Telegraph, Franzen. Phone Rav. 2876
CHICAGO
FRANZEN
1476-78 SUMMERDALE AVE.

TRENTON, N. J.
MARTIN C. RIBSAM
THE FLORIST
Messenger delivery to Princeton, New Brunswick, Bordentown, Hightstown, Lawrenceville and Lambertville, N. J.

Send Your **PHILADELPHIA** Orders to...
CHARLES HENRY FOX
BROAD AND WALNUT STREETS
Always on time

Rockford, Ill., H. W. Buckbee

S. B. STEWART
119 No. 16th St., OMAHA, NEB.

Wholesale and retail orders for
CUT FLOWERS, FUNERAL DESIGNS, etc.
by telegraph will receive prompt attention at
IRA G. MARVIN'S, Wilkes-Barre, Pa.

Benson's Flowers
Indianapolis, Ind. DELIVERED ANYWHERE

R. Strohmeier, Aberdeen, S. D.
Prompt Attention Given to Out-of-town Orders

Orders for **Charleston, W. Va.**
are given prompt and careful attention by the
CHARLESTON CUT FLOWER AND PLANT CO.

Brockman's Flower Shop **Fort Smith, Ark.**
Leading florists in fastest growing city in the southwest.

Archias Floral Co SEDALIA, MISSOURI
Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

J. F. WILCOX & SONS, 521 Broadway, Council Bluffs, Iowa.
Wholesale and Retail
Largest Greenhouse Establishment West of Chicago.
Orders delivered anywhere, including Iowa, Nebraska, North Dakota and South Dakota. Free deliveries to Omaha.

MILLS THE FLORIST, Inc.
36 W. Forsyth Street
Jacksonville, Fla.
We reach all Florida and South Georgia points.

Send flower orders for delivery in
BOSTON AND ALL
NEW ENGLAND POINTS
To THOS. F. GALVIN, Inc.
124 TREMONT ST. BOSTON

North Dakota IOWA All Orders Promptly and Properly Executed.



South Dakota MINN. 40,000 feet of Commercial Cut Flowers.
The Newburys, Mitchell, S. D.

Roses have shortened up since Christmas, until now there is not enough home production to nearly satisfy demands. Carnations and all other flowers were quite plentiful, however, so that there is not much cause for complaint.

The general retail business has been quiet since the first of the year, with the exception of a few of the large stores, which have been favored with some of the largest decorations of the season.

Various Notes.

Mrs. E. A. Williams had the elaborate decoration for the Darlington cotillion at the Pittsburgh Golf Club, Friday evening, January 5. This is an annual affair and is always one of the most elegant of the year, and this season it was finer than ever before.

Saturday evening, January 6, Randolph & McClements had the annual banquet at the Duquesne club. The decorations at this affair are always elaborate. This firm has been doing them for some years and has each year given something more novel than the previous year. The price is one that justifies, so they have been able to make it something to talk of the balance of the winter. Needless to say, this one was no exception.

There were quite a number of smaller social affairs, many given for the college boys and girls, all of which made a good week's business.

The Florists' Club met Tuesday evening, January 2, at the Fort Pitt hotel and while the attendance was smaller than usual, there was more than the usual amount of enthusiasm. The subject for the evening's discussion was "Roses," with only one small bunch

---

Established 1859.
A. Wiegand & Sons
Florists and Decorators
1610 to 1620 N. Illinois St., Indianapolis, Ind.
Indiana's oldest, largest and most complete retail establishment.

Stiles' Flower Store
OKLAHOMA CITY, OKLA
Members Florists' Telegraph Delivery.

Tonseth Floral Co.
325 Morrison Street
GROWERS AND RETAILERS
Portland, Ore.

The Fernery **SCHULTHEIS, FLORIST**
Write, Phone or Wire 612 Linden St., **SCRANTON, PA.**

Orders for southern **MINNESOTA** and northern **IOWA** will be properly cared for by
A. N. KINSMAN, Austin, Minn.

INDIANA and ILLINOIS
Promptness and very Freshest Flowers.
N. B. & C. E. STOVER, 118 So. 6th St., TERRE HAUTE, IND.

Frey & Frey, 1338 O St. **Lincoln, Neb.**
Wholesale and Retail
100,000 sq. ft. of glass at your service. Trade discount

Minneapolis, Minn. LEADING FLORISTS
SWANSON'S, 618 Nicollet Ave.

DRUMM SEED and FLORAL CO.
507 Houston St., FORT WORTH, TEX.
Headquarters for Cut Flowers and Funeral Designs

J. J. BENEKE
1216 Olive St. ST. LOUIS, MO.

Baltimore, Md.
ALBERT G. FIEDLER & CO., 902 South Charles St.

I. N. KRAMER & SON
CEDAR RAPIDS, IA.

Colorado Springs, Colo.
Frank F. Crump Wholesale and Retail Florist
Member Florists' Telegraph Delivery.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

LOUISVILLE, KENTUCKY

M. D. REIMERS

New Location, "THE SEELBACK," and 223 S. FOURTH AVENUE

CHOICEST CUT FLOWERS

PERSONAL ATTENTION GIVEN TO OUT-OF-TOWN ORDERS

Orders for
BIRMINGHAM, ALA.
Well taken care of by
AMZI GODDEN SEED CO.
Established 1857.
Facilities for supplying everything in the line of CUT FLOWERS AND DESIGNS

BUFFALO
S. A. ANDERSON
440 MAIN STREET
Special Deliveries Niagara Falls and Lockport

Your orders for ATLANTIC CITY, N. J., will be carefully filled by
George H. Berke
1505 Pacific Ave.
Member Florists' Telegraph Delivery.

Write, Wire or Phone your orders to
YOUNG'S
1406 Olive St., ST. LOUIS, MO.
Regular discount allowed on all orders, either Plants or Cut Flowers.
Phones: Bell, Main 2306; Kinloch, Central 4981

SAN FRANCISCO
Podesta & Baldocchi
224 Grant Avenue
Prompt and careful attention to orders from out-of-town florists.

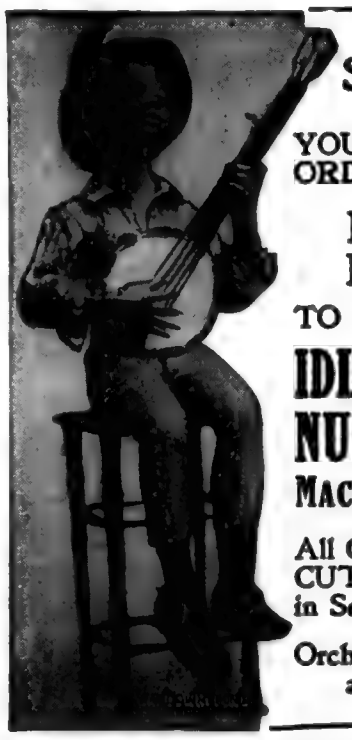
The Cleveland Cut Flower Co.
CLEVELAND, OHIO
Will fill your orders for Designs or Cut Flowers in Northern Ohio.

MARION FLORAL CO., **Marion, Ind.**
Central Northern Points. Store: 406 South Adams

MRS. J. B. FREEMAN, LEADING FLORIST, Successor to Geo. A. Heinl **Toledo, Ohio**
All Orders Promptly Executed.

PROVIDENCE, R. I.
and all New England Points
T. J. JOHNSTON & CO.
171 Weybosset Street, Providence

BEYER FLORAL CO. SOUTH BEND, IND.
Daily deliveries to Notre Dame University and St. Mary's Academy.



SEND YOUR ORDERS FOR DIXIE LAND TO
IDLE HOUR NURSERIES
MACON, GEORGIA
All Choice CUT FLOWERS in Season
Orchids and Valley a specialty

MYER L. D. Phone 5297 Plaza
609-11 Madison Ave., New York

John Bauscher, Jr., FREEPORT, ILL.
100,000 SQUARE FEET OF GLASS.
At Your Service.

in evidence. Talks were made by W. A. Clarke, Neil McCallum and Mr. Marshall, of the Elliott Nursery Co., after which officers were nominated for the ensuing year as follows: President, E. C. Ludwig, David Fraser, John Jones and Wm. Falconer; vice-president, E. C. Reineman; secretary, H. P. Joslin; treasurer, T. P. Langhans; trustees, John Bader, P. S. Randolph. The election will be held Tuesday evening, February 6, which also is to be carnation night. C. H. Totty, of Madison, N. J., has been invited to attend that meeting and a committee has been appointed to arrange for some extra entertainment.

A. W. Smith, Jr., celebrated his thirty-fifth birthday Monday, January 8.

W. F. Butz, of Butz Bros., New Castle, Pa., who has been a victim of typhoid fever for some weeks, is improving. Hoo-Hoo.

ST. LOUIS.

The Market.

Last week we had a real taste of old-fashioned winter, the temperature going

We Guarantee Satisfaction
A. T. Bunyard FLORAL CO.
413 Madison Ave., Cor. 48th St., NEW YORK
Bellevue Avenue, Newport, R. I.

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand.
McKenna FLORIST
MONTREAL

JOHN BREITMEYER'S SONS
Corner Broadway and Gratiot Ave.,
DETROIT, MICH.

FRED EHRET
WHOLESALE AND RETAIL FLORIST
1407 Fairmount Ave. and 702 N. Broad St.,
PHILADELPHIA
Orders for Philadelphia and surrounding country carefully filled on short notice.

Telephone 334 Main
S. Masur
236 Fulton St., Brooklyn, N. Y.

VASSAR COLLEGE
The Saltford Flower Shop, Poughkeepsie, N. Y.

WELLESLEY COLLEGE
Dana Hall, Walnut Hill, Rockridge Hall Schools
TAILBY, Wellesley, Mass.
Long Distance Tel., Wellesley 44-1, 44-2, 44 3.

TEXAS Dallas Floral Co.
DALLAS, TEX.
H. F. GREVE, Prop.

Rosemont Gardens
W. B. Paterson, Prop. 116 Dexter Ave., MONTGOMERY, ALA.

HESS & SWOBODA, FLORISTS
Telephones 1501 and L 1582
1415 Farnum Street OMAHA, NEB.

U. J. VIRGIN
838 Canal St. NEW ORLEANS, LA.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

DARDS, N. E. Cor. 44th Street and Madison Avenue, Telephones 4025-4026, 38th Street, NEW YORK

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union — Member Florists' Telegraph Delivery. — Established 1874

WILSON DELIVERS EVERYWHERE
New York New Jersey Long Island
BROOKLYN
3 AND 5 GREENE AVENUE
Tel. No. 6800 Prospect

The Livingston Seed Co.
FLORISTS
COVER ALL OHIO POINTS
114 N. High Street, COLUMBUS, OHIO

PORTLAND, ORE. Clarke Bros. FLORISTS OAKLAND, CAL.

KALAMAZOO, MICH.
G. Van Bochove & Bro., The Leading Florists

LA CROSSE FLORAL CO. **La Crosse, Wis.**
will properly execute orders in Wisconsin or the northwest.

LINCOLN, NEB. CHAPIN BROS. Retail Florists
Flowers for All Occasions, from Cradle to Grave

E. O. LOVELL GRAND FORKS
Will give prompt attention to all orders for delivery in North Dakota

A. C. BROWN, SPRINGFIELD, ILLINOIS
LARGE GREENHOUSES

Boehringer Bros.
325 Park Avenue. BAY CITY, MICH.

TERRE HAUTE, IND.
JOHN G. HEINL & SON 129 South 7th Street

Mrs. M. E. Hollcraft
807 Kansas Ave., TOPEKA, KAN.

MICHIGAN Orders will be carefully cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS.

Minneapolis Floral Co., WHOLESALE and RETAIL FLORISTS
MINNEAPOLIS, MINN.
Funeral designs on short notice. One of the largest establishments west of Chicago.

Send Orders for Washington, D.C. and vicinity to Blackistone Everything First-Class
14th and H Streets

Seattle, Washington
Hollywood Gardens
1534 SECOND AVENUE
MEMBERS FLORISTS' TELEGRAPH DELIVERY
Mention The Review when you write

Evanston and Chicago
JOHN WEILAND, EVANSTON, ILL.

Deliveries to Northwestern University and all North Shore Towns.
FISCHER BROS. 614 Dempster St., EVANSTON, ILL. L. D. Phone 2642

MONTREAL, We can fill all orders.
HALL & ROBINSON, 625 St. Catherine Street, West

Wholesale and Retail orders for Cut Flowers, Funeral Designs, etc., receive prompt attention.
CLEVELAND, OHIO
G. M. NAUMANN & SON

Colorado Springs, Colo.
Orders Carefully Executed
PIKES PEAK FLORAL CO.
Wholesale and Retail

H. W. FIELD, The College Florist
NORTHAMPTON, MASS.
Home of Smith College
Send your orders to him for prompt and careful attention.

DALLAS, TEXAS
The Texas Seed & Floral Company
Orders for cut flowers and designs solicited for delivery in any part of Texas.

Pittsburg, Kan.—Bartlesville, Ok.
THE STEINHAUSER FLORIST & NURSERY CO. (Inc.)
Growers and Shippers—Wholesale and Retail
Out-of-town orders given special and personal attention. Give us a trial.

South and Southwest Texas and sailing from Galveston.
H. H. KUHLMANN, Florist
2507 Jackson St., S. W. Phone, Hadley 1926-2236
2526 Washington St., Opp. Glenwood Cemetery, S. W. Phone, Taylor 628-1081.
Up town, 913 Main St., S.W. Phone, Preston 7141.
HOUSTON, TEXAS

TRILLOW FLORIST Des Moines, Iowa
Will promptly execute all orders in this vicinity.

Aurora, Ill. Jos. M. Smely
and vicinity Phones 147

Richmond, Ind.
FRED H. LEMON & CO.
Florists and Decorators. Send us your orders.

W. P. McFARLAND L. C. McFARLAND
McFARLANDS, Florists
AKRON, OHIO

down below zero, and transient trade was reported dull by the downtown florists. Quite a number of shipments came in frozen; nevertheless a lot of funeral work was made up. The wholesalers report that quite a lot of stock came in and, as the demand was light, prices came down a little.

Violets continue plentiful, with the price down to 60 cents per hundred for first quality. Roses, too, were more than the demand called for, Killarney running ahead of all others. There are also many nice consignments of Beauties.

Carnations have a good demand in all colors. Paper Whites and Romans continue plentiful and good cuts of valley and lilies are in evidence and sufficient for all demands.

Various Notes.

Theodore Miller is building a store with flats above at Delmar and Hamilton avenues, which is to be ready by spring.

Carl Beyer was laid up last week with a bad case of rheumatism, but at last accounts was on the way to recovery.

Mrs. John Steidle, who is president of the Ladies' Home Circle, says the ladies will hold no meeting this month, owing to the death of Mrs. Ella Meinhardt, one of the members.

Max Leibman, formerly of Jackson,

LEADING RETAIL FLORISTS

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Alexander McConnell

611 Fifth Avenue, Windsor Arcade — **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Calls: 340 and 341 38th Street — Cable Address: ALEXCONNELL — Western Union Code

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, **Pittsburg, Pa.**

Largest Floral Establishment in America

Established 1874--Incorporated 1909

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 35th St., CLEVELAND, OHIO

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

Winona and Rochester, Minn.

For prompt and particular attention send your orders for Southwestern Wisconsin and Southern Minnesota to

John Fuhlbruegge

Grower and Retailer

ST. PAUL, MINN.

The Largest Store in America.

Members Florists' Telegraph Delivery.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

PASADENA, CAL.

13 East Colorado St.

The Orchid

Also all Los Angeles orders promptly filled.

MRS. LORD'S FLOWER ROOM

112 W. 8th Ave., TOPEKA, KAN.

STATE NURSERY CO.

CUT FLOWERS

155,000 sq. ft. of glass at your service. HELENA, MONTANA

Freeport Floral Co.

Telegraphic orders promptly attended to. FREEPORT, ILL.

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order.

11 North Pearl St., - ALBANY, N. Y.

Rock's Flowers Kansas City

Wm. L. Rock Flower Co.

KANSAS CITY, MO.

1116 Walnut Street

Members Florists' Telegraph Delivery

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Max Schling

NEW YORK

No. 22 West 59th Street

Adjoining Plaza Hotel

W. S. Lee Florist

Hippodrome Building.

44th STREET & SIXTH AVE. NEW YORK.

TELEPHONE 714 BRYANT

STEAMER ORDERS A SPECIALTY.

CHICAGO

A. LANGE,

25 E. Madison Street

GALESBURG, ILL.

I. L. PILLSBURY—For Central Ill.

Member Florists' Telegraph Delivery Association.

Tenn., has accepted a position with the Sanders Nurseries.

Jabez Gadd, one of the old-timers among the store men, is now in the employ of H. Young & Son.

George Waldbart is receiving regular shipments of gardenias from S. S. Pennock-Meehan Co., Philadelphia, but last week's shipment came in frozen.

The Missouri Botanical Garden will erect this year a large range of plant houses.

Mrs. Ella Meinhardt, wife of Fred H. Meinhardt, died last week, aged 35 years. Further particulars will be found in this week's obituary column.

Jules Bourdet read an essay on Christmas plants at this week's club meeting.

Frank Weber, of the H. J. Weber & Sons Nursery Co., left last week on an extended eastern trip.

Henry Aue is supplying the local trade with extra fine lily of the valley, through C. A. Kuehn's wholesale house.

Richard Frow, of Normandy, stands under an injunction issued by the circuit court, restraining him from per-

HUGO H. JAHN

710 Nostrand Avenue,

Tel. No. 1952 Bedford. BROOKLYN, N. Y.

Will deliver to Steamships, Theaters, anywhere within 20 miles of New York.

ARTISTIC WORK. PERSONAL ATTENTION.

Special care of your telegraph orders.

W. J. Palmer & Son

304 Main St., BUFFALO, N. Y.

Members Florists' Telegraph Ass'n

Orders by wire receive prompt and careful execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

ST. LOUIS, MO.

Flowers Delivered in City or State on Short Notice

F. H. WEBER

BOYLE AND MARYLAND AVENUES

Both Long Distance Phones

M. A. Bowe

IN HEART OF NEW YORK CITY

12 W. 33d Street, N. Y.

Opposite the Waldorf-Astoria.

Phone Madison Sq. 6404. Our Motto—The Golden Rule

George G. McClunie, Florist

187 Main St., HARTFORD, CONN.

Orders solicited for Connecticut and nearby points.

Tel. Charter 5591-2. Floral Designs a Specialty.

LEADING RETAIL FLORISTS

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CHICAGO

Send Your Orders to.. William J. SMYTH

Member Florists' Telegraph Delivery Association. Michigan Ave., at 31st St.

Established 1857.

Wittbold FLORIST

737-739 Buckingham Place

L. D. Phone 1112 Graceland CHICAGO

Send us your retail orders. We have the best facilities in the city.

"WE STRIVE TO PLEASE"

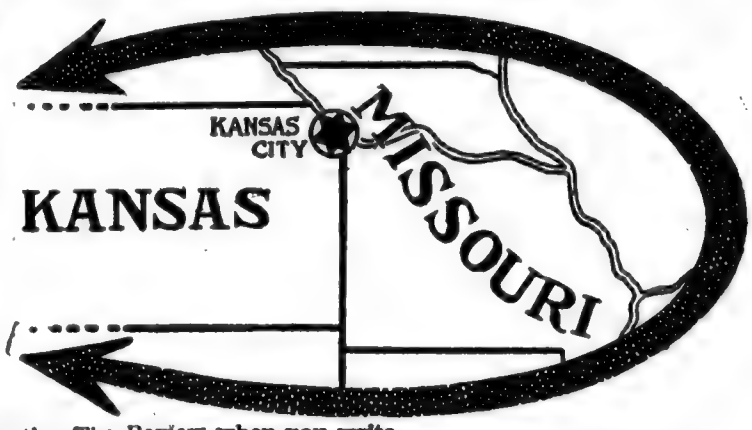
ALPHA FLORAL Co.

1105 WALNUT—PHONES Main 1806

Kansas City, Missouri

The largest Florists in the Central West

A. ELBERFIELD, Proprietor



Mention The Review when you write.

Write, Wire or Phone

JOHN WALKER

11 S. PHELPS STREET

Youngstown, O.

Careful attention given to out-of-town orders. Trade discount allowed.

CLEVELAND

...THE...

J. M. GASSER COMPANY

EUCLID AVENUE

We ship all points in Ohio. The best of everything in Flowers.

BOSTON, MASS.

Penn, The Florist

"Penn, The Telegraph Florist"

Members of Florists' Telegraph Delivery Association.

37-43 BROMFIELD STREET

DENVER, COLO.

FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice.

Daniels & Fisher.

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver."

YOUNG & NUGENT

NEW YORK : 42 W. 28th St.

In the theater district. Exceptional facilities for delivering flowers on outgoing steamers. Your orders will receive prompt and careful attention. Wire, telephone or write us.

1874 **JNO. V. PHILLIPS** 1912

WILLIAM A. PHILLIPS, Manager

272 Fulton St. Tel. 319 Main. Brooklyn, N.Y.

GEO. M. KELLOGG FLOWER & PLANT CO.

Wholesale and Retail Florists

1122 Grand Avenue, KANSAS CITY, MO.

All Kinds of CUT FLOWERS

in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

We are Prepared to Fill Orders for any Section of South Jersey at any time.

EDWARDS FLORAL HALL CO.

1700 Pacific Avenue,

Nurseries: Mediterranean and South Carolina Aves. ATLANTIC CITY, N. J.

H. F. A. LANGE

Worcester, Mass.

Delivers to all points in New England. 125,000 square feet of glass.

Baker Bros. Co. **Ft. Worth, Tex.**

Send Orders for the Southwest

Best Railroad Center in the State.

Send orders for delivery in **ROCHESTER, N.Y.**

and all points in Western New York to

H. E. WILSON, 88 East Main Street

MOBILE, ALABAMA

The Minge Floral Co.

Battle Creek, Mich. S. W. COGGAN, Leading Florist

11 West Main St. All cut flowers in season. Funeral designs or potted plants. Careful attention and prompt delivery guaranteed to any part of Michigan.

CAPITAL CITY GREENHOUSE CO.

MADISON, WIS.

Order of us. Best shipping service for Wisconsin

C. L. VAN METER, Florist **MONTICELLO, IA.**

Orders solicited to be delivered anywhere.

Specialist in Cut Flowers and Designs

SIOUX CITY, IOWA Supplies western Iowa, southern Minnesota, all of South Dakota, northeastern Nebraska.

J. C. RENNISON CO.

PEKIN ═══ PEORIA

All orders receive personal attention.

GEO. A. KUHL, Pekin, Ill.

BALTIMORE, MD. And All Southern Points.

PIERCE & CO. 509 N. Charles Street BALTIMORE, MD.

---

mitting his greenhouse chimneys to smoke. The injunction was issued at the request of a property owner whose residence adjoins the greenhouses and who alleged great loss as a result of the florist's smoke.

The New Year's meeting of the Engelmann Botanical Club was held Monday evening, January 8, at the Missouri Botanical Garden and was well attended. The feature of the meeting was the showing and discussion by Prof. H. C. Irish of the Garden, of the plans for a new range of plant houses to be erected this year on the premises.

J. J. B.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Ivernia	Boston	Liverpool	Jan. 16
Inaba Maru	Seattle	Hongkong	Jan. 16
Zeeland	New York	Antwerp	Jan. 17
La Bretagne	New York	Havre	Jan. 18
Hesperian	St. John	Liverpool	Jan. 19
Columbia	New York	Glasgow	Jan. 20
Dominion	Portland	Liverpool	Jan. 20
Trent	New York	Cuba	Jan. 20
Tagus	New York	Bermuda	Jan. 20
Berlin	New York	Genoa	Jan. 20
Franconia	New York	Egypt	Jan. 20
Megantic	Boston	Liverpool	Jan. 23
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Schroeter, B.
EVANSTON, ILL.
Fischer Bros.
Weiland, John
FORT SMITH, ARK.
Brookman's Flo. Shop
FORT WORTH, TEX.
Baker Bros. Co.
Drumm Floral Co.
FREEPORT, ILL.
Bauscher, Jr., John
Freeport Floral Co.
GALESBURG, ILL.
Pillsbury, I. L.
GRAND FORKS, N. D.
Lovell, E. O.
GRAND RAPIDS, MICH.
Smith, Henry
HARTFORD, CONN.
Coombs, John
McClunie, G. G.
HELENA, MONT.
State Nursery Co.
HOUSTON, TEX.
Kuhlmann, H. H.
INDIANAPOLIS, IND.
Benson, Lester F.
Bertermann Bros. Co.
Wiegand & Sons
JACKSONVILLE, FLA.
Mills The Florist
KALAMAZOO, MICH.
Fisher Co., H. A.
Van Bochove & Bro.
KANSAS CITY, MO.
Alpha Floral Co.
Kellogg, Geo. M.
Murray, Samuel
Rock Power Co.

KENOSHA, WIS.
Obertin, P. N.
KNOXVILLE, TENN.
Crouch, Chas. W.
LA CROSSE, WIS.
La Crosse Floral Co.
LANCASTER, PA.
Dundore, L. H.
LINCOLN, NEB.
Chapin Bros.
Frey, C. H.
Frey & Frey
LOS ANGELES, CAL.
Wolfskills' & Goldenson
LEXINGTON, KY.
Keller, John A.
LOUISVILLE, KY.
Reimers, M. D.
Schulz, Jacob
Walker & Co., F.
MACON, GA.
Idle Hour Nurseries
MADISON, WIS.
Capital City Gr'nhouse
MANKATO, MINN.
Windmiller Co.
MARION, IND.
Marion Floral Co.
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Pollworth Co., C. C.
MINNEAPOLIS, MINN.
Minneapolis Flo. Co.
Swanson's
MITCHELL, S. D.
Newburys, The
MOBILE, ALA.
Minge Floral Co.
MONTGOMERY, ALA.
Rosemont Gardens
MONTICELLO, IOWA
Van Meter, C. L.
MONTREAL, CANADA.
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Duerr, Chas. A.
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Virgin, U. J.
NEW YORK CITY
Bowe, M. A.
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Dards, Chas. A.
Lee, W. S.
McConnell, Alex.
Meyer
Schling, Max
Young & Nugent
NEWPORT, R. I.
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NORTHAMPTON, Mass.
Field, H. W.
OAKLAND, CAL.
Clarke Bros.
OKLAHOMA CY., OKL.
Stiles Co., The
OMAHA, NEB.
Hess & Swoboda
Stewart, S. B.
PASADENA, CAL.
Orchid, The
PASSAIC, N. J.
Sceery, Edward
PATERSON, N. J.
Sceery, Edward
PEKIN, ILL.
Kuhl, Geo. A.
PEORIA, ILL.
Kuhl, Geo. A.
PHILADELPHIA, PA.
Ehret, Fred
Fox, Chas. Henry
PITTSBURG, KAN.
Steinhauser Flo. Co.
PITTSBURGH, PA.
Smith Co., A. W.
PORTLAND, ORE.
Clarke Bros.
Tonseth Floral Co.
POUGHKEEPSIE, N. Y.
Saltford Flower Shop
PROVIDENCE, R. I.
Johnston & Co., T. J.
RACINE, WIS.
Hinchliffe, Mrs. J. T.
RICHMOND, IND.
Lemon & Co., F. H.
ROCHESTER, MINN.
Fuhlbruegge, John.
ROCHESTER, N. Y.
Fry, E. R.
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ST. LOUIS, MO.
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Will fill orders for the West on short notice
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ORDERS TAKEN FOR DELIVERY ANYWHERE BETWEEN PORT ARTHUR AND THE COAST.

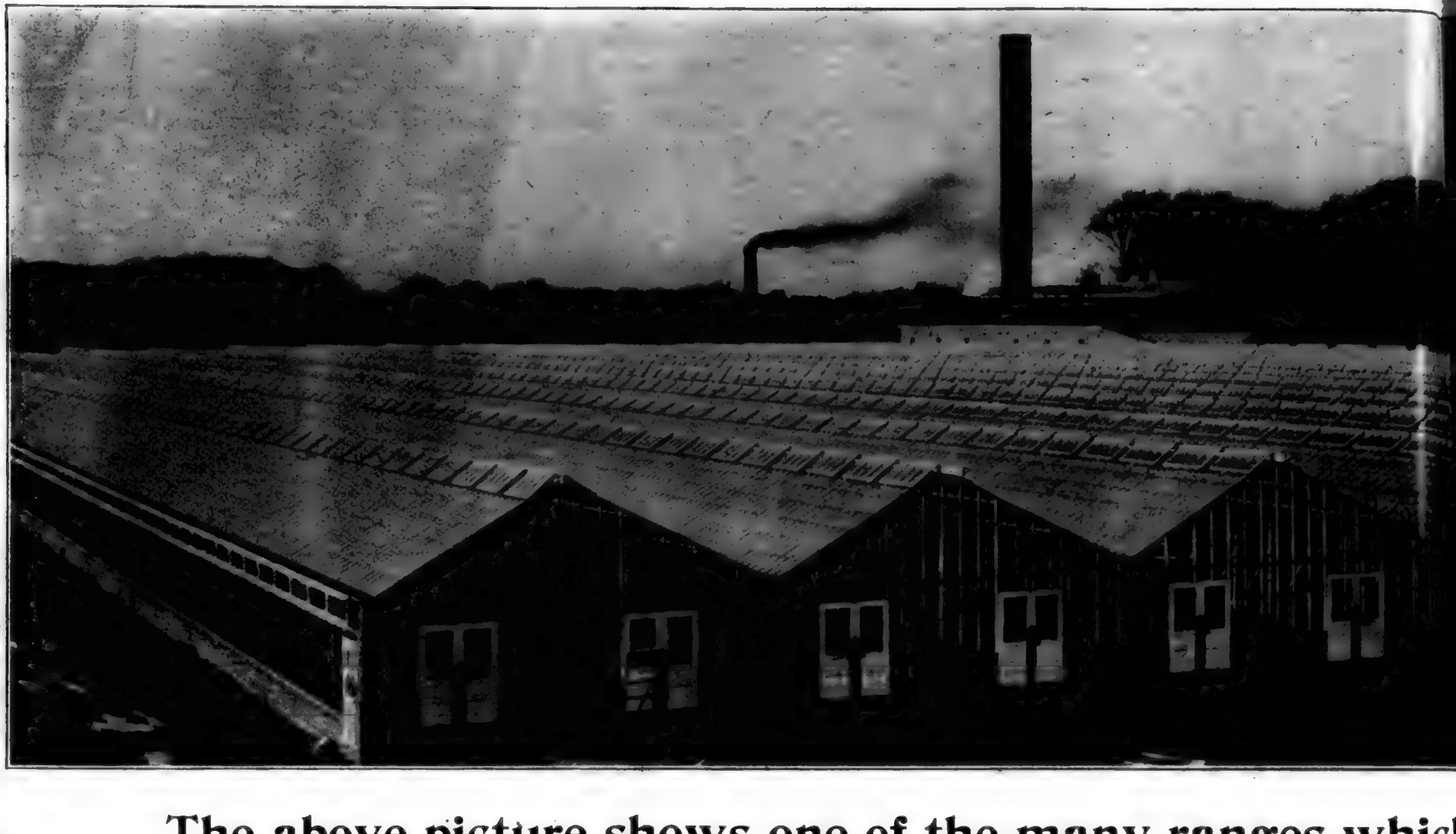
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The above picture shows one of the many ranges which

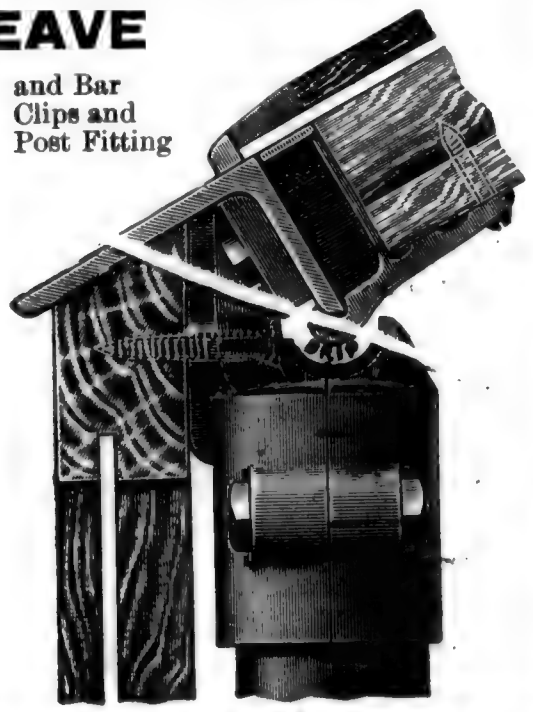
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but need only refer you to the **"LIVE WIRES"** in the tra
with same.

DID IT EVER C

that, before deciding on the type of your new houses, you
merits? Our steel frame flat rafter hou
eave, with our malleable iron bar bracket

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and Bar Clips and Post Fitting



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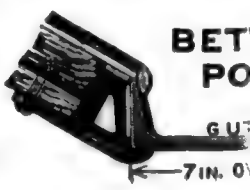
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5024 Pine Street

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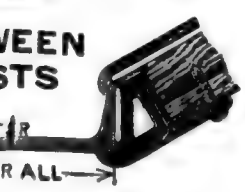
he superior merits of our material and ideas of construction,
de, who have used our material and are more than pleased

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CONSIDER carefully **FOLEY'S HOUSES** and their
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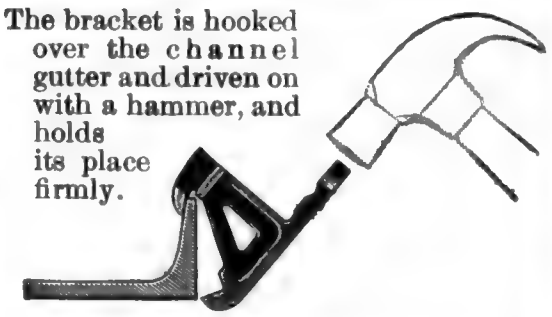
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The Foley Mfg. Co.

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The bracket is hooked over the channel gutter and driven on with a hammer, and holds its place firmly.



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Showing how fastened to 1¼-in. or 2-in. pipe post, with or without drip conductor.



FOLDING FLOWER BOXES

We manufacture the most complete line of High-grade Boxes at reasonable prices.

Palm Green, Mist Gray, Mist Brown	Per 100
16x 4 x3	$ 1.85
20x 4 x3	2.15
18x 5 x3	2.15
21x 5 x3	2.50
24x 5 x3½	3.00
30x 5 x3½	3.30
36x 5½x3½	4.50
21x 7 x3½	3.25
24x 8 x	3.85
28x 8 x4	4.35
28x 8 x5	5.00
36x 8 x5, Telescope.	7.00
30x10 x5 "	7.50
36x10 x5 "	9.00
40x 8 x5 "	9.00
42x 8 x5 "	11.00
42x10 x5 "	13.00
48x10 x5 "	15.00

White Glaze, Green Glaze, Pink Glaze	Per 100
16x 4 x3	$ 2.65
20x 4 x3	3.00
18x 5 x3	3 00
21x 5 x3	3 50
24x 5 x3½	3.75
30x 5 x3½	4.50
36x 5½x3½	5.65
18x 6 x3½	3.65
21x 7 x3½	4.00
21x 8 x4	4.65
24x 8 x4	5.25
28x 8 x4	6.00
28x 8 x5	6.50
36x 8 x5, Telescope.	9.00
36x10 x5 "	11.00
40x 8 x5 "	11.00
42x 8 x5 "	13.25
42x10 x5 "	15.00
48x10 x5 "	18.00

Spray, Design and Miscellaneous Palm Green	Per 100
18x 6x3½	$ 2.75
15x 6x5	3.50
21x 8x4	3.50
24x 8x5	4.00
23x12x5, Telescope	7.50
12x12x8 "	9.00
30x12x6 "	10.00
16x16x8 "	10.00
20x20x8 "	13.00
24x24x8 "	15.00
28x22x8 "	16 00
28x28x8 "	19.00
32x32x8 "	25.00
20x12x8 "	10.00
24x14x8 "	12.50
30x14x8 "	14.50
32x17x8 "	16.00
36x14x8 "	16.00
40x14x8 "	17.50
36x17x8 "	18.50
42x17x8 "	20.00

Spray, Design and Miscellaneous Mist Gray	Per 100
28x 6x 4	$ 3.50
24x 8x 5	4.00
30x 9x 4, Telescope	6.50
20x12x 8 "	10.00
24x14x 8 "	13.00
30x14x 8 "	15.00
48x 8x 5 "	12.50
30x12x 6 "	10.50
12x12x 8 "	9.50
14x14x 8 "	10.00
16x16x 8 "	10.50
20x20x 8 "	13.50
24x24x 8 "	15.50
24x24x10 "	20.00

Violet Boxes. White and Violet Glaze.	Per 100
7x4x4	$2.50
8x x5	4.00
10x6x5½	5.00
12x8x5½	6.00
Plain Violet	
7x4x4	1.75
10x6x5½	2.50
11x8x5½	3.50
Mist Gray	
7x4x4	2.50
8x5x5	2.75
10x6x5½	3.00
12x8x5½	3.50
Palm Green	
12x8x5½	3.50

All our Flower Boxes are made from Moisture-Proof Board.

No printing charges on lots of 300 or over. Special discounts allowed on quantity orders. Complete samples sent on application.

A. A. ARNOLD, 16-18-20-22 South Peoria Street, **CHICAGO**

INDIANAPOLIS.

The Market.

Indianapolis is in the midst of the coldest spell that it has experienced in the last twenty-five years; the thermometer showed 16 degrees below zero Sunday morning, January 7, and the fireman is about the busiest man around the greenhouses these days. The recent cold weather has had a tendency to shorten the supply of cut flowers. However, trade has dropped off considerably since the holidays and there is plenty of stock to be had. Carnations have shortened to a large extent, the better grades bringing from $3 to $4 per hundred. Beauties have suffered from the recent cloudy weather, bringing from $1.50 to $6 per dozen. First-class Killarney and Richmond bring $10 to $12.50 per hundred, while Brides and Maids go at $8 to $10. Sweet peas are to be had, but not in quantity, while Paper Whites, Romans and jonquils are plentiful. Orchids, valley and violets are not in heavy demand.

Various Notes.

The annual meeting of the State Florists' Association is to be held at the Commercial club, Wednesday afternoon, January 17. The election of officers for the ensuing year and other business of importance will be before this meeting, which will be followed by a banquet at 6 p. m. The committee in charge of the entertainment has a number of surprises to offer and members are advised not to fail to attend.

Henry Bakemeyer, with A. Wiegand & Sons, spent several days in Chicago last week.

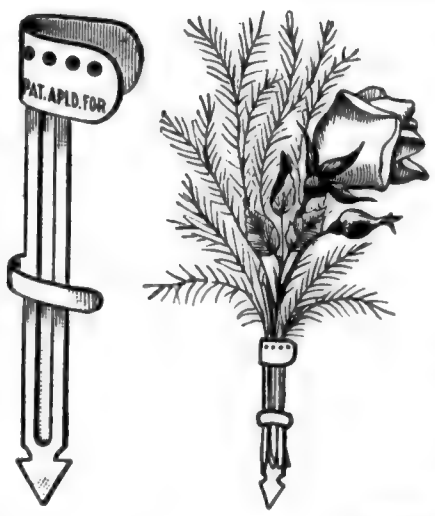
W. W. Coles, of Kokomo, dropped off in the city last week on his way to San Antonio, Tex.

Adolph Baur and Fred Dorner left Monday night to attend the convention in Detroit.

John Evans, of Richmond, spent a day in the city last week.

George Wiegand is contemplating a trip to Florida.

Baur & Steinkamp have been experiencing quite a little trouble with their water line, which froze up during the recent cold snap. In the construction of the boulevard in front of their place the dirt was nearly all removed from above the water main, which resulted in the pipe freezing. Baur & Steinkamp did not suffer any serious results, as a pump connected with a well took care of the boilers. H. L. W.



BEHRE'S IMPROVED MODEL

STEM-ER

Patent applied for.

A time-saver to the extent of lessening over 50% of the labor, together with the grace in which the leaves and flowers can be set by the firm hold the Stemmer has upon them, **making them an article of perfection.** They are now being used by leading designers.

Prices: From 1000 to 5000 at 75c per 1000; 10,000 lots at 70c; 25,000 lots and over at 65c. At your dealer's or direct from the factory.

E. H. BEHRE, Madison, N. J.

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All Sizes — Lowest Prices

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MILWAUKEE, WIS.

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Cut Flower Boxes and Fiber Shipping Cases

It will pay you to get our samples and prices before ordering. You will find our prices right.

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American Metal Box Co.

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Conard & Jones Co., West Grove, Pa.

Agents for New York, New Jersey and Penna.

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CORRUGATED DESIGN STYLE AND FOLDING CUT FLOWER BOXES

Florists' success in shipping flowers depends to the greatest extent upon the point where their interest ceases in the sale of flowers. The progressive, prosperous florist retains his interest in a customer's order until it reaches destination, and for that reason he is careful to select the proper style and grade of box to insure safe delivery of his flowers.

Particular Florists are users of **Sefton Corrugated Fibreboard Boxes** for the shipment of Floral Designs as well as our superior line of **Folding Cut Flower Boxes.** They know from experience that Sefton Boxes combine high quality with low price and make neat, attractive packages which carry the flowers safely to destination. **Write for our Flower Box Price List.**



THE SEFTON MFG. COMPANY
1333 W. 35th ST., CHICAGO, ILL.
FACTORIES: CHICAGO, ILL. ANDERSON, IND. BROOKLYN, N. Y.



Order Boxes Now

for your Spring Trade. They will pay for themselves in saving of time and material, and your shipments will be delivered to your customers in perfect condition.

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BETTER BOXES

are our constant aim. Made to your special order—any size, shape or design, lined or unlined. Ask for particulars today.

Phone Dearborn 423

H. SCHULTZ & CO., Superior and Roberts Sts., **Chicago**

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CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

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H. & D. FLORISTS' BOX

Universally used for shipping cut flowers and designs. The dead-air cells form a perfect non-conductor of heat and cold, thus preserving contents much longer than ordinary wood box.

H. & D. Florists' Box can be used several times. Is much lighter than the ordinary box, thus saving in express charges.

Write for Catalogue
"HOW TO PACK IT"

THE HINDE & DAUCH PAPER CO., Sandusky, O.

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Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$1.90 per 100
No. 1	3x4⅛x16	1.75 per 100
No. 2	3x6x18	2.25 per 100
No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x28	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x20	6.25 per 100
No. 11	3⅛x5x30	3.25 per 100
No. 12	6x12x39 (telescope)	10.00 per 100
No. 13	5x10x30	5.50 per 100
No. 14	6x16x39	10.00 per 100

This list will cancel all former lists.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

LIVINGSTON SEED CO.
COLUMBUS, OHIO

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CLIMAX CLASSY CUT FLOWER BOXES

Five Grades—Oxford Gray, Mist Green, Nonpareil Green, White Carnation and our popular "Favorite Grade"—the latter a heavy, full telescope shipping box. All popular sizes in stock for immediate shipment. Before placing order, it will pay you to write for prices and samples. Address

THE CLIMAX MANUFACTURING CO.
200 Factory St., CASTORLAND, N. Y.

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Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Leonard H. Vaughan, Chicago; First VicePres., M. H. Duryea, New York City; Sec'y and Treas., C. E. Kendel, Cleveland, O.

VISITED CHICAGO: A. B. Haven, representing Haven Seed Co., Santa Ana, Cal.

THERE was the usual quiet little gathering of seedsmen at Washington, Tuesday, January 9, to witness the opening of the bids on the government contract.

THE man who wants to contract 50,000 bushels of peas, 1912 crop, probably would have little trouble at next month's canners' convention at Rochester. But who wants to?

BEFORE the end of the month Ralph M. Ward & Co., New York, will remove to 71 Murray street, where the entire ninth floor will be occupied with quarters that will be up-to-date in every respect.

C. C. ABEL & Co., New York, well known importers and exporters of horticultural commodities, filed a petition in bankruptcy January 4. Liabilities, $55,237; nominal assets, $15,371.

J. W. JUNG, Randolph, Wis., says that seed corn is bound to be sold out long before the end of the season, owing to the unfavorable weather having caused farmers to neglect saving their own seed.

BELATED orders for Dutch bulbs still are being filled. The S. S. Potsdam, that reached New York January 3, from Rotterdam, brought five cases for Peter Henderson & Co. and six cases for Henry & Lee.

NOT all the pea growers have succumbed to the temptation of high prices and parted with stock seeds. Quite on the contrary, some of them are holding on to more stock than usual, to increase the 1912 acreage.

THE first catalogues mailed are bringing a not more than usually prompt response. The severe cold snap that was general all over the country right after the holidays has operated toward holding back the early birds.

H. F. MICHELL Co., Philadelphia, already has found its new buildings inadequate to its needs and has leased the four-story building adjoining its Ludlow street warehouses to give a necessary increase in warehouse facilities.

THERE are quite a few new people starting into the seed growing business and it is said they express surprise at the reluctance to intrust stock seed to them. Your up-to-date seedsman looks pretty closely into the qualifications of the men with whom he makes contracts these days.

PROBABLY it will take two or three full crop years to put the world's stock of seeds back to normal, but it certainly does look as though individual seedsmen were largely overcontracting their needs for 1913, undoubtedly with the idea of getting their wants filled even in the face of another year of short deliveries like the last.

THE grass seed business conducted by Henry Nungesser & Co., New York, has been taken over by a newly organized company known as the Nungesser-Dickinson Seed Co., and will be continued under that name. Henry Nungesser, for so many years identified with the grass seed business in this country and Europe, is president of the new company, and will assume charge of its affairs. Marshall

HERE SINCE 1879
Arkansas Valley Seed Company
D. H. BROWNE LAKIN, KANSAS C. H. BROWNE
Contract Growers of Muskmelon, Watermelon and Cucumber
We desire to announce to the trade that Mr. Wm. Logan is no longer connected with this company in any way. And that we are now booking contract orders for Muskmelon, Watermelon and Cucumber Seed.
Write today for contract price list, also our surplus list of Vine Seeds.
Mention The Review when you write.

BULBS
Far Below Cost
Ask for prices.
James Vick's Sons
ROCHESTER, N. Y.
Mention The Review when you write.



Colored Flower and Vegetable Seed Bags
Send for Catalogue and Samples.
Herndon & Lester, Inc.
RICHMOND, VA.
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Metal Clasp Mailing Envelopes
LOUIS JEFFREY
78th & Brunswick Ave., Philadelphia, Pa.
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TOMATO SEED
BEST STOCKS. ALL VARIETIES.
The Haven Seed Co.
Growers for wholesale trade only. Santa Ana, Cal.
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LAWN GRASS SEED
WHOLESALE ONLY
J. OLIVER JOHNSON
1876 Milwaukee Avenue, CHICAGO
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BURNETT BROS.
SEEDS :: BULBS :: PLANTS
72 Cortlandt St., NEW YORK CITY
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New Davis Perfect Cucumber
grown under irrigation by
WESTERN SEED & IRRIGATION CO.
Seed Growers and Dealers. Specialties: Cucumber, Musk and Watermelon, Pumpkin, Squash, Sweet and Field Corn.
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The Ebbert Seed Company
ROCKY FORD, COLO.
Contract growers for the Trade. High-grade Vine Seeds. Specialties: Rocky Ford Cantaloupe, Muskmelon and Cucumber Seed.
Place Your Orders Early
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Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar, Flint and Field Seed Corns.

RATEKIN'S SEED HOUSE
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Largest Seed Corn growers in the world. Contract growers of **Sugar, Flint and Field Seed Corns.** Specialties: Diamond Joe's Big White, Iowa Silver Mine, Pride of the North and Mammoth Iowa Yellow Dent.
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H. Duryea is vice-president and treasurer, and Wm. A. Proescholdt, secretary. The directors include the foregoing members of the old firm and Chas. Dickinson and Chas. D. Boyles, of the A. Dickinson Co., Chicago.

KELWAY & SON, the widely known seed growers at Langport, Somerset, England, are extending their connections in America on the mail-order basis, not having sent travelers to canvass the trade. One of the unusual features of the 1912 catalogue, just received, is that the prices are net, most such lists being subject to trade discounts.

AMONG a number of cultural leaflets issued January 1 by W. Atlee Burpee & Co., is one on "How to Grow Sweet Peas," of which this is the fourth edition,

J. BOLGIANO & SON —WHOLESALE— Field and Garden Seeds
ESTABLISHED 1818 Write for our low prices
Light, Pratt & Ellicott Sts. BALTIMORE, MD.
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BEANS, PEAS, RADISH
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LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO
ONION SETS GROWERS FOR THE TRADE
Write for Prices!
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YOU will be satisfied with the products of
Burpee's "Seeds that Grow"
Better write to Burpee, Philadelphia,—for new Complete Catalogue.

The Everett B. Clark Seed Co., MILFORD, CONN.
Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.
BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC.

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Wholesale Growers of
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SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn
EDGAR F. HURFF, MULLICA HILL, NEW JERSEY
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Routzahn Seed Co.
ARROYO GRANDE, CAL.
SWEET PEA and NASTURTIUM
SPECIALISTS
Wholesale growers of full lists of FLOWER and GARDEN SEEDS.

THE HAS. H. TILLY CO.
SEATTLE, WASH.
Growers of
PUGET SOUND CABBAGE SEED
Mention The Review when you write

Henry Fish Seed Co.
BEAN GROWERS
For the Wholesale Seed Trade
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Peas and Beans
...Growers For The...
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Alfred J. Brown Seed Co.
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Contracting growers of **Peas, Beans** and famous **Sweet Corn.** Introducers of the **White Mexican Sweet Corn.**

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JACKSON, MICH.
Contract Seed Growers
Bean, Cucumber, Tomato, Radish, Pea, Squash, Muskmelon, Watermelon, Sweet Corn.
Correspondence Solicited

ONION SEED — ONION SETS
We are extensive growers and dealers. Write for prices on the 1911 crop. We are also submitting contract figures for the 1912 crop of Onion Seed.
SCHILDER BROS., CHILLICOTHE OHIO

The C. Herbert Coy Seed Co.
VALLEY, Douglas County, NEB.
Wholesale Growers of High Grade Seeds.
Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

Lily of the Valley

¶ "J. & P. Perfect" Brand, new crop three-year pips, the kind indicated by the name; grade and quality **guaranteed,** at $15.00 per 1000, packed 2000 to the case.

Prompt Shipment

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Cold Storage Valley

W. & D.'s Extra Selected Berlin Pips, $8.50 per box of 500 pips. W. & D.'s Sure Crop English Mushroom Spawn—new crop, just received, $8.00 per 100 lbs. Cash with order or satisfactory references.

Weeber & Don, Seed Merchants and Growers **New York City**
114 Chambers Street

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revisions having also been issued in 1908 and 1910.

THE big mail-order seed houses have almost abandoned the big general magazines as a means of getting inquiries for catalogues. The January magazines carry scarcely any seed trade advertising and only a little is ordered for February.

LOS ANGELES SEED SITUATION.

All the seedsmen report business opening up well, though the dry December and the holidays checked the demand somewhat. Most of the seedsmen here handle nursery stock and advance orders for oranges are exceptionally good, according to C. Winsel.

Aggeler & Musser say their fall plantings were considerably delayed by drought, but opened up with a jump at the new year. This progressive firm notes a big increase in business and inquiries to date are largely in excess of previous years, especially for their specialties in peas and muskmelons.

The Germain Seed & Plant Co. has completely remodeled its store inside and out, and M. L. Germain, who has recently taken an active lead in the business, has systematized and improved the office end.

The West Coast Seed House has moved from its old location on Winston street to 116-118 East Seventh.

Theodore Payne and the Morris & Snow Seed Co. both report business good. Mr. Payne has bought out the lease and stock of John Chevaucher at Hollywood. H. R. R.

JAPANESE LILY BULBS.

Frank H. Henry, of Henry & Lee, New York, was in Chicago this week on his way home from Japan, where six months have been spent among the lily growers. Mr. Henry, who was accompanied by his wife and daughter, gives the following summary of crop conditions as they appeared to him on the day he sailed from Yokohama, December 12:

"The acreage of Formosas planted for the 1912 crop is thirty per cent less than was planted for the 1911 crop, and it is to be expected that prices will range from ten to fifteen per cent higher than during the last season. The Formosas are turning out better

Bruns' Valley gives the largest number and biggest bells all the year



BRUNS' VALLEY

The Standard of Quality

I send pips to every state of the Union and my continued sales without traveling representatives mean continued high quality.

I supply all the year around

Chicago Market Brand

the finest pips in existence.

Don't wait for the drummers to come, but order Bruns' Valley and grow Bruns' Valley and your troubles will be over.

My representatives in Europe are constantly on the lookout for the best pips to be had. **Bruns' Chicago Market Brand** is the result.

$2.00 per 100; $16.00 per 1000

I also supply the

Florists' Money-Maker

early forcing pips, at

$1.50 per 100; $14.00 per 1000

ORDER NOW! Write for Import Prices

H. N. BRUNS

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Berlin Valley Pips

Surplus lots. All high-grade, Berlin type, A. B. S. Pips. Recent arrivals. Case lots only. Ask for list of lots and f. o. b. New York prices.

McHUTCHISON & CO.

THE IMPORT HOUSE

17 Murray St., NEW YORK

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Our **EARLY BRAND** of selected German Lily of the Valley forcing pips, now ready, in cases of 2500 pips, at

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Importer of

Azaleas, Palms, Bay Trees

and all other Belgian Plants, Lily of the Valley of the finest Berlin and Hamburg Brands.

Japanese, Holland and French Bulbs

FRENCH and ENGLISH

FRUIT and ORNAMENTAL STOCKS

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CYNOSURUS CRISTATUS

(Crested Dogstail)

Purity and germination guaranteed.

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Seed Exporters

Waterford, Ireland.

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Including unique collection of

DELPHINIUMS

Catalogue free.

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ENFIELD, Middlesex, Eng.

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J. HASSLACH

SEED GROWER

St. Remy de Provence, France

has issued his Seed Catalogue for Specialties in first-class Flower and Garden Seeds.

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this season than heretofore, because of the bulbs being more thoroughly matured when shipped. I am convinced that a large part of the trouble the bulb forcers have with their stock is due to too early digging of the bulbs. Experience shows that not only is the loss greatly reduced by waiting until the bulbs are thoroughly matured before digging, but the late dug, well-matured bulbs can be brought into flower earlier than the green, early dug bulbs. Bulb forcers should not insist on early delivery; rather insist on having well-matured bulbs.

"The quality of the multiflorums has been considerably improved by the careful roguing of the stock; the Japanese are beginning to appreciate the importance of getting rid of the diseased and mixed types. The quantity planted for the next crop is a little smaller than

DO NOT FORGET

to look at this **SPECIAL OFFER** of 20,000 dwarf roses, 10,000 Climbing and 2000 Standard roses, strong heads, stems 3½-4 ft. high, in the following well-known varieties:

Car. Testout, Jules Groles, La France, Magna Charta, Marie Dermar, C. F. Meyer, Perle des Blanches, Jules Margottin, Katharine Zeimet, Richmond, Edu. Meyer, Am. Beauty, Killarney, Bernard Paul, Charles Wood, Druschki, Paul Neyron, Brunner, Teplitz, J. B. Clark, Ravary, Cutbush, Baby Rambler, Gen. MacArthur, Folkestone, Leon Pain, Mme. Taft, Phyllis, etc.

CLIMBING VARIETIES: American Pillar, Flower of Fairfield, Climb. Testout, Climb. La France, Dorothy, Hiawatha, Lady Gay, Tausendschon, T. Crimson Rambler, White Dorothy, etc.

Dwarf roses, **purchaser's** selection	per 1000,	**$45.00**
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Climbing roses, **our** selection	per 1000,	**45.00**
Standard roses, **purchaser's** selection	per 100,	**18.00**
Standard roses, **our** selection	per 100,	**17.00**

Offer subject to being unsold. Cash with order or **trade references** will be highly esteemed by

A. KOLOOS & CO., Nurserymen, BOSKOOP, HOLLAND

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1912 ISSUE

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HENRY METTE, Quedlinburg, Germany

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Grower and Exporter on the very largest scale of all

CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼ oz.; 75c per 1/16 oz. Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own vast grounds,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

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PERFECT PLANT FOODS

THOMSON'S Vine Plant and Vegetable MANURE

Unrivaled for vines, tomatoes, cucumbers, all flowering, foliage and fruit bearing plants; vegetables, lawns, etc. Has stood the test of 30 years. The result of many years of practical experience.

Sold by Leading American Seedsmen.

Also Thomson's Special Chrysanthemum and Topdressing Manure. An Excellent Stimulant.

Freight paid on quantities; liberal terms to retailers. Write for our special offer to the American trade, agents' circulars, pamphlets, etc., to sole makers.

Also Exporters of **Pure Scotch Soot** Write for prices, etc.

Wm. Thomson & Sons, Ltd., Tweed Vineyards, Clovenfords, Scotland

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VAN GRIEKEN'S BULBS, SOUND AND WELL SELECTED

High-grade Hyacinths, Tulips, Narcissus, Crocus, etc. Write for Catalogue.

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German Stock Seeds

A GRAND SPECIALTY

Price list on application

PAUL TEICHER, Striegau, Germany

Oldest Special House

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DANISH SEEDS

If you take interest in Cabbage, Cauliflower, Carrot, Mangel, Swede and Turnip, of selected strains (state controlled), please apply to

CHR. OLSEN, Odense, Denmark

Wholesale Seed Grower (Established 1862), in order to have your name placed on my mailing list.

Mention The Review when you write.

DREER'S FANCY LEAVED CALADIUMS

We are carrying the largest stock of Fancy Leaved Caladiums in the world in an assortment of varieties which, besides the choice standard sorts, includes many new and rare varieties not generally offered.

Bulbs started at any time before the middle of April will make splendid plants in 3½ or 4-inch pots, which will prove useful for porch and window boxes in shaded or semi-shaded positions and which always meet with ready sale, while for the decoration of the Florist's store window during the summer months no more useful subject can be grown.



We offer special selections according to variety as follows:

Choice Standard Varieties, $1.75 per doz.; $12.00 per 100; $100.00 per 1000.

Choice Rare and New Varieties, $2.25 per doz.; $15.00 per 100; $140.00 per 1000.
Choice Mixed Varieties, $1.50 per doz.; $10.00 per 100.
Rare New Varieties, the most recent introductions, $3.50 per doz.; $25.00 per 100.
The above prices are for the trade only.

HENRY A. DREER 714 Chestnut St. **Philadelphia, Pa.**

usual, but prices are expected to stand with little change.

"The larger sizes of giganteums, say from 8-inch up, will be scarce next season and prices will be from twenty to twenty-five per cent higher. Greater care in growing is effecting some improvement in quality and the quantity planted is about the same as last year, but these are mostly the smaller sizes.

"The situation with regard to album and auratum is normal. The quantity planted of rubrum, Melpomene and magnificum is forty to fifty per cent short of normal and prices will inevitably be higher."

Mr. Henry left Robert Fulton at Yokohama, where he remained until January 9, on which date he sailed for San Francisco.

GLADIOLI IN HOLLAND.

Although hyacinths, tulips and daffodils take the first place in the bulb district, many other bulbous plants are also grown. Formerly only a few bulb growers cultivated such things as gladioli, anemones, chionodoxas, fritillarias, snowdrops, irises, ixias, sparaxis, muscari, ranunculus, scillas, etc., says a writer in the Horticultural Advertiser (British), but as it is impossible to grow hyacinths, tulips or daffodils year after year on the same place, many growers make a change of crop by the cultivation of the bulbous plants mentioned above. Some growers also grow vegetables, and of these, potatoes, beans, cabbage and carrots give the best results. This year, especially, the crop of potatoes was remarkably fine, and in some places paid better than tulips. The culture of beans and peas improves the soil for the cultivation of bulbs. In most cases, however, bulb culture gives better results, as the demand for all kinds has risen remarkably.

The Dutch bulb growers call all bulbous plants, except hyacinths, tulips and daffodils, "bygoed," and of this the gladiolus forms a main part. Gladioli are divided into two large groups, early and late-flowering kinds. Of these, the early Dutch gladioli, to which Colvillei, nanus, ramosus, etc., belong, are well known all over the world, but just lately the late gladioli have received the greatest attention. At the meetings of the floral committee of the Dutch Bulb Growers' Society, held every fortnight during the summer, a large number of the most beautiful varieties were shown this season. Of course not all the varieties are of Dutch origin, but we have seen Dutch seedlings as good as the best of the foreign varieties. In support of the high quality of Dutch seedlings, may be noted that a grower at Overveen sold six bulbs of the variety Meteor for 1,000 guilders (or $400); also for the so-called spawn high prices have been paid.

In addition, Dutch bulb growers have extensive cultures of the best-known varieties, as America, Europa, Glory of Holland, etc. In the last year or two the culture of named kinds has in-

Paper White Narcissus
Lilium Giganteum
DUTCH BULBS
Full Line of Stock. Write for Prices.
D. RUSCONI
126 W. 6th St., CINCINNATI, O.
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SURPLUS OF
L. Multiflorums 7-9
Write for prices.
The Yokohama Nursery Co., Ltd.
No. 31 Barclay Street, NEW YORK

Let Ayres' Superior Orchid-Flowering Sweet Peas
Follow Your Mums
The Fine Unsurpassed varieties
Asta Ohn Spencer, lavender, lb., $2.00. America Spencer, great novelty, red and white striped, lb., $4.00. Florence Morse Spencer, a beautiful light pink, lb., $2.50. Large White Spencer, the unrivaled white, lb., $2.50. Apple Blossom, pink shaded rose, lb., $1.75. Any of the above, oz., 35c. We also have all the winter flowering varieties. Write for our Sweet Pea Catalogue.
Ayres' Re-selected Grand Rapids Lettuce Seed
Is universally used by florists. Oz., 15c; lb., $1.25.
S. B. AYRES CO. Sunnyslope, Independence, Mo.
Florists—Nurserymen—Seedsmen
10 miles east of Kansas City, Mo.
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Asparagus Plumosus Nanus
New crop. Greenhouse grown.
50c per 100;
$4.00 per 1000.
A. HENDERSON & CO.
30 E. Randolph St., CHICAGO, ILL.
Mention The Review when you write.

Asparagus Plumosus Nanus
New Crop—Greenhouse-grown
100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $3.50; 10,000 seeds, $30.00.
Sprengeri, 25c per 250 seeds; 75c per 1000 seeds; $2.75 per 5000 seeds.
Our Flower Seed Catalogue free on application.
THE MOORE SEED CO., 125 Market St., Philadelphia
Mention The Review when you write.

The "Spencer" Type of Sweet Peas

Burpee's Special Re-selected Stocks for 1912

"Spencer" Sweet Peas are a great specialty with us. We were the first to grow the seed in America—the stock having been entrusted to us before introduction, even in England, of the original Countess Spencer. We have grown "the original Beauty" and its many "sportive" children with painstaking care each season since. There are but few other growers—either in England or America—who can supply an equal assortment of **True Re-selected "Spencers"** that are uniformly of such choice quality. Seedsmen and planters generally can see how superior our stocks now are by the trials at Fordhook Farms next June or July, while those who may be in California are invited also to inspect the growing crops at our Floradale Farm in the beautiful Lompoc Valley. Every planter's garden, however, is really a trial ground and we shall be quite content if any "Doubting Thomas" will send us only a portion of his order and note the difference in character of flowers produced.

☞ You can buy so-called "Spencer" Sweet Peas at half our prices—but the result will be only disappointment, and when in flower you will surely admit that you would gladly have paid **even double our prices** to have had the **Burpee Quality** of the **True Spencer Type.**

		Per pkt.	Per oz.	Per ¼lb.	Per lb.
3131	**American Spencer.** Red flakes on white ground	$0.10	$0.40	$1.40	
3132	**Arthur Green.** Standard maroon, wings maroon deeply shaded violet	.15			
3133	**Asta Ohn Spencer.** A charming soft lavender	.10	.25	.75	$2.75
3134	**Apple Blossom Spencer.** Rose and pink	.10	.30	.85	3.25
3135	**Aurora Spencer.** Cream mottled with orange-salmon	.10	.20	.60	2.00
3136	**Blanche Ferry Spencer.** Rose standard, pinkish-white wings	.10	.30	.85	3.00
3138	**Beatrice Spencer.** White ground, tinted pink and buff	.10	.20	.60	2.00
3139	**Countess Spencer.** A soft rose-pink	.10	.20	.60	2.25
3157	**Captivation Spencer.** Rosy wine red. Pkt. of twelve seeds, 15 cents	.25			
3140	**Constance Oliver.** Delicate pink, suffused cream	.10	.35	1.00	3.50
3141	**Dainty Spencer.** White, edged with rose	.10	.40	1.10	4.00
3149	**Emily Eckford Spencer.** Rosy mauve, changing to blue	.10	.20	.60	2.00
3143	**Ethel Roosevelt.** Pink flakings on cream ground	.10	.40	1.50	5.75
3144	**Flora Norton Spencer.** A beautiful shade of lavender	.10	.30	.85	3.00
3145	**Florence Morse Spencer.** Beautiful light pink	.10	.30	.85	3.00
3146	**Florence Nightingale.** The best lavender Spencer	.15	.65	1.75	
3146a	**Gaiety Spencer.** White striped with rose-crimson	.15	.80	2.25	8.50
3147	**George Herbert.** Bright rosy-carmine	.10	.25	.75	2.50
3150a	**Gladys Burt.** Salmon-pink on primrose ground	.15	.40	1.50	5.00
3148	**Helen Lewis.** Standard orange; wings orange-rose	.10	.20	.60	2.00
3151	**Irish Belle ("Dream").** Lilac flushed pink. Pkt. (twelve seeds), 15 cents	.25			
3151a	**Isobel Malcolm.** A beautiful cream color	.15			
3152	**Burpee's King Edward Spencer.** Deep carmine-scarlet	.10	.20	.60	2.00
3153a	**Martha Washington.** White suffused light rose	.10	.35	1.00	3.50
3154	**Mrs. A. Ireland.** Buff ground suffused rose	.10	.20	.65	2.25
3154a	**Margaret Madison.** A beautiful clear azure blue. Pkt. (ten seeds), 15 cents	.25			
3155	**Marie Corelli.** Brilliant rose-carmine	.10	.65	1.75	6.50
3158	**Mrs. C. W. Breadmore.** Buff ground, edged with pink	.10	.25	.75	2.50
3158a	**Mrs. Cuthbertson.** Standard rose-pink, wings white flushed pale rose	.15			
3159	**Mrs. Routzahn.** Apricot suffused delicate pink	.10	.30	.85	3.00
3159a	**Mrs. Heslington.** Lavender, lightly flushed rose-pink	.15			
3162	**Mrs. Hugh Dickson.** Pink-apricot on cream gr und	.10	.35	1.25	4.50
3161	**Othello Spencer.** Rich deep maroon	.10	.30	.85	3.25
3165	**Pearl-Gray Spencer.** Dove gray suffused rose. Pkt. of twelve seeds, 15 cents	.25			
3166	**Burpee's Primrose Spencer.** (Re-selected)	.10	.20	.60	2.00
3168	**Purple Prince Spencer.** Standard purple-maroon, wings rosy-purple	.10	.30	.85	3.00
3169	**Queen Victoria Spencer.** Primrose flushed with rose	.10	.40	1.50	
3169a	**Rainbow Spencer.** Ivory white streaked with rose. Pkt. of fifteen seeds, 15 cents	.25			
3170	**Ramona Spencer.** Striped blush pink on white ground	.10	.25	.75	2.50
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3172	**Thomas Stevenson.** Standard intense, flaming wings, rosy-carmine shaded orange. Pkt. (twelve seeds), 15 cents	.25			
3173	**Senator Spencer.** Claret stripes on heliotrope ground	.10	.25	.75	2.50
3174	**Tenant Spencer.** Spencer form of Dorothy Tennant	.10	.50	1.75	
3180	**Waverly Spencer.** Purplish maroon	.10	.25	.75	2.50
3175	**W. T. Hutchins.** Cream-yellow, margined blush-pink	.10	.40	1.35	5.00
3176	**Burpee's White Spencer.** (Re-selected.) Crop short	.10	.40	1.40	5.00
3179	**Vermilion Brilliant.** Intense pure scarlet. Pkt. of twelve seeds, 15 cents	.25			
3181	**Surpassingly Superb New Spencer "Seedlings,"**	.10	.20	.60	2.00

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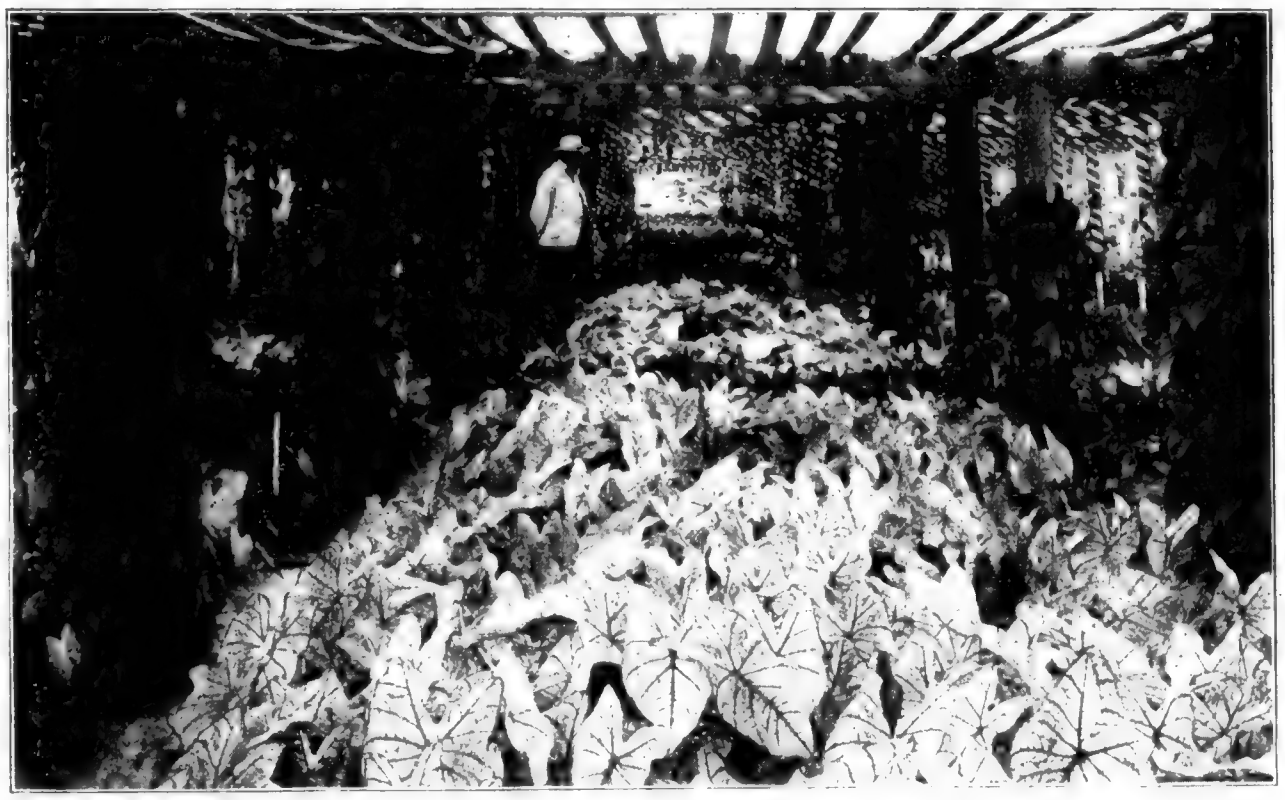
BURPEE'S BLUE LIST FOR 1912—a complete catalog of 148 pages, for Florists and Market Gardeners—will be mailed upon application, **BUT ONLY TO THOSE ENTITLED TO RECEIVE IT.** Our retail catalog is free to everyone.

W. ATLEE BURPEE & CO., PHILADELPHIA, PA.

DREER'S FANCY LEAVED CALADIUMS

We are carrying the largest stock of Fancy Leaved Caladiums in the world in an assortment of varieties which, besides the choice standard sorts, includes many new and rare varieties not generally offered.

Bulbs started at any time before the middle of April will make splendid plants in 3½ or 4-inch pots, which will prove useful for porch and window boxes in shaded or semi-shaded positions and which always meet with ready sale, while for the decoration of the Florist's store window during the summer months no more useful subject can be grown.



We offer special selections according to variety as follows:

Choice Standard Varieties, $1.75 per doz.; $12.00 per 100; $100.00 per 1000.

Choice Rare and New Varieties, $2.25 per doz.; $15.00 per 100; $140.00 per 1000.
Choice Mixed Varieties, $1.50 per doz.; $10.00 per 100.
Rare New Varieties, the most recent introductions, $3.50 per doz.; $25.00 per 100.
The above prices are for the trade only.

HENRY A. DREER 714 Chestnut St. Philadelphia, Pa.

usual, but prices are expected to stand with little change.

"The larger sizes of giganteums, say from 8-inch up, will be scarce next season and prices will be from twenty to twenty-five per cent higher. Greater care in growing is effecting some improvement in quality and the quantity planted is about the same as last year, but these are mostly the smaller sizes.

"The situation with regard to album and auratum is normal. The quantity planted of rubrum, Melpomene and magnificum is forty to fifty per cent short of normal and prices will inevitably be higher."

Mr. Henry left Robert Fulton at Yokohama, where he remained until January 9, on which date he sailed for San Francisco.

GLADIOLI IN HOLLAND.

Although hyacinths, tulips and daffodils take the first place in the bulb district, many other bulbous plants are also grown. Formerly only a few bulb growers cultivated such things as gladioli, anemones, chionodoxas, fritillarias, snowdrops, irises, ixias, sparaxis, muscari, ranunculus, scillas, etc., says a writer in the Horticultural Advertiser (British), but as it is impossible to grow hyacinths, tulips or daffodils year after year on the same place, many growers make a change of crop by the cultivation of the bulbous plants mentioned above. Some growers also grow vegetables, and of these, potatoes, beans, cabbage and carrots give the best results. This year, especially, the crop of potatoes was remarkably fine, and in some places paid better than tulips. The culture of beans and peas improves the soil for the cultivation of bulbs. In most cases, however, bulb culture gives better results, as the demand for all kinds has risen remarkably.

The Dutch bulb growers call all bulbous plants, except hyacinths, tulips and daffodils, "hygoed," and of this the gladiolus forms a main part. Gladioli are divided into two large groups, early and late-flowering kinds. Of these, the early Dutch gladioli, to which Colvillei, nanus, ramosus, etc., belong, are well known all over the world, but just lately the late gladioli have received the greatest attention. At the meetings of the floral committee of the Dutch Bulb Growers' Society, held every fortnight during the summer, a large number of the most beautiful varieties were shown this season. Of course not all the varieties are of Dutch origin, but we have seen Dutch seedlings as good as the best of the foreign varieties. In support of the high quality of Dutch seedlings, may be noted that a grower at Overveen sold six bulbs of the variety Meteor for 1,000 guilders (or $400); also for the so-called spawn high prices have been paid.

In addition, Dutch bulb growers have extensive cultures of the best-known varieties, as America, Europa, Glory of Holland, etc. In the last year or two the culture of named kinds has in-

Paper White Narcissus
Lilium Giganteum
DUTCH BULBS
Full Line of Stock. Write for Prices.
D. RUSCONI
198 W. 6th St., CINCINNATI, O.
Mention The Review when you write.

SURPLUS OF
L. Multiflorums 7-9
Write for prices.
The Yokohama Nursery Co., Ltd.
No. 31 Barclay Street, NEW YORK

Let Ayres' Superior Orchid-Flowering Sweet Peas
Follow Your Mums
The Fine Unsurpassed varieties
Asta Ohn Spencer, lavender, lb., $2.00. America Spencer, great novelty, red and white striped, lb., $4.00. Florence Morse Spencer, a beautiful light pink, lb., $2.50. Large White Spencer, the unrivaled white, lb., $2.50. Apple Blossom, pink shaded rose, lb., $1.75. Any of the above, oz., 35c. We also have all the winter flowering varieties. Write for our Sweet Pea Catalogue.
Ayres' Re-selected Grand Rapids Lettuce Seed
Is universally used by florists. Oz., 15c; lb., $1.25.
S. B. AYRES CO. Sunnyslope, Independence, Mo.
Florists—Nurserymen—Seedsmen
10 miles east of Kansas City, Mo.
Mention The Review when you write.

Asparagus Plumosus Nanus
New crop. Greenhouse grown.
50c per 100;
$4.00 per 1000.
A. HENDERSON & CO.
30 E. Randolph St., CHICAGO, ILL.
Mention The Review when you write.

Asparagus Plumosus Nanus
New Crop—Greenhouse-grown
100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $3.50; 10,000 seeds, $30.00.
Sprengeri, 25c per 250 seeds; 75c per 1000 seeds; $2.75 per 5000 seeds.
Our Flower Seed Catalogue free on application.
THE MOORE SEED CO., 125 Market St., Philadelphia
Mention The Review when you write.

The "Spencer" Type of Sweet Peas

Burpee's Special Re-selected Stocks for 1912

"Spencer" Sweet Peas are a great specialty with us. We were the first to grow the seed in America—the stock having been entrusted to us before introduction, even in England, of the original Countess Spencer. We have grown "the original Beauty" and its many "sportive" children with painstaking care each season since. There are but few other growers—either in England or America—who can supply an equal assortment of **True Re-selected "Spencers"** that are uniformly of such choice quality. Seedsmen and planters generally can see how superior our stocks now are by the trials at Fordhook Farms next June or July, while those who may be in California are invited also to inspect the growing crops at our Floradale Farm in the beautiful Lompoc Valley. Every planter's garden, however, is really a trial ground and we shall be quite content if any "Doubting Thomas" will send us only a portion of his order and note the difference in character of flowers produced.

☞ You can buy so-called "Spencer" Sweet Peas at half our prices—but the result will be only disappointment, and when in flower you will surely admit that you would gladly have paid **even double our prices** to have had the **Burpee Quality** of the **True Spencer Type.**

		Per pkt.	Per oz.	Per ¼lb.	Per lb.
3131	**American Spencer.** Red flakes on white ground	$0.10	$0.40	$1.40	
3132	**Arthur Green.** Standard maroon, wings maroon deeply shaded violet	.15			
3133	**Asta Ohn Spencer.** A charming soft lavender	.10	.25	.75	$2.75
3134	**Apple Blossom Spencer.** Rose and pink	.10	.30	.85	3.25
3135	**Aurora Spencer.** Cream mottled with orange-salmon	.10	.20	.60	2.00
3136	**Blanche Ferry Spencer.** Rose standard, pinkish-white wings	.10	.30	.85	3.00
3138	**Beatrice Spencer.** White ground, tinted pink and buff	.10	.20	.60	2.00
3139	**Countess Spencer.** A soft rose-pink	.10	.20	.60	2.25
3157	**Captivation Spencer.** Rosy wine red. Pkt. of twelve seeds, 15 cents	.25			
3140	**Constance Oliver.** Delicate pink, suffused cream	.10	.35	1.00	3.50
3141	**Dainty Spencer.** White, edged with rose	.10	.40	1.10	4.00
3149	**Emily Eckford Spencer.** Rosy mauve, changing to blue	.10	.20	.60	2.00
3143	**Ethel Roosevelt.** Pink flakings on cream ground	.10	.40	1.50	5.75
3144	**Flora Norton Spencer.** A beautiful shade of lavender	.10	.30	.85	3.00
3145	**Florence Morse Spencer.** Beautiful light pink	.10	.30	.85	3.00
3146	**Florence Nightingale.** The best lavender Spencer	.15	.65	1.75	
3146a	**Gaiety Spencer.** White striped with rose-crimson	.15	.80	2.25	8.50
3147	**George Herbert.** Bright rosy-carmine	.10	.25	.75	2.50
3150a	**Gladys Burt.** Salmon-pink on primrose ground	.15	.40	1.50	5.00
3148	**Helen Lewis.** Standard orange; wings orange-rose	.10	.20	.60	2.00
3151	**Irish Belle ("Dream").** Lilac flushed pink. Pkt. (twelve seeds), 15 cents	.25			
3151a	**Isobel Malcolm.** A beautiful cream color	.15			
3152	**Burpee's King Edward Spencer.** Deep carmine-scarlet	.10	.20	.60	2.00
3153a	**Martha Washington.** White suffused light rose	.10	.35	1.00	3.50
3154	**Mrs. A. Ireland.** Buff ground suffused rose	.10	.20	.65	2.25
3154a	**Margaret Madison.** A beautiful clear azure blue. Pkt. (ten seeds), 15 cents	.25			
3155	**Marie Corelli.** Brilliant rose-carmine	.10	.65	1.75	6.50
3158	**Mrs. C. W. Breadmore.** Buff ground, edged with pink	.10	.25	.75	2.50
3158a	**Mrs. Cuthbertson.** Standard rose-pink, wings white flushed pale rose	.15			
3159	**Mrs. Routzahn.** Apricot suffused delicate pink	.10	.30	.85	3.00
3159a	**Mrs. Heslington.** Lavender, lightly flushed rose-pink	.15			
3162	**Mrs. Hugh Dickson.** Pink-apricot on cream gr und	.10	.35	1.25	4.50
3161	**Othello Spencer.** Rich deep maroon	.10	.30	.85	3.25
3165	**Pearl-Gray Spencer.** Dove gray suffused rose. Pkt. of twelve seeds, 15 cents	.25			
3166	**Burpee's Primrose Spencer.** (Re-selected)	.10	.20	.60	2.00
3168	**Purple Prince Spencer.** Standard purple-maroon, wings rosy-purple	.10	.30	.85	3.00
3169	**Queen Victoria Spencer.** Primrose flushed with rose	.10	.40	1.50	
3169a	**Rainbow Spencer.** Ivory white streaked with rose. Pkt. of fifteen seeds, 15 cents	.25			
3170	**Ramona Spencer.** Striped blush pink on white ground	.10	.25	.75	2.50
3170a	**Scarlet Emperor.** A dark shade of scarlet. Offered only in packets containing six seeds	.25			
3171	**Stirling Stent.** Bright salmon suffused with orange. Pkt. (five seeds), 15 cents	.25			
3172	**Thomas Stevenson.** Standard intense, flaming wings, rosy-carmine shaded orange. Pkt. (twelve seeds), 15 cents	.25			
3173	**Senator Spencer.** Claret stripes on heliotrope ground	.10	.25	.75	2.50
3174	**Tenant Spencer.** Spencer form of Dorothy Tennant	.10	.50	1.75	
3180	**Waverly Spencer.** Purplish maroon	.10	.25	.75	2.50
3175	**W. T. Hutchins.** Cream-yellow, margined blush-pink	.10	.40	1.35	5.00
3176	**Burpee's White Spencer.** (Re-selected.) Crop short	.10	.40	1.40	5.00
3179	**Vermilion Brilliant.** Intense pure scarlet. Pkt. of twelve seeds, 15 cents	.25			
3181	**Surpassingly Superb New Spencer "Seedlings,"**	.10	.20	.60	2.00

The above prices are NET to Florists, except PRICES PER PACKET, which are subject to 33⅓ PER CENT DISCOUNT.

BURPEE'S BLUE LIST FOR 1912—a complete catalog of 148 pages, for Florists and Market Gardeners—will be mailed upon application, **BUT ONLY TO THOSE ENTITLED TO RECEIVE IT.** Our retail catalog is free to everyone.

W. ATLEE BURPEE & CO., PHILADELPHIA, PA.

GLADIOLI

Try GOLDEN QUEEN and PRESIDENT TAFT for forcing.

One customer writes under date of May 25th: —

"The Golden Queen that I ordered from you were planted in a carnation house on February 7th, and we are now getting fine spikes and handsome flowers. I find your variety to be one week earlier than Mrs. Francis King, ten days earlier than Augusta and two weeks ahead of America. They have been perfectly satisfactory in every way."

I have also a fine stock of Mrs. King, Klondyke, Taconic, Independence, Brenchleyensis, Geo. Paul and other kinds. Write for trade list.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

creased greatly. The prices for the better named varieties are rather high, and for seedlings rather low, so growers are looking after gladioli with names.

VALUE OF IMMORTELLES.

The U. S. customs appraisers have announced the following reappraisement:

20484—Immortelles.—From Alph Roche, Toulon. Exported July 30, 1911, entered at Philadelphia. File No. 61936. Entry No. 19163. Fischer, G. A.—Red, entered at 60, advanced to 74 francs per 100 bundles. Yellow, entered at 60, advanced to 70 francs per 100 bundles. Add cases.

CATALOGUES RECEIVED.

Henry F. Michell Co., Philadelphia, Pa., wholesale seed list; East Manchester Dahlia Gardens, East Manchester, N. H., dahlias, gladioli, etc.; W. Atlee Burpee & Co., Philadelphia, Pa., wholesale seed list; Old Colony Nursery, Plymouth, Mass., trade list; Armstrong Nurseries, Ontario, Cal., "The California Garden Guide"; Peter Henderson & Co., New York, N. Y., general seed list.

Calendars Received.

Amos F. Balfoort, Albany, N. Y.; Imperial Seed & Plant Co., Baltimore, Md.; Watkins & Simpson, Covent Garden, London, England.

PROVIDENCE.

The Market.

The first week of the new year did not round out so large a volume of business as had been anticipated, but as a whole was fairly satisfactory. Funeral work was the chief factor, but a few small social functions assisted. The week opened with a rush on account of the inauguration of the officers in five of the cities of the state, followed the next day with the state inauguration. The supplying of baskets, bouquets and other pieces, however, was so generally distributed that everybody got a fair share.

The supply of all kinds of cut flowers is now equal to the demand and the appearance of daffodils, hyacinths and other bulb stock has eased the market on carnations and roses and afforded a larger variety. Prices hold about normal. Thursday night, January 4, a high wind began, accompanied by exceedingly cold weather, which has since continued, the zero mark being hung out in most places hereabouts.

LILIUM GIGANTEUM (Dark Stem)

LILIUM ALBUM, AURATUM AND RUBRUM

All sizes and as fine as Japan produces. Write us.

S. S. Skidelsky & Co., 1215 Betz Bldg., Philadelphia, Pa.

Mention The Review when you write

Our New Gladiolus "PRINCEPINE"

Is now being offered to the trade.

Write for literature and prices.

W. E. Kirchhoff Co.

Gladiolus Specialists, Pembroke, N. Y.

Mention The Review when you write.

GLADIOLI,

LILIES, SUMMER FLOWERING BULBS AND HARDY PLANTS.

SEND FOR PRICE LIST.

E. S. MILLER, Wading River, N. Y.

Mention The Review when you write.

Various Notes.

Edgar Nock, who was recently seriously injured in an accident to his automobile, is able to be about his greenhouses again.

Thomas Kennedy, Pascoag, reports a heavy Christmas and New Year's trade in cut flowers.

J. B. Canning lost considerable glass in last week's storm. He had the decorations for the state house January 1, for the state inauguration.

S. J. Reuter & Son, of Westerly, are sending the Flower Growers' Sales Co., at Boston, some excellent cuts of roses.

Bertram Quinn, for several seasons with Swan Peterson, of East Providence, has accepted a position with Richard Higgins, of this city.

ASTER SEED

We have a surplus of the following Asters and if you will send us a list of your requirements shall be pleased to quote our very best prices.

Imperial Late Hohenzollern White
Crego Pink
Vick's Imperial Rose
Vick's Imperial Lavender
Vick's Rose King
Vick's Late Branching White
Vick's Late Branching Rose-pink
Vick's Late Branching Shell-pink
Vick's Late Branching Lavender
Vick's Early Upright Lavender Pink
Vick's Early Upright White
Vick's Lavender Gem
Early Wonder White
Select Giant Comet White
Jung's Extra Early Pink Hohenzollern (the earliest and finest pink Aster grown). No yellow centers and a money maker for early cut flowers.

We are the largest growers of Aster Seed in the Northwest and for **quality** our seed is absolutely unexcelled.

J. W. JUNG SEED CO.,
Aster Specialists Randolph, Wis.

Mention The Review when you write.

Salvia Seed, 1911 Crop

(Our own growing.)

Bonfire, ½ oz., 60c; 1 oz., $1.00. Zurich, ½ oz., $1.50; 1 oz., $2.50. Above seed is from selected stock. Cash, please.

J. P. SIEBOLD, Lancaster, Pa.

Salvia Seed

SPLENDENS..Tr. pkt., 15c; ⅛-oz., 25c; oz., $1.25
CLARA BEDMAN (Bonfire).....Tr. pkt., 25c; ⅛-oz., 40c; oz., $2.25.
ZURICH.....Tr. pkt., 35c; ⅛-oz., 50c; oz., $3.50

New Catalogue just out; write for a copy.

G. H. HUNKEL CO., Seedsmen, Milwaukee, Wis.

Mention The Review when you write.

Eric Vonevier, manager for Mrs. William Butcher, reports an unusually busy holiday season. Mrs. Butcher has recently purchased an automobile, in which deliveries will be made.

Joseph Kopelman has been on the sick list the last week.

A fire in a barn near the greenhouses

LILIES

		Per 100	Per 1000			Per 100	Per 1000
Lilium Longiflorum	7x 9	$4.50	$40.00	Lilium Album	9x11	$11.00	$100.00
Lilium Longiflorum	9x10	8.00	75.00	Lilium Rubrum and Melpomene	8x 9	4.50	40.00
Lilium Formosum	9x10	8.50	80.00	Lilium Rubrum and Melpomene	9x11	8.00	75.00
Lilium Auratum	8x 9	5.00	45.00				
Lilium Auratum	9x10	8.00	75.00				
Lilium Album	8x 9	7.50	70.00				

LILY OF THE VALLEY

Pre-eminently the finest Lily of the Valley in the market today, $15.00 per 1000; original case of 2500, $35.50.

CURRIE BROS. CO., 108 WISCONSIN ST., 312 BROADWAY, **MILWAUKEE, WIS.**

Mention The Review when you write.

PREMIUM AMERICAN PANSY SEED

Sow Pansy seed now for early spring plants. Greenhouse-grown Pansy plants are superior to those wintered over.

Hesperian Strain A selection of the most beautiful varieties, notable for their large size and perfection of form and coloring. We offer this mixture after over thirty years' experience in pansy seed and plant growing for both the retail and wholesale trade, and recommend it for those having critical customers. **Pkt., 25c; 1000 seeds, 50c; ⅛ oz., $1.00; ¼ oz., $1.75; oz., $6.00.**

Toole's Giant Prize Strain This is a mixture made up from the best of the giant varieties, with the correct proportions of the different shades and colors for general sale. This mixture will surely please you. **Pkt., 15c; 1000 seeds, 30c; ⅛ oz., 70c; ¼ oz., $1.20; oz., $4.00.**

White, red, yellow and blue, colors separate. Prices same as for Toole's Giant Prize Strain.

"How to Grow Pansies," with price list of other varieties and mixtures, sent free on request.

WILLIAM TOOLE & SONS, Pansy Heights, **BARABOO, WIS.**

Mention The Review when you write.

Established in 1802

Thorburn's Seeds

Our New Wholesale Catalogue for Market Gardeners and Florists for 1912 will be ready early in January. Register your name for a copy **NOW.**

Lily of the Valley Pips

A few still left, very high grade. Prices on application.

J. M. Thorburn & Co. 33 Barclay St. NEW YORK

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FOTTLER-FISKE-RAWSON CO. FANEUIL HALL SQUARE

SUNDRIES FOR THE FLORISTS

INSECTICIDES

SPRAYING and FUMIGATING IMPLEMENTS

BOSTON

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Ant. C. Zvolanek

Originators

Winter-Flowering Sweet Pea Seed

Bound Brook, New Jersey

Mention The Review when you write.

XXX SEEDS

ALYSSUM SNOWDRIFT, most dwarf and compact, very fine, pkt. 20c.
ANTIRRHINUM, New Giant, white, rose and yellow. Separate or Mixed, pkt. 20c.
PETUNIA STAR, improved, finest marked flowers, very fine, pkt. 20c.
PETUNIA, Giant, single fringed, large and fine, very choicest mixed, pkt. 20c.
PETUNIA, Giant Double Fringed, very fine, trade pkt. 50c. Mixture of the best improved vars.
SALVIA, Bonfire, finest grown, brilliant scarlet and compact. Large pkt. 20c.
PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt. 20c.
CHINESE PRIMROSE, finest grown, single and double mixed, 600 seeds, $1.00; ½ pkt. 50c.; 1000 seeds, $1.50. Separate colors or mixed.
PRIMULA KEWENSIS, the grand new sweet-scented yellow Primrose, pkt. 20c.
CINERARIA, large-flowering dwarf, mixed, 1000 seeds, 50c.; ½ pkt. 25c.
CYCLAMEN GIGANTEUM, finest giants, mixed, 250 seeds, $1.00; ½ pkt. 50c.; 1000 seeds, $3.50.
GIANT PANSY, finest grown, critically selected, 6000 seeds, $1.00; ½ pkt. 50c.
COLEUS, New Hybrids, fine colors. Best New Giants, pkt. 20c. Very brilliant and showy.
HARDY PHLOX, from the newest named giant flowering; mixed, pkt., 20c.
LOBELIA, Blue Ball, dwarf, dark blue, finest of all Lobelias, pkt. 20c. Be sure to sow of this.
TORENIA FOURNIERI, New Giant, extra fine, pot plant, pkt. 20c. Showy.
CANDYTUFT, New Giant Hyacinth-flowered, a great cutter, pkt. 20c.
SWEET WILLIAM; new colors of large white-centered, fine, pkt. 20c. Newest giants.
COLUMBINE. New blue with yellow spurs, extra. pkt. 20c. Grand Novelty.
VERBENA, Improved Mammoth, finest giants grown, mixed or separate of purple, white, scarlet, pink, striped, white-eyed. Tr. pkt. 20c.
HELIOTROPE, finest mixed, pkt. 20c.
BROWALLIA, New Giant Blue, pkt. 20c.
CUPHEA. Giant Cigar, fine, pkt. 20c.
GAILLARDIA GRAND, New Giant, pkt. 20c.
COBAEA SCANDENS, extra fine vine, pkt. 20c.
THUNBERGIA, mixed (Black-eyed Susan), fine, 20c.
ORIENTAL POPPY COLOSSUS, 10 inches diameter, grand and gorgeous, pkt. 20c.
CASH. Liberal extra count.

JOHN F. RUPP, Shiremanstown, Pa.

Special Notice to

AMERICAN TRADERS

If you are interested in European stocks of Plants and Seeds and latest news concerning same, subscribe to **THE HORTICULTURAL TRADE JOURNAL**, published weekly, and **THE INTERNATIONAL HORTICULTURAL TRADE JOURNAL**, published quarterly. One dollar (International Money Order) sent to us now will ensure your receiving each number as published for one year.

Address

The HORTICULTURAL PRINTING CO.

BURNLEY, ENGLAND

Always mention the Florists' Review when writing advertisers.

The other day the writer was unceremoniously racked over the coals by a florist who complained of the price he paid us for a case of Paper Whites. He said he had bought a case of 1250 bulbs from a Dutchman for $8.70 for the case. Produced the order blank and had an invoice, both reading $8.70 for the case. For a while the air was dense, but after things simmered down a bit, and the matter was investigated, we found the Dutchman had drawn advance charges on the freight bill of $4.00 on the case, and 75c for freight and cartage, making the actual cost of the box over $13.00. The good old Scotchman had forgotten all about his freight bill—and many others do, too. Every florist should look over his freight bills carefully; see that his goods are not over-weighed, and that there are no advance charges against him. This "watering" of freight bills is not uncommon, and much profit is made by foreigners on rebates from this source. When comparing prices, always add your freight charges to your invoice costs, if you want to know the real cost—that's only fair to yourself. This "advance charge" racket is very misleading, and in many cases nothing more than pure and simple swindling. Look at your freight bills. Figure it all up, and then send for the Horseshoe Brand catalogue, with prices f. o. b. cars New York.

Not How Cheap But How Good

RALPH M. WARD & CO.

12 West Broadway

NEW YORK

LILIUM HARRISII

(THE BERMUDA EASTER LILY)

LET US SUPPLY YOUR WANTS IN LILIES THIS SEASON

We think we can make it to your advantage to do so, as regards both quality and price.

The stock that we offer is not gathered indiscriminately from all kinds of sources, but is grown for us by a few selected growers whose stocks have been worked up from the true, original stock. In order to insure the health of the product, the bulbs are not grown on the same field oftener than one season, other crops being grown on the field the preceding year. The ground is thoroughly manured when the previous crop is grown, leaving it in a high state of cultivation, and when the lily bulbs are planted no fresh manure is used; this prevents disease and insures a crop of strong, healthy bulbs.

In addition to this, we do not dig our bulbs as early as they are usually dug, but leave them in the ground until they are thoroughly ripened and matured. When Harrisii is good it leaves little to be desired. There is very little, if any, stock obtainable as good as the stock that we are offering. We are supplying only this one grade of selected stock and when this is disposed of we shall have no more to offer.

While the quality of the stock that we offer is of the highest, our prices are as low as, or lower than, the prices of those who offer the ordinary stock gathered from indiscriminate sources. We are sure buyers will find our stock very satisfactory, and much more so than the Japan-grown Longiflorum, which has badly deteriorated in recent years.

Bear in mind that we were the original introducers of Harrisii in Bermuda, and that we have exceptional facilities for obtaining our present supplies. Also take note that the smallest bulbs that we offer are 6-7 inch bulbs, not 5-7 inch, as usually offered.

6- 7 inch bulbs,	335 to the case,	$15.00 per case;	full thousand lots, $ 40.00 per 1000
7- 9 inch bulbs,	200 to the case,	16.00 per case;	full thousand lots, 75.00 per 1000
9-11 inch bulbs,	100 to the case,	18.00 per case;	full thousand lots, 175.00 per 1000

FERNS

We have an exceptionally nice lot of ferns in the following varieties—good, bushy, well-grown plants that will please the most critical buyers. Plants have been grown in pots and are thoroughly well established and nicely finished.

Nephrolepis Bostoniensis and Piersoni, 6-inch pots	$0.50 each
Nephrolepis Elegantissima, Piersoni, Bostoniensis and Harrisii, heavy 8-inch plants	$1.00 to 1.50 each
Nephrolepis Elegantissima, Bostoniensis and Harrisii, heavy 10-inch plants	2.50 each

F. R. PIERSON CO., TARRYTOWN-ON-HUDSON, N. Y.

Mention The Review when you write.

of Lawrence Hay, in Rumford, narrowly escaped setting them on fire.

William Foster, of Westerly, was a recent visitor at Philadelphia. He was accompanied by his foreman.

James Kelley, of Fall River, Mass., was a recent visitor to this city. He is contemplating the building of a new house in the near future, 25x75 feet.

Johnston Bros. are sending out some neat calendars.

Samuel Kinder & Bro., of Bristol, set out several thousand tulips about ten days ago. They expected to show several of their seedling carnations at the convention at Detroit this week.

Nils S. Pierson and Louis D. Pierce have been elected trustees of the Norwood volunteer fire company.

Michael O'Connor, employed by Thomas Galvin at Newport, had a narrow escape a few days ago. He fell into a well twenty-four feet deep, which contained more than enough water to drown a man. He was drawing water, when his foot slipped, and as he went down his head hit against the stones on the side of the well, so that he was partly stunned when he struck the water. Other workmen saw him disappear and one of the men went down in the bucket and brought O'Connor up. W. H. M.

ALBANY, N. Y.

The annual election of officers of the Albany Florists' Club Thursday evening, January 4, brought out a representative crowd that took a lively interest in the proceedings. Fred A. Danker was reëlected president; John A. Murnane, Jr., elected vice-president; Robert Davidson, reëlected secretary; Patrick Hyde reëlected treasurer; trustees, Fred Goldring, Fred Henkes, Frank A. Briare. Both the president and secretary returned thanks for the honor shown and predicted big things in the year ahead with the help of the club, which was reported in a satisfactory condition, with a membership of 150. Patrick Hyde, the treasurer, was unable to be present, owing to the death of a brother.

Among the visitors were R. J. Irwin, Walter Mott and Walter A. Cook, the latter being elected a member during the evening. Refreshments were indulged in and tongues unloosed, making the evening pass pleasantly and profitably. The severe cold snap prevented some of the out-of-town members attending, the thermometer at the time of meeting registering 16 degrees below zero. M.

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Bedding Queen, most beautiful pink Wax Begonia	2.50	.50
Vernon, fine red	1.25	.25
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TERMS: Cash with order, or satisfactory reference must be given.

SHOW AND FANCY DAHLIAS

	Separated price per 100	Clump price per 100
A. D. Livoni, or Ethel Vick. Soft pink, fine..	$ 4	$ 8
Arabella. Sulphur, tipped pink	4	8
Alice Emily. Buff yellow, large and fine	4	10
Bride. Blush, edge rose, large	4	10
Dawn of Day. Yellow and red, large, fine	4	8
Dr. J. P. Kirkland, or Cuban Giant. Dark crimson, large	4	12
Elegans. Rose purple, tipped white	4	8
Fernleaf Beauty. Cream white, striped crimson; fern-like foliage	5	10
Fascination. Rose pink, sometimes striped white, fine	4	8
Gem of the Beauty. Flesh, tipped darker	4	8
Gloire De Lyon. White, large, fine	8	20
Gold Sphere. Crimson, gold back	4	8
Golden Age. Pure sulphur yellow	4	8
Gov. Davis. Salmon, large and full; long stems	15	25
Higgins' Red	3	8
Hector. Light orange	4	8
Imperial. Deep purplish maroon, extra fine..	4	10
James Service. Crimson maroon	4	8
Keystone. Purple lilac, striped crimson, large	3	8
Lucy Faucett. Pale yellow, striped magenta..	4	8
Menfine Beauty. Deep scarlet	4	8
Meteor. Bright red, very large	4	8
Margaret Bell. Deep pink or light magenta..	4	8
Maid of Athens. Dark magenta	4	8
Mrs. Dexter. Salmon, full	4	8
Mrs. Saunders. Light yellow, tipped white	4	8
Miss Barry. Magenta	4	8
Miss Miller. Pale lemon	4	8
Orator. Salmon buff, large	4	8
Puritan. White, striped maroon	4	8
Queen Victoria, or Mary D. Hallock. Canary yellow	4	8
Quaker Lady. Shade brown, tipped white	4	8
Statesman. Deep crimson	4	8
Startler. Magenta, tipped white	4	8
Storm King. Pure white, extra fine	8	15
Striped Banner. Deep red, striped white	4	8
Willie Austin. Fawn, large	4	8
White Bedder. White, fine for borders and lawns	4	8
Wm. Neats. Soft reddish fawn	4	12

CACTUS DAHLIAS

Chas. Woodbridge. Bright crimson, fine	12	25
Countess of Lonsdale. Deep salmon red, one of the best grown	8	15
Cornucopia. Deep redish salmon, fine	8	15
Cannell's Gem. Deep orange, free; fine	4	8
Dr. Jamieson. Deep crimson, free	4	8
Ernest Glasse. Purple magenta	4	8
Earl of Pembroke. Bright plum, large	4	8
Floradora. Wine crimson	12	25
Fusileer. Deep salmon, good	4	12
Gen. Buller. Rich velvety crimson, nearly black at base of petals; white tips	10	25
Genista. Amber, shaded to golden yellow	12	25
Harbor Light. Vivid orange red overlaid flame color	15	35
Harmony. Reddish bronze	4	12
Island Queen. Light mauve	4	8
J. H. Jackson. Black maroon	8	15
J. Weir Fife. Very dark maroon	12	25
King Edward VII. Bright cherry red	8	15
Kriemhilde. Pleasing shade of pink, center almost white	12	25
Loyalty. Crimson, incurved petals, fine	12	25
Lovely Ensford. Clear shade of amber	12	25
Lauerstock Beauty. Soft red	10	25
Libelle. Clear magenta, an extra fine variety.	12	25
Mrs. Murray Ind. Bright rose	12	25
Mrs. Montefiore. Rich crimson and scarlet	8	15
Mrs. M. A. Holbrook. Velvet crimson	6	15
Mrs. Bennett. Soft crimson	4	10
Mrs. Charles Turner. Clear soft yellow, extra fine large flower	4	12

CACTUS DAHLIAS—Continued

	Separated price per 100	Clump price per 100
Octopus. Nearly white, showing a tinge of lavender	$ 8	$20
Porcupine. Scarlet maroon	4	8
P. W. Tullock. Salmon and red, tinted purple	4	8
Prince of Yellows. Soft shade of yellow, good	6	15
Primrose Dame. A clear yellow, fine	4	12
Queen Alexandra. Deep orange, distinct; fine	4	12
Standard Bearer. Fiery scarlet	12	25
St. Catherine. Deep yellow, shaded red	6	15
Uncle Tom. Improvement over Night, almost black	8	20
Volker. Lemon yellow	12	25
Wm. Treseder. White, shaded pink	12	25
W. D. Childs. Dark maroon	12	25

DECORATIVE DAHLIAS

Beauty of Brentwood. Plum striped darker..	3	8
Black Decorative. Almost black	4	8
Blue Oban	4	8
Black Prince. Velvet maroon	4	10
Bronze Beauty. Bronze, tip white, very large	4	8
Catherine Duer. A beautiful glowing red	6	12
Clifford W. Bruton. Bright yellow, large	4	8
Cora Gleason. Deep purple	4	8
Delicator. Pink, shaded lighter	4	8
Dolly, or Sylvia. Flesh color tipped darker	4	8
Empress of India. Crimson maroon	4	8
Jack Rose. Very dark crimson	15	25
Lyndhurst. Bright scarlet	4	8
Mrs. Hawkins. White, shaded pink, sometimes with lavender	3	6
Mrs. Geo. Reed. White, deeply edged rose	4	8
Maid of Kent. Cherry red, tipped white; sometimes a solid flower on the same stock	4	8
Mahala Sheriff. Pure white	5	15
Mrs. Winters. Pure white	6	15
Nymphaea, or Pond Lily. Shrimp pink, tinted lighter	4	8
Oban. Mauve, fine	3	
Red and Black. Striped red and black	4	8
Souvenir De Gustave Doazon. Orange red, largest Dahlia grown	12	18
White Heart. Pure white wide petals	3	8
Wm. Agnew. Large bright red	4	8
Zulu. Very dark maroon	4	8

POMPON DAHLIAS

Achilles. Base of petals flesh, tipped pink	4	8
Alewine. Delicate pink, tinted lilac	5	8
Allie Mourey. Pinkish white tinted deep pink	4	8
Bobby. Deep plum color, extra fine	4	8
Burnette. Crimson, blotched white	4	8
Catherine. Bright yellow, full and fine	5	10
Fashion. Bright orange	4	8
Fascination. Pink and lavender, sometimes a blotch of white	4	8
Fairy Queen. Sulphur, edged pink	4	8
Iolanthe. Orange, shaded buff	4	8
Isabella. Scarlet	4	8
Jarcosky. Yellow and white	6	10
Little Herman. Red and maroon, sporting white	4	8
Little Bessie. Creamy white, extra fine	4	8
May Clift. Light maroon	4	8
May Pierce. Red and white	4	8
Mattie Mourey. Lavender edged lilac	4	8
Marguerite. Deep lilac	4	8
Mabel. Salmon pink, extra fine	4	8
Mars. Scarlet	4	8
Prince Charming. Cream, tipped purple	4	8
Purity. Fine (pure) white	5	10
Pure Love. Pure lilac	5	10
Red Indian. Deep coral red	5	10
Snow Clad. Small, white, free	5	10
Snow Flake. White, reddish tint	4	8
Sunbeam. Crimson scarlet, extra fine	4	8
Vivid. Bright scarlet, extra fine	4	8

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Philadelphia, Jan. 10, 1912.

	Per doz.
Beauty, Specials	$7.00 @ $9.00
" Extra	6.00
" Medium	3.00 @ 4.00
" Short	2.00 @ 2.50
	Per 100
The Killarneys, Fancy	$15.00 @ $20.00
" Select	8.00 @ 12.00
" Ordinary	4.00 @ 6.00
My Maryland, Bride—	
Fancy	12.00 @ 15.00
Select	8.00 @ 10.00
Ordinary	4.00 @ 6.00
Richmond, Fancy	15.00 @ 20.00
" Select	8.00 @ 12.00
" Ordinary	4.00 @ 6.00
Melody	4.00 @ 12.00
Carnations, Fancy	6.00
" Select	4.00 @ 5.00
" Ordinary	2.00 @ 3.00
Cattleyas ...per doz., $5.00 @ $6.00	
Dendrobium, per doz., 5.00 @ 6.00	
Oncidiums	4.00 @ 10.00
Vandas.....doz., $2.50	
Cypripediums	15.00
Gardenias.. per doz., $2.00 @ $4.00	
Easter Lilies, per doz., 1.25 @ 1.50	
Callas.....per doz., 1.50 @ 2.00	
Valley	3.00 @ 4.00
Sweet Peas	.50 @ 1.25
Violets, single, select	.75
" " ordinary	.25 @ .50
" double, select	1.00
" " ordinary	.50 @ .75
Daisies	1.50 @ 2.00
Bouvardia	5.00 @ 8.00
Pansies	.75 @ 1.00
Lilacs.....per bunch, $1.00	
White Lilac..... " 1.00	
Stevia	.75 @ 1.00
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
Mignonette	4.00 @ 8.00
Poinsettias .....doz., $2.00 @ $3.00	
Daffodils	5.00
Snapdragon...doz., $1.50 @ $2.50	
Freesias	4.00 @ 5.00
Tulips	3.00 @ 4.00

Buffalo, Jan. 10, 1912.

	Per doz.
Beauty, Specials	$5.00
" Fancy	4.00
" Extra	3.00
" Firsts	2.00
" Shorts	$0.50 @ 1.00
	Per 100
Perle	$ 4.00 @ $ 8.00
Bon Silene	3.00 @ 4.00
Bride and Maid	4.00 @ 8.00
Killarney	5.00 @ 12.00
White Killarney	5.00 @ 12.00
Richmond	6.00 @ 15.00
Maryland	5.00 @ 12.00
Carnations	2.00 @ 3.00
Lily of the Valley	3.00 @ 4.00
Longiflorums	10.00 @ 12.00
Violets	.60 @ 1.00
Mignonette	3.00 @ 5.00
Sweet Peas	1.00 @ 1.25
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
Stevia	1.00 @ 1.25
Callas	8.00 @ 10.00

Milwaukee, Jan. 10, 1912.

	Per doz.
Beauty, Long	$5.00 @ $6.00
" Medium	3.00 @ 4.00
" Short	1.50 @ 2.00
	Per 100
Richmond	$ 5.00 @ $12.00
Killarney	5.00 @ 12.00
White Killarney	5.00 @ 12.00
Carnations	3.00 @ 5.00
Valley	3.00 @ 4.00
Lilies	12.50 @ 15.00
Violets	1.00 @ 1.50
Snapdragon .....bunch, 35c @ 75c	
Paper Whites	2.00 @ 3.00
Stevia	1.50 @ 2.00

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Wholesale Cut Flower Prices.

Boston, Jan. 10, 1912.

	Per 100
Beauty, Specials	$50.00 @ $75.00
" Extra	20.00 @ 30.00
" Short Stems	6.00 @ 15.00
Killarney	3.00 @ 16.00
White Killarney	2.00 @ 10.00
My Maryland	3.00 @ 12.00
Mrs. Aaron Ward	2.00 @ 10.00
Lady Hillingdon	2.00 @ 10.00
Richmond, Rhea Reid	4.00 @ 16.00
Carnations	2.00 @ 5.00
Cattleyas	30.00 @ 50.00
Cypripediums	8.00 @ 10.00
Pansies	.50 @ 1.00
Lily of the Valley	1.50 @ 3.00
Lilium Longiflorum	8.00 @ 10.00
Gardenias	4.00 @ 12.00
Violets	.50 @ .75
Sweet Peas	.50 @ .75
Antirrhinums	3.00 @ 5.00
Marguerites	1.00 @ 2.00
Paper White Narcissi	1.00 @ 1.50
Roman Hyacinths	1.00 @ 1.50
Mignonette	3.00 @ 6.00
Stevia.....per bunch, 15c @ 25c	
Bouvardia.....per bunch, 50c	
Yellow Trumpet Narcissi	2.00 @ 3.00
Tulips	2.00 @ 3.00

St. Louis, Jan. 10, 1912.

	Per doz.
Beauty, Specials	$4.00 @ $6.00
" Extra	2.00 @ 3.00
" Shorts	1.00 @ 1.50
	Per 100
Bride, Maid	$ 6.00 @ $ 8.00
Richmond	6.00 @ 8.00
Maryland	6.00 @ 8.00
White Killarney	6.00 @ 8.00
Killarney	6.00 @ 8.00
Carnations	3.00 @ 4.00
Lily of the Valley	3.00 @ 4.00
Harrisii	10.00 @ 12.50
Orchids.....doz., $5.00 @ 6.00	
Violets	.60 @ .75
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
Stevia	1.00 @ 1.50

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16-inch	.60	3.75	36-inch	1.35	8.00
20-inch	.75	4.50	40-inch	1.50	9.00
24-inch	.90	5.25	44-inch	1.75	10.25
28-inch	1.00	6.00	48-inch	2.00	11.50

(50 leaves at 100 rate.)

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Chicago, Jan. 10, 1912.

	Per doz.
Beauty, long stems	$5.00 @ $6.00
" 36-in. "	4.00
" 30-in. "	3.00
" 24-in. "	2.50
" 20-in. "	2.00
" 15-in. "	1.50
" 12-in. "	1.25
" short "	.75 @ 1.00

	Per 100
Killarney	$ 4.00 @ $12.00
White Killarney	4.00 @ 10.00
Richmond	4.00 @ 12.00
My Maryland	4.00 @ 10.00
Mrs. Jardine	4.00 @ 10.00
Rhea Reid	6.00 @ 12.50
Mrs. Aaron Ward	6.00 @ 12.00
Rivoire (Bulgarie)	6.00 @ 12.00
Melody	4.00 @ 12.00
Perle	6.00 @ 8.00
Carnations	2.00 @ 4.00
Valley	3.00 @ 5.00
Easter Lilies	12.50 @ 15.00
Callas	12.50 @ 15.00
Cattleyas....per doz., $6.00 @ $7.50	
Violets	.75 @ 1.25
Sweet Peas	.75 @ 1.50
Paper Whites	2.00 @ 4.00
Romans	2.00 @ 3.00
Mignonette	4.00 @ 8.00
Bouvardia	6.00 @ 10.00
Stevia	2.00
Freesia	4.00 @ 8.00
Tulips	4.00 @ 5.00
Jonquils	3.00 @ 5.00

Pittsburgh, Jan. 10, 1912.

	Per doz.
Beauty, Specials	$6.00
" Fancy	4.00
" Medium	2.00
" Short	1.00

	Per 100
Killarney	$4.00 @ $12.00
White Killarney	4.00 @ 12.00
Richmond	6.00 @ 20.00
My Maryland	4.00 @ 12.00
Carnations	2.00 @ 4.00
Cattleyas	60.00 @ 75.00
Oncidiums	4.00
Valley	3.00 @ 4.00
Lilies	12.00
Violets, double	.75 @ 1.00
Daisies	2.00
Paper Whites	3.00
Sweet Peas	.75 @ 1.25
Lilac....per bunch, $1.00 @ $1.50	
Baby Primroses	.15
Mignonette	3.00 @ 4.00

Cincinnati, Jan. 10, 1912.

	Per doz.
Beauty, Extra	$3.00 @ $6.00
" No. 1	3.00
" No. 2	1.00 @ 1.50

	Per 100
Killarney	$ 4.00 @ $ 6.00
Richmond	4.00 @ 6.00
Bride	4.00 @ 5.00
Carnations	2.00 @ 3.00
Lilium Harrisii	10.00 @ 15.00
Lily of the Valley	3.00 @ 4.00
Cattleyas	60.00
Violets	.50 @ 1.00
Narcissi	3.00
Stevia	bunch, 35c
Sweet Peas	1.00 @ 2.00

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BADGLEY, RIEDEL & MEYER, Inc.
...Wholesale Florists...
34 West 28th Street, NEW YORK CITY
Phones 1664-1665 Madison Square
Consignments Solicited

A. Moltz Maurice L. Glass
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Coogan Building
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WILLIAM KESSLER
Wholesale Plantsman and Florist
Plants and Cut Fowers of every variety.
HEADQUARTERS For The Beautiful DREYERII FERN
Ready for delivery **now.** Price, 2½-in. pots, $25.00 per 100; $200.00 per 1000.
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ARTIFICIAL CAPE FLOWERS
All colors. Wired ready for use, waterproof, more advantageous than natural Capes. Samples on request. Also a full line of Crepe Roses, Chrysanthemums, Callas, Easter Lilies, Orchids, Acacias, Violets, Sweet Peas, Valley, Carnations, etc., natural prepared Adiantum, Sea Moss, Metal Wreaths, Crosses, etc., and everything in the Florists' Supply Line.
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Wilson Plant Oil & Fertilizer Company
200 No. Broad St., ELIZABETH, N. J.
Horticultural Supplies
Write for our special Catalogue.
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Gold Letters
Gummed gold, silver and purple letters, for inscriptions on floral designs. Best and cheapest on the market. Send for samples and prices.
J. LICHTENBERGER, 1564 Avenue A, NEW YORK
Telephone Lenox 5644
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We Are 'Way Ahead
of last year in the volume of our **collection business;** but we can do still more. Do not wait, but send us all your back accounts now. Rates and methods on application.
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56 Pine St., NEW YORK
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RICE BROTHERS
Wholesalers of Cut Flowers and Florists' Supplies
MINNEAPOLIS, - MINN.
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UNITED STATES CUT FLOWER CO.
Wholesale Florists
ELMIRA, NEW YORK

Wholesale Cut Flower Prices.

New York, Jan. 8, 1912.

	Per 100
Beauty, Specials	$35.00 @ $50.00
" Fancy	25.00 @ 35.00
" Extra	20.00 @ 25.00
" No. 1	6.00 @ 10.00
" No. 2	4.00 @ 6.00
Bride and Maid	2.00 @ 8.00
Killarney	2.00 @ 12.00
My Maryland	2.00 @ 12.00
Richmond	2.00 @ 15.00
Chatenay	2.00 @ 15.00
Jardine	2.00 @ 15.00
Prince de Bulgarie	4.00 @ 20.00
Lady Hillingdon	4.00 @ 20.00
Orchids	30.00 @ 60.00
Cypripediums	10.00 @ 12.00
Carnations	1.00 @ 5.00
Easter Lilies	6.00 @ 10.00
Lily of the Valley	1.00 @ 3.00
Gardenias...per doz., $1.00 @ $5.00	
Violets	.30 @ .50
Daisies	.25 @ 1.50
Hyacinths	.50 @ 1.00
Sweet Peas, doz. bches.,	$0.75-$1.50
Narcissi .....bunch,	.10- .15
Callas.....per doz.,	1.00- 1.50
Lilac .....per bunch,	.75- 1.00
Mignonette...per doz.,	.25- .75
Stevia .....per bunch,	.10- .20
Freesia..... "	.10- .25

MONTGOMERY on Grafted Roses, sent by The Review for 25 cents.

DISCONTINUE our Chinese primrose ad, as we are all sold out.—E. J. Ullrich, Tiffin, O.

B. S. SLINN, Jr.
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55 and 57 W. 26th St., NEW YORK CITY
Phones 4620, 4621 Madison Square
VIOLETS Roses and Carnations
Mention The Review when you write.

Reed & Keller
122 W. 25th St., New York
FLORISTS' SUPPLIES
We manufacture all our Metal Designs, Baskets, Wire Work and Novelties.

BONNOT BROS.
WHOLESALE FLORISTS
55 and 57 W. 26th Street, Cut Flower Exchange, NEW YORK
OPEN ALL DAY
An Unexcelled Outlet for CONSIGNED FLOWERS
Telephone No. 830 Madison Sq.
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D. Y. Mellis, Pres. Robert G. Wilson, Treas
Greater New York Florist Association, Inc.
Wholesale Commission Dealers in Cut Flowers and Supplies
162 Livingston St., Brooklyn, N. Y.
GEORGE W. CRAWBUCK, Manager.
Mention The Review when you write.

WOODROW & MARKETOS
Wholesale Plantsmen and Florists
41 West 28th Street, NEW YORK
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HENRY R. CRAWBUCK
270 Pearl St., BROOKLYN, N. Y.
Wild Smilax, Galax, Ferns, Palm Leaves, etc.
Telephone 4831 Main.

Established 1887

J. K. ALLEN

Fine assortment of All Cut Flowers, Roses, Carnations, Orchids, Valley, Violets, Narcissi, Hyacinths, etc. Oldest Reliable Cut Flower Business in New York. Open every morning at 6 o'clock.

WHOLESALE COMMISSION DEALER IN CUT FLOWERS

106 W. 28th St., New York Near Hudson Tubes Phones {4488 / 187} Madison Sq.

Charles Millang WHOLESALE FLORIST

Ground Floor of the Coogan Building, NEW YORK CITY

55 and 57 West 26th Street 6 a. m. to 6 p. m. every day in the year

Headquarters for Violets

Most convenient store for customers in the city. Tel. 7062 Madison.

Consignments Solicited The Highest Values Guaranteed

M. C. FORD, 121 W. 28th Street, Tel. 3870-3871 Madison Square New York

Successor to Ford Bros.

The largest Shipper and Receiver of **Fresh Cut Flowers**

☞ A complete assortment of the best in the market can always be relied upon.

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GEORGE COTSONAS & CO.



Wholesale and Retail Dealers in all kinds of

EVERGREENS

Fancy and Dagger Ferns, Galax, Brown and Green

127 W. 28th St., NEW YORK CITY

Leucothoe Sprays, Princess Pine, Holly, Southern Wild Smilax. Telephone 1202 Madison



FRANK H. TRAENDLY CHARLES SCHENCK

TRAENDLY & SCHENCK

Wholesale Florists and Cut Flower Exchange

131-133 W. 28th St., NEW YORK

Telephones 793 and 799 Madison Square CONSIGNMENTS SOLICITED

BONNET & BLAKE WHOLESALE FLORISTS

130 Livingston Street, Tel. Nos. 1293-1294 Main Brooklyn, N. Y.

THE BUSY BEES

Headquarters for all kinds of top-grade stock, from the BEST Eastern growers.

Established 1903 Prompt Payments

SIEBRECHT & SEBRECHT S&S 136 WEST 28TH STREET NEW YORK

WHOLESALE FLORISTS

Orchids, Gardenias, Violets, Lily of the Valley, etc.

PAUL MECONI

Wholesale Florist, 57 West 26th Street NEW YORK CITY

MY SPECIALTIES:

Orchids, Gardenias and Violets.

Telephone No. 3864 Madison Square.

THE KERVAN CO.

119 W. 28th Street, NEW YORK

WHOLESALE

All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Greens. Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

Mention The Review when you write.

GROWERS' CUT FLOWER CO.

Cut Flowers at Wholesale

J. J. COAN, Manager Consignments Solicited

111 West 28th Street, Telephone 6237 Madison Square. NEW YORK

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A. L. YOUNG & CO., WHOLESALE FLORISTS

54 West 28th St., Tel. 3559 Madison Square, NEW YORK

☞ Consignments of Choice Cut Flowers solicited. Prompt payments. Give us a trial.

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1888 **GUNTHER BROS.** 1911

Wholesale Florists

110 West 28th Street, Tel. 551 Madison Square, New York

Consignments solicited of

FRESH CUT FLOWERS

Always Mention the...

FLORISTS' REVIEW

When Writing Advertisers

N. LECAKES & CO.

58 W. 28th St., NEW YORK

Tel. No. 1415-1416 Madison Square



Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street, and 34th Street Cut Flower Market.



SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.

Green and Bronze Galax Leaves.

P. J. SMITH

Successor to John I. Raynor. Wholesale commission florist. Selling agent for largest growers. A full line of choice Cut Flower Stock for all purposes by the 100, 1000 or 10,000. Consignments solicited. Telephone 1998 Madison Square.

The Home of the Lily

49 WEST 28th ST., NEW YORK CITY

Mention The Review when you write.

RUSSIN & HANFLING

Office and Salesroom

114 West 28th Street, NEW YORK CITY

Tel. 3053 Madison Sq.

Manufacturers and Importers of

WILLOW AND FANCY BASKETS FOR FLORISTS

Dealers in Florists' Supplies

☞ Our Specialties, Wheat Sheaves and Baskets.

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WILLIAM H. KUEBLER

Wholesale Commission Dealer in

CUT FLOWERS

Room for the products of growers of first-class stock. We have what you want when you want it.

28 Willoughby St., Brooklyn, N. Y

TEL. 4591 MAIN

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ROSES AND CARNATIONS

Extra Fine—Fancy Ferns

Detroit Cut Flower Supply House

Wholesale Commission Florist H. V. PEARCE, Pres.

6 Adams Ave. W., Detroit, Mich.

Consignments solicited

Mention The Review when you write.

George Saltford

WHOLESALE FLORIST

129 West 28th Street, Tel. No. [illegible] Mad. Sq. New York City

We have room for a few more good growers. Prompt payments and top prices.

Mention The Review when you write.

Nursery Stock For Florists' Trade

Large General Assortment for Spring Planting

WRITE FOR TRADE LIST

W. & T. SMITH COMPANY, Geneva, N. Y.

600 ACRES — 65 YEARS

Mention The Review when you write

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Officers for 1911-12: Pres., J. H. Dayton, Painesville, O.; Vice-pres., W. H. Wyman, North Abington, Mass.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-seventh annual meeting, Boston June 1912.

A NEW building is being erected at Fairmount, Minn., by the McKisson Nurseries. It will be used as an office and for tree grafting.

ORNAMENTAL nursery stock will not be in oversupply in this country for many years to come, no matter what fate may overtake peach and apple trees.

THE nursery business has been at a standstill thus far in 1912, even the industrious and gentlemanly agents frozen up practically all over the country.

F. G. YULE has disposed of his interests in C. S. Harrison's Select Nursery Co., of York, Neb., and will start in the nursery business at Lincoln, Neb., on his own account. Mr. Yule will handle mainly ornamentals, shrubbery and perennials.

TENNESSEE NURSERYMEN.

To Meet at Nashville.

Conventions of the Tennessee Horticultural Society, the State Nurserymen's Association and the State Beekeepers' Association will be held in Nashville, Tenn., January 25 to 27. The headquarters for the meetings will be at the Maxwell House, corner of Church street and Fourth avenue.

The program for the nurserymen's convention, which will be held on Friday, January 26, is as follows:

MORNING SESSION.

9:30 a. m.—Call to order.
Invocation—Dr. James I. Vance, Nashville.
Address of welcome, Capt. T. F. Peck, commissioner of agriculture.
Response—J. H. Austin, Antioch.
"The Labor Question in the Nursery," Robert Twitty, Taft.
"Co-operation in Selling Nursery Stock and Marketing Fruit," T. B. Thackston, L. & I. agent Southern railway, Bristol.
"Grasses," H. A. Clarke, Wartrace.
Appointment of committees.
Nominations.
Auditing.
Resolutions.

AFTERNOON SESSION, 2:00 O'CLOCK.

Executive meeting, report of committees, election of officers.
"Soil Improvement," J. E. Converse, Crossville.
"Field Demonstrations," H. D. Tate, special agent U. S. Department of Agriculture.
"The Federal Inspection Bill," W. H. Stark, Louisiana, Mo.
"Quiet Hours of the Nurseryman," Robert S. Walker, Chattanooga.

EVENING SESSION, 7:30 O'CLOCK.

President's annual address, A. J. Fletcher, Cleveland.
Delegate's report of the American Apple Congress, Denver, Colo., November 14, 15, 16, 1911, Henry R. Howard, Chattanooga.

The present officers of the State Nurserymen's Association are as follows: President, A. J. Fletcher, Cleveland; vice-president, Henry M. Camp, Jr., Winchester; secretary-treasurer, J. M. Bentley, State University, Knoxville. Sectional vice-presidents—East Tennessee, A. I. Smith, Knoxville; Middle Tennessee, Charles R. Givan, Murfreesboro; West Tennessee, J. H. Boyd, Memphis.

WASHINGTON.

The Market.

The year 1912 opens with every prospect of good business, unless conditions generally in all lines throughout the country get worse than they have been for the last year. The 1911 flower business of Washington was considerably better than in 1910, as a general thing. Of course, there were probably exceptions to the rule. There is an optimistic feeling that there will be a healthy growth this year.

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City. Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS, Nurserymen and Florists RUTHERFORD, N. J.

Mention The Review when you write.

TWO MILLION PRIVET CUTTINGS

OFFERED BY A PRIVET SPECIALIST

C. A. BENNETT, Robbinsville, N. J.

Mention The Review when you write

California—Cuba—Michigan

Native Plants a Specialty

Write us your wants.

Spinulose Shield Fern clumps, $1.00 per doz.; $8.00 per 100. 50,000 California grown Gladiolus bulbs, $25.00 per 1000 Choicest varieties Wintergreen, Hardy Ferns and a host of natives List free.

Prize. wint r laying strain Silver Lace Wyandotte, Eggs, $3 00 per 15.

AMERICAN NATIVE NURSERY, Greenfield, Mich.

Mention The Review when you write.

LEEDLE SPRINGFIELD ROSES

2½-in. Shipping Booking Growing 4-in.

Mention The Review when you write.

California Privet

A full supply for all who need well grown, well graded, well rooted and well packed 2-year-old

California Privet

Only strong branches counted. Satisfaction guaranteed.

	Per 100	Per 1000
12 to 18 in., branches	$1.00	$ 5 00
18 to 24 in., 3 or more branches	1.50	10.00
25 to 30 in., fine, 4 or more branches	2.00	15.00
2½ to 3 ft., strong, 6 or more branches,	3.00	25.00
3 to 4 ft., extra hv'y, 8 or more branches	4.00	30.00

10 per cent off on 5000 lots of the first four grades. Special low rates on car lots. Correspond before purchasing.

CHAS. BLACK, Hightstown, N. J.

Mention The Review when you write.

LARGE TREES

OAKS AND MAPLES, PINES AND HEMLOCKS

ANDORRA NURSERIES

Wm. Warner Harper, Prop.

Chestnut Hill, Philadelphia, Pa.

Mention The Review when you write.

All of the downtown florists report their 1911 business as greater than in the year before. One concern did $26,000 more business last year than in 1910. Others approximated that figure, while some exceeded it. There is plenty of competition, and room in the business for still more, according to good judges. Every new entry in the field takes business from the older firms, but the latter continue to extend their trade. More flowers are being sold than ever before, and the prices are said to be much lower, on the whole, than they were a few years ago. At that time the prevailing retail prices of good roses ranged around $6 to $9 per dozen. Now, it is said, the usual price is more likely to be $3 or $4 a dozen for a better grade of flowers. More people are using

flowers, people in moderate circumstances having acquired the flower habit. Big orders are scarcer, perhaps, but the small buyer is ever in evidence and all dealers are glad to get 50-cent and $1 orders.

The present cold snap is viewed differently by various florists. Near-zero weather is not good for the greenhouse men. It keeps up prices for the retailers, but some of them say that benefit is more than offset by the drop in trade, owing to the difficulty people have in getting around. Stock is generally scarce, but what there is available seems good, including carnations, Killarneys and other roses, sweet peas, violets, and lilies of several kinds.

Various Notes.

The charity ball given at the Willard Monday night, January 8, afforded Small & Sons an opportunity to decorate the big ball room, toward which they donated a quantity of smilax, palms, red ribbons, 250 boutonnieres for the dancers and a big bouquet for the lady leader of the cotillion. The Smalls will remain in their old quarters, at Fourteenth and G streets, until they can rent the store or sell the building, which belongs to the estate of the elder Small. The upper floors of the building are already rented to one of the government bureaus. Meanwhile the Smalls are doing business also at their new stand, at Fifteenth and H streets.

The city block on which are now located, in addition to the Small store, the establishments of Z. D. Blackistone and W. Marche, may be invaded in a year or so by the Washington Florists Co., which will be required to move from its present location, at Thirteenth and F streets, owing to the fact that the building has been sold and will be remodeled. Manager Bauer says it is uncertain when the Washington Florists Co. will move, or where. Rumor says it will not be long before the firm is located in the new business section just mentioned.

George C. Shaffer, Fourteenth and I streets, recently purchased a second automobile delivery wagon, a big gasoline machine, artistically painted in green and gold.

The Washington Florists' Society held its regularly monthly meeting last week, at which H. A. Huston, representative of the German Potash Syndicate, delivered a lecture on potash as a plant food and advocated its extended use, in connection with phosphoric acid, in greenhouses, for potted plants, in outdoor flower beds, vegetable gardens, and on lawns. A committee of the society, consisting of N. L. Hammer, Otto Bauer and O. A. C. Oehmler, has arranged for a series of lectures, to be delivered monthly before the society until next July. The next one, in February, will be on the subject of "Injurious Insects and How to Treat Them."

Manager Albert Schnell, of the Washington Florists' Exchange, continues to recover from the attack of blood poisoning from which he has been suffering.

Trade visitors here recently included R. Shoch, of M. Rice & Co., Philadelphia.

The Pennock-Meehan Co. is showing some fine Easter lilies, Lilium auratum and Japanese pink tiger lilies, as well as Golden Spur jonquils and some of the first white and yellow tulips that have appeared upon the market.

H. C. H.

AMERICAN PILLAR

HAS HOSTS OF FRIENDS

Tenants Harbor, Me., 2-3-11.—Gentlemen: Many thanks for your beautiful catalog. I want to tell you that I have one American Pillar which I have had for four years. It grows beautifully in this climate (way down on the coast of Maine) and is very much admired by everyone who sees it. Very truly yours.—Mrs. J. H. D———.

New Castle, Del., 11-12-1910.—Gentlemen: The American Pillar Rose you sent me is the finest of them all, and I have some ten different varieties. It was covered with thousands of blossoms, and the original plant covers an arch over ten feet high, and ten or twelve feet long. I have many Roses, but the American Pillar is the most admired of them all. I never find any trouble with mildew or insects. Your Roses are better than you claim and I am a most enthusiastic believer in Conard & Jones Company. Very sincerely.—Mrs. Selden S. Deemer.

Comment from the London Garden.—"A most notable feature in this glorious display (Temple Flower Show in London) was the New 'American Pillar' Rose. The large and attractive rich rose pink blooms are produced in immense clusters, the white centers of the blooms adding to their attractiveness.—Florists' Exchange."

The best pink rambler is American Pillar; it is an extraordinary grower, its foliage is darker in color than any other, and it is more evergreen than any known kind. It produces immense clusters of large flowers from 1½ to 2½ inches in diameter. This variety created quite a sensation when shown by us last year; it has been awarded the R. H. S. Award of Merit.—Hobbies, Limited, London, England.

"The Rose is of too recent introduction to write otherwise than generally about it. Its strong points appear to be its fine growth, lateness and showy flowers, and its really magnificent foliage, which clothes the stem down to the base, the pillars looking in Autumn as though clothed with ivy rather than a Rose foliage. Its special uses are as a tall pillar or rambling over a pergola, arch or screen."—From 1911 Rose Annual of the National Rose Society.

PRICES—Strong 3 year (4 to 5 ft.), **$35.00** per 100; 2 year (3 to 4 ft.), **$25.00** per 100; plants from pots, hardened, 2½-inch, **$10.00** per 100; f. o. b. West Grove.

THE CONARD & JONES CO.

WEST GROVE, **PENNSYLVANIA**

Mention The Review when you write.

ROSES FOR FORCING

"THE J. & P. PREFERRED STOCK"

We consider the deliveries we are now making to be the best plants we have ever grown. We have a few left for late buyers. **Crimson Rambler, Hiawatha, Veilchenblau (Blue Rambler), White Dorothy, Philadelphia Rambler, at $15.00 per 100; Tausendschon, $18.00 per 100; Dorothy Perkins, $12.00 per 100.**

BABY ROSES. Crimson, Baby Rambler, $15 00 per 100; Pink, Mrs. Cutbush, $15.00 per 100; White, Katherine Zeimeth, $15.00 per 100; Scarlet, Jessie. $3.00 per doz. (the BEST Baby Rose for pot culture).

The following bush Roses at $15.00 per 100: American Beauty, La France, Killarney Hermosa, Leonie Lamesch, Hugo Dickson, Mme. Caroline Testout, Kaiserin, Duchess of Albany, Etoile de France, Clothilde Soupert, White Cochet, Gruss an Teplitz, Anny Muller, Maman Cochet, Magna Charta. All fine forcing grade, the very best plants selected out of immense blocks.

HALF STANDARDS, Baby Ramblers, imported, at $3.00 per dozen.

JACKSON & PERKINS CO.

Rose Growers for the Trade. Wholesale Only. **NEWARK, NEW YORK**

Mention The Review when you write

FIELD GROWN SHRUBS IRIS THE USN CO PÆONIES ROSES

The United States Nursery Co.

Roseacres, Coahoma Co., MISS.

Mention The Review when you write

PEONIES

We have one of the finest stocks anywhere in the country and should be very glad to figure with you on your list of wants.

PETERSON NURSERY,

Stock Exchange Building, **CHICAGO**

Mention The Review when you write.

Clematis Paniculata

Strong, Field-grown Stock.

2-year, No. 1,
$7.00 per 100; $60.00 per 1000.

Extra selected,
$8.00 per 100; $70.00 per 1000.

VICK & HILL CO.

P. O. Box 613 **ROCHESTER, N. Y.**

Mention The Review when you write.

HARDY CHOICE

ORNAMENTALS

Ask for Prices

Hiram T. Jones

Union County Nurseries, **Elizabeth, N. J.**

Mention The Review when you write.

PACIFIC COAST.

SANTA CRUZ, CAL.

C. H. McIsaac, of the Lilydale Gardens, is this season raising a large quantity of callas from seed.

R. B. Morris has started in the calla bulb industry. He has three acres planted to bulbs and is preparing to increase his plantings to a total of eight acres.

This section was favored with some good rains during holiday week, but the total for the season is still considerably below normal.

Florists Thomas Thompson and W. E. King both report an excellent holiday trade. Both sold out clean and could have sold more had stock been available. There was a notable increase in the call for plants.

PORTLAND, ORE.

The Market.

Business is again back to normal. Demand for stock New Year's day was brisk, but nothing like the Christmas trade. With the closing of the year's business, everyone expresses satisfaction with the results; the depressed trade condition in other lines had little effect on the flower business, the best evidence being the extensive building that was done in the last year.

Roses and carnations are about equal to demand, while hyacinths, narcissi and daffodils, the harbingers of spring, lend variety to the stock. Cattleyas, violets and valley are scarce, but Easter lilies and callas can be had in limited quantities.

The continuous cloudy and snowy weather is detrimental to the stock, and impairs the keeping qualities, yet there is a deficiency in rainfall of several inches.

Various Notes.

Zimmerman Bros. have purchased a tract of land near Tigard and will erect a range of glass there this summer.

E. R. C.

SEATTLE, WASH.

The Market.

Business following Christmas and for New Year's day was quite good, several large decorations and some important funerals having helped considerably. There has been a shortage of carnations, the demand constantly being in excess of supply, but the brighter weather of the last few days will have a tendency to improve this important crop in quantity and quality.

The finish of the chrysanthemum season is in sight, few blooms now being on sale. Violets have been the best sellers this year, large quantities meeting a brisk sale. Roses and valley are none too plentiful. Paper Whites and Romans so far are the only spring bulbs offered. Some fine azaleas are now on sale, and there is good business right along in cyclamens, ferns, etc.

Various Notes.

The Burns Floral Co. recently shipped several funeral designs to Alaska.

The King County Granges are working in the interests of a fair in Seattle this fall. With a carnival, two flower shows and a fair scheduled for this year, it looks as if 1912 would be a busy one.

The reason the Seattle bowlers waited until after the holidays to meet Tacoma was to give Tacoma a chance to practice.

T. W.

SAN FRANCISCO, CAL.

The Market.

The weather has turned from light showers, which we are yet much in need of, to bright, sunshiny days and sharp, frosty nights. These conditions make stock of all kinds rather scarce, and the higher prices which have prevailed since the middle of last month are bound to continue until we have a moderation of temperature. Business is hardly up to that of one year ago. Although some of the retailers report a heavy New Year trade, a majority are in favor of declaring that it was not as good as was expected. From all sides, however, the accounts of business done Christmas week are highly satisfactory and put a good finish on the year 1911, which from many standpoints could be called an "off" year.

The recent cold snap has made violets and outside narcissi scarce. These represent about everything that is grown outside at this time, although there are still a few late blooming mums to be seen. Good roses are scarce; in fact, there is no really fancy stock to be had. With carnations there is more latitude and both stems and blossoms are right. Valley and orchids are as usual, and daffodils and freesias help nicely in letting us know that spring will be here shortly. Romans are plentiful and cheap. All sorts of green goods are in fair demand, but adiantum and asparagus are showing the effect of the heavy holiday cutting, and the same can be said of smilax.

Various Notes

Robert Armstrong, well known to the Pacific coast trade, has taken charge of the grounds of the East Lawn Nursery & Development Co., of Sacramento, Cal.

STANDARD POTTERY CO.

652-4 S. Griffin Ave., Los Angeles, Cal.

West India Gardens, Altadena, Cal.

Standard Pottery Co., Dear Sirs:—You have now delivered us about 34,000 4-in. pots out of the order for 40,000 we placed with you. Same have been entirely satisfactory. As soon as you have completed the order for 40,000, deliver us two good loads more of 4-in. pots, or about 4000 or 5000, then hold till further advices. We shall probably want 5000 to 7000 more.

(Signed) F. O. Popenoe, President.

Flower Pots, Vases and Ornamental Ware For Florists' Use Only.

Mention The Review when you write.

RAHN & HERBERT

110 E. 49th St., PORTLAND, ORE.

Marguerite Mrs. F. Sander, 2½-in. pots, fine plants, $15.00 per 100.

Heliotrope Centifleur, 2½-in. pots, $10.00 per 100.

Hall Caine Geranium, largest and best bloomer of all, single, red, 2-in. pots, $5.00 per 100.

Palms, Ferns and Araucarias. Write for prices.

Mention The Review when you write

SEATTLE CUT FLOWER EXCHANGE

909-911 Post St., SEATTLE, WASH.

Everything in cut flowers, greens, plants, etc., at lowest prices.

Write, wire or phone. L. P. WALZ, Mgr.

Mention The Review when you write.

Chrysanthemum Stock Plants

	Per doz.	Per 100
WHITE		Per plant
Mrs. David Syme		$1.00
Other Varieties		
W. Oct. Frost	$0.60	$4.00
Kalb	.60	4.00
White Cloud	.60	4.00
Ivory	.60	4.00
Virginia Poehlmann	.60	4.00
Touset	.60	4.00
Alice Byron	.60	4.00
W. Eaton	.60	4.00
W. Jones	.60	4.00
W. Chadwick	.60	4.00
Jeanne Nonin	.60	4.00
YELLOW		
Yellow Oct. Frost	.75	5.00
Monrovia	.60	4.00
Oct. Sunshine	.60	4.00
Halliday	.60	4.00
Yellow Ivory	.75	5.00
Major Bonnaffon	.60	4.00
Y. Eaton	.60	4.00
Golden Chadwick	.60	4.00
Yellow Jones	.60	4.00
PINK		
Pink Ivory	.60	4.00
Balfour	.60	4.00
Dr. Enguehard	.60	4.00
Maud Dean	.60	4.00
RED		
Intensity	.60	4.00
Shrimpton	.60	4.00
BRONZE		
Fancy Bronze	.75	5.00

ROOTED CARNATION CUTTINGS

	R. C.		2½-in. pots	
	100	1000	100	1000
Enchantress	$2.50	$20.00	$3.50	$30.00
White Enchantress	2.50	20.00	3.50	30.00
Winsor	2.50	20.00	3.50	30.00
Harlowarden	2.50	20.00	3.50	30.00
Beacon	3.00	25.00	4.00	35.00

Woodland Park Floral Co.

S. Poolman, Mgr. SUMNER, WASH.

P. O. Lock Box 86. Phone Farmers 84.

Mention The Review when you write.

SHASTA DAISIES

Alaska, California and **Westralia,** extra strong field divisions, $24.00 per 1000; $2.50 per 100.

Cyclamen Persicum Giganteum, 3, 4 and 5-in. pots, $7.00, $12.00 and $20.00 per 100. Fine bushy plants, well budded.

Asparagus Plumosus, 3-in., $5.00 per 100.

Asparagus Sprengeri, 3, 4 and 5-in. pots, $5.00, $8.00 and $15.00 per 100.

Also **Shasta Daisy, Pentstemon Hybridum Grandiflorum, Delphinium Hybridum** and other choice seeds. Send for list.

Cash, please.

FRED GROHE, Santa Rosa, Cal.

R. D. 4.

Mention The Review when you write.

CYCLAMEN

7-in. pots, per doz	$ 9.00
6-in. pots, per 100	65.00
5-in. pots, per 100	$45.00 to 50.00
4-in. pots, per 100	25.00
Cyclamen, 25,000 August seedling plants, all separate colors, per 100, $2.00; per 1000,	18.00
Asparagus Plumosus, 3-in. pots, per 100	7.00
" " 2-in. pots, per 100	3.00
" **Sprengeri**, 3-in. pots, per 100	5.00
" " 2-in. pots, ready for shift, per 100	2.50
Boston Ferns, per 100	$25.00, $40.00 and 50.00
Elegantissima Ferns, 100, 25.00	40.00 and 50.00
Whitmani Ferns, per 100, 25.00,	40.00 and 50.00

F. O. B. Portland

R. KEIL, - Lents, Oregon

Mention The Review when you write.

CARNATION CUTTINGS

Beacon, $25.00 per 1000. Enchantress, White Enchantress, Perfection, Sangamo, Alma Ward, C. W. Ward, Shasta, Robt. Craig, $20.00 per 1000.

Chrysanthemum Stock, all standard varieties, $4.00 per 100. Smith's Advance, Gloria, Sisewath, Donatello, Patty, Pres. Taft, C. H. Totty, Polypheme, Western King; rooted cuttings, $5.00 per 100.

Rose Stock, 2-year-old, all varieties, perennials, etc. Write for prices.

Van Slyke & Seamons, Tacoma, Wash.

Mention The Review when you write.

Asparagus Plumosus and Sprengeri

Out of 2-inch pots, $3.00 per 100.

Phoenix Canariensis, out of 2½-inch pots, $5.00 per 100.

Washingtonia Sonorae, out of 2-inch pots, $5.00 per 100.

H. KEMPF, Pacific Nursery

2041 Baker St., SAN FRANCISCO, CAL.

P. B. Estrado, who recently entered the retail business in Sacramento, is in town on a short visit.

Chas. Cohen, of the Ferry Floral Co., has erected one of the finest residences in Piedmont, and is engaged at present in improving the spacious grounds around it.

John Young, formerly of the Dwight-Way Nurseries, of Berkeley, took charge of the packing and shipping for Pelicano, Rossi & Co. during the Christmas season. This firm had a phenomenal holiday trade. G.

TACOMA, WASH.

The Market.

The last week of 1911 was a busy one, the finish of perhaps the best all-around year the florists have ever known in this part of the country. While stock may have sold for better prices in former years, we doubt if the trade in all its branches has ever experienced a better year than 1911, and everyone seems to think we have even better things to expect in the future.

Stock has been far short of the demand and, with two or three funerals, the retailers were up against a real shortage.

Bulbous stock is becoming more plentiful and some lilies have made their appearance in the stores. Carnations of the better grade are still scarce, but the bright days of the last week are helping to bring the crop along and the next few weeks will no doubt see the supply up to the demand.

Various Notes.

The Northwestern Floral Co. is doing quite a business in the nursery line. The stock is shipped from the company's nursery at Portland.

Mr. Smith, of the Smith Floral Co., reports the Christmas trade in the new store even better than he had expected.

Van Slyke & Seamons have a fine house of Formosa lilies just ready to cut. This lily has proven a paying proposition with them.

H. W. Manike reports great success with growing the Gov. Herrick violet. This violet seems especially adapted to this climate.

Don't forget the next regular meeting of the Florists' Club, Thursday evening, January 18. J. L. S.

LOS ANGELES.

The Market.

Not for a long time has there been such a scarcity of good outdoor flowers, especially carnations, as during the first week in the new year. A few degrees of frost in several localities where these flowers are grown ruined the cut for a few days, while other growers, more fortunately situated, reaped the benefit of higher prices. In addition to the shortage of outdoor flowers, the greenhouse crops for a few days also failed and the unusual spectacle of high-priced carnations in Los Angeles was seen. In one instance a retailer was seen to pay not less than $1 per dozen for good indoor reds. To make matters worse, a scarcity of violets developed and good violets were out of the question. Indoor roses, on the other hand, have become more plentiful and fine cuts of Killarney, Richmond, Radiance

Rooted Carnation Cuttings
NOW READY

State Floral Co., North Yakima, Wash., writes as follows:—"The Carnation Rooted Cuttings came to hand in splendid condition, and as fresh as though just from the propagating bed. We want to thank you for sending us such splendid stock at such reasonable prices. If you keep up this standard you will doubtless build up an immense trade." This is exactly what we intend doing and rest assured that we will send you plants that each successive year insures your return order. P. S.—That is what we are after.

PLEASE NOTE CAREFULLY FOLLOWING QUOTATIONS AND GIVE US YOUR ORDER AT ONCE.

White	100	1000	Pink	100	1000
White Enchantress	$2.50	$20.00	Enchantress	$2.50	$20.00
White Perfection	2.50	20.00	Rose-pink Enchantress	2.00	18.00
Alma Ward	2.50	22.50	Dorothy Gordon	3.00	25.00
White Wonder	6.00	50.00	Washington	6.00	50.00
Red	100	1000	Princess Charming	6.00	50.00
Beacon	$2.00	$17.50	Admiration	2.00	18.00
Victory	2.00	17.50	**Yellow**	100	1000
Crimson	100	1000	Eldorado	$1.75	$15.00
Harlowarden	$1.75	$15.00			

Express charges on rooted cuttings amounting to $10.00 or more prepaid. 25 at 100 rate; 250 at 1000 rate.

Loomis Carnation Co.
D. F. RODDAN & SON, Props. LOOMIS, Placer Co., CAL.

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS SEED
Season 1911—1912.

Ready NOW--our own grown seed

In Lots of 1,000 ..... per 1000, $2.50
In Lots of 10,000 ..... per 1000, 2.00
In Lots of 20,000 ..... per 1000, 1.75
In Lots of 50,000 ..... per 1000, 1.50

Write for quotations on larger lots.

Los Angeles Flower Market, 414½ South Broadway LOS ANGELES, CAL.

Mention The Review when you write.

KEEP YOUR EYE ON
DIETERICH & TURNER
Florists and Nurserymen
MONTEBELLO, CAL.
THE PROGRESSIVE FIRM

Rooted Carnation Cuttings
BASSETT'S FLORAL GARDENS, B. S. BASSETT, Proprietor LOOMIS, CAL.

Mention The Review when you write.

PALMS PALMS PALMS PALMS PALMS
WASHINGTONIA ROBUSTA
1, 1½, 2, 2½, 3 and 3½ ft., at 25c, 30c, 40c, 45c, 55c and 75c each (balled plants). Ask for our Wholesale Palm List of all kinds of Palms (Cocos, Phoenix, Seaforthia, etc.) State quantity wanted.
EXOTIC NURSERIES, Santa Barbara, Cal.
PALMS PALMS

GREENS
We make a specialty of Decorative Greens: Smilax and A. Plumosus Strings, A. Plumosus and A. Sprengeri Sprays. Also cut flowers. Write for prices.

Walter Armacost
OCEAN PARK :: CAL.

and other popular varieties are being sent in and come in useful for good funeral work and decorations. For filling in, stocks and sweet sultan are the most popular and plentiful, these flowers being available practically all the year around. Orchids were probably never more plentiful at this time of year and the demand has been good, but why growers will persist in cutting the flowers before they are half developed is difficult to explain. There are still a few mums to be had, but their glory has departed. Lily of the valley has been arriving in better shape and there is plenty of it to meet all demands. Greens of all kinds are plentiful and good and plants are not much in demand.

Various Notes.

O. C. Saakes has been busy with club and dinner decorations and his New Year business eclipsed all former records. He has been handling a fine lot of pot spiræas and Whitmani ferns, which sell rapidly.

The staff at the Freeman-Lewis place, on Fourth street, has been kept on the jump with decorations. At the Baker wedding at the Woman's Club a fine effect was created by the use of great quantities of greens and Killarney roses. This firm has one of the best windows in town to show off stock, and it is always a credit to those in charge.

It is reported that Herbert Wolfskill is quitting the florists' business. He and his brother, William L., have been in partnership since 1909, under the style of Thee Florists, at Fifth and Hill streets, where a profitable and high-class business has been done. Now the brothers have sold their interests to Frank, who will carry on the business as heretofore. All will wish him continued success. Herbert Wolfskill has been suffering more or less from rheumatism for some time, which is one reason for his decision to leave the flower business, and he contemplates a thorough rest for at least six months.

Albert Knopf's many friends in the east will be glad to hear that he has struck a good thing in purchasing the Redondo Floral Co. Since going there last May he has had hardly a dull minute, while at holidays and times of special stress he and his staff simply have to live at the store.

A. F. Borden, on West Third street, says that the year opened with a rush. At the grand opening of the Loyal Order of Moose, January 1 and 2, Mr. Borden furnished the decorations, and the large lodge room, 100 x 100 feet, at Levy's cafe, certainly looked fine, with large kentias, azaleas and other plants and big bunches of American Beauties. At the greenhouses the carnations, under the care of J. S. Dekema, never looked better. White and pink Enchantress are the principal kinds grown.

At the Angelus Flower Shop there is always something new and different from what is seen elsewhere and this is where J. W. Walters wins out over some of his slower competitors. Just now he is featuring heather, and large bunches of the beautiful Erica melanthera have a fine appearance in the store. At a recent dinner at the country club this and Beauty roses were used with fine effect.

When taking his seat at the Elks' New Year's banquet, Morris Goldenson was pleasantly surprised to find that his table had been finely decorated by his store clerks. A centerpiece of American Beauties and corsages of orchids for the ladies were parts of the scheme. George Watson, of Boyle Heights, and his daughter were included in the party.

A. & H. Abercromby sold a big lot of Boston and Whitmani ferns around the holidays, which depleted their stock somewhat, but they still have a fine show of these and other plants. They handle about 50,000 Whitmani every year, besides cyclamens, begonias and other stock, and have a promising looking nephrolepis sport with finer foliage than that of N. Amerpohlii.

Manager W. Wern, of Wright's Flower Shop, says that the year just closed was the banner year since the firm has been in existence and that indications are for even better things in 1912. The stock at the greenhouses at Gardena is in fine shape throughout the 100,000 feet of space which this plant comprises.

At the Los Angeles Flower Market business keeps up remarkably well. The prices obtained are good and the stock

[Concluded on page 82.]

Direct Importations---Tree Fern Stems

Due to arrive in the early spring of 1912.
The grandest and most graceful of all decorative plants.

Alsophila robusta, Dicksonia Antarctica, Dicksonia squarrosa, Cyathea medullaris, Cyathea dealbata, Cyathea Smithii Cyathea Cunninghami.

All sizes from three feet up.

We will also receive specimen plants of Platyceriums and Todeas,

Prices and particulars on application.

MacRORIE-McLAREN COMPANY

711-714 Westbank Bldg., SAN FRANCISCO, CAL. Nurseries, SAN MATEO, CAL.

Mention The Review when you write

Los Angeles Flower Market

CHAS. E. MORTON, Mgr. **414½ S. Broadway, Los Angeles, Cal.**

The best equipped wholesale house on the Pacific Coast. Handling the entire cut from eighteen large growers. Chrysanthemums, Roses, Carnations, Violets, Plumosus, Ferns, Smilax, in fact everything in season.

FLORISTS' SUPPLIES

Write, telegraph or telephone your orders. Prompt attention given.

Mention The Review when you write

MAKE ASTERS WORTH WHILE

By using our High-grade Yamhill Co., Oregon, Grown Seed

For years we have make a specialty of Asters for cutting. **Quality** is our first consideration. Central Yamhill, being the **natural home** of the Aster, never fails to produce **first-class** cut flowers, and our seed is **second to none.**

	⅛ oz.	¼ oz.	½ oz.	1 oz.
Crego Aster, in white, shell-pink, rose-pink, lavender and purple	$0.40	$0.75	$1.50	$3.00
Vick's Mikado Pink "Rochester," a lavender-pink	.40	.75	1.50	3.00
Daybreak and **Purity,** delicate pink and snow white	.30	.55	1.10	2.00
Lady Roosevelt, bright pink	.25	.50	.70	1.00
Dreer's Superb Late Branching, in five colors of Crego	.25	.50	.70	1.00

Ask for descriptive circular. Please send cash with order.

HERBERT & FLEISHAUER, Aster Specialists, McMINNVILLE, ORE.

Mention The Review when you write.

BARGAIN PRICES

Selling out all nursery stock except Kentias. **Areca Sapida,** potted, 2, 2½, 3, 3½, 4, 4½, 5, 5½-feet, at $1.20, $1.40, $1.80, $2.30, $2.90, $3.50, $4.20, $4.80 each. **Phoenix Canariensis,** balled and ready for shipment, 3, 3½, 4, 4½, 5, 5½-feet at 60c, 80c $1.00, $1.20, $1.45, $1.75 each. **Phoenix Can.,** from 2½-inch, $5.00 per 100. **Washingtonia Rob.,** from 2 inch, $4.50 per 100. **Cocos Plumosa,** balled, 3, 4, 5, 6, 7 feet, at $1.50 $2.00, $3.00, $4.50, $6.00 each.

Write for special prices on carload orders.

Kentia Nurseries, - Santa Barbara, Cal.

Mention The Review when you write

Sweet Pea Seed

"The Three Incomparable Reds"

Thos. Stevenson, orange-scarlet Spencer.
Maud Holmes, crimson (sun-proof) Spencer.
Kelway's Black, grandiflora.

Write for prices.

LEONARD COATES NURSERY CO.

Morganhill, Santa Clara Co., Cal.

Mention The Review when you write.

50,000 PANSY PLANTS

of the best mixtures known, stocky plants, ready to transplant now.....50c 100; $3.00 1000. Cash, please.

F. G. EHLE, 224 Sanborn Ave. SAN JOSE, CAL.

Mention The Review when you write.

A TUB THAT LASTS



Other Tubs will disgust them.

Patton Cedar Plant Tubs

last for years and the plants thrive in them. Special sizes to order. Write for prices.

PATTON WOODEN WARE CO.

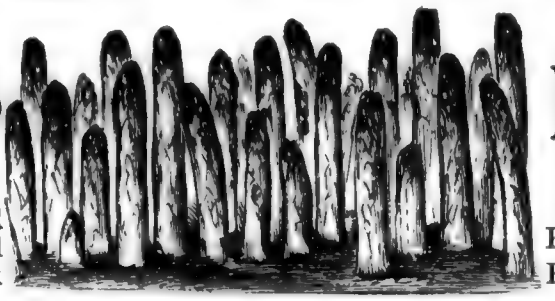
SEATTLE, WASH.

Mention The Review when you write.

FOR WINTER FORCING

MAMMOTH
ASPARAGUS
ROOTS

Per dozen .....$ 1.00 postpaid
Per 100..... 4.00 postpaid
Per 1000..... 35.00 postpaid



MAMMOTH
RHUBARB
CLUMPS

Per dozen .....$ 1.75
Per 100 ..... 10.00

SELECTED MAMMOTH ASPARAGUS ROOTS

From a renowned specialist, will force in four weeks, the most tender and delicious Asparagus. Can be forced under greenhouse benches or in cellars. Customers were delighted with their success last season, and are doubling their orders. 250 roots will be sold at the 1000 rate. Special quotation will be given on large lots. Write for our Wholesale List for Florists and Market Gardeners. Just issued.

JOHNSON SEED COMPANY. 217 Market Street, PHILADELPHIA, PA.

Mention The Review when you write

Vegetable Forcing.

FORCING TOMATOES.

I have been growing tomatoes in the greenhouse for the last two years, with only fair success. This year I should like to have a banner crop and so I write for information about growing them. The varieties have been Globe and Comet, and this year I shall try a few Bonny Best in addition to the others. I have been transplanting from the seed bed into pots, 2-inch to 4-inch in size, using fertilizer in the soil at each move, and then into the permanent bed. How far apart should the rows be and how far apart should the plants be in the row? Do you use fertilizer when you set them in the final bed? If so, what do you use and how often? Do you cultivate them after they are put in the permanent bed? How do you pollenize them, and is it necessary to pollenize after the ventilators and side sashes are kept open? Do you spray with Bordeaux as a precautionary measure or wait until you see the need of it? C. L. H.

Use carefully prepared, fresh Bordeaux as a preventive. It is too late to do much good after the crop is attacked by fungous diseases. The germs of the disease light on top of the leaves and cannot germinate where the leaves are coated with Bordeaux.

Your varieties are all right. The distance will depend somewhat on the arrangement of the house, etc. I like to plant fifteen inches apart for single-stem plants and have the rows in solid beds three feet apart. If on raised beds four to five feet wide, get two rows in a bench. Some growers plant eighteen inches apart each way. Spade some rotted manure into the beds before planting and feed occasionally, after they get to bearing, with commercial fertilizers and liquid manure. I think that after they commence to bloom you will find that you can fertilize all blooms by shaking each stalk carefully by giving it a sharp tap every day about noon, using a light stick with a soft rag tied around it near the end, so as not to bruise the stalk. Give several quick, sharp taps on the stalk, near the blooms. It can be done quickly and, if it is properly done each day, no blooms will be lost in good weather. H. G.

Stokes Seeds Philadelphia

Stokes' Bonny Best Early Tomato

Buy This Seed of the Originator, and Get it Right.

It is the finest tomato for forcing inside or for outdoor planting known to the trade. Price Introducer's Seed: Pkt., 10c; oz., 40c; ¼ lb., $1.00; lb., $3.75. Crown Set Seed for greenhouse use. Pkt., 20c; ½ oz., 75c; oz., $1.25. "Stokes' Standard" Globe Tomato. A new and wonderful strain of Globe Tomato. Seed saved from specimen fruits from line bred plants. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.50.

STOKES' BIG BOSTON LETTUCE
A superior strain.
Oz., 15c; ¼ lb., 35c; Lb., $1.25.

STOKES' GRAND RAPIDS LETTUCE
A superior strain.
Oz., 15c; ¼ lb., 35c; Lb., $1.25.

Send for Seed Catalogue and Market Gardeners' Wholesale Lists.

WALTER P. STOKES, Seedsman. Philadelphia, Pa.

Mention The Review when you write.

MARKET GARDENERS!
DON'T PAY FANCY PRICES FOR YOUR SEEDS
When you can buy the true
Northern Grown Seed Stock
of highest germinating and early maturing qualities direct from the grower. Send today for our Market Gardeners' Catalogue and save money.
Farmer Seed & Nursery Co.
571 4th Ave., Faribault, Minn.

Mention The Review when you write

BEST FRENCH SEED.
Radish, Scarlet Globe; Self-Blanching Celery; Lettuce, Improved Big Boston (quality extra), Black Seed Big Boston, Beaulieu's Forcing, 45 head fill up a barrel; Beaulieu's Globe White Tipped Forcing (½ pink, ½ white) new radish; White Tipped Scarlet turnip; Beet, Detroit, Crosby; long smooth parsley, large rooted, extra; Spinach, Savoy, Viroflay, Triumph, etc.; Endive, Curled and Escarolle. All this has been selected by myself and is the quality as used by the market gardeners of Paris. Send for prices.
BEAULIEU.
Woodhaven, Borough of Queens, New York.
Mention The Review when you write.

Lawrence, Mass.—A. H. Wagland, known also in the local trade as Wagland the Florist, finds that his five greenhouses, which cover all his available space at 647 Broadway, are much too small to supply the needed stock, and he is therefore planning to begin the erection of a range of greenhouses on his farm, about a mile distant from his present location. He also contemplates opening a store on the main street of the city. His new delivery automobile, which has been in use about two months, is proving to be a good acquisition. Master Harry Wagland has full charge of the delivery. This business was started nine years ago, with one greenhouse, and has had a steady, substantial growth.

Special Strain of Golden Self-Blanching CELERY

We offer an exceptionally fine strain known as our Perfection Strain. This seed is crop 1910; has been thoroughly tried out and we know it is right. It is almost free from green sorts, and more than one customer has told us they did not find a hollow stalk in the field this year. The germination is perfect. We consider it Perfection in every respect and do not think it can be improved on.

1 oz., 85c; ¼ lb., $3.25; lb., $12.00, postpaid

Send Postal for 1912 Descriptive Catalogue.

I. N. Simon & Son
Growers of Seed Specialties for Market Gardeners
6 N. Front St., PHILADELPHIA, PA.
Mention The Review when you write.

Special to the Trade

We make a specialty of growing all kinds of Vegetable Plants for the Seed and Plant Trade, including the best varieties of Forcing Tomatoes, Asparagus, Cauliflower, Egg Plants Peppers, Parsley, Lettuce, Cabbage, etc. Special prices made on large orders for spring delivery. Let us know your wants.

We have a fine lot of Tomato Plants, transplanted and potted: Comet, Lorillard Bonny Best, Sutton's A-1, Sutton's Abundance and Winter Beauty, also Extra Early Erfurt and Snowball Cauliflower.

Cash required with orders from unknown correspondents

Fox-Hall Farm, R. F. D. No. 2, Norfolk, Va.
Mention The Review when you write.



Watch for our Trade Mark stamped on every brick of Lambert's
Pure Culture Mushroom Spawn
Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address
P. C. Trade Mark.
American Spawn Co., St. Paul, Minn.
Mention The Review when you write.

The E. G. Hill Company, Richmond, Ind.

OFFER OF

CARNATION CUTTINGS

We guarantee our stock to please the most exacting of growers. Every cutting goes out with our guarantee and must be well rooted, of good size and in perfect health.

Our stock is not a by-product from flowering plants, but from carefully selected plants grown for cuttings alone.

JANUARY AND FEBRUARY DELIVERY

	Per 100	Per 1000		Per 100	Per 1000
Bonfire	$6.00	$50.00	Mrs. C. W. Ward	$ 4.00	$ 30.00
Scarlet Glow	3.00	25.00	Bright Spot	6.00	50.00
Beacon	3.00	25.00	May Day	3.00	25.00
Victory	3.00	25.00	Enchantress	3.00	25.00
White Wonder	6.00	50.00	Rose-pink Enchantress	3.00	25.00
White Enchantress	3.00	25.00	Wodenethe (C. H. Totty)	12.00	100.00
White Perfection	3.00	25.00	Rosette (Dorner)	12.00	100.00
Princess Charming	6.00	50.00	Benora (Peter Fisher)	12.00	100.00
Gloriosa	6.00	50.00	St. Nicholas (Baur & Steinkamp)	12.00	100.00
Dorothy Gordon	3.00	25.00			

Our new catalogue will be mailed next week

MONTGOMERY, ALA.

The Market.

Christmas trade this year exceeded the expectations of the florists. With the price of cotton, which is the main issue in this "neck of the woods," at about one-half of what it was last year, and with a whole week of disagreeable, stormy weather, a dull season was naturally expected, but in the final wind-up surprises were many. Everything in the pot plant line was eagerly bought up and at better prices than formerly. Azaleas brought from $1.50 to $5; Roman hyacinths in pans, 12½ cents per bulb; poinsettias, $1 to $2.50 per pan. Glory of Cincinnati brought $1 to $1.50 and more of them could have been sold. Cyclamens were $1 to $2.50 each. Made-up baskets sold much better than ever and at highly satisfactory prices.

In cut flowers American Beauties had the call at $15 per dozen; Richmonds were $4; other varieties of roses, $3. Carnations were $2.50 per dozen for pink and white and $3 for red. Orchids readily brought $2 per flower. As usual, in the hurry and bustle, some funeral work was called for. Holly, on account of the woeful lack of berries, did not meet with general favor. However, take it all in all, it was a most satisfactory Christmas to the florists, but not to the general city trade.

Various Notes.

H. L. Von Trott, of the Morning View Greenhouses, reports a ten per cent increase at Christmas and is satisfied as to the amount of business done.

W. B. Paterson, of the Rosemont Gardens, reports an increase of ten per cent. He had a considerable quantity of orchids in stock and they were sold quickly at good prices. His new delivery wagon is certainly a beauty and has been the subject of many favorable comments. W. C. C.

Now Ready

ROOTED CUTTINGS

CARNATIONS

Strong, clean, healthy stock; well rooted.

	100	1000		100	1000
Beacon	**$2.50**	**$20.00**	**White Perfection**	**$2.00**	**$17.50**
White Enchantress	**2.50**	**20.00**	**Rose-pink Enchantress**	**2.00**	**17.50**
Enchantress	**2.00**	**17.50**			

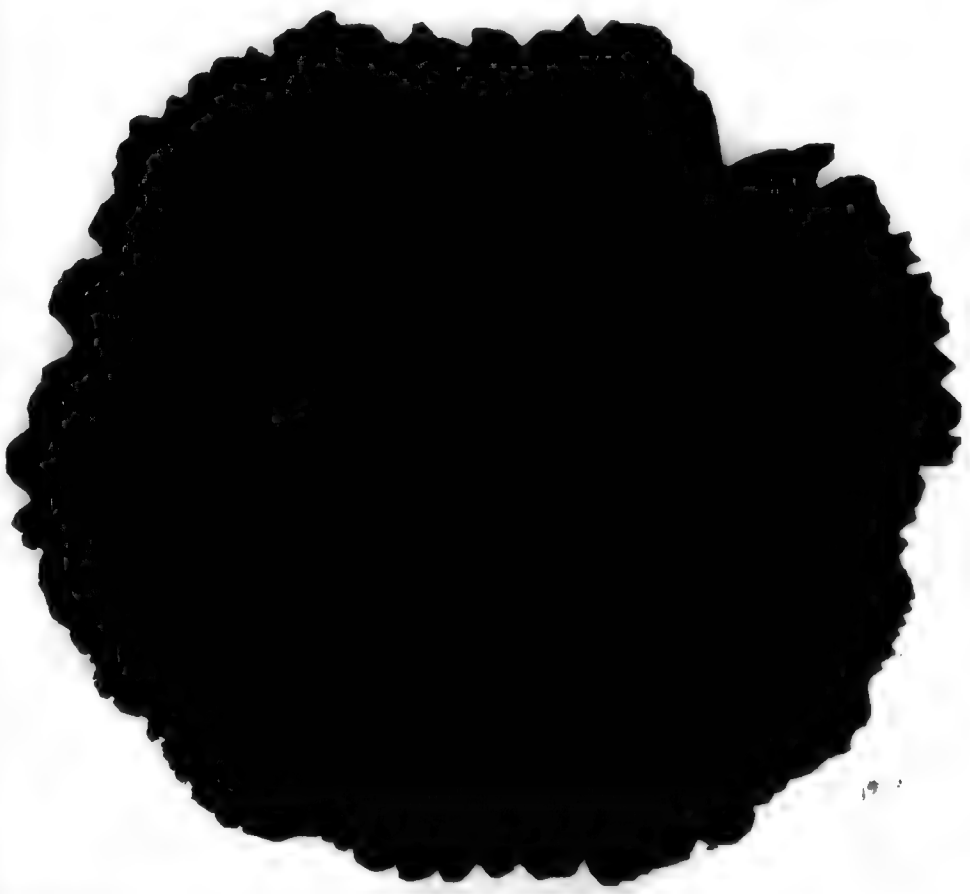
PETER REINBERG

30 East Randolph Street **CHICAGO**

Mention The Review when you write.

Augusta, Ga.—H. W. T. Balk, of Balk's Nursery, reports that holiday trade was twenty-five per cent ahead of last season, in spite of a week of rainy weather. There was a good demand for both plants and cut flowers.

St. Nicholas



We recommend St. Nicholas as an **all season** scarlet carnation.

Not only is it grand at Xmas time, but it is fine in October and June.

You need only one variety in scarlet, if you will grow St. Nicholas.

Wherever we have shown it, it has always been conceded to be the best scarlet on show.

Visitors at our place invariably substantiate this claim.

What more can we do to convince you that St. Nicholas is the finest scarlet in sight ?

We are booked up to late February. Send in your order now, for late February or early March.

BAUR & STEINKAMP

Carnation Breeders

INDIANAPOLIS, : IND.

CARNATION GROWERS ! !

Certificate of Merit, American Carnation Society.
Bronze Medal, National Flower Show, Boston, March, 1911.

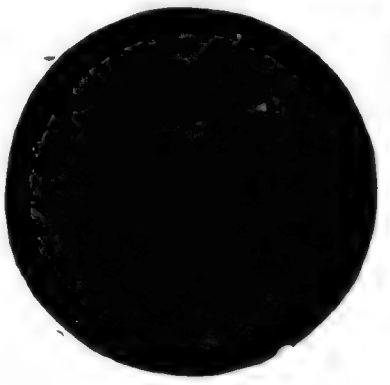


QUALITY.

RAINBOW

—IS—

A Money Maker



MERIT.

It is a Glorified Prosperity full of carnation virtue. It is profitable and prolific. See last week's Review for pedigree.
When you buy a carnation seedling you are entitled to one that is **honest** and **dependable.** **RAINBOW** is honest and dependable.
You buy carnation seedlings for profit. **RAINBOW** will increase your carnation profit 40 to 60 per cent.
Our reputation rests upon the satisfaction we give you. We want you to feel that **RAINBOW** is **ONE** carnation which will safeguard your interest. Our rooted cuttings are guaranteed to be perfect. We can deliver half a million. Why wait any longer ? $12.00 per 100; $100.00 per 1000; 250 at 1000 rate. Liberal discount on large orders. Cash or good reference.

Wanoka Greenhouses, Barneveld, N. Y.

NOTICE

To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the continent of Europe: Your best means of doing this is to take in the

Horticultural Advertiser

Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade.

A. & C. Pearson, Lowdham, Nottingham, Eng.

Always mention the Florists' Review when writing advertisers.

READY FOR ORDERS

OWN-ROOT ROSES

My Maryland, 2¼-inch pots, ready for shipping middle of February.

Orders taken for following varieties, from now to January 20th, for March delivery:

Pink Killarney, White Killarney, Richmond, Perle, Bride and Bridesmaid, 2¼-inch pots.

Send us your order NOW.

J. L. Dillon, Bloomsburg, Pa.

THE NEW SCARLET COMMERCIAL CARNATION

DELHI

Has again made good as a Christmas crop. $8.00 per 100 was the price of the blooms. January cuttings all sold. Booking orders for early February delivery now. If you want a commercial carnation that will bloom when you want a red for the holidays, get Delhi.
Good strong cuttings, 100, $10 00; 1000, $75.00; 5000, $65.00 per 1000; 10,000, $60.00 per 1000. 250 at 1000 rate.

WM. MURPHY,
309 Main Street,
CINCINNATI, OHIO.

S. S. SKIDELSKY & CO.
1215 Betz Building,
PHILADELPHIA, PA.

Mention The Review when you write.

LOS ANGELES NOTES.

[Concluded from page 78]

cleans up well. C. Morton expects to handle about 650,000 daffodils this year.

H. Reeve Darling is genuinely pleased with business conditions generally and has had a wonderful run of trade at the Hayward Floral Co.'s store. A good deal of credit is due to Bert Bateman, his capable and artistic designer.

The usual monthly meeting of the Los Angeles County Horticultural Society was held January 2. The principal business was the election of officers, which resulted as follows: Theodore Payne, president; E. R. Reese, vice-president; Chas. Winsel, treasurer, and H. W. Kruckeberg, secretary. There was a paper and considerable discussion on "Landscape Gardening in California," and the park commission came in for some rather hard knocks. A publicity committee was named by the president, consisting of Henry W. Kruckeberg, H. R. Richards and P. D. Barnhart.

The H. N. Gage Co. was fortunate in not having the carnations frozen, the grounds at Hollywood being in the frostless belt. This firm has contracted for the cut of roses from Speakman Bros.' new place at Lawndale, and fine Killarneys, of good size, stem and color, are arriving. A large and varied line of florists' supplies is carried here.

Dieterich & Turner's new house, 50 x 300 feet, is now finished at Montebello, and another rose house, 60 x 300 feet, is to be built this spring, the glass being already on the ground. A large cement oil tank, to hold 500 barrels of crude oil, is being built on high ground, so that the oil will feed the boilers by gravity, without pumping. Another large piece of ground has been purchased and a range of plant houses is among the possibilities here. The progress made by this firm is remarkable and everything done is carried out on up-to-date commercial lines.

J. N. Grant is making a tour of Arizona with the Grant planting pot, a paper pot specially designed for the growth of young stock of palms, eucalyptus and other plants that are propagated in large numbers. The pot is already in use by the government forest service and is similar to the bamboo pots used in India's forest service, with which Mr. Grant was formerly connected.

H. R. R.

Hoopeston, Ill.—Andrew Peterson, who conducts a large range of greenhouses here, has also bought the greenhouses at Gibson, Ill., paying for them something over $16,000. He formerly owned greenhouses in Paxton.

Booking orders now for

HELEN NEWBERRY

The Fine Late White
POMPON CHRYSANTHEMUM

Delivery March 1, 1912. Orders Filled in Rotation

PRICES

100 for $15.00 25 for $5.00
50 for 7.50 12 for 3.00

Send orders to

Fred Pautke or Fred Breitmeyer
Grosse Pointe, Mich. Mt. Clemens, Mich.

Mention The Review when you write.

THE PLAIN TRUTH

has been our policy for years. We have done more to elevate the standard of

CHRYSANTHEMUMS

than any other firm.

Many who were patrons 20 years ago are patrons today. Continued confidence is an expression of appreciation which always reflects from quality of product and business methods.

It is not too late to begin aright,
What others have enjoyed you may enjoy.
The best time to begin is NOW.

All we ask is, that you ask for our 1912 catalogue in case you have not received it, and we will try and do the rest.

Elmer D. Smith & Co., ADRIAN, MICH.

Always mention the Florists' Review when writing advertisers.

ROSES

	GRAFTED		OWN ROOT	
	Per 100	Per 1000	Per 100	Per 1000
Lady Hillingdon	$25.00	$200.00	$20.00	$150.00
Rose Queen	20.00	150.00	15.00	100.00
Double Pink Killarney	20.00	150.00	15.00	100.00
Aaron Ward	20 00	150 00	10.00	90.00
Mrs. Taft	18.00	150.00	8.00	70.00
Melody	.....	.....	12.00	100.00
Double White Killarney (Reuter's Strain)	30.00	250.00	25.00	200.00

White Killarney and Pink Killarney, $7.00 per 100; $60.00 per 1000.

CARNATIONS

ROOTED CUTTINGS

	Per 100	Per 1000		Per 100	Per 1000
White Wonder	$6.00	$50.00	Bonfire	$6.00	$50.00
Gloriosa	6.00	50.00	Pink Dlight	4.00	35.00
Washington	6.00	50.00	Mrs. C. W. Ward	3.50	30.00

White Enchantress, White Perfeetion, Mayday, Afterglow, Winsor, Beacon, Ruby and Conquest 3.00 25.00

New Double Marguerite, Mrs. F. Sander

	Per 100	Per 1000
A good variety, very free and an easy grower. Strong plants, 2-in. pots	$5.00	$40.00

S. J. REUTER & SON, Inc., Westerly, R. I.

ROOTED

CARNATION

CUTTINGS

	Per 100	Per 1000
Alma Ward, white	$4.00	$35 00
White Enchantress	3.00	25 00
White Perfection	3 00	25.00
Winsor, pink	3.00	25 00
Pink Enchantress	3 00	25 00
C W. Ward, deep pink	4 00	35.00
Beacon, red	3 00	25.00

We have the cleanest stock in the West. If you want the best, then send us your early orders. We grow **only** the best commercial varieties, and save you that big freight and express charge from the East. Come any time and see us—and the flowers we grow.

W. H. Sawvel Floral Co.

115 Clinton Place, Kansas City, Mo.

Mention The Review when you write.

YOU Will find all the best offers all the time in the Review's Classified Advs.

The Best White Rose Ever Offered

WE SHALL DISSEMINATE

Double White Killarney

We Are Now Booking Orders For March Delivery.

It made a great record at the shows this fall. See it growing at The Budlong Rose Co., in Auburn, R. I., or with us at Cromwell.

Order now to be sure of early delivery.

A. N. PIERSON, Inc., Cromwell, Conn.

Mention The Review when you write.

Western Headquarters for Rose Plants — Poehlmann Bros. Co.

Double White Killarney (Poehlmann Strain), grafted stock, $30.00 per 100; $250.00 per 1000.

Grafted			100	1000
Pink and White Killarney	2½-inch,		$12.00	$100.00
Richmond	2½-inch,		12 00	100.00
Maryland	2½ inch,		12.00	100 00
Mrs. Aaron Ward	2½-inch,		14.00	120 00
Melody	2½-inch,		14.00	120.00
Mrs. Taft or Prince De Bulgarie	2½-inch,		14.00	120 00
Own root				
Pink and White Killarney	2½-inch,		6.00	55.00
Maryland	2½-inch,		6.00	55.00
Richmond	2½-inch,		5.00	40.00

Orders are now booked for April, May, June and July delivery.
All goods sold for cash or 30 days on approved credit.

POEHLMANN BROS. CO. Wholesale Florists MORTON GROVE, ILL.

Mention The Review when you write.

YOU WILL FIND ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

G. DREYER

Tel. 228 Newtown Jackson Ave. ELMHURST, L. I.

DECORATIVE PLANTS

YOU WHO WANT

Early Cuttings

Place your orders and get

IMMEDIATE DELIVERY

	Per 100	Per 1000		Per 100	Per 1000
Enchantress, White Enchantress, Beacon,	$3.00	$25.00	Gloriosa, Norwood,	$6.00	$50.00

Dorothy Gordon, $4.00 per 100; $35.00 per 1000
Perfection, - 3.50 per 100; 30.00 per 1000
Winsor, - $2.50 per 100; $20.00 per 1000
Rose-pink Enchant., 2.50 per 100; 20.00 per 1000

J. D. Thompson Carnation Co., Joliet, Ill.

Mention The Review when you write.

ROCHESTER.

The Market.

Severely cold weather holds our city in its grip, but business seems brisk and the zero temperature does not interfere with the sale of flowers. There are quite a few weddings booked for January, which will keep us busy.

Killarneys, both pink and white, are good and are much reduced in price. Tafts are splendid. Wards are much more abundant. Richmonds are rather poor. Beauties are not as good as they have been. Harrisii lilies are scarce just at present. A few speciosum and auratum lilies are seen here and there. All carnations are good; the red ones are becoming less numerous. Cattleyas are selling better than ever and are in finer condition than they have been at any time this winter. Valley is good, but somewhat scarce. Plants of all kinds are in demand and azaleas are arriving in great numbers now.

Various Notes.

R. Karlstrom, of W. A. Manda, Inc., South Orange, N. J., called on the trade in this city.

The Ellwanger-Rose wedding, which took place January 4, was one of the most brilliant affairs of the season. Enormous quantities of wild smilax and Easter lilies were used. J. B. Keller Sons did the work.

Geo. B. Hart and Wm. L. Keller expected to go to the rose show in Detroit.

Seymour S. Potter, aged 53, dropped dead while delivering a funeral piece at 142 Rohr street, January 5. His death was due to heart failure.

J. B. Keller Sons' new boiler is working in great shape in this zero weather, which puts it to a severe test. They are much pleased with it. E. C. A.

ROOTED ROSE CUTTINGS NOW READY

Kaiserin, per 100	$3.50	Per 1000	$25.00
Perles, per 100	3.50	Per 1000	25.00

All first-class stock, well rooted.

BASSETT & WASHBURN

Office and Store: 131 N. WABASH AVE., CHICAGO
Greenhouses: HINSDALE, ILL.

Mention The Review when you write.

Don't Delay Ordering

Benora Carnation

NOW, for seasonable delivery.

Write for descriptive circular. Cultural directions with each shipment.

$12.00 per 100; $100.00 per 1000.

PETER FISHER, Ellis, Mass.

Mention The Review when you write.

Rooted Carnation Cuttings

of up-to-date varieties
List on application

LITTLEFIELD & WYMAN
NORTH ABINGTON, MASS.

Always mention the Florists' Review when writing advertisers.

JOHN SCOTT

Rutland Road and E. 45th St.,

BROOKLYN, N. Y.

Palms, Ferns and Decorative Plants

Mention The Review when you write.

WASHINGTON

Dark Pink Sport of Enchantress, Like all the Other Members of the Enchantress Family, the Best in Their Respective Colors :: :: :: :: ::



WASHINGTON, THE VARIETY THAT HAS MADE GOOD.

Washington is the only variety sent out last year that was shown extensively at the Flower shows this year, and the only second year novelty shown in the Hundred Class; winning First Prize over all standard varieties.

Washington like Enchantress, is easy to handle and brings satisfactory returns to the grower.

Washington is a strong, healthy grower; the foliage is much darker than the Enchantress. Strong, well rooted cuttings now ready. $6.00 per 100; $50.00 per 1000.

OTHER LEADERS

White Wonder, exceptionally free, fine large flower, good stems. $6.00 per 100; $50.00 per 1000.

Gloriosa, medium pink, very fine flowers on good stems. $6.00 per 100; $50.00 per 1000.

Pink Delight, flesh pink, the best keeper of any carnation grown. $6.00 per 100; $50.00 per 1000.

Bonfire, scarlet, very bright, long strong stems. $6.00 per 100; $50.00 per 1000.

Christmas Cheer, scarlet, very free. $6.00 per 100; $50.00 per 1000.

Princess Charming, large flesh pink, long heavy stems, very fine. $6.00 per 100; $50.00 per 1000.

STANDARD VARIETIES

	Per 100	Per 1000
White Enchantress, pure white	$3.00	$25.00
White Perfection	3.00	25.00
Shasta, very free	3.00	25.00
Victory	3.00	25.00
Beacon	3.00	25.00
Scarlet Glow	3.00	25.00
Afterglow	$3.00	$25.00
Alvina	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Dorothy Gordon	3.00	25.00
Enchantress	3.00	25.00
May Day, very fine	3.00	25.00

All stock is clean, healthy and well rooted
February delivery on all orders booked now

Chicago Carnation Co.

A. T. PYFER, Manager

30 East Randolph Street, CHICAGO

The New Carnation, BROOKLYN

A Reincarnation of the Old William Scott, but embodying additional and more important qualities

THE NEW "HELEN" PINK A beautiful Deep Pink after the style of the old William Scott, lighter than Lawson, grand under artificial light. Highly built-up center, petals fringed, habit of growth all that could be desired. Very easy propagator, fastest growth of any Carnation. Flowers 3-in. and larger. **Preliminary scoring, New York Florists' Club, 86 points. "Certificate of Merit" Horticultural Society of New York. TO BE DISSEMINATED 1911-1912.**

ROOTED CUTTINGS, ready now, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate.

Charles Weber
GROWER
Lynbrook, Long Island, **New York**

R. G. WILSON
Fulton Street and Greene Avenue
BROOKLYN, N. Y.

CHAS. H. TOTTY
Madison, N. J.

BOWLING

AT CHICAGO.

The Chicago Florists' Bowling League made the following scores January 3:

Violets.	1st	2d	3d	Carnations.	1st	2d	3d
Byers	167	157	167	Lohrman	150	168	162
Wienhoeber	104	148	145	Marks	146	..	..
Schloss'm'n	124	132	106	Schultz	137	170	153
Pufunt	137	175	104	Simon	119	129	135
Friedman	157	184	164	A. Zech	203	157	198
				Ayers	..	150	173
Totals	689	796	686	Totals	755	774	821

Roses.	1st	2d	3d	Orchids.	1st	2d	3d
Stack	174	136	165	Huebner	166	144	165
Schue	120	143	145	Graff	187	198	149
Welsh	150	124	124	Krauss	168	167	123
Van Gelder	138	123	178	Farley	147	178	150
Fischer	181	159	191	Foerster	156	146	177
Totals	763	685	803	Totals	824	833	764

AT NEW YORK.

The scores of the New York Florists' Bowling Club December 29, 1911, were:

Player.	1st	2d	3d	4th
Rickards	172	140	175	152
Nugent	125	123	137	119
Holt	136	153	158	130
Kakuda	161	165	187	160
Chadwick	199	220	201	232

The scores January 5 were:

Player.	1st	2d	3d	4th	5th
Kakuda	166	143	173	157	173
Holt	143	146	144	153	157
Chadwick	200	203	193	167	169
Nugent	122	131	114	126	112

J. A. S.

AT ASTORIA.

The bowling scores of the Astoria, N. Y., florists January 4 were:

Player.	1st	2d	3d	4th
Siebrecht	128	177	152	172
Einsmann	156	197	145	184
Jacobsen	187	122	128	139
Doerhoefer	103	138	141	211
Miesem	194	171	184	163
Edmunston	167	136	156	106
Donaldson	..	155	178	171

W. H. S.

BROCKTON, MASS.

W. W. Hathaway reports Christmas trade as ahead of any previous year. Cut flowers were more in demand than a year ago, while the plant trade was not quite so good. Both plants and cut flowers were of better quality than usual. Bright colors took the lead and were unequal to the demand. In pot plants there was a good call for azaleas, Lorraine and Glory of Cincinnati begonias, ardisias, cyclamens, primulas and poinsettias. Holly, laurel and boxwood sold on sight and were of extra fine quality, with the exception of holly, which was well berried but not so green as usual. C.

Hydrangea Otaksa

For Easter and Decoration Day

6-inch, pot-grown, well branched and set with flower buds.

Otaksa, with 5 and 6 branches, at $20 00 per 100; 4 branches at $15 00 per 100. **Souvenir de Claire,** fine pink, same color as Gloire de Lorraine Begonia, same price; also 7-10 branches latter variety, $25.00 per 100.

Jackson & Perkins Company
Wholesale Florists and Nurserymen
Newark, Wayne Co., New York State

FERNS---ROSES ....BEGONIAS....

Amerpohlii, Barrowsii, Scottii, Elegantissima, Boston, Jacksoni, Piersoni, Sword, Whitmani, 2½-in. pots, $4 00 per 100; 4-in., $15.00 per 100.

Rex Begonias, assorted varieties, 3-in. pot plants, $5.00 per 100; $45.00 per 1000.

Roses our specialty. Ask for quotations.

The Dingee & Conard Co., West Grove, Penna.
Mention The Review when you write.

ORCHIDS

We are now booking orders for the **Spring Importations.** Placing orders now insures to you an early delivery and **best results.**

Send for Catalogue.

G. L. FREEMAN, Wellfleet, Mass.
Mention The Review when you write.

ORCHIDS

Greatest quantity and variety in the country, and for all purposes. We are now booking orders for **freshly** imported stock for next year. Write for prices.

LAGER & HURRELL, Summit, N.J.
Mention The Review when you write.

Orchid Peat

(Osmunda Fiber)
Price list and samples on request.
The C. W. BROWNELL CO.
WALDEN, N. Y.

Mention The Review when you write.

Pot-Grown Ferns

NEPHROLEPIS
Scottii, Whitmani, Bostoniensis, Piersoni
4-inch, 15c each; 5-inch, 25c each; 6-inch, 50c each; 7-inch, 75c each; 8-inch, $1.00 each.
Large plants .....$1.50 to $3.00 each

ASPLENIUM NIDUS AVIS
(Bird's nest fern)
5-inch $0.75

CIBOTIUM SCHIEDEI
7-inch $2.00
9-inch 5.00
10-inch tub 7.50

PALMS
Areca Lutescens, 3-inch, 15c; 4-inch, 25c; 6-inch, $1.00; 9-inch, $5.00; 10-inch tub, $6.00.
Latania Borbonica, 4-inch, 20c; 5-inch, 30c.
Kentia Forsteriana—
4-inch pots.....$25.00 and $35.00 per 100
5-inch pots..... 50.00 and 75.00 per 100
6-inch pots..... 1.00 each
7-inch pots..... 2.50 each. Fine plants.
Kentia Forsteriana—
Combination .....$3.00 to $15.00 each
Kentia Belmoreana—
3-inch pots .....$18.00 per 100
4-inch pots .....$25.00 and 35.00 per 100
5-inch pots ..... 50.00 and 75.00 per 100
Kentia Belmoreana—
Larger plants.....from $2.50 to $10.00 each
Cocos Weddelliana, 2½-inch pots..$15.00 per 100

FICUS PANDURATA
5-inch $0.75
6-inch 1.50
8-inch 3.00

FICUS ELASTICA
4-inch $0.25
5-inch ..... .35
6-inch .....50c and .75
7-inch .....75c and 1.00

DRACAENA MASSANGEANA
5-inch $1.00
6-inch 1.50
7-inch 2.50
8-inch 3.00

DRACAENA TERMINALIS
4-inch $0.35
5-inch ..... .50

DRACAENA LORD WOLSELEY
4-inch $0.35
5-inch ..... .75

PANDANUS VEITCHII
4-inch $0.50
5-inch ..... .75
6-inch 1.00
7-inch 1.50
8-inch 2.00

PANDANUS UTILIS
2½-inch $0.06

ASPIDISTRAS
Variegated, 5-inch, strong.....$1.25
Green, 6-inch, strong..... 1.00

ARAUCARIAS
Compacta, 5-inch $1.25
Compacta, 6-inch 1.75
Excelsa, 5-inch ..... .50
Excelsa, 6-inch .....75c and 1.00

CHINESE PRIMROSES
4-inch $0.10
5-inch ..... .20

PRIMULA OBCONICA
4-inch $0.10
5-inch ..... .25

ASPARAGUS SPRENGERI
2¼-inch.....$3.00 per 100

ASPARAGUS PLUMOSUS
2¼-inch $0.04
3 -inch ..... .08

JOHN BADER CO.
1826 Rialto St., N. S., PITTSBURGH, PA

THE NEW YELLOW FORCING ROSE SUNBURST



This magnificent, giant yellow rose has been tested for three years in our benches; it stands head and shoulders above all other sorts of its color and will rank with American Beauty and the Killarneys in value and grandeur—because

It has a long, pointed bud, which can be cut tight for market. It is pre-eminently a long-stemmed rose. The stem is always stiff. It is free in bottom breaks. Is extraordinarily vigorous and healthy. Belongs in the class of **Big Roses.** Its keeping qualities rank with the best. Buds shipped from Richmond last December opened up perfectly in both Philadelphia and New York, where it scored 90 before the Florists' Club.

The color is orange-copper or golden orange and golden yellow, all intense shades, extremely brilliant in effect.

Come and see it growing; we have 8,000 of it benched.

Does splendidly out of doors; will rank high as a bedder. At the Chicago show, 1910, it was awarded the silver cup for the best new rose never before exhibited, and the judges unanimously gave it honorable mention additional. Has created a sensation wherever shown.

Raised by M. Pernet-Ducher, from whom we bought the American rights.

We have divided our stock with Mr. C. H. Totty, of Madison, N. J., to give eastern growers a chance to see it growing. Will be distributed March 1 in America by C. H. Totty and The E. G. Hill Co. Mr. Pernet will distribute same date in Europe.

The American price is $30.00 per 100; $250.00 per 1000 (own roots); $5.00 per 100 additional for grafts

THE E. G. HILL CO., Wholesale Florists, RICHMOND, IND.

ROOTED

CarnationCuttings

QUALITY the first consideration. Only strong, well rooted cuttings from absolutely healthy plants will be shipped. An order now insures your receiving stock when wished for.

	Per 100	1000
White Wonder Early, free, large pure white, on long, stiff stems	$6.00	$50.00
Mrs. C. W. Ward Deep pink	3.00	25.00
Sangamo Deep pink	3.00	25.00
May Day Daybreak color	2.50	20.00
Winona Medium pink	2.50	20.00
Winsor Clear pink	2.50	20.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00

Orders will be filled strictly in rotation. Remittances or acceptable references should accompany the order One-third the amount to be prepaid for cuttings ordered sent C. O. D.

Frank P. Putnam

Pleasant View Gardens, NO. TEWKSBURY, MASS.
P. O. Address, Box No. 12, Lowell, Mass.
Mention The Review when you write.

KILLARNEY

Double Killarney is the best pink rose for warm weather. Contracts made for cuttings, eyes or own root plants.

JOHN WELSH YOUNG, Upsal Sta. P. R. R., Philadelphia, Pa.
Mention The Review when you write.

Rooted Carnation Cuttings

	100	1000
Princess Charming An improvement on Enchantress, making good.	$6.00	$50 00
Christmas Cheer The scarlet pot carnation.	$6.00	$50.00
Wodenethe (Totty) The most perfect white.	$15.00	$125.00

Clean Stock, for Immediate Delivery

Henry Eichholz
WAYNESBORO, PA.

Mention The Review when you write.

Rooted Cuttings

Begonias, flowering kinds, $1.75 per 100.
Verbenas, 70c per 100; $6.00 per 1000.
Pelargoniums, $2.50 per 100.
Ageratums, 60c per 100; $5 00 per 1000.
Daisies and **Salvias,** $1 per 100; $8 per 1000.
Petunias, $1 25 per 100; $10 00 per 1000.
Coleus, 70c per 100; $6.00 per 1000.

All good varieties and named.
Express paid on all rooted cuttings.
Cash with order.

S. D. BRANT, Clay Center, Kan.

Mention The Review when you write.

MELODY, own root, 2½-in. pots, 30c each; $2.50 per dozen; $12.00 per 100; $100.00 per 1000.

DOUBLE PINK KILLARNEY, own root, $2.50 per dozen; $12.00 per 100. $100 00 per 1000. Grafted, $3.00 per dozen; $20.00 per 100; $150.00 per 1000.

ROBERT SCOTT & SON,
SHARON HILL, Delaware Co., PA.
Mention The Review when you write.

To the Store Man:

If you are wanting anything in Azaleas, Begonias, Cyclamen, Primroses, Celestial Peppers or anything in blooming plants, write us for our price list. In Ferns we have the largest stock in central west, sizes 2½ inches to 10 inches. We shall be pleased to have your order.

Get Ready for Easter

Order **Imported Hydrangeas,** 6-in., 4 to 8 shoots, $9.00 per doz.; $65 00 per 100; 7-in., 6 to 12 shoots, $12.00 per doz.; $85.00 per 100; 8-in., 8 to 14 shoots, $15.00 per doz.; $100.00 per 100; 9-in., 10 to 20 shoots, $150.00 per 100. **Home Grown** 4-in plants, just started, $3.00 per doz; $22 50 per 100 6-in. **Baby Ramblers,** $6 00 per doz; $45 00 per 100. **Baby Rambler, Climbing,** dormant, $6.00 per doz.; $45 00 per 100. **Crimson Ramblers,** dormant, two-year-old, $7 50 per doz.; $55 00 per 100. 4-in **Pink Dorothy,** $3 00 per doz.; $22 50 per 100. 4-in **White Baby Ramblers,** $1.00 per doz.; $30.00 per 100.

These prices are good only for a short time. Get your orders in promptly.

GEO. A. KUHL,
Wholesale Grower
PEKIN, ILL.

Unrooted Carnation Cuttings

	1000
White Wonder	$30.00
White Enchantress, **Dorothy Gordon**, **Mrs. C. W. Ward**	12.50

Can ship any quantity at once.
100 at the 1000 rate.

Rooted Carnation Cuttings

	1000
White Wonder	$50.00
Mrs. C. W. Ward, **Dorothy Gordon**, **White Enchantress**	25.00

100 at the 1000 rate. **READY NOW.**

IDLEWILD GREENHOUSES, Sharon, Pa.

NEW ORLEANS.

The Market.

New Year's day was one of the gloomiest we have had in many a year, but nevertheless the business was above expectations, both in the sale of plants and cut flowers; the latter being put up in hundreds of boxes New Year's eve at the different flower stores for early morning delivery. We are now at the height of the social and the beginning of the carnival season, which was ushered in by its first ball, January 5. Every storekeeper was delighted with the business of the first week in the new year, because the various social functions, as well as the funerals of two prominent men, helped to clean up nearly all of the incoming stock, which is of exceptionally good grade.

Roman hyacinths and Paper White narcissi grown by local florists are coming in handy at present, when all outdoor grown flowers are practically gone. Home grown sweet peas are scarce, being raised outside and therefore subjected to the inclemency of the weather; and if the approaching cold wave strikes us good and hard it will put an end to this valuable flower.

Various Notes.

U. J. Virgin's azaleas created a sensation on New Year's eve and were sold out at the highest figures.

J. C. Quinette reported a fine holiday trade and is booking heavy orders for fruit and ornamental trees and shrubbery.

F. A. Quinette is doing well at his new store on Baronne street, handling chiefly outdoor nursery stock. R. E.

SPRINGFIELD, O.

Club Meeting.

The prevailing blizzard and numerous counter attractions occasioned a reduced attendance at the meeting of the Springfield Florists' Club, held on Monday evening, January 8, in the directors' room of the American Trust and Savings Bank.

The reading of the paper prepared for this meeting was postponed until the time for the February meeting, at which a sauerkraut supper in one of the greenhouse sheds will serve as the sort of attraction which invariably acts as a "puller."

Charles W. Schmidt and Clinton L. Reese were appointed a committee to confer with the various florists in regard to an exhibit in connection with the corn show to be held January 16 to 20 in the tabernacle erected for the recent services conducted by Billy Sunday.

In an informal discussion, numerous matters of special interest were considered and the prospects for the future of the plant shipping business were talked over by various members.

Ge Dale.

CARNATIONS

F. Dorner & Sons Co.

LA FAYETTE, IND.

Always mention the Florists' Review when writing advertisers.

Seasonable Plants

At bargain prices, for immediate delivery, to make room for planting. All fine stock.

300 4-inch Boston Ferns, at 8c each.
300 4-inch Whitmani, at 8c each.
200 4-inch Genista, for Easter Blooming, at 10c each.
500 3-inch Adiantum Croweanum, at 10c each.
100 5-in. Jerusalem Cherries, right for February 22, at 12½c each.
2000 2¼-in. Killarney (now dormant), at $30.00, if taken at once.
2000 2¼-in. White Killarney (now dormant), at $30.00, if taken at once.
500 2-inch Mrs. Sander daisy (new), at 6c each.
5000 2¼-inch Godfrey Calla, at 3½c each.

Order at once—Cash.

FRED H. LEMON & CO., Richmond, Ind.

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Heacock's Palms and Ferns

HOME-GROWN—STRONG AND HEALTHY

Our Palm sales have increased more than 44% during the year 1911 over the sales of the previous year. We are still strong on the following sizes:

Areca Lutescens

	Plants	Height	Each
9-in. cedar tub	Several in tub	5 ft.	$7.50

Kentia Belmoreana

	Leaves	Height	Each	Doz.
2½-in. pot	4	8 to 10 in.		$ 1.50
3-in. pot	5	12 in.		2.00
5-in. pot	6 to 7	18 in.	$0.50	6.00
6-in. pot	6 to 7	24 in.	1.00	12.00
7-in. cedar tub	6 to 7	34 to 36 in.	2.50	30.00
7-in. cedar tub	6 to 7	36 to 38 in.	3.00	36 00
9-in. cedar tub	6 to 7	40 to 45 in.	4.00	48.00
9-in. cedar tub	6 to 7	42 to 48 in.	5.00	
9-in. cedar tub	6 to 7	48 to 54 in.	6.00	

Cocos Weddelliana

		Per 100
2½-in. pot	8 to 10 in. high	$10.00

Made-up Kentia Forsteriana

	Height	Each	Doz.
7-in. cedar tub, 4 plants	36 in	$2.50	$30.00
7-in. cedar tub, 4 plants	36 to 40 in.	3.00	36.00
9-in. cedar tub, 4 plants	40 to 42 in.	4.00	48.00
9-in. cedar tub, 4 plants	42 to 48 in.	5.00	60.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
6-in. pot, 18 to 20-in. spread	1.50
7-in. cedar tub, 18 in. high, 24-in. spread	2.00

Cibotium Schiedei

9-in. cedar tub, 4-ft. spread	4.00
9-in. cedar tub, 5-ft. spread	5.00
9-in. cedar tub, 5 to 6-ft. spread	6.00

Joseph Heacock Co., Wyncote, Pa.

Railway Station, JENKINTOWN

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SPECIAL OFFER

PALM PHOENIX ROEBELENII

From 4-inch pots, ready to shift to 5-inch, $30.00 per 100
From 6-inch pots, $60.00 per 100

5 % Discount for Cash

JOHN LEWIS CHILDS, FLORAL PARK, Long Island, N.Y.

Some Good Stock!

CHINESE PRIMROSES, extra large, 4-in., double and single, in bud and bloom, fancy colors, mixed, $8.00 100.

PRIMULA OBCONICA, 4-in., fancy, mixed, in bud and bloom, $5.00 per 100.

ASPARAGUS SPRENGERI, large 4-in. plants, $6.00 100; good 2½-in., $2.50 100.

SMILAX, fine 2½-in. stock, $2.00 100.

CYCLAMEN, extra fine 3-in. plants, 6 colors, in bud and bloom, $8.00 100.

SNAPDRAGONS, white, pink and yellow; fine 3-in. plants, $5.00 100, $45.00 1000.

CINERARIAS, extra large 3½-in. healthy plants, of fancy kinds, $5.00 100; 2½-in., $3.00 100.

MARGUERITES, white and yellow, large 2½-in. plants, $2.25 100; $20.00 1000.

HELIOTROPES, light blue, dark blue and white; large 2½-in., $2.50 100; $22.50 1000.

75,000 2½-in. GERANIUMS now ready. **BEAUTE POITEVINE, RICARD, GRANT, S. A. NUTT, BUCHNER, MONTMORE, PERKINS, MME. ROSELEUR**, etc.; large plants, true to name, $2.50 100; $22.50 1000. A bargain; try them.

Pure Greenhouse Fertilizer will make your plants and carnations grow and bloom. $2.50 per bag.

ALONZO J. BRYAN

WHOLESALE FLORIST

Washington, New Jersey

Mention The Review when you write.

MILLER'S GIANT OBCONICAS

are the best selling plants on the market when in bloom. Flowers average larger than silver dollars, with long stems, on a well-grown plant. They are a sure money-maker for you. Extra strong, 3-in. stock, $5.00 per 100.

Cyclamen Giganteum, in bud, 4-in., $10.00 per 100; 3-in., $5.00 per 100.

Cinerarias, the largest flowering grown, strong 3-in., $3.50 per 100.

Asparagus Plumosus, large 3-in., $3.00 per 100; 2-in., $2.00 per 100. **Asparagus Sprengeri,** 2-in., $1.50 per 100.

Chinese Primrose, extra fine large flowering, 3-in., $4.00 per 100. **Kewensis Primrose,** sweet-scented, for cut flowers and pot plants, 3-in., $4.00 per 100.

These are all well-grown plants and will please you. Cash, please.

J. W. MILLER, Shiremanstown, Pa.

Mention The Review when you write.

Cyclamen Cyclamen

Fine, in bud and bloom.
5-inch, 50c; 6-inch, 75c; 7-inch, $1.00

FERNS

Whitmani, Boston, Scholzeli,
5-inch.....25c 6-inch.....40c

Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Mention The Review when you write.

FERNS AND ASPARAGUS

Nephrolepis Whitmani, Scottii and **Bostoniensis,** 6-in. pots, 35c each; 7-in., 75c each.

Asparagus Plumosus, 3-in., $5.00 per 100.

Cash with order.

ASCHMANN BROS.

Second and Bristol Sts., PHILADELPHIA

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Chrysanthemums

WRITE FOR CATALOGUE

CHAS. H. TOTTY, Madison, N. J.

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HERE YOU ARE
FOR SPECIALS

AGERATUM STELLA GURNEY	2½ inches	$ 2.00 per 100
AGERATUM STELLA GURNEY	3½ inches	3.00 per 100
ASPARAGUS PLUMOSUS	2½ inches	3.00 per 100
ASPARAGUS PLUMOSUS	3½ inches	7.00 per 100
ASPARAGUS SPRENGERI	2½ inches	2.50 per 100
ASPARAGUS SPRENGERI	3½ inches	5.00 per 100
BOSTON FERNS	2½ inches	3.00 per 100
BOSTON FERNS	3½ inches	8.00 per 100
BOSTON FERNS	4 inches	12.00 per 100
BOSTON FERNS	5 inches	18.00 per 100
CYCLAMEN GIGANTEUM	2½ inches	4.00 per 100
CYCLAMEN GIGANTEUM	3½ inches	7.50 per 100
CYCLAMEN GIGANTEUM	4 inches	10.00 per 100
GERANIUMS (assorted)	2½ inches	2.00 per 100
GERANIUMS (assorted)	3½ inches	3.50 per 100
GERANIUMS (assorted)	4 inches	4.50 per 100
GERANIUMS (assorted)	5 inches	7.00 per 100
MUM STOCK OF PRIZE WINNERS		3.00 per 100
ICE OR PICKLE PLANT	2½ inches	2.00 per 100
ICE OR PICKLE PLANT	3½ inches	3.00 per 100
SMILAX	2½ inches	2.00 per 100
SMILAX	3½ inches	3.00 per 100
MT. OF SNOW	2½ inches	2.00 per 100
MT. OF SNOW	3½ inches	3.00 per 100
TEA ROSES AND B. RAMBLERS	2½ inches	3.00 per 100
TEA ROSES AND B. RAMBLERS	3½ inches	5.00 per 100
UMBRELLA PLANTS	3½ inches	6.00 per 100
UMBRELLA PLANTS	4 inches	10.00 per 100

50,000 Carnations (cuttings), all varieties.
100,000 Geraniums, the finest in the land.

We grow your stock especially for you and deliver when wanted. Let us book you.

Our Carnations are of the best varieties and will give cuttings or sand rootings.

We are making a specialty of sixty-three varieties of bedding stock and will quote you prices that will astonish you. Write us your wants. Five per cent discount for January delivery to make room.

The Meredith Flower & Vegetable Co.

Libertyville, Illinois

Wheeler's Light Pink Snapdragon

From 1¾-in. pots, $4.00 per 100.

Wheeler's Yellow, from 1¾-in. pots, $3.00 per 100.

JAMES WHEELER, Florist

NATICK, MASS.

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Julius Roehrs Co.

RUTHERFORD, N. J.

Palms, Plants, Orchids, Etc.

Send for Price List.

Mention The Review when you write.

Asparagus Plumosus, 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Asparagus Sprengeri, 2-in. pots, $2.00 per 100; 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Smilax, 3-in. $4.00 per 100.

Ferns, Boston, Whitmani, Scottii and **Scholzeli,** 4-in. pots, $2.00 per doz.; 5 in., $3.00 per doz.

Dracaena Indivisa, 3-in. pots, $4.00 per 100.

Daisies, white, Paris, Giant, 2½-in. pots, $3.00 per 100.

Clematis Paniculata, strong plants, 2-yr.-old, $10.00 per 100; 1-yr.-old plants, $5.00 per 100.

Hardy English Ivy, 4-in. pots, $10.00 per 100; 3-in. pots, $5.00 per 100.

C. EISELE

11th & Westmoreland Sts., Philadelphia, Pa.

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ANTON SCHULTHEIS, College Point, L. I.

Headquarters for

DECORATIVE and FLOWERING PLANTS

Mention The Review when you write.

DAYTON, O.

The Market.

The first genuine evidence of winter was quite visible last week, when the mercury for the first time this season took a sudden drop below zero. The drop was accompanied by high winds, which kept all hands busy with the coal shovel. The temperature continued below the zero mark for several days, but most of the time there was plenty of sunshine, which has done wonders to stock already; for during the last five or six weeks of continued dull weather everything has been seemingly at a standstill. Since the holiday trade, business has dropped off considerably, and as far as orders are concerned, the florist is not overtaxed with them. Stock is especially fine and, while as yet the supply is limited, there is plenty of all kinds to meet the demands. Besides roses and carnations, there is a good line of bulbous stock on the market.

Various Notes.

A. Miller, of A. Henderson & Co., Chicago, was in town last week.

Elmer Jenkins, one of our suburban florists, was in town last week. He tells us that he has a fine line of bulbous stock coming on for the early spring trade.

Nick Mety, who a few years ago was engaged in the florists' business in North Dayton, has torn his place down and is selling the material. Since Mr. Mety left Dayton his place was run by the Furst Floral Co., which recently moved into its own quarters.

I am glad to report that Mrs. Elizabeth Young's condition is not quite so serious as at first thought, although she will be confined to her home for about six weeks.

During the cold snap of a few days ago the Heiss Co. was unfortunate in having part of a bench of Bostons frozen.

Harry Smith, of Piqua, O., chose the worst day in winter to come to Dayton to make a few friendly calls on his brother florists. R. A. L.

Bloomington, Ill.—John R. Gee has purchased the greenhouses which for nearly forty years were owned and conducted by J. D. Robinson, and which are located on South Robinson street. Mr. Gee has been connected with the establishment for thirty-six years and has been manager for several years. Mr. Robinson will devote his time to his banking interests and other business.

20% DISCOUNT ON PLANTS AND R. C. **Asp. Pl. Nanus**, 2-in., 2c; 3-in., 4c. **Alternantheras**, best red and yellow, R. C., 50c per 100. **Dracaena** Indivisa, 2-in., strong, 1½c. **Daisies**, giant marg., white and yellow, 2-in., 2c; **Double Hardy** Snowball and Longfellow, $2.00 per 1000. **Alyssum**, Double Giant, 2-in., 2c. **Fuchsias**, 5 kinds, R. C., $1.00 per 100; small, 3-in., bargain at 2c net. **Heliotropes**, blue, R. C., 70c per 100; 2-in., 1½c. **Primula**, Chinese, fringed, mixed and obc. grandif., mixed, 2-in., bud and bloom, 1¾c; 3-in., Chinese and obc. gigantea in pink shades, 3c **Salvias**, Bonfire and Splendens, R. C., 75c per 100.

Discount for Jan. Cash with order only.

E. W. Byer, Prop. S. Fl. Co., **Shippensburg, Pa.**

Mention The Review when you write.

Mum Stock Plants

Monrovia, Halliday, Pacific Supreme, Balfour, Ivory, Winter Cheer, Charles Razer, Bonnaffon Nagoya, Pompons, Quinola, Alma, Clarinda, $1.00 per dozen; $5.00 per 100.

COLLINGDALE GREENHOUSES

COLLINGDALE, PENNSYLVANIA

Mention The Review when you write.

Geraniums

We have a splendid assortment of standard varieties and novelties ready for immediate shipment, from 2-inch pots, at prices from $2.00 per 100, $18.50 per 1000, up to 50c each.

If you haven't our catalogue, send for it.

SPECIAL OFFER:

For Cash; we will send 1000, 50 each of 20 varieties, our selection, all good kinds, will include some Ivy-Leaved if desired, for **$18.50;** 6000 for **$105.00.**

	2-inch Per 100	3-inch Per 100
Scented Geraniums, Rose, Nutmeg, Lemon, etc.	$2.00	$3.00
Silver-Leaf S. A. Nutt, Mountain of Snow, Mrs. Pollock,	3.00	4.00
Ivy Leaved, Rycroft's Surprise, Mrs. Banks, etc.	2.00	3.00
Lobelia Kathleen Mallard	2.00	
Hardy English Ivy, strong stock		3.00
Double Petunias, mixed colors and white	2.00	3.00
Verbena, red, white, blue, pink and variegated	2.00	3.00
Lemon Verbena (Aloysia Citriodora)	2.00	3.00
Swainsona Alba	2.00	3.00
Tradescantia Zebrina Multicolor	3.00	
Coleus, 10 varieties, Verschaffeltii, Golden Bedder, etc.	2.00	3.00
Salvias, Bonfire, Zurich, propagated from cuttings	2.00	3.00

R. Vincent, Jr., & Sons Co., White Marsh, Md.

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STOCK ALWAYS NEEDED

Small Ferns for dishes—Pteris Mayii, Serrulata Cristata Variegata, Wimsetti, Cretica Albo-Lineata, $3.00 per 100, $25.00 per 1000.

Aspidium Tsussimense and Cyrtomium Falcatum, $3.50 per 100, $30.00 per 1000.

Asparagus Plumosus, 2½-in., $3.00 per 100, $25.00 per 1000.

Asparagus Sprengeri, 2½-in., $2.50 per 100, $22.00 per 1000.

Pandanus Utilis, 3-in., $10.00 per 100; 4-in., $20.00 per 100.

Cocos Weddelliana, 2½-in., $10.00 per 100.

Kentia Belmoreana and Forsteriana—Made-up and single plants, all sizes. Special value in made-up Forsteriana, 4 plants in 8-in. tubs, 40 to 44 in. high, $4.00 each; 8-in. tubs, 44 to 48 in. high, $5.00 each (very bushy).

Forcing Spiraea Clumps, extra quality. No better proposition for Easter or Memorial day.

Floribunda, $5.00 per 100; $45.00 per 1000.
Gladstone, $10.00 per 100; $90.00 per 1000.
Superba, $6.00 per 100.
Queen Alexandra, $12.00 per 100.
Blondine, $6.00 per 100.
Japonica, $4.00 per 100.

Genista Racemosa—6-in. pot plants, $25.00 per 100; very heavy 4-in. pot plants, at $15.00 per 100.

Hydrangea Otaksa—Fine pot grown plants, 5-in. pots, 2 to 3 flower shoots, $20.00 per 100.

BEDDING STOCK.

You will want to start soon.

Heliotropes. Czar, Czarina, Jersey Beauty, etc., $2.50 per 100; Centifleur (giant), $3.50 per 100.

Lantanas, 8 fine varieties, $3.00 per 100.

Coleus—Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.

Moonflower—Buy now to propagate from, $3.00 per 100.

Geraniums—Standard market sorts, established plants, $3.00 per 100, $25.00 per 1000.

Flowering Begonias, good assortment, $3.00 per 100.

Croton Aurea Maculata—3-in. pot plants, $8.00 per 100.

English Ivy—Strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.

Violet—Hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000.

THE STORRS & HARRISON CO.,

Painesville, Ohio.

Mention The Review when you write.

"Craig Quality Stock"

SEND FOR CATALOGUE

ROBERT CRAIG CO.

4900 Market Street

PHILADELPHIA

Always mention the Florists' Review when writing advertisers.

DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

DAVID HERBERT & SON

ATCO, N. J.

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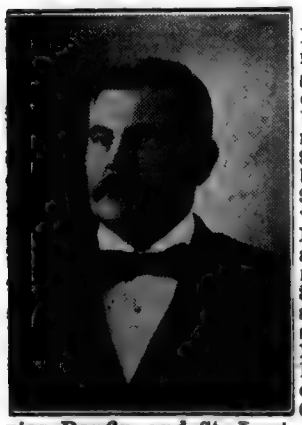
150,000 Once-Transplanted Giant-Flowering Cyclamen

SEEDLINGS

For the last 15 years we have selected three-fourths of our seed bearing Cyclamen stock before Xmas, to assure early blooming plants, and claim the finest commercial strain in this country; no fizzle of many so-called English varieties. Our aim is strong growers, that don't have to be petted to be grown into a choice salable plant—a well built, five petaled flower (many of them at one time), with well marked foliage; every plant an ideal, a prize-winner. Received first and second prizes at the Toledo Florists' Club meeting early in November, when blooming Cyclamens were scarce. Strong August seedlings, now ready for a shift, once transplanted, $3.00 per 100, $25.00 per 1,000; 3-inch, 4-inch, 5-inch and 6-inch plants, for this season's blooming, at from 10c to 75c each. Cash with order.

Christ. Winterich, CYCLAMEN SPECIALIST **Defiance, Ohio**

Mention The Review when you write.



Express Prepaid on Rooted Cuttings. The finest ever. Satisfaction guaranteed to all parts of the United States. Verbenas, the very best named varieties, 70c 100; $6 00 1000; Fuchsias, the best named varieties, $1.00 100; $9 00 1000; Feverfew, Little Gem, $1.25 100; $10 00 1000; Coleus, all the finest select named varieties, 70c 100; $6.00 1000; Alternantheras, red and yellow, very strong, 60c 100; $5.00 1000; Ageratum, Little Blue Star, Stella Gurney and Imperial White, 60c 100; $5 00 1000; Salvias, Bonfire and St. Louis, the leading varieties, $1.00 100; $7.00 1000; Sweet Alyssum, our big Double Giant, 80c 100; $6.00 1000. Daisy, White California, $1.00 100; $8.00 1000. 32,000 Vinca R. C., $1.00 100; $8.00 1000.

C. HUMFELD, Clay Center, Kan.

Mention The Review when you write.

Cyclamen Seedlings and R. C., Etc.

We have a fine lot of Cyclamen Seedlings, very good imported strain, to offer in 6 separate varieties, $1.50 per 100; $12.50 per 1000.

	Per 100	1000
Moonvines, white, R. C., extra fine and clean. We have 10,000 of these.	$1.50	$15 00
4000 **English Ivy,** R. C.	1.00	10.00
3000 **Lantanas,** R. C., in 3 varieties.	1.50	12.50

Hydrangea Otaksa, dormant, 3-in., $8.00 per 100; 4-in., $15.00 per 100; 5-in., $25.00 per 100.

We solicit your patronage.

D. U. Augspurger & Sons Co.

PEORIA, ILL.

Mention The Review when you write.

F. S. SMITH

Feverfew, 2¼-in., $3.00 per 100.
Coleus, mixed, $2.50 per 100.
Godfrey Callas, 4-in., $6.00; 2¼-in. $4.00 100

330 W. 38th St., Indianapolis, Ind.

Mention The Review when you write

CHAS. D. BALL

GROWER OF

PALMS, ETC.

Send for Price List

HOLMESBURG, - - PHILADELPHIA, PA.

Mention The Review when you write.



ROOSEVELT.

	2½-in. 100	4-in. 100	5-in. 100	6-in. 100
Boston	$3.50	$12.00	$25.00	$40.00
Whitmani	3.50	12.00	25.00	40.00
Todeaoides	3.50	12.00	25.00	40.00
Scottii			25.00	40.00

Asparagus Plumosus, 2-in., $2.00 per 100; $18.00 per 1000; 2½-in., $3.50 per 100; $30.00 per 1000; 3-in., $5.00 per 100; $45.00 per 1000.

	Per 100
Coleus Christmas Gem	$2.50

Roosevelt Ferns

This fern will undoubtedly take the place of Boston in the near future. It is a faster grower, makes twice the runners and finishes up into a large plant in shorter time. 2½-inch, $2.50 per dozen; $17.50 per 100; $150.00 per 1000.

	Per 100
Violets, Wales	$2.50
German Iris, Florentina Alba, earliest large-flowering Iris	2.50
Iris Pallida Dalmatica, lavender, shaded blue	8.00
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S. S. PENNOCK-MEEHAN CO.,
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Asparagus plumosus to close out, 3-in., ready for 4 and 5-in., $5.50 per 100; $50.00 per 1000. Asparagus Sprengeri, 3-in., ready for 5-in., $5.00 per 100; $45.00 per 1000.
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10,000 Asparagus plumosus, extra strong 2½-in., $2.50 per 100; $22.00 per 1000. 6000 A. Sprengeri, strong, bushy, $2.00 per 100; $18.00 per 1000. Cash.
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2-in., $2.50; 3-in., $5.00; 4-in., $12.00.
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CUT STRINGS, 8 FT. LONG,
50c EACH.
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Asparagus Sprengeri. Good, strong plants from 3-in. pots, $3.00 per 100 plants.
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Asparagus plumosus, 3-in., 5c. Sprengeri, 2¼-in., strong, 2c.
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Asparagus Sprengeri, extra strong 2-in. stock, $2.00 per 100, to close out to make room.
Addems, Morgan & Co., Paxton, Ill.

Asparagus Sprengeri, 2¼-in. pots, $2.00 100; 4-in., $8.00 100; 5-in., $15.00 100.
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Asparagus plumosus nanus, 2-in., 2c. Asparagus Sprengeri, 2-in., 2c; 3-in., 3c.
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200 surplus 4-in. Asparagus plumosus, extra fine plants, equal to 5 or 6-in., $12.00 per 100.
Chas. L. Smith, Penn Grove, N. J.

Asparagus Sprengeri, 2-in., strong, $2.00 100. A. plumosus, 3-in., $4.00 100.
J. W. Ross Co., Centralia, Ill.

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Asparagus, fine. See display adv.
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Bay trees (standards), fine assortment, sizes 12 to 48 in. crowns. Price, $2.50 to $25.00 each. Let us know your wants.
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Bay trees and box trees, all sizes.
Write for special list.
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Bay trees. Fine selection. Write for prices.
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Blooming begonias in assortment, $2.50 per 100. Rex begonias in assortment, $4.00 per 100; 2½-in., large, $6.00 per 100; 4-in., fine plants, $2.50 per doz. Some fine stock of my new special Rex begonias, Emerald Queen and Bronze King, 2-in., $6.00 per 100; 2½-in., $8.00; 4-in., fine plants, 35c each, $4.00 per doz.
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Begonia Lorraine, exceptionally well developed plants, ready for immediate retail sales, 6-in., 60c each; 7-in., 75c each.
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Feastii begonia, 2-in., $1.50 per 100; 3-in., $2.00 per 100. Cash.
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Rex begonias, strong 2-in., fine varieties, 4c; $35.00 per 1000.
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REX BEGONIAS my specialty. Largest collection, $5.00 per 100.
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Jerusalem cherries, 200 bushy, well berried plants, to close out, $6.00 per 100; the lot, $10.00. H. B. Snow, Camden, New York.

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Christmas peppers, 4-in., $10.00 per 100. Cash. Marion Floral Co., Marion, Ind.

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Bouvardia stock plants, single; red, white and pink, $20.00 per 100.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Bouvardia stock plants. B. Humboldtii and rosea grandiflora, $3.00 per doz.; $20.00 per 100. Cash with order. Blondeel, Oak Park, Ill.

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Browallias, white and blue, 2¼-in., $3.00 per 100. Schmidt & Botley Co., Springfield, Ohio.

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Bulbs of all descriptions. Write for catalogue and prices.
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Bulbs. Amaryllis Belladonna, 3 in. diameter, $6.00; 4 in. diameter, $9.00. Cannas, mixed, red, crimson and yellow, $2.00 per 100.
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Old Man cactus, 4- 5-in., $3.00 doz. postpaid.
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Some fine stock of Godfrey callas from stock of the first distributor; the one to grow for paying results. 2½-in. plants, will soon make blooming plants, at $5.00 per 100, $45.00 per 1000. Also a lot of started plants in flats, for prices of which write. N. O. Caswell, Delavan, Ill.

Godfrey callas bring 3 flowers to 1 of the common, and bloom from 3-in. pots; 3-in., $6.00 per 100. Cash with order. See my cyclamen, ageratum and coleus advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

Dwarf calla, Little Godfrey, gives three times the number of flowers in the same space than old ones; they bloom in 3-in. pots. Plants in 2-in. pots, $4.00 per 100. Cash. Try a few.
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Godfrey callas. We have the following sizes left; 75 in 2½-in. pots, 24 in 3-in. pots, 26 in 3½-in. pots, 125 plants; $5.50 cash takes the lot.
The Newburys, Mitchell, S. D.

Callas, good flowering strain; strong from flats, $1.00 per 100. Bell Floral Co., Franklin, Pa.

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64 varieties, including Mrs. A. F. Conard and the finest new ones. Send for price list.
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Canna C. Henderson. Dry bulbs, 1 to 3 eyes, $2.00 per 100. Cash.
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All cuttings have our guarantee back of them.

	Per 100	Per 1000
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Afterglow	3.00	25.00
Beacon	4.00	30.00
Bonfire	6.00	50.00
Enchantress	3.00	25.00
Gloriosa	6.00	50.00
Princess Charming	6.00	50.00
Rosette	12.00	100.00
Rose-pink Enchantress	3.00	25.00
Mrs. Ward	4.00	30.00
Washington	6.00	50.00
White Enchantress	4.00	30.00
White Perfection	3.00	25.00
White Wonder	6.00	50.00
Winsor	3.00	25.00
St. Nicholas	12.00	100.00
Comfort	6.00	50.00
Brooklyn	12.00	100.00
Dorothy Gordon	4.00	35.00
Pennsylvania	3.50	30.00

S. S. PENNOCK-MEEHAN CO.,
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CARNATION ROOTED CUTTINGS.
If you have cool house in which to keep them you can make your carnations pay you ⅓ more by getting your stock early. The following are the best paying varieties for the grower on the market today. Our stock is strictly first-class in every respect. Instructions to care for plants with every order.

	100	1000
Light Pink Enchantress	$3.00	$25.00
Dark Pink Enchantress	3.00	25.00
Pure White Enchantress	3.00	25.00
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Mrs. C. W. Ward, pink	3.00	25.00
White Wonder	6.00	50.00

250 at 1000 rate. Cash or reference.
Smith & Gannett, Geneva, N. Y.

CARNATION ROOTED CUTTINGS.
Best cuttings obtainable, from strong, vigorous plants.

	100	1000
White Wonder	$6.00	$50.00
Gloriosa	6.00	50.00
Rose-pink Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
Lawson-Enchantress	2.50	20.00
White Perfection	3.00	25.00
Sangamo	3.00	25.00
Victory	3.00	25.00

2 and 2¼-in. pot plants, $5.00 per 100 extra.
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CARNATION CUTTINGS.
Clean, healthy and well rooted stock.

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Gloriosa	6.00	50.00
Dorothy Gordon	4.00	35.00
Pink Delight	5.00	40.00
Beacon	4.00	30.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00

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Strong, clean, healthy stock.

Enchantress	$25.00 per 1000
Rose-pink Enchantress	25.00 per 1000
White Enchantress	25.00 per 1000
Dorothy Gordon	25.00 per 1000
Scarlet Glow	25.00 per 1000
O. P. Bassett	25.00 per 1000
Beacon	25.00 per 1000
White Wonder	50.00 per 1000
Washington	50.00 per 1000
Bright Spot	50.00 per 1000

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Beacon	4.00	30.00
Gloriosa	6.00	50.00
Dorothy Gordon	4.00	30.00
Enchantress	3.00	25.00
Mrs. Ward	4.00	30.00
May Day	2.00	25.00
Rose-pink Enchantress	3.00	25.00
Scarlet Glow	3.00	25.00
Victory	3.00	25.00
White Enchantress	3.00	25.00

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Immediate Delivery.

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Dorothy Gordon	4.00	35.00
White Perfection	3.50	30.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
Beacon	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Winsor	2.50	20.00

Thompson Carnation Co., Joliet, Ill.

ROOTED CARNATION CUTTINGS.

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White Enchantress	$3.50	$30.00
Mrs. Ward	3.50	30.00
Alma Ward	3.50	30.00
Beacon	3.50	30.00
Enchantress	3.00	25.00
White Perfection	3.00	25.00
Winona	3.00	25.00

Absolutely no disease, rooted cool.
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ROOTED CARNATION CUTTINGS.

Enchantress	$2.00 100;	$18.00 1000
Pure White Enchantress	2.00 100;	18.00 1000
Rose-pink Enchantress	2.00 100;	18.00 1000
Sangamo	1.75 100;	15.00 1000
May Day	1.75 100;	15.00 1000
Winsor	1.50 100;	12.50 1000
M. A. Patten	1.50 100;	12.50 1000

Cash or C. O. D.
MILLER BROTHERS.
(Formerly John H. Miller)
5558 N. Lincoln St., Chicago.

Rooted cuttings of carnations for immediate and future delivery, guaranteed to give satisfaction.

White Enchantress	$3.00 100;	$25.00 1000
Enchantress	3.00 100;	25.00 1000
Beacon	3.00 100;	25.00 1000
Victory	3.00 100;	25.00 1000
Mrs. C. W. Ward	3.00 100;	25.00 1000
Dorothy Gordon	3.00 100;	25.00 1000
Rose-pink Enchantress	3.00 100;	25.00 1000

Chas. Knopf Floral Co., Richmond, Ind.

ROOTED CARNATION CUTTINGS.

	100	1000
Enchantress	$3.00	$25.00
Rose-pink Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Beacon	3.00	25.00
May Day	3.00	25.00
Winsor	2.50	20.00
White Perfection	3.00	25.00

Cool grown, strong, well rooted cuttings.
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IMMEDIATE DELIVERIES.
Wodenethe, the greatest white, and Brooklyn, an absolutely reliable cerise pink, $12.00 per 100; $100.00 per 1000.
Princess Charming, White House, White Wonder and Gloriosa, $6.00 per 100; $50.00 per 1000.
Winsor, Harlowarden, Sangamo, Mrs. Patten and White Perfection, $3.00 per 100; $25.00 per 1000.
Chas. H. Totty, Madison, N. J.

CARNATION ROOTED CUTTINGS.

	100	1000
White Wonder	$6.00	$50.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
Beacon, Victory	3.00	25.00
May Day, Enchantress	3.00	25.00
Princess Charming	6.00	50.00
R. P. Enchantress, Harlowarden	3.00	25.00

Clean, healthy and well rooted. Cash, please.
Riverside Floral Co., Muncie, Ind.

ROOTED
CARNATION CUTTINGS.
MRS. C. W. WARD.
ALMA WARD.
$3.50 per 100.
$30.00 per 1000.
READY FOR DELIVERY NOW.
Also all standard varieties.
THE LEO NIESSEN CO.,
12TH & RACE STS., PHILADELPHIA, PA.

ROOTED CARNATION CUTTINGS
Get the very best from the best place. Our carnation cuttings are not over propagated weak stock, but healthy, strong cuttings. You'll be glad when you get them and happy when they bloom. White Perfection, Pure White Enchantress, Beacon, Mrs. C. W. Ward, Dorothy Gordon, Alma Ward, $3.00 per 100; $25.00 per 1000. Enchantress, $15.00 per 1000.
C. C. Pollworth Co., Milwaukee, Wis.

Princess Charming	$50.00 per 1000
White House	50.00 per 1000
White Enchantress	25.00 per 1000
Rose-pink Enchantress	25.00 per 1000
Enchantress	25.00 per 1000
Winsor	20.00 per 1000

All cuttings, well rooted side shoots. Cash with order from unknown parties. 5% discount when cash accompanies order.
Alex A. Laub, New Hamburgh, N. Y.

ROOTED CARNATION CUTTINGS.

	100	1000
White Enchantress	$3.00	$25.00
White Perfection	3.00	25.00
Beacon	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Enchantress	2.50	20.00

Cash with order.
J. Blechschmid, 4300 E. 122nd St., Cleveland, O.

Rose-pink Enchantress	$25.00 per 1000
Winsor	20.00 per 1000
Melody	20.00 per 1000
White Lawson	20.00 per 1000
Harlowarden	20.00 per 1000
Carnegie	18.00 per 1000

Cash, please. Satisfaction guaranteed.
EHMANN'S, CORFU, N. Y.

Carnations. Enchantress, now ready, $2.00 per 100; $18.00 per 1000. White Enchantress, $2.50 per 100; $20.00 per 1000. Princess Charming, $5.00 per 100. May Day, $2.50 per 100.
Jas. Wheeler, Florist, Natick, Mass.

Carnations, January 1. Enchantress, Rose-pink Enchantress and Pure White Enchantress, well rooted, from strong healthy plants, $2.50 per 100; $20.00 per 1000. Cash.
Daut Bros., 112 E. Prairie, Decatur, Ill.

Strong, well rooted carnation cuttings. Winsor and Victory, $2.00 per 100; $15.00 per 1000. White Perfection, $2.50 per 100; $20.00 per 1000. Mrs. C. W. Ward, $3.00 per 100. Cash or C. O. D.
Northwestern Floral Co., Gross Point, Ill.

Carnation rooted cuttings. Beacon, $3.00 per 100, $25.00 per 1000; Enchantress, Rose-pink, White Enchantress and White Perfection, $2.50 per 100; $20.00 per 1000.
Scharff Bros., Van Wert, O.

Carnation White Wonder, fine, strong rooted cuttings, $6.00 per 100; $50.00 per 1000. Cash with order.
Hillsborough Nurseries, Burlingame, Calif.

Healthy, well rooted carnation cuttings. Winsor. Light-pink Enchantress, White Perfection, Queen, $2.00 per 100; $18.00 per 1000.
B. J. Blameuser, Niles Center, Ill.

Fine lot of strong, well rooted Enchantress cuttings, $2.50 per 100; $20.00 per 1000. Special price on large lots.
Paul E. Weiss, Maywood, Ill.

Enchantress, White Enchantress, Lawson-Enchantress, rooted cuttings, $3.00 per 100; $25.00 per 1000. Cash.
Loyd C. Bunch, Fredonia, Kan.

Mrs. C. W. Ward carnation, $3.00 per 100; $27.50 per 1000.
W. Frank & Sons, Portland, Indiana.

CARNATIONS—Continued.

Carnation rooted cuttings. Enchantress, White Enchantress, Winsor, Beacon, $3.00 per 100.
Marine City Floral House, Marine City, Mich.

Rooted carnation cuttings. Rose-pink, Light Pink and White Enchantress, $20.00 per 1000.
Stephen Hyde, Carthage, Mo.

Write Locust Street Greenhouses, Oxford, Pa., for price list of well rooted cuttings.

CHRYSANTHEMUMS.

FINE MUM STOCK PLANTS.
READY FOR SHIPMENT.
$4.00 per 100.
Cash with order.

Oct. Frost	Mrs. O. H. Kahn
A. J. Balfour	Pockett's Crimson
Beatrice May	Yellow Miller
Col. Appleton	T. Eaton
Dolly Dimple	Miss C. Frick
Glory Pacific	Polly Rose
Pacific Supreme	Pink Globe
Monrovia	Major Bonnaffon
	White Bonnaffon

Hayman Greenhouse Co., Clarksburg, W. Va.

CHRYSANTHEMUM STOCK PLANTS
50c per doz.; $3.00 per 100.

Pacific Supreme	
Mrs. Weeks	Bonnaffon
White Ivory	Merry Jane
Pink Ivory	Col. Appleton
Touset	Mayor Weaver
White Eaton	Yellow Eaton
October Frost	J. Nonin
	Patty, 5c

Erie Floral Co., Erie, Pa.

A NEW SINGLE CHRYSANTHEMUM.
MARY COLLADAY.
A seedling of Garza, extremely free and excellent keeping qualities. Color a rich rose lavender pink and Garza in size and form. Strong 2¼-in. stock, $4.00 per doz.; $25.00 per 100.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

$3.50 per 100; 60c per doz., cash with order, for the following stock plants: Golden Glow, October Frost, Opah, Estelle, Gloria, Halliday, Robinson, Mrs. Weeks, Alice Byron, Wm. Duckham, Pres. Taft, Honesty, Philadelphia, White and Yellow Bonnaffon, Trainor Park, Golden Wedding, Dr. Enguehard, John Burton, Jeanne Nonin, Yanoma. The Newburys, Mitchell, S. D.

CHRYSANTHEMUM STOCK PLANTS.
Extra strong clumps.
Golden Glow, Pres. Taft, Donatello, Elise Papworth, Maj. Bonnaffon, Dr. Enguehard, Pink and White Ivory, $4.00 per 100. Minta, the new Enchantress colored pink pompon, $8.00 per 100.
Zieger & Sons, Germantown, Phila., Pa.

Extra strong 2-in. plants of the finest and earliest white chrysanthemum, Smith's Advance, $1.25 per doz., $10.00 per 100; rooted cuttings from soil, $8.00 per 100. Chrysanthemum Glen Cove, a 1911 novelty, an extra large pink; strong 2-in. plants, 25c each, $2.00 per doz.
Jos. F. Klimmer Estate, Forest Park, Ill.

Pompon chrysanthemum Diana, the best double white pompon, surely a moneymaker for the commercial florist. Stock plants, $4.00 per 100; rooted cuttings, $1.00 per 100, or will exchange for bedding plants.
C. P. Bethards, Florist, Springfield, O.

Chrysanthemum cuttings for early delivery. Golden Chadwick, W. H. Chadwick, Yellow Eaton, White Eaton, W. T. Brock (incurved Thanksgiving pink), $2.50 100; $20.00 1000. All other varieties at market prices.
R. J. Irwin, 3097 Broadway, New York, N. Y.

"CHRYSANTHEMUMS FOR THE MILLION."
A record of notes on the culture of the chrysanthemum, by growers situated in every section of the United States, with an introduction by the author, C. H. Totty. Price, 25c.
Chas. H. Totty, Madison, N. J.

Chrysanthemums. Smith's Advance, the peerless early white chrysanthemum. Rooted cuttings, tips only, $5.00 per 100. 500 stock plants of Nagoya, one of the best late yellows, $5.00 per 100. Maurice J. Brinton, Christiana, Pa.

Chrysanthemum stock plants. G. Glow, Crocus, Gloria, Enguehard, Oct. Frost, Polly Rose, 50c per doz.; $3.00 per 100, or will exchange for any stock I can use.
H. S. McClenahan, Oklahoma City, Okla.

Chrysanthemum stock plants. Y. Bonnaffon, Col. Appleton, Halliday, Dr. Enguehard, Honesty, cash or exchange, 50c per doz.; $2.50 per 100.
R. E. Rathbun, Sioux City, Iowa.

Chrysanthemum rooted cuttings, Enguehard (pink), Bonnaffon (yellow), Nonin (white), $2.00 per 100; $17.50 per 1000.
Albert M. Herr, Lancaster, Pa.

Stock plants of White Bonnaffon and Jeanne Nonin, the best whites, $2.50 per 100. Cash with order, please.
Harry S. Pearce, Pontiac, Mich.

We have 5000 Smith's Advance chrysanthemum rooted cuttings ready to ship at $5.00 per 100. Cash with order. You had better hurry.
The Newburys, Mitchell, S. D.

5000 strong stock plants of Dr. Enguehard and Willowbrook, $1.50 per 100. Cash.
Ernsberger Bros., Celina, O.

Chrysanthemums, best commercial varieties. Rooted cuttings, $10.00 per 1000. Orders booked.
McRae-Jenkinson Co., Cheswick, Pa.

Chrysanthemum stock plants, strong. Mrs. Parr, Pres. Roosevelt, Helen Frick, $3.00 per 100.
Mercer Floral Co., Bowling Green, O.

Chrysanthemum stock plants. Smith's Advance, 25c each; Golden Glow, 10c each.
Eli Cross, 25 Monroe, Grand Rapids, Mich.

Stock plants of yellow Garza, new, at 50c each., $5.00 per doz.
Jacob Russler, 114th and Avon, Morgan Park, Ill.

CINERARIAS.

Cinerarias. Vaughan's Columbian, James' Prize, Matchless Dwarf, azure blue, white, blood red and old rose, 3-in., ready for 4-in., $4.00; 4-in., in bud, $8.00; 5-in., in bud, $15.00 per 100. Fine, clean stock. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Cinerarias, Columbian mixture, strong 2½ and 3-in., $2.50 and $4.00 100. Cash, please.
Rober & Radke, Maywood, Ill.

Cinerarias, finest large flowering dwarf hybrids, in mixture, established in 3-in. pots, $4.00 per 100. Cash. Russell Bros., R. 4, Syracuse, N. Y.

Cinerarias for Easter, 2-in. pots, $2.00 per 100. John Irvine & Sons, Bay City, Mich.

Cinerarias, choice mixed, 3-in., ready for 4-in., 4c. Hammerschmidt & Clark, Medina, O.

Cinerarias, strong, well grown 3-in., 4c.
M. S. Wiecking Co., Bluffton, Ind.

Cinerarias. The largest flowers. See display adv. J. W. Miller, Shiremanstown, Pa.

COBAEAS.

Cobaea scandens seed, $2.00 per lb. postpaid.
J. A. McDowell, Ap. 167, Mexico City, Mex.

COLEUS.

Coleus, $4.00 per 1000; 60c per 100 by mail. 100,000 good, strong, clean, well rooted cuttings now in sand. We are the largest growers of coleus cuttings in the world. Over 1,000,000 sold in a season. Verschaffeltii, Golden Bedder, Queen Victoria, Firebrand and all other leading varieties. Come and see them. Cash with order. C. Schulze & Son, 261-75 Lawrence, Flushing, L. I., N. Y.

Coleus rooted cuttings, including the new large leaved varieties, $6.00 per 100. Cash with order. See my cyclamen, Godfrey calla and rooted ageratum advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

Coleus, standard varieties, including Verschaffeltii, Golden Bedder, 2-in., $2.00 per 100; $18.50 per 1000. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Coleus. Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.
Storrs & Harrison Co., Painesville, O.

200 finest 2½-in. stocky coleus in U. S., and 100 R. C., trailing, all for $5.00. Guaranteed worth double. J. F. Sked, Westerville, Ohio.

Coleus, 47 varieties, R. C., 60c per 100, $5.00 per 1000; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Coleus, strong, clean 2-in., $2.00 per 100; Verschaffeltii rooted cuttings, $6.00 per 1000. Cash, please. Rudolf Nagel, Lancaster, Pa.

Coleus rooted cuttings, 50c per 100, cash.
Truitt's Greenhouses, Chanute, Kan.

Coleus R. C., best varieties, 75c per 100.
John Irvine & Sons, Bay City, Mich.

Coleus rooted cuttings, 15 varieties, $5.00 per 1000. U. G. Harglerode, Shippensburg, Pa.

Coleus, 6 good vars. R. C., 60c 100; $5.00 1000.
McRae-Jenkinson Co., Cheswick, Pa.

Coleus, best collection in the U. S.
Albert M. Herr, Lancaster, Pa.

CROTONS.

Croton aurea maculata, 3-in. pot plants, $8.00 per 100.
Storrs & Harrison Co., Painesville, O.

CUPHEAS.

Cupheas (cigar plant), R. C., 70c per 100.
John Irvine & Sons, Bay City, Mich.

CYCLAMEN.

150,000 giant cyclamen seedlings. We claim the finest commercial strain in this country. Mr. A. Hange, Birmingham, Ala., says, "I planted 100 of your seedlings last year (1910) in comparison with 2500 of from so-called unrivalled, high priced English strains, but yours outgrew them." Transplanted August seedlings, $3.00 per 100; $25.00 per 1000; 3, 4, 5 and 6-in. plants, now blooming, from 10c to 75c each. Cash with order. See my Godfrey calla, rooted ageratum and coleus advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

LOADED WITH BLOOM.
Christmas buyers of our beautifully flowered cyclamen were greatly pleased and many customers re-ordered several times. We have a few hundred left, choice plants, exceptionally showy, at 25c, 35c, 50c, 75c, $1.00 and $1.50 each. Try an assorted dozen and see their value.
Gullett & Sons, Lincoln, Ill.

CYCLAMEN.

5-in.	$20.00 per 100
4-in.	10.00 per 100
3-in.	7.00 per 100

This is the noted Winterich strain; plants in good shape, we must reduce our stock.
Swan Peterson Floral Co., Gibson City, Ill.

Cyclamen my specialty. Extra quality 5-in., $6.00 to $9.00 doz.; 6-in., $9.00 to $12.00 doz.; specimens, $1.50 to $2.00 each.
R. J. Southerton, Cyclamen Specialist,
Highland Park, Ill.

Cyclamen seedlings, giant flowering strain, $3.50 per 100, $30.00 per 1000; 2½-in., $5.00 per 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Cyclamen giganteum, transplanted August seedlings, best strain, separate colors, $2.50 per 100; $20.00 per 1000 prepaid.
Wm. Eschrich Co., North Milwaukee, Wis.

We have a fine lot of cyclamen seedlings, very good imported strain, to offer in 6 separate vars., $1.50 per 100; $12.50 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Strong, healthy, large flowering cyclamen seedlings, 12 varieties, $2.00 per 100. Cash with order.
E. Friederichsen & Sons, Wilton Jct., Ia.

Cyclamen, red and good mixed, seed of good German strain, 2¼-in., $4.00 per 100; 3-in., $6.00 per 100. Schmidt & Botley Co., Springfield, O.

Cyclamen, best giant, mixed colors, 2¼-in., $4.00 per 100; 3-in., $6.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

1000 large flowering mixed cyclamen in 2½-in., 3c, to clean up.
U. G. Harglerode, Shippensburg, Pa.

Cyclamen, full of buds, 3-in., $6.00; 4-in., $12.00 per 100. Get ready for Easter. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen persicum.
J. Hasslach, St. Remy de Provence, France.

Cyclamen giganteum, 4-in., 10c.
M. S. Wiecking Co., Bluffton, Ind.

Cyclamen giganteum. See display adv.
J. W. Miller, Shiremanstown, Pa.

DAHLIAS.

WHOLESALE LIST FOR 1912
NOW READY
Separated stock and clumps. We use no slips or sprouts for propagation; stock all grown from tubers, insuring strong roots.
J. L. MOORE
Northboro Dahlia & Gladiolus Gardens
NORTHBORO, MASSACHUSETTS

Clifford Bruton, $5.00 per 100; yellow, mixed dahlias, $5.00 per 100. Clifford A. Bruton, Sylvia, Catherine Duer, Jack Rose, Perle or Queen Victoria, A. D. Livoni in the mixed ones, all good for cuttings for the wholesale market, 75c doz. Cash with order.
Ralph Hornor, Mt. Holly, N. J.

EAST BRIDGEWATER DAHLIA GARDENS have 104 up-to-date kinds of the best cut flower varieties, over 750,000 clumps at right prices. Send your wants to
J. K. ALEXANDER,
The Dahlia King, E. Bridgewater, Mass.

Dahlias. Blushing Beauty, best cut flower kind, shrimp pink, nearly white; div. roots, $5.00 100. Wm. Ross, best red to date, $20.00 100. J. W. Ross Co., Centralia, Ill.

Dahlias, named sorts. Divided roots, $1.25 per 100; $10.00 per 1,000.
C. W. Hoffman, R. 13, Dayton, O.

Dahlias. Choice field-grown roots; either whole clumps or divided. Very low prices on surplus.
Ford Seed Co., Dept. 86, Ravenna, O.

DAISIES.

Marguerites. Queen Alexandra, Nicholson's White, Soleil d' Or, 2½-in., $3.00; 3½-in., $6.00 per 100. Queen Alexandria, 4½-in., $10.00; 6-in., $25.00 per 100. Bushy stock ready for a shift or immediate flowering. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Yellow marguerites, winter flowering. Guaranteed healthy stock out of 2½-in. pots, $5.00 per 100; 4-in. pots, 10c, $10.00 per 100. Sample by mail, 10c.
James Crawshaw, Depot Ave., Barrington, R. I.

Daisies. Mrs. F. Sander, new double. Strong plants, 2¼-in., $4.00 per 100. White marguerites, 2¼-in., $2.00 per 100; 3-in., $4.00 per 100. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Marguerite Mme. Gailbert, 3-in., strong, beginning to branch freely, will give plenty of cut flowers, $4.00 per 100; 2-in., $2.50 per 100. You will need some of these this spring. Cash, please.
Harry Tredway, 214 Clayton, Dayton, O.

Daisies (Chrysanthemum maximum), fine for cutting. Strong divisions, right from 5-in. pots, $2.00 per 100; $15.00 per 1000. Cash with order.
W. A. Finger, Hicksville, L. I., N. Y.

NEW DOUBLE MARGUERITE, MRS. F. SANDER, a good variety, free and easy grower. Strong plants, 2-in.-pots, $5.00 per 100; $40.00 per 1000.
S. J. Reuter & Son, Inc., Westerly, R. I.

Daisies. New double marguerite, Mrs. Sander, 2¼-in., $8.00 per 100; Coronation, Mme. Gailbert, Etoile d'Or and blue daisy, $2.50 per 100.
Schmidt & Botley Co., Springfield, Ohio.

Marguerite R. C., winter flowering, 75c per 100; 2¼-in., $3.00. Bellis, double, large flowering, 50c per 100; $4.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Winter flowering yellow marguerites, the right kind; unrooted, $2.00 per 100; rooted, $4.00 per 100. Cash. A. E. Monroe, Wellesley Farms, Mass.

Marguerites, Queen Alexandra; strong stock, $1.25 per 100 by mail.
S. W. Pike, St. Charles, Ill.

The new double daisy, F. Sander, from 2¼-in. pots, $5.00 per 100; $45.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Daisies, Paris. Rooted cuttings, giant yellow and white, $1.00 per 100; 2-in., 2c.
Byer Bros., Chambersburg, Pa.

Queen Alexandra marguerites, 2½-in., $2.00 per 100. Cash. C. A. Musser, Doylestown, O.

Yellow daisies, 2½-in., $2.50 per 100.
Willis W. Kinyon, South Bend, Ind.

Daisies, 2½-in., 2c; 4-in., 4c; 5-in., 6c. Cash.
Truitt's Greenhouses, Chanute, Kan.

Marguerite daisies, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, Ohio.

DRACAENAS.

Dracaena indivisa, extra strong 2¼-in., $2.00 per 100; $18.50 per 1000. Must move soon as they need transplanting. All good stock.
P. Pearson, 5734 Gunnison St., Chicago.

Dracaena indivisa, strong 2¼-in., $2.25 per 100; strong 3-in., $4.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Dracaena indivisa, 2¼-in., $3.00 per 100; 3-in., $5.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

Dracaena indivisa. Strong 5-in. pot plants, 10c; 3-in., $3.00 per 100. Buy now.
Wm. Eschrich Co., North Milwaukee, Wis.

Dracaena terminalis, fine young 2½-in. stock, $10.00 per 100.
Julius Roehrs Co., Rutherford, N. J.

3000 Dracaena indivisa. Good strong 2¼-in., 2½c., 3-in., 5c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dracaena indivisa, 3-in., $5.00 per 100; $40.00 per 1000. L. Potter & Sons, Waukegan, Ill.

Dracaena indivisa, 3-in., 5c each.
Willis W. Kinyon, South Bend, Ind.

FERNS.

FERNS MY SPECIALTY
ASSORTED FERNS FOR FERN DISHES, strong 2¼-in. stock in hardiest and best varieties, $3.00 per 100; $25.00 per 1000.
CIBOTIUM SCHIEDEI. Grandest stock ever offered of this most magnificent fern, 3-in., $3.50 per doz., $25.00 per 100; 4-in., $5.00 per doz., $40.00 per 100; 8-in., $2.25; 9-in., $3.50; 10-in., $4.50; 12-in., $6.50 each.
ADIANTUM CROWEANUM, 4-in., $2.00 per doz.; $15.00 per 100.
ADIANTUM CUNEATUM, 2¼-in., $3.50 per 100, $30.00 per 1000; 4-in., nice full plants, $12.00 per 100.
ADIANTUM FARLEYENSE, 4-in., $5.00 per doz.; $40.00 per 100.
ADIANTUM REGINAE and RHODOPHYLLUM, splendid 4-in. stock, $4.50 per doz., $35.00 per 100.
ASPARAGUS PLUMOSUS NANUS, 2¼-in., $3.00 per 100; $25.00 per 1000.
ALSOPHILA AUSTRALIS, a very pretty tree fern, 7-in., $1.50; 10-in., $4.00 each.
J. F. ANDERSON,
Fern Specialist. Short Hills, N. J.

Ferns for dishes, assorted varieties. Strong, healthy plants from 2¼-in. pots, $3.00 per 100, $25.00 per 1000; 3-in., $6.00 per 100, $55.00 per 1000; 4-in., $12.00 per 100.
Boston ferns, 8-in., $1.25 each; 7-in., $1.00 each, $10.00 per doz.; 6-in., 50c each.
Whitmani, 8-in., $1.50 ea; 7-in., $1.00; 6-in., 50c and 75c each.
Scottii, 7-in., $1.00 each; 6-in., 50c each.
Kentia Belmoreana, 2¼-in., $10.00 per 100; 3-in., $15.00 per 100; 4-in., $30.00 per 100; 5-in., $8.00 per doz.
Cocos Weddeliana, 2¼-in., $10.00 per 100.
Asparagus plumosus nanus, 2¼-in., $3.00 per 100; 3-in., $5.00 per 100.
Asparagus Sprengeri, 2¼-in., $2.50 per 100.
Frank N. Eskesen, Madison, N. J.

FERNS FOR IMMEDIATE DELIVERY.
EXTRA GOOD QUALITY STOCK.
BOSTON.

	100		100
4-inch	$10.00	8-inch	$80.00
5-inch	25.00	9-inch	each, 1.25
6-inch	40.00	10-inch	each, 1.50
7-inch	60.00	12-inch	each, 2.00

WHITMANI.

	100		100
6-inch	$45.00	8-inch	$80.00

ASPARAGUS.
3-in., $6.00 per 100.
R. R. DAVIS CO., MORRISON, ILL.

Ferns. Handsome stock. Boston, Whitmani, Elegantissima compacta, Sprinfieldii, Amerpohlii, Scholzeli. Rooted runners, $1.80 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c. Sample sent for 25c. Satisfaction guaranteed. Ferns are grown at Cleveland, Ohio, plant. 60,000 feet of modern glass devoted to ferns and asparagus. Special prices on large quantities for cash only.
Schneider, Florist, Springfield, Ohio.

FERN BARGAINS.

Boston runners, strong	$15.00	1000
Boston, 2¼-in.	30.00	1000
Amerpohlii, 4-in.	10.00	100

Cash with order.
The above stock is strictly clean and strong.
J. T. Cherry, Athens, Ill.

Nephrolepis exalta Bostoniensis. Booking orders now. Fine, strong runners, $10.00 per 1000. Nephrolepis exaltata, same price as above. Nephrolepis davallioides furcans, strong runners, $2.50 per 100. J. J. Soar, Little River, Fla.

Ferns, Good, strong pot-grown Amerpohlii, Elegantissima, Piersoni, Boston and Superbissima, 3-in., $7.00 per 100; 4-in., $12.00 per 100, $110.00 per 1000; 5-in., $18.00 per 100. This is all excellent stock and worth more money but I must have room.
Andrew Peterson, Hoopeston, Ill.

Boston ferns, 6-in. pots, 45c ea., $40.00 per 100. Whitmani ferns, 4-in., 20c ea., $15.00 per 100; 5-in., 30c ea., $25.00 per 100; 6-in., 45c ea., $40.00 per 100; 7-in., 60c ea., $55.00 per 100; 8-in., 75c ea., $70.00 per 100. Ficus elastica, 35c, 50c and 75c ea. Cash, please.
Queen City Floral Co., Manchester, N. H.

TABLE FERNS in best mixed varieties, from 2¼-in. pots, $30.00 per 1000; 250 at same rate. I have a large stock to select from. Sure to please. All out of town orders are cash with order, please.
B. SOLTAU FERNERY,
2109 Grant Ave., Jersey City, N. J.

FERNS FOR JARDINIERES for immediate use. Bushy, well grown plants, 6 to 8 best varieties, from 2¼-in. pots, $3.00 per 100; $25.00 per 1000.
COCOS WEDDELIANA, 2¼-in. pots, right for centers, $10.00 per 100.
Thos. P. Christensen, Short Hills, N. J.

Small ferns for dishes. Pteris Mayii, serrulata cristata variegata, Wimsetti, cretica albolineata, $3.00 per 100; $25.00 per 1000.
Aspidium tsussimense and Cyrtomium falcatum, $3.50 per 100; $30.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Ferns. Boston and some Whitmani, bench grown, out of 4-in. at time of planting, which we must dispose of immediately, including runners. Let us make you an offer.
Wellworth Farm Greenhouses, Downers Grove, Ill.

ROOSEVELT FERN IS A WINNER.
2½-in. .....$2.00 per doz.; $15.00 per 100
3-in. ..... 2.50 per doz.; 17.50 per 100
F. O. B. West Grove.
Conard & Jones Co., West Grove, Pa.

Ferns for dishes, transplanted, ready for potting, five varieties, $1.00 per 100; $9.00 per 1000. Strong plants, 2-inch, $3.00 per 100, $25.00 per 1000. Cash, please.
Rober & Radke, Maywood, Ill.

Ferns. Extra fine 3-in., short and clean Whitmani, 6c; Bostons, 5½c. They are good. We must have the room. Cash, please.
E. A. Johannes, Rockford, Ill.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. 500 at 1000 rate. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

Boston and Whitmani ferns, 3-in., $7.00 per 100; 4-in., $12.00 per 100. Good strong stock ready to shift.
Momence Greenhouse, Momence, Ill.

Boston ferns, fine stock for 6-in., 25c. Orders booked now for Boston and Whitmani, young stock, $20.00 per 1000. Cash.
A. E. Monroe, Wellesley Farms, Mass.

Boston ferns for immediate delivery. Strong stock, 2¼-in., $4.00 per 100; 3-in., $7.00 per 100; 4-in., $10.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Boston ferns, 5-in., $25.00 per 100; 6-in., $40.00 per 100. These were potted in September and are good, strong, well grown plants.
Crown Point Floral Co., Crown Point, Ind.

Boston ferns, 4-in. pots, ready for 6-in., good, strong plants, 25c each.
Calvert Floral Co., Lake Forest, Ill.

If you need anything in Boston or Whitmani ferns be sure and ask for our price list.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Bench ferns. Elegantissima, Amerpohlii, Scholzeli, 3, 4 and 5-in., 6c, 10c, 12c. Cash.
Byer Bros., Chambersburg, Pa.

Good, strong, healthy Boston ferns, to make room, 16c. Cash with order.
C. C. Walker, 1223 Logan Ave., Danville, Ill.

Boston ferns, strong runners, $10.00 per 1000. Write for special prices on 5,000 to 20,000 lots.
F. M. Soar, Little River, Fla.

Ferns. Boston, pot-grown, fine stock, 3-in., $7.50 100; 4-in., $15.00 100; 5-in., $20.00 100.
Swan Peterson Floral Co., Gibson City, Ill.

Ferns for dishes, good assortment, 2-in. pots, $3.00 per 100.
John Irvine & Sons, Bay City, Mich.

Boston ferns, grown for our own use but have too many; 5-in., 35c; 6-in., 50c; $6.00 per doz.
D. R. Herron, OLEAN, N. Y.

Table ferns, in good varieties, out of 2¼-in. pots, $3.00 per 100. Cash, please.
J. H. Flesser, Guttenberg, N. J.

Ferns for dishes, 2¼-in., strong, 6 good sorts, $3.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

Whitmani, Bostoniensis and Piersoni ferns, 4-in., 15 ea.; 5-in., 25c ea.; 6-in., 50c ea.
Koerbel Bros., Jeanette, Pa.

Boston ferns, 4-in., $12.50 100.
J. W. Ross Co., Centralia, Ill.

Boston ferns, 2½-in. stock, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Boston fern runners, 2 to 4 leaves, $2.00 per 100. P. Pearson, 5734 Gunnison St., Chicago.

Boston ferns, just right for holiday work, 4-in., 15c; 5-in., 25c. Baur Floral Co., Erie, Pa.

Whitmani ferns out of 4-in., fine plants, $10.00 per 100. J. C. Schmidt, Bristol, Pa.

Boston ferns, 4-in., 8c. Sprengeri, 4-in., 5c.
Roney Bros., West Grove, Pa.

FEVERFEW.

650 2-in. feverfew now ready for shift. Excellent plants at 2c. Cash.
R. P. Atwell, Florist, Fort Dodge, Iowa.

Feverfew, 2½-in., 2½c; 3-in., 4c. Cash.
Truitt's Greenhouses, Chanute, Kan.

Feverfew, large double white, $1.00 100, prepaid. Chas. Frost, Kenilworth, N. J.

Feverfew Gem R. C., $1.00 per 100; 2-in., 2c. Cash. Byer Bros., Chambersburg, Pa.

FORGET ME NOTS.

Forget-me-nots E. Fonrobert. Well rooted cuttings, ready for 2½-in. pots, $1.50 per 100; $8.00 per 1000—not less than 500 at 1000 rate. Best kind for forcing and none better for outdoor planting. W. A. Finger, Hicksville, L. I., N. Y.

FUCHSIAS.

Fuchsias, 5 best varieties. Little Beauty, true; Renan, White Beauty, Lord Byron, Tenuer, 2¼-in., $4.00 per 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Fuchsia Little Beauty, the true stock, best fuchsia extant, 2¼-in., $4.00 per 100; $35.00 per 1000. 250 at 1000 rate.
Baur Floral Co., Erie, Pa.

Fuchsias, six best varieties. Strong 3-in., full of cuttings, 5c each. Bargain. Cash.
Bell Floral Co., Franklin, Pa.

Fuchsias, best market sorts, 2-in. pots, $2.00 per 100.
John Irvine & Sons, Bay City, Mich.

Finest double fuchsias, dwarf habit. Strong, well-rooted cuttings, $1.00 100; $8.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Fuchsia rooted cuttings. Black Prince and other good sorts, $1.00 per 100; $10.00 per 1000.
G. E. Fink, Kenilworth, N. J.

Fuchsias, assorted vars. R. C., $1.00 100. Cash. McRae-Jenkinson Co., Cheswick, Pa.

GENISTAS.

Genista racemosa, 6-in. pot plants, $25.00 per 100; very heavy 4-in. pot plants, $15.00 per 100.
Storrs & Harrison Co., Painesville, O.

Genistas. R. C., $1.50 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

GERANIUMS.

	R. C. 1000	2¼-in. 1000
S. A. Nutt	$12.00	$18.00
Montmort	12.00	18.00
Double White	12.00	18.00
De France	14.00	22.50
Ricard	14.00	22.50
Viaud	14.00	22.50
Poitevine	15.00	25.00

Rose geraniums, 2¼-in., $2.00 per 100.
Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses, Dayton, O.

GERANIUMS.
2½-in. .....$20.00 per 1000
Rooted cuttings ..... 12.50 per 1000
We have the following varieties: Nutt, Ricard, Poitevine, Jean Viaud, Gloire de France, Perkins, La Favorite, Grant, Mme. Landry, Col. Thomas, Conover and several others. Send your orders now. Terms cash, please.
Swan Peterson Floral Co., Gibson City, Ill.

ROOTED GERANIUM CUTTINGS.
Strictly A1 stock of the following superb bedders: S. A. Nutt (greatest dark red), Double Grant (most satisfactory scarlet bedder), Mme. Buchner (only dble. white), $1.50 per 100; $14.00 per 1000. Beaute Poitevine (salmon), $1.75 per 100; $16.00 per 1000. Order now and get prompt delivery. W. T. Buckley Co., Springfield, Ill.

Geraniums, good stock now ready. Nutt, Jean Viaud, 2½-in., $2.50 100; $22.50 1000. Booking orders on La Favorite, Perkins, Harrison, Redfield, Poitevine for later delivery. Mme. Sallerol, 2-in., $2.00 100, $18.00 1000; 500 at 1000 rate. Cash, please.
Rober & Radke, Maywood, Ill.

Geranium rooted cuttings. Ricard, Poitevine, Viaud, $14.00 1000; $1.50 100. Hill, Nutt, $12.00 1000; $1.25 100. From 2¼-in., Ricard, Poitevine, $24.00 1000; $2.50 100; Hill, $22.00 1000; Nutt, $18.00 1000, $2.00 100. Cash, please.
Jas. Ambacher, West End, N. J.

We have 20,000 extra fine, well rooted Ricard, S. A. Nutt, J. Viaud, Buchner, Poitevine, Sallerol, etc., in 2¼ and 2½-in. pots, at $20.00 per 1000, $2.25 per 100; S. A. Nutt and mixed, $18.00 per 1000. Can ship promptly.
Quaker Hill Nurseries, Monroe, N. Y.

GERANIUM ROOTED CUTTINGS.

S. A. Nutt	$11.50 per 1000
Ricard	14.00 per 1000
Poitevine	14.00 per 1000

Well packed. We have no other varieties.
Albert M. Herr, Lancaster, Pa.

Geraniums. S. A. Nutt, Beaute Poitevine, Heteranthe, Jean Viaud, Mme. Barney, 2½-in., $3.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

Geranium S. A. Nutt, 2¼-in. pots, good, well rooted, $2.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

GERANIUMS—Continued.

GERANIUMS.
S. A. NUTT, MONTMORT, DBLE. WHITE.
Rooted cuttings, $11.50 per 1000.
2-in., $2.00 per 100; $18.00 per 1000.
Cash with order.
Henry Dornbusch, R. D. 2, Dayton, O.

Geranium rooted cuttings. A. Ricard, $14.00 per 1000; B. de Presilly, $12.00 per 1000. Strong enought for 3-in. pots. Other varieties last week in Jan. Cash, please.
J. P. Siebold, Lancaster, Pa.

Geraniums, 2-in., nice stock. Nutt, Mme. Barney, pink; Hill, salmon; Buchner, white; $2.00 per 100, $18.00 per 1000. Cash.
Cherry Park Gardens, Fredonia, N. Y.

Geraniums. Ricard, Mrs. Perkins, Montmort, Harcourt, 2¼-in., $2.50 100; $20.00 1000. Rooted cuttings, mixed, $1.00 per 100.
Willis W. Kinyon, South Bend, Ind.

GERANIUM ROOTED CUTTINGS.
S. A. Nutt, $12.00 per 1000. Doyle, Viaud and Jaulin, $14.00 per 1000. Cash with order.
FRED W. RITCHY, LANCASTER, PA.

Geraniums, strong, 2-in. pot plants. Nutt, Ricard, Poitevine, Castellane, La Favorite and Perkins, $2.50 per 100.
John Irvine & Sons, Bay City, Mich.

Geraniums out of 2¼-in. pots at $2.00 per 100. 2000 S. A. Nutt, 500 Ricard, 500 E. G. Hill and 500 La Favorite.
Arthur Harbison, Harrodsburg, Ky.

Mme. Salleroi geraniums, 2½ and 2¼-in. pots, $2.00 per 100; also 3-in. Nutt, $2.00 per 100. Cash, please. David N. Rehr, Lehighton, Pa.

Geranium Queen of the Fairies, 2½-in. pots, $2.50 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Geranium rooted cuttings. Ricard, $12.50 per 1000; Mme. Salleroi, $1.00 per 100.
G. E. Fink, Kenilworth, N. J.

Geraniums, 2-in., Mme. Salleroi, S. A. Nutt and Grant, 2c.
U. G. Harglerode, Shippensburg, Pa.

Geraniums. S. A. Nutt, strong 2-in., $2.00 per 100; $18.00 per 1000. Cash.
J. J. Soper, Rockford, Ill.

Geraniums. Single Grant, 2¼-in. pots, to close out, $1.50 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Geraniums. S. A. Nutt and standard varieties, 2½-in., $2.50 per 100; $20.00 per 1000. Cash.
H. G. Norton, Perry, O.

Geraniums. Ricard, Poitevine, Castellane, Nutt, La Favorite, fine 2¼-in. stock, $2.00.
S. M. Harbison, Danville, Ky.

Geraniums, mixed, from rooted cuttings to 4-in. stock, any size, $1.00 to $4.00.
Mercer Floral Co., Bowling Green, O.

Geraniums, standard market sorts, established plants, $3.00 per 100; $25.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Geraniums. Mme. Buchner, Frances Perkins and Clyde, 2¼-in., $2.50 per 100; $20.00 per 1000.
So. Bend Floral Co., So. Bend, Ind.

Geranium S. A. Nutt. Extra strong 2¼-in. stock, $2.50 per 100; $22.50 per 1000.
Wellworth Farm Greenhouses, Downers Grove, Ill.

Geranium R. C., 8 standard varieties, $1.50 per 100; 2½-in., $3.00.
W. E. Trimble Greenhouse Co., Princeton, Ill.

2000 S. A. Nutt and 1000 La Favorite geraniums, strong 2½-in., ready for shift, $23.00 per 1000. Cash. P. N. Obertin, Kenosha, Wis.

Rose geraniums, strong stock, $1.50 per 100 by mail. S. W. Pike, St. Charles, Ill.

Mme. Salleroi, to make room, 2-in., 2c. Cash.
Bell Floral Co., Franklin, Pa.

Gen. Grant geraniums, 2-in., $2.50 per 100. Cash. Loyd C. Bunch, Fredonia, Kan.

Rooted Rose geraniums, $1.00 per 100. Cash with order. L. Turner & Sons, Kenosha, Wis.

Geranium S. A. Nutt, 2¼-in., $2.50 per 100; $20.00 per 1000. Baur Floral Co., Erie, Pa.

GLADIOLI.

Gladiolas for forcing. INDEPENDENCE, a very pleasing shade of pink; COLUMBIA, light orange scarlet (early); GEO. PAUL, red; WHITE AND LIGHT, mixture; PINK MIXTURE, consisting mostly of Mrs. Francis King and Independence; YELLOW MIXTURE. All one price, 1½ and up, $12.00 per 1000; 1¼ to 1½, $10.00 per 1000. Mixture of Groff's Hybrid SEEDLINGS, 1st, $7.50 per 1000; 2nd, $6.00 per 1000. RED AND SCARLET MIXTURE, 1st, $10.00 per 1000; 2nd, $8.00 per 1000. TACONIC, delicate pink, 1st, size, $20.00 per 1000; 2nd, $17.50 per 1000.
W. E. Kirchhoff Co., Pembroke, N. Y.

Gladioli. America, 1st. size, $25.00 per 1000. May, extra large, $14.00. Augusta, 1½ and up, $12.00; 1¼ to 1½, $10.00; No. 6, $4.00 per 1000. Nice large bulblets of Mrs. King, 60c; America, 85c per 1000. Augusta, 1st. size, $8.00 per bu.; 2nd. size, $4.00 per bu. Cash. These are all quality bulbs and true to name. Send in your orders now. Wm. Espel, Benton Harbor, Mich.

Gladiolus Pink Augusta (Pink Beauty). Great forcing early bloomer; color, pink; straight long spike, fine for sprays, decorations, $2.50 100, $20.00 1000; extra size, $2.75 100, $25.00 1000. Cash. Also Mrs. F. King, Augusta, Paul, Klondyke. Send for list.
Stevens Gladioli Co., Saginaw, W. S., Mich.

Gladiolus, America, No. 1, $3.00 100, $25.00 1000; No. 2, $2.50 100, $20.00 1000. Alice Carey, best white in commerce, No. 1, $5.00 100, $40.00 1000; No. 2, $4.00 100, $30.00 1000. Baron J. Hulot, the best clear dark blue in existence; bulbs, not first size but good blooming bulbs, $1.25 doz., $9.00 100.
E. Y. Teas & Son, Centerville, Ind.

Gladioli. Fine bulbs of King, Independence, May, Klondyke, Alice Carey, Pres. Taft and the best mixtures. Prices cheap for cash.
G. B. Babcock, R. D. 80, Jamestown, N. Y.

A quantity of mixed gladiolus bulbs from named sorts and a peck of bulblets free. Write if interested.
H. A. Catlin, Box 673, Homer, N. Y.

Gladiolus. Small surplus of fine bulblets. America, $1.00 per 1000; 5000, $4.00. Mrs. F. King, 75c per 1000; 5000, $3.00. Express prepaid. S. W. Pike, St. Charles, Ill.

Gladioli. Klondyke, best light yellow, 1 in., $2.00; 1¼ in. up, $2.50 100. Taconic, good florists' pink, ½ in., $1.00; ¾ in., $1.50 100; bulblets, $1.50 qt. C. W. Brown, Ashland, Mass.

Gladiolus America, No. 1, 1½-in. and up. Baron Hulot and America bulblets. Write for prices. Currier Bulb Co., Seabright, Calif.

Gladioli, 1¼-in. and up. Augusta and May, $12.50 per 1000; America, $25.00 per 1000. Cash.
W. Frank & Sons, Portland, Ind.

GREVILLEAS.

Grevilleas, 4 and 5-in., 20c.
Anderson Floral Co., Anderson, S. C.

HELIOTROPES.

Heliotrope rooted cuttings, 70c per 100; $6.00 per 1000; by mail, 10c per 100 extra; 2¼-in., $2.00 per 100, $18.00 per 1000. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Heliotropes. Czar, Czarina, Jersey Beauty, etc., $2.50 per 100. Centifleur (giant), $3.50 per 100. Storrs & Harrison Co., Painesville, O.

Heliotrope rooted cuttings, 75c per 100, mailing 10c; 2¼-in., 2½c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Heliotropes, dark; good stock. Strong and well-rooted cuttings, 75c 100; $6.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Heliotropes, 4 good varieties, 2¼-in., $3.00 per 100. Schmidt & Botley Co., Springfield, O.

Heliotrope, rooted cuttings, 70c per 100; 2¼-in. pots, 2c. C. H. Jacobs, Westfield, Mass.

HIBISCUS.

Hibiscus Peachblow, 2½-in., $3.50 per 100.
Schmidt & Botley Co., Springfield, Ohio.

HYDRANGEAS.

HYDRANGEA ARBORESCENS GRANDIFLORA, selected for forcing; 2-yr., 1½ to 2 ft., $3.00 per doz., $20.00 per 100; 15 to 20 in., nursery grown, $1.50 per doz., $10.00 per 100; 8 to 12 in., $6.00 per 100, $50.00 per 1000. Price list free. E. Y. Teas & Son, Centerville, Ind.

Hydrangea Otaksa, pot-grown, extra strong. 5-in., 3 to 6 crowns, $20.00 100; 4-in., 1 to 3 crowns, $12.00 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Hydrangea Otaksa, dormant, 4-in., $15.00 per 100; 5-in., $25.00 per 100.
D. U. Augspurger & Sons Co., Peoria, Ill.

Hydrangea Otaksa, 5-in., 15c; 6-in., 25c; field-grown, with one crown, 6c.
Baur Floral Co., Erie, Pa.

Hydrangea Otaksa, fine pot-grown, 5-in. pots, 2 to 3 flower shoots, $20.00 per 100.
Storrs & Harrison Co., Painesville, O.

Hydrangea Otaksa, field-grown, 1 shoot, 6c; 2 shoots, 10c; 3 shoots, 15c.
Erie Floral Co., Erie, Pa.

Hydrangea Otaksa, 3-in. pots, strong plants, $5.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Hydrangea Otaksa for Easter and Decoration day. See our display adv.
Jackson & Perkins Co., Newark, New York.

Hydrangea Otaksa from 8-in. pots, $5.00 per 100. Fred Boerner, Cape May City, N. J.

IMPATIENS.

Impatiens, 6 distinct varieties, 2¼-in., $2.50 per 100.
Schmidt & Botley Co., Springfield, Ohio.

Impatiens Sultani, red. Strong R. C., $1.00 per 100. Cash. J. P. Siebold, Lancaster, Pa.

Impatiens Sultani. R. C., $1.00 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

ISMENES.

Ismene calathina, mammoth bulbs, $7.00 per 100. Hillcrest School Farm, R. D. 3, Northeast Sta., Nashville, Tenn.

IVIES.

GERMAN IVY.
Rooted cuttings, $5.00 per 1000.
Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses, Dayton, O.

German ivy. R. C., 50c per 100, mailing 10c; 2¼-in., 2½c.
English ivy, 2½-in., 4c; R. C., $1.00 100, $9.00 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

English ivy, 2-yr. field plants, 2½ to 4 ft. long, 2, 3 and 4 leads, extra fine, 10c each; 200 for 8c each. Cash.
Benj. Connell, Florist, Merchantville, N. J.

4000 English ivy rooted cuttings, $1.00 per 100; $10.00 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Ivies. German, R. C., 60c 100. Kenilworth, R. C., 60c 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

English ivy, strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.
Storrs & Harrison Co., Painesville, O.

English ivy (Hedera Helix). R. C., strong $2.00 per 100. Cash.
N. P. Colberg, Princeton, Ill.

The CHEAPEST, the EASIEST, and the BEST WAY to get rid of your surplus stock is to use the REVIEW'S classified advs.

German ivy, 2-in., strong plants, ready for shift, we need the room, $1.50 hundred. Cash.
C. L. Humphrey, Zanesville, O.

Ivy, German, 60c; English, 75c; prepaid English, 2½-in., $3.00.
Chas. Frost, Kenilworth, N. J.

English ivy, strong 2¼-in., $4.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

German ivy R. C., 60c per 100.
John Irvine & Sons, Bay City, Mich.

English ivy R. C., $1.00 per 100.
John Irvine & Sons, Bay City, Mich.

German ivy R. C., 50c per 100; mailing 10c extra. Warren Huckleberry, North Vernon, Ind.

LANTANAS.

3000 lantana rooted cuttings, 3 varieties, $1.50 per 100; $12.50 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Lantanas, 4 good varieties, 2¼-in., $3.00 per 100. Schmidt & Botley Co., Springfield, Ohio.

Lantanas, fine, thrifty plants, 2 best vars., $2.00 100. Wingert & Ulery, Springfield, O.

Lantanas, 2-in., $2.00.
Mercer Floral Co., Bowling Green, O.

Lantanas, 8 fine varieties, $3.00 per 100.
Storrs & Harrison Co., Painesville, O.

LEMONS.

Lemon American Wonder, 2½-in., $3.00 per 100; 4-in., $15.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

LILY OF THE VALLEY.

LILY OF THE VALLEY, "J. & P. Perfect" brand, new crop 3-yr. pips, the kind indicated by the name; grade and quality guaranteed, $15.00 per 1000, packed 2000 to the case. Prompt shipment.
Jackson & Perkins Co., Newark, New York.

Lilies of the valley. Bruns' Celebrated Chicago Market brand, finest in existence, $2.00 per 100; $16.00 per 1000. Bruns' Early Forcing Valley, florists' moneymaker, $1.50 per 100; $14.00 per 1000.
H. N. Bruns, 3038 W. Madison St., Chicago.

LOBELIAS.

Lobelia Kathleen Mallard, the new double. I have 50,000 extra large and well rooted cuttings, transplanted into soil, and if you want good, clean, healthy stocks for spring trade, order now. Well packed to stand any weather; satisfaction guaranteed. 65c per 100, by mail; $4.50 per 1000, by express.
S. A. Pinkstone, York & Hickory, Utica, N. Y.

Lobelia Kathleen Mallard, the new double. We have an immense stock of well rooted cuttings, transplanted in soil last October and kept growing on, 50c per 100 by mail; $4.00 per 1000 by express. 500 at 1000 rate.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Lobelia Kathleen Mallard R. C., 50c 100.
Hendra & Son, Sta. D, St. Joseph, Mo.

MOONVINES.

10,000 white moonvine rooted cuttings, extra fine and clean, $1.50 per 100; $15.00 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Moonflowers. Buy now to propagate from. $3.00 per 100.
Storrs & Harrison Co., Painesville, O.

NURSERY STOCK.

APPLE SEEDLINGS.
Grown from French crab seed on new land, free from aphis and knot. No. 1 straight roots, 3/16-in. and up, $4.50; No. 1, branched, $4.00; No. 3, less than 2/16-in., for lining out, $1.25 per 1000 f. o. b.
Fairbury Nurseries, Fairbury, Neb.

3000 Spiræa Van Houttei, 2-yr., 2½ to 3½ ft. Send for prices, additional lists and catalogue.
Henry Lake Sons Co., Nurserymen,
Black River Falls, Wis.

My catalogue for 1911 of native trees, shrubs, bulbs and plants is now ready to mail.
L. E. Williams, Exeter, N. H.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS.
ELLWANGER & BARRY, ROCHESTER, N. Y.

ONION SETS.

Onion sets. To close out: 800 bu. white, $1.25; 500 bu. yellow, $1.10; 400 bu. red, $1.00 per bu. of 32 lbs. Sets are A No. 1.
J. C. Zaplewski & Co., Growers, Norwood Park, Ill.

ORANGES.

Otaheite orange, 2½-in., $3.50 per 100; 4-in., $15.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

PALMS, ETC.

Pandanus utilus, 3-in., $10.00 per 100; 4-in., $20.00 per 100.
Cocos Weddeliana, 2½-in., $10.00 per 100.
Kentia Belmoreana and Forsteriana, made-up and single plants, all sizes. Special value in made-up Forsteriana, 4 plants in 8-in. tubs, 40 to 44 in. high, $4.00 each, 8 in. tubs, 44 to 48 in. high, very husky, $5.00 each.
Storrs & Harrison Co., Painesville, O.

Kentia Belmoreana from 2¼-in. pots, 3 leaves, $6.00 per 100; $55.00 per 1000. Cash or satisfactory references with order.
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Pandanus Veitchii, 3-in. pots, $10.00 per 100; 4-in., $20.00 per 100; bench-grown, 10 in. high, $10.00 per 100; 15 in. high, $15.00 per 100.
J. J. Soar, Little River, Florida.

Pandanus Veitchii, bench-grown plants, 10 in. high, $10.00 per 100; suckers, $4.00 per 100.
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Phoenix Roebelenii, 6-in. pots, 1 to 2 ft. high, $1.00 each; 7-in., $2.00 each.
B. M. Wichers & Co., Gretna, La.

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Kentias. Big stock. Write for prices.
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Pansy plants, small plants, giant flowering, $2.50 per 1000. Cash.
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Pansies, strong transplanted, for flowering in greenhouse, best sorts, $2.00 per 100.
F. A. Baller, Bloomington, Ill.

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Passifloras, Constance Elliott and Pfordti, 2¼-in., $3.00 per 100.
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Pelargoniums, from 70 best varieties, 3½-in., $7.00 per 100; clean and ready for 5-in. Cash only. J. Sylvester, Florist, Oconto, Wis.

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Peonies in any quantity. Write for prices on list of your wants.
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Double fringed petunias, 15 varieties, Dreer's and other collections, 2-in., 2c. Will have a lot of petunia rooted cuttings shortly. Can book orders for Feb. 1.
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Dreer's double petunias, selected large flowering doubles, finely fringed, mixed colors. Rooted cuttings, $1.00 100, $9.00 1000; 2-in., $2.00 100. Cash. J. P. Cannata, Mt. Freedom, N. J.

Petunias, single, 4 distinct varieties, $2.00 per 100; double, white, pink and variegated, 2¼-in., $3.00 per 100.
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Dreer's double petunias, 6 choicest colors and varieties; just what you need for propagating, 3-in., 5c. Positively cash with order.
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Dreer's double petunias, named varieties. Rooted cuttings, $1.00 per 100; $9.00 per 1000.
W. S. Nichol, Barrington, R. I.

Double petunias, R. C., 10 kinds, $1.00 per 100; 2-in., 2c. Cash.
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2000 D. petunias, $2.00 per 100.
Mercer Floral Co., Bowling Green, O.

Petunias, double red, pink, variegated, 2¼-in., 3½c. Hammerschmidt & Clark, Medina, O.

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POINSETTIA STOCK PLANTS.
ONE-YEAR-OLD, TRUE STOCK.
EXTRA SELECT, $8.00 PER 100.
SECOND SIZE, $6.00 PER 100.
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30 E. Randolph St., Chicago.

2000 poinsettia stock plants, $5.00 per 100, cash, or will exchange for Enchantress carnation rooted cuttings, Boston ferns, 2½-in. pots; gladiolus bulbs or anything else I can use.
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1500 Poinsettia stock plants at $5.00 per 100. Cash with order or reliable references.
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Poinsettias, good, strong, true stock plants, $5.00 per 100.
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Poinsettia stock plants, $5.00 per 100.
Wm. M. Turner, Wilkinsburg, Pa.

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Primula obconica grandiflora, mixed colors, 2-in., $1.50 per 100; 4-in., $6.00 per 100. Fine stock to grow on for spring and Easter sales. 4-in. Chinese, in bloom, mixed colors, $6.00 per 100. Cash with order.
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Primula obconica, best colors of largest flowering, mostly all budded, ready for shift at once; will make good Easter plants, 2¼-in., $2.75 per 100. Forbesi, Baby primrose, in bloom, ready for 3-in. at once, 2¼-in., $3.00 per 100. Cash, please. John Bauscher, Jr., Freeport, Ill.

Chinese primroses, finest fringed, mixed colors, 3-in., $4.00; 2-in., $2.00. Kewensis, 3-in., $3.00. Extra good plants. Cash. M. S. Etter, successor to John F. Rupp, Shiremanstown, Pa., The Home of Primroses.

Primula obconica gigantea, kermesina and rosea, finest strain; 2½-in., strong plants, ready for shift, $4.00 100. Cash. E. Nagel & Son, 1118 W. Lake St., Minneapolis, Minn.

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Byer Bros., Chambersburg, Pa.

Primulas. Chinese, all colors, 3-in., ready for 4-in., just right for Easter, $5.00 per 100. Kewensis and Forbesi, 3-in., $5.00 per 100. Cash only. J. Sylvester, Florist, Oconto, Wis.

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Primroses, 4-in., in bud and bloom, $10.00 per 100. Cash.
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Primula sinensis, good crop.
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Primula obconica grandiflora, 3-in., 5c; 4-in., 10c. M. S. Wiecking Co., Bluffton, Ind.

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CALIFORNIA PRIVET.

1-yr.,	2 to 3 ft., 3 to 6 branches	$12.00 1000
2-yr.,	18 to 24 in., 5 to 8 branches	12.50 1000
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2-yr.,	3 to 4 ft., 5 to 8 branches	20.00 1000

AMOOR RIVER PRIVET.

2 to 3 ft.,	well branched	$25.00 1000
3 to 4 ft.,	well branched	30.00 1000

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200,000 Cal. privet, 4 to 6 branches, $12.00 per 1000. All sizes. Large stock of Ampelopsis Veitchii, Clematis paniculata, 1, 2 and 3-yr.-old, and most all other good things for florists. Get my list before you buy.
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California privet, 18 to 24, 2-yr., $11.50 1000; 24 to 30, 2-yr., $16.00 1000. Amoor River (hardy), 18 to 24, 2-yr., $17.50; 24 to 30, 2-yr., $22.50 1000. Honeysuckle, Hall's, 2-yr., $4.00 100. F. O. B. Cash with order.
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CALIFORNIA—Any quantity, size, age. Not any better grown. Write for prices on it. Fruit and ornamental trees, shrubbery, etc.
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California privet. A splendid lot of fine well graded 2-yr. stock. For particulars see our display adv. Chas. Black, Highstown, N. J.

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Pyrethrum, double dwarf; R. C., 90c per 100.
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Resurrection plants, 12-in. diameter open, $4.00 100 postpaid.
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Paris daisy, giant yellow and giant white, Gem feverfew, heliotropes, genistas, abutilons, fuchsias, 6 kinds, $1.00 per 100. Cupheas, 75c per 100. Ageratum, 4 kinds, 60c per 100. Alternantheras, 4 kinds, 50c per 100. Moonvines, $1.50 per 100. Rose geraniums, $1.25 per 100. Cash with order.
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20% discount now. See display adv.
E. W. Byer, Props., S. Flo. Co., Shippensburg, Pa.

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ROOTED ROSE CUTTINGS.
READY NOW.
SATISFACTION GUARANTEED.

	100	1000
Richmond	$2.00	$15.00
Pink Killarney	2.50	20.00
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American Pillar, 3-yr	$35.00 100
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WESTERN HEADQUARTERS FOR ROSE PLANTS.

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Double White Killarney (Poehlmann strain)	$30.00	$250.00
Pink and White Killarney, 2½-in.	12.00	100.00
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Pink and White Killarney, 2½-in.	6.00	55.00
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Bride, 3½-in.	$ 6.00 per 100
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Cash with order.
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Roses. Dorothy Perkins and Yellow Rambler, fine field-grown, $8.00 100. Blue rose, fine field-grown, $12.50 100. J. W. Ross Co., Centralia, Ill.

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225 best varieties—old, new, tried, true.
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Rosemary R. C., $1.50 100. Cash.
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Rubbers, fine 5-in. stock, 35c each.
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Salvia Zurich, dwarf, absolutely true to name; rooted cuttings, $1.00 100, $8.00 1000. Salvia Bonfire, 80c 100; $7.00 1000. Cash.
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Salvias, splendens, Mrs. Page, Alfred Ragineau and Alba. Strong 2¼-in., $2.50 per 100, $20.00 per 1000; rooted cuttings, 60c per 100.
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Salvias, splendens, Bonfire, R. C. or transpl., 90c per 100, mail 10c per 100; 2¼-in., 2c. Cash.
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Salvia Bonfire. R. C., $6.00 1000. Cash.
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1000 salvias. Splendens and Bonfire, 2-in., $2.00.
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Santolina R. C., 90c per 100.
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Dwarf schizanthus, 4-in., $5.00 100.
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Aster seed, selected, disbudded, climatic conditions best on earth. Peerless Pink, Violet King; Crego, pure white and pink; each 25c per trade packet; $1.00 per ounce. Superb Late Branching, azure blue, pale lavender, deep crimson, deep rose, rose-pink, shell-pink, pure white, each 25c per trade packet, $1.00 per ounce. Daybreak, fine for funeral work, 50c trade packet. Early Wonder, pure white and pink, each 25c per trade packet, $1.00 per ounce. Queen of the Market, early flowering; shell pink, purple, white, bright rose, crimson, lavender, 20c per trade packet; 60c per ounce. Prepaid by mail. Cash, please. M. J. Callahan, Ventura, Cal.

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ASPARAGUS PLUMOSUS NANUS SEED.
Guaranteed true to name.
Ready for delivery now.
NEW CROP.

Lots of 5,000	$2.25 per 1000
Lots of 10,000	2.00 per 1000
Lots of 20,000	1.75 per 1000
Lots of 50,000	1.50 per 1000

Single thousands, $2.50.
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New crop—Greenhouse-grown.

Per 1,000 seeds	$ 4.50
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JUST PICKING 30,000 or more fresh Pennsylvania Asparagus plumosus nanus seed, $3.00 1000. Cash with order.
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SEEDS—Continued.

First picking new crop Asparagus plumosus nanus, $2.25 per 1000; $10.00 per 5000; $17.50 per 10,000.
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Clematis paniculata, Ampelopsis Veitchii, Berberis Thunbergii and 20 other varieties of fresh seed. List of seeds and plants free.
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My catalogue of native tree, shrub and plant seeds now ready. Sent to anyone on application.
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Smilax, fine plants, cut back several times, bushy, out of 2½-in., $1.50 per 100; $12.50 per 1000.
J. C. Schmidt, Bristol, Pa.

Smilax from 2-in. pots, several times cut back, $1.50 per 100; $13.00 per 1000.
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Smilax, 2½-in., $2.00 per 100. Cash.
John Bauscher, Jr., Freeport, Ill.

Smilax. Good, strong, bushy 2-in. plants, $2.00 per 100. Addems, Morgan & Co., Paxton, Ill.

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Snapdragon, florists' giant white, pink, yellow, orange, red, bronze. Strong R. C., $1.00 per 100, $9.00 per 1000; mail 10c per 100; 2¼-in., 2c. Cash.
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Snapdragons, large flowering, 3-in. stock, $4.00 per 100.
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Snapdragons, 2½-in., 2c; rooted cuttings, $1.00 per 100. Cash.
Truitt's Greenhouses, Chanute, Kan.

Snapdragons, giant flowering, white, pink, red and yellow. Fine 2½-in. plants, $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

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Forcing spiraea clumps, extra quality. Floribunda, $5.00 per 100; $45.00 per 1000. Gladstone, $10.00 per 100; $90.00 per 1000. Superba, $6.00 per 100. Queen Alexander, $12.00 per 100. Blondine, $6.00 per 100. Japonica, $4.00 per 100. No better proposition for Easter or Memorial day.
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Stevia rooted cuttings, $1.50 per 100. Cash.
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Swainsonas, 2½-in., 3c. Cash.
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Swainsona alba, white; R. C., $1.00 per 100.
John Irvine & Sons, Bay City, Mich.

Swainsona alba R. C., $1.00 per 100; 2½-in., 3c.
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Winter flowering sweet peas. Now is the time to plant them. Order quick. WHITE—Denzer, Mont Blanc. PINK—Christmas Pink, Earliest of All, Mrs. Dolansky, Mrs. Wm. Sim, Mrs. Wild. LAVENDER—Wallace. Well established in 2½-in. pots.
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TRADESCANTIAS. 10,000 Wandering Jew R. C., tricolor and green, 60c per 100, $5.00 per 1000; 2½-in., 2c. Cash. Mailing 10c.
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Tuberoses, Armstrong's Everblooming, $12.50 per 1000; small bulbs, $5.00 1000.
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Cyperus (umbrella plants), 2-in. pots, $2.00 per 100. John Irvine & Sons, Bay City, Mich.

Umbrella plants, 3-in., $1.00 per doz. Cash.
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Write to James Ray Geraty, Yonges Island, S. C., to explain how to get a selection of cabbage plants, strawberry plants, asparagus roots and 16 varieties of seed free and make $1.40 for yourself. A very attractive and profitable proposition to every one owning a garden, merchants or farmers.

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Transplanted Grand Rapids lettuce plants, $2.50 per 1000. Cash.
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50,000 transplanted Grand Rapids lettuce plants, fine, $2.50 per 1000.
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Lorillard and Comet tomato seedlings, $2.00 1000. Cash.
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RHUBARB. Extra large clumps for forcing, 20c each.
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Lettuce plants, $1.00 per 1000.
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Comet and Lorillard forcing tomatoes, 2½-in., $2.00 100. Roney Bros., West Grove, Pa.

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Lemon verbena rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

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Vinca variegata. Strong rooted cuttings, 90c per 100; $8.00 per 1000; 2¼-in., $2.00 per 100, $18.50 per 1000; 3½-in., strong plants, ready for shift, $6.00 per 100. Cash with order.
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15,000 Vinca variegata. Strong potted plants, 4-in., $6.00 per 100; 3-in., $5.00 per 100; 2-in., $2.00 per 100. Cash.
Wingert & Ulery, Springfield, O.

Vinca variegata. Strong R. C., $1.00 per 100, $9.00 per 1000; 2¼-in., 2c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Vinca var., 4½-in. pots, $6.00 per 100; strong rooted cuttings, 70c per 100.
Van Antwerp & Finger, R. D. 1, Syracuse, N. Y.

Vinca variegata. Extra strong field-grown plants, $4.00 per 100. Cash.
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Strong Vinca variegata clumps in 3½ and 4-in. pots, $5.00 and $6.00 per 100. Cash.
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Vinca variegata, strong 4-in. plants, $10.00 per 100; $80.00 per 1000.
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Vinca variegata, good sized 4-in., can yet be divided, 8c; 3-in., good ones, ready for 4-in., 5c. Cash. Cherry Park Gardens, Fredonia, N. Y.

Vinca variegata, 4-in., extra heavy, from field, 6c. U. G. Harglerode, Shippensburg, Pa.

Vinca variegata R. C., 90c per 100.
John Irvine & Sons, Bay City, Mich.

Vinca var. rooted cuttings, $1.00 per 100; $8.00 per 1000. Wm. Winter, Perry, Ohio.

Vinca variegata R. C., $1.00 100 prepaid.
Chas. Frost, Kenilworth, N. J.

Vinca var., 2-in., now ready, $2.00 100. Cash.
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Marie Louise violet blooms now ready. Price for January, A No. 1 quality, $1.00 per 100; $7.50 per 1000. Cash with order, please.
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Violets, hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000.
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If you are looking for good stock of chrysanthemums, geraniums, cannas, vincas, ferns, etc., write to R. F. Gloede, Evanston, Ill.

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To Exchange—Big strong callas from 5-in. pots, some in bud and bloom, 10c; German ivy, strong well rooted cuttings, $4.00 per 1000, for anything I can use. Let me know what you have. E. A. Muchow, Clarence, N. Y.

To Exchange—Rooted carnation cuttings of Rose-pink, White and L. P. Enchantress, $3.00 per 100, for Asparagus Sprengeri and plumosus.
Fern-Cliff Floral Co., Springfield, O.

To Exchange—Asparagus plumosus, strong 3-in., for geraniums, 2 or 3-in. Boston or Whitmani ferns or Ficus elastica. Besser Floral Co., 232 N. Colorado Ave., Kansas City, Mo.

To Exchange—Rooted carnation cuttings, Enchantress, Rose Enchantress, White Lawson and Melody for rooted cuttings of May Day.
Albion D. Emerson, Westville, N. H.

To Exchange—Ficus elastica, Piersoni and Whitmani ferns, fine stock, for early struck carnation cuttings, best varieties.
Herms Floral Co., Portsmouth, O.

To Exchange—Poinsettia stock plants for rooted geranium cuttings.
S. F. Stephens, Box 553, Columbus, O.

To Exchange—300 A. plumosus, strong 2¼-in., $3.00 per 100, for geraniums, rooted cuttings or 2-in. Frank C. Seibert, Wheeling, W. Va.

WANTED.

Wanted—All kinds of two-yr.-old dormant roses; hydrangeas, Otaksa and Thos. Hogg; azaleas, all colors; lilacs and all kinds of bedding plants for spring blooming. Let me know what you have, with prices per 100.
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The FLORISTS' MANUAL, by Wm. Scott, covers the whole field of commercial floriculture. Articles are arranged alphabetically so that reference is quick and easy. Price, $5.00, carriage charges prepaid. Send in your order now.
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Pillsbury's carnation staples, 50c per 1000. Postpaid. I. L. Pillsbury, Galesburg, Ill.

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Folding cut flower and corrugated design boxes. See our display adv. Write for price list.
The Sefton Mfg. Co., 1333 W. 35th St., Chicago.

Buyers of corrugated shipping boxes, send for catalogue just issued. See display adv.
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Write for our special price on a special lot of dagger ferns.

Try our laurel festooning for your decorations, only 5c per yd.; 10 yds. free with first order.
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CYACEINE FLOWER COLORING, yellow, orange, pink, blue, green, American Beauty, 20c per qt. by mail.
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We are now shipping
Extra fancy crop.
FANCY LONG TAILS
FANTAILS
TELESCOPES
If you have not our price list
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Gold fish, aquarium plants, snails, castles, globes, aquariums, fish food, nets, etc., wholesale. Send for price lists. Large breeding pairs for sale. Franklin Barrett, Breeder, 4815 D St., Philadelphia, Pa.

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For hotbeds and coldframes. The most practical and cheapest on the market. Send for circular and price list. Watts Bros., Kerrmoor, Pa.

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Standard Flower Pots. If your greenhouses are within 50 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts. N. E., Washington, D. C.

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The temperature at which the house is kept is not stated and it is not possible to judge of the efficiency of the system, but with the amount of pipe mentioned, if properly installed, there should be no difficulty in maintaining a temperature of 60 degrees in zero weather. One ton of coal per week should keep up this temperature, with the weather averaging 10 degrees above zero at night.

A good deal depends on the quality of the coal, but if it is a good grade of run of mine, the gas at 25 cents per thousand cubic feet should be found about as economical as the coal when allowance is made for the labor of firing, removing ashes, etc. It would not be safe to rely upon the well mentioned, as the pressure might go down some cold night and serious harm might result. The well may be a bargain at the price mentioned, and could be used with safety if a connection with the city gas main is also made, for use in case the pressure of natural gas fails.

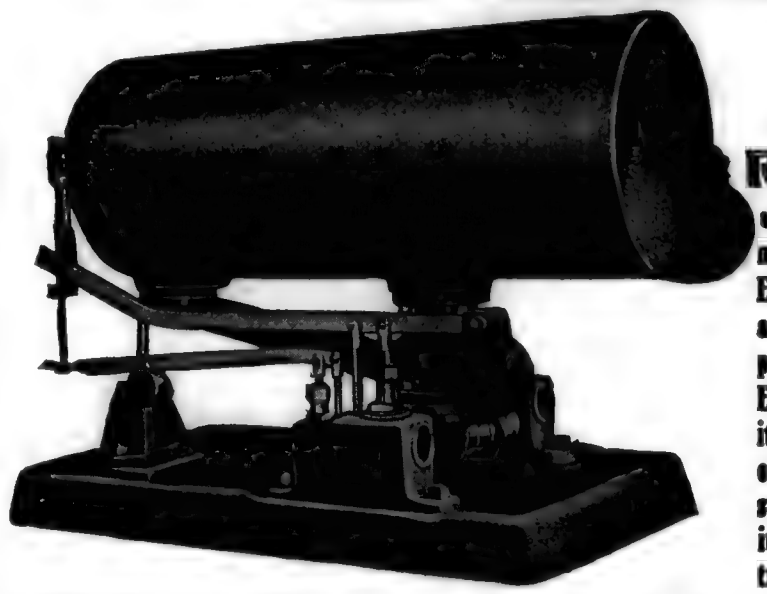
COPPER FLUES IN BOILERS.

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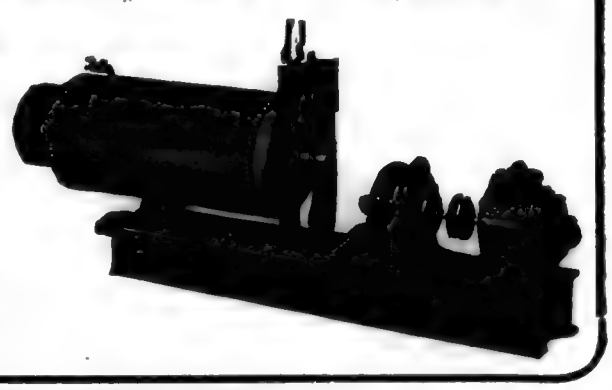
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Our Automatic Electric Condensation Pump
SAVES 20% TO 50% COAL.
Draws Water and Air out of the Heating System.
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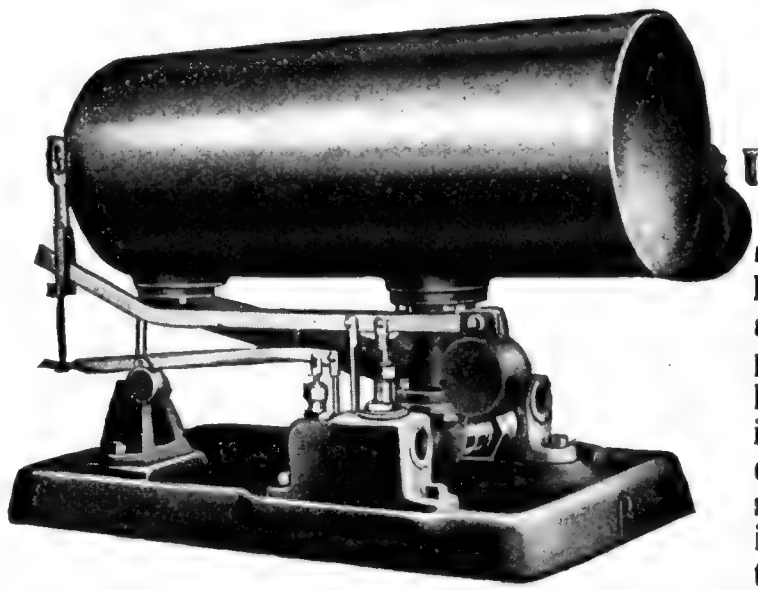
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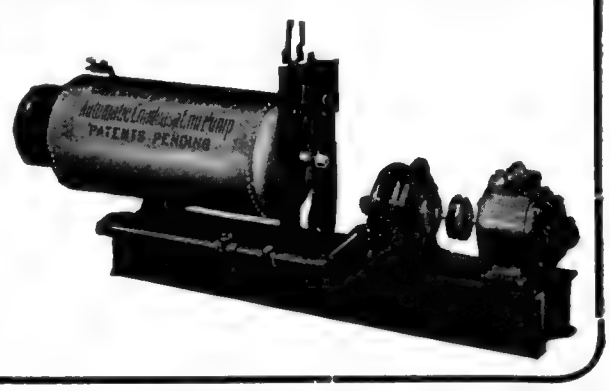
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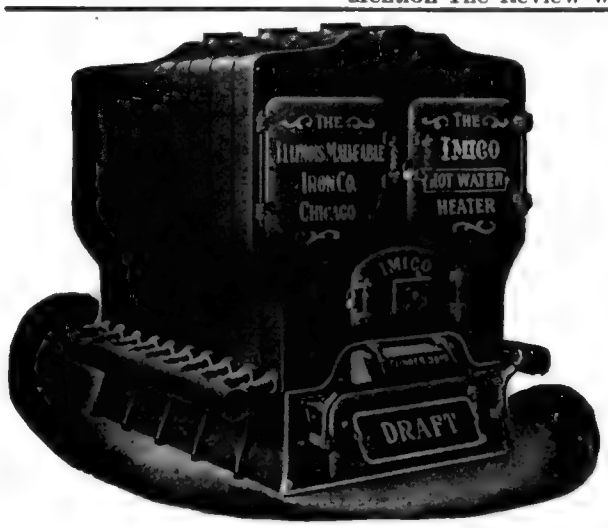
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Makes Heating Uniform
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$40, and that copper flues, No. 11 gauge, would cost $102. Since No. 11 is the standard gauge for high pressure steam copper flues, would not No. 14 be adequate for hot water, with no pressure except from the expansion tank, eight feet above the boiler? This would reduce the cost to $70.

Since copper will not scale and is therefore of great durability, and since by its use one is enabled to get the heat applied much closer to the water, would it not seem advisable, from an economical point of view, both in durability and daily service, to use copper flues? What reader of The Review can tell us from experience?

S. C. Templin.

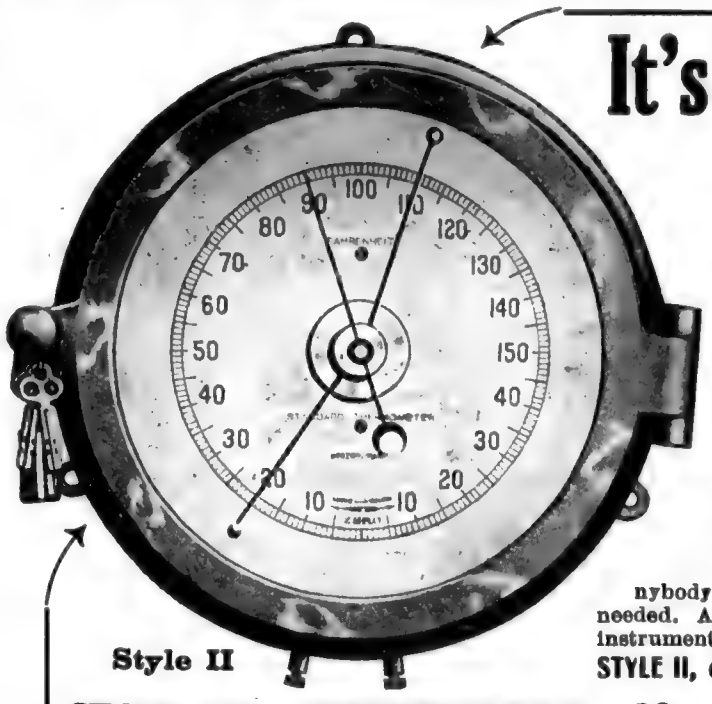
BOILER UNDER RESIDENCE.

I have two connected houses, 20 x 190 and 30 x 190. They measure twelve feet to the ridge pole and four and one-half feet to the eaves and have board sides. I have two boilers, twenty and twenty-four horse-power, and use hot water. Will these boilers heat another house, a new one, 30 x 180, alongside the old houses? The flow pipes at present start over the boilers, about eighteen inches from the top of the boilers, and the return pipes come in about one foot lower. I want to know the proper way to pipe the houses. At present the flow pipes and return pipes are all in the walks and the flow pipes are only about six to ten inches above the return pipes. The expansion tank is connected to the return pipes.

As I understand it, the flow pipes should rise six to ten feet over the boilers, run with a gradual fall to the opposite end of the houses and then drop to the return pipes, which should also have a good fall back to the boilers. In my case it is difficult to let the flow pipes rise directly over the boilers, as the boiler room is under my dwelling. Could I let the flow pipes rise, say, four feet above the boilers, then go out from under the building and rise a second time, to within three or four feet of the ridge poles? I am located in southern Kansas. J. L. V.

While it is well to have the flow pipes rise to the highest point in the system as soon as possible, it will make but little difference if the plan suggested is followed and the highest point is not reached until after the flow pipes have entered the greenhouses. In fact, although the downhill system should be used whenever possible, if the conditions are such that it will be easier to install an uphill flow pipe it will give good results when the returns are higher than the top of the boiler.

The inquiry does not give the temperatures desired in the houses, but if an average of 60 degrees would be the maximum temperature, which would probably be ample, there should be no difficulty in heating the three houses, provided the boilers are up to capacity and everything is properly arranged. There is, however, only a little surplus capacity and it would require skillful handling to maintain a temperature of 60 degrees in all of the houses when the outside temperature drops below zero. For 60 degrees use in the new house, 30 x 180, either three 3-inch or five 2½-inch flow pipes and fifteen 2-inch returns. For 50 degrees use only ten returns.



It's Padlocked

and arranged with hermetically sealed case, safe from hose or dampness. It is an instrument developed specially to meet greenhouse conditions. It cannot be tampered with and remains absolutely accurate and effective, no matter how damp your house may be. In all other respects, however, this

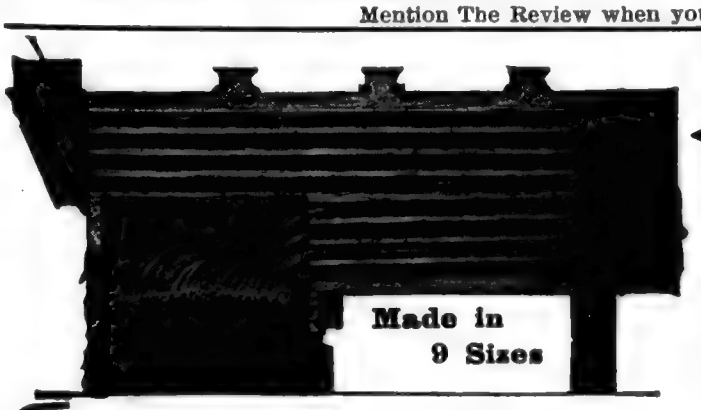
Standard Special Greenhouse Thermostat

is practically the same as Style I, advertised in last week's Review. It gives positive warning of approaching fire or frost, heat or cold. Anybody can put it up—only a screwdriver needed. All necessary directions with each instrument. Order today. Ask for

STYLE II, diameter 6 in., price $10.00 each

STANDARD THERMOMETER CO., 65 Shirley Street,
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More Heating Surface

and less water space than is contained in any other boiler. (Note the many flues set close together.) This is one reason why the users of the

"Superior Standard" Greenhouse Boilers

find them perfectly satisfactory. We frequently receive re-orders from florists who have tested these boilers thoroughly and found them even "Superior" to our claims.

Why not ask for full particulars today? A postal to us will bring a prompt reply.

SUPERIOR MACHINE & BOILER WORKS
Superior and Green Sts., CHICAGO, ILL.

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Geo. B. Limbert & Co.
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For Prices on
Genuine Wrought Iron Pipe
Ask For Catalogue.

50% SAVED
Pipes, Flues
and casing thoroughly overhauled and guaranteed. Greenhouse fittings of every description.
ILLINOIS PIPE & MFG. CO.
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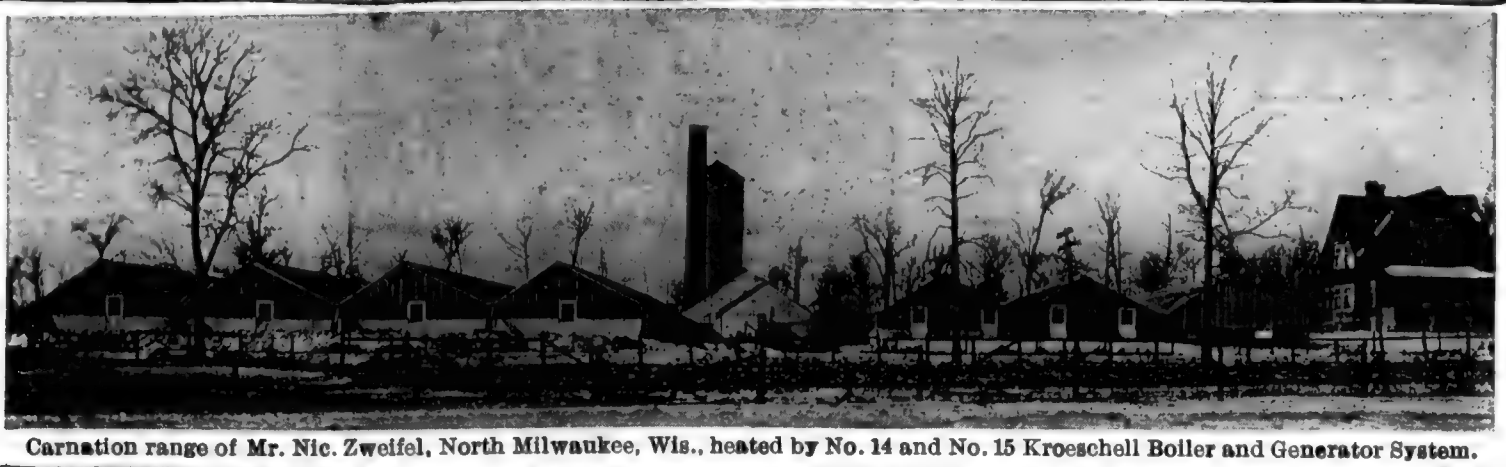
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Hot Water Boilers
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The Most Economical Boilers for Greenhouses
No night fireman required with our Self-feeding Hot Water Boilers.
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MAKE OUT A LIST NOW
of your needs in PIPE and FITTINGS, so that we can estimate on them?
It may save you money.
WHETSTONE & CO.
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Carnation range of Mr. Nic. Zweifel, North Milwaukee, Wis., heated by No. 14 and No. 15 Kroeschell Boiler and Generator System.

WHAT THE USERS SAY ABOUT KROESCHELL BOILERS

60,000 sq. ft. of glass carried by No. 15 Kroeschell Boiler--No trouble to maintain temperatures in coldest weather.

I am heating 60,000 sq. ft. of glass with Kroeschell Boilers and expect to heat another house with same boiler capacity. I have not the least trouble in maintaining 50° to 54° in the coldest weather.

USE LESS COAL THAN OTHERS.

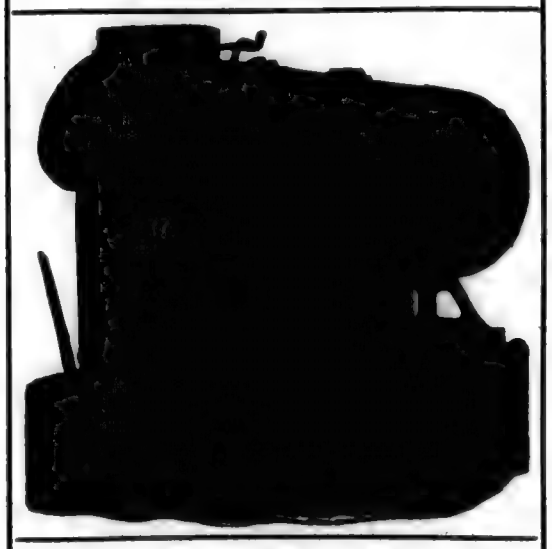
In comparing my place with others, we use less coal than anyone I know of, and it is a regular snap for the fireman to do the work with Kroeschell Boilers.

Combining the Kroeschell Piping System, Kroeschell Boilers and Generator, it is really a pleasure to heat my place.

NIC. ZWEIFEL, North Milwaukee, Wis.

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IMPROVED RETURN TUBULAR FIREBOX BOILER



Johnston Heating Co.
131 E. 26th St., New York City

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—of the—
Florists' Manual
Is Now Ready

Price, $5.00 a copy, carriage charges prepaid.



A Steady Pressure

will always be maintained in your steam pipes, no matter how the pressure at the boiler fluctuates, if you equip your main lines with these valves. Carry 40 or 50 pounds pressure on the boiler, set the

Hughson Regulating Valve

to carry 5 or 10 pounds on the line and you will always have a reserve in case of a sudden drop in temperature. This valve saves both fuel and worry. Ask for catalogue and particulars.

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STEAM and HOT WATER
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and we want to send it to you for **30 days' FREE trial.**

The Perfection will clean welded flues as well as old ones; remove scale from tubes without cutting metal; clean hot or cold flues without changing temper; can be operated by flexible handle.

The knives are always sharp.
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Hundreds now in use by florists.

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BALTIMORE.

The Market.

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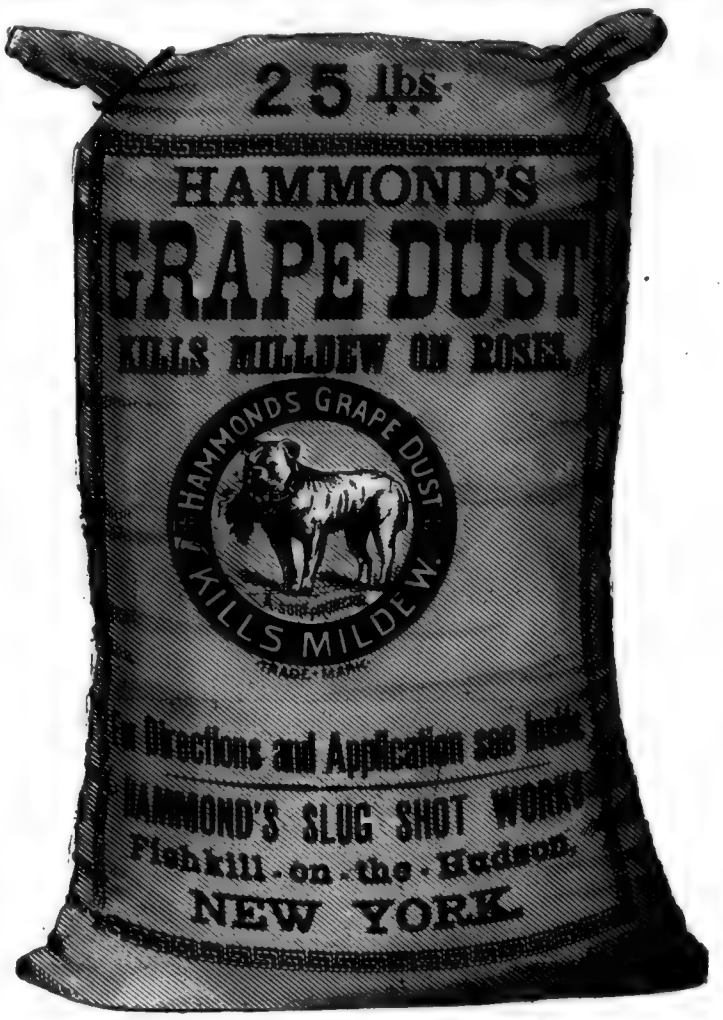
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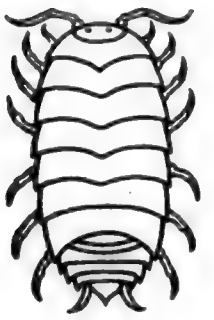
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Hammond's
"SLUG SHOT"
Cleans out the
Sow Bug



OR
Wood Louse
IN GREENHOUSES.



Sold by the Seed Dealers of America
Mention The Review when you write.

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LEMON OIL COMPANY'S STANDARD SOLUBLE IN WATER INSECTICIDE

Guaranteed under Insecticide Act, 1910. Serial No. 321.

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½-Pint, 25c; Pint, 40c; Quart, 75c; ½-Gallon, $1.25; Gallon, $2.00; 5-Gal. Can, $9.00; 10-Gal. Can, $17.50

Dilute with water 30 to 50 parts.

Manufactured by

LEMON OIL CO.

Dept. H, 420 W. Lexington St., BALTIMORE, MD.

Directions on every package.

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TOBACCO STEMS, 50 cents per 100 lbs.
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H. MUNSON Telephone North 572, 1405 Wells St., CHICAGO

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$2.50 per gallon—$1.00 per quart.
U. S. and Canada.

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$3.00 per gallon—75c per quart.
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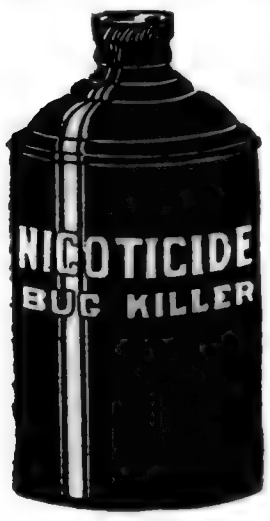
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MADISON, N. J.

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Drop us a line and

We will prove it

P. R. PALETHORPE COMPANY

Dept. A,
Owensboro, Ky.

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Green Flies and Black ones too

are easy to kill with

The Fumigating Kind Tobacco Powder

$3.00 per bag 100 lbs.

Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?

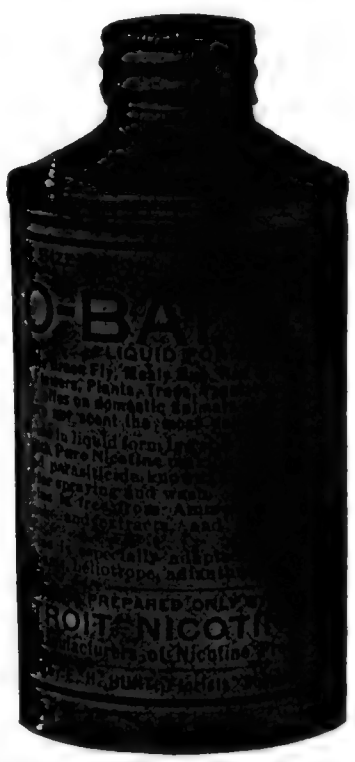
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And Are Not Troubled With

Thrips on Roses or Carnations



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Hunt's "Simplex" Spray Pump, complete, all brass,	**$12.00**
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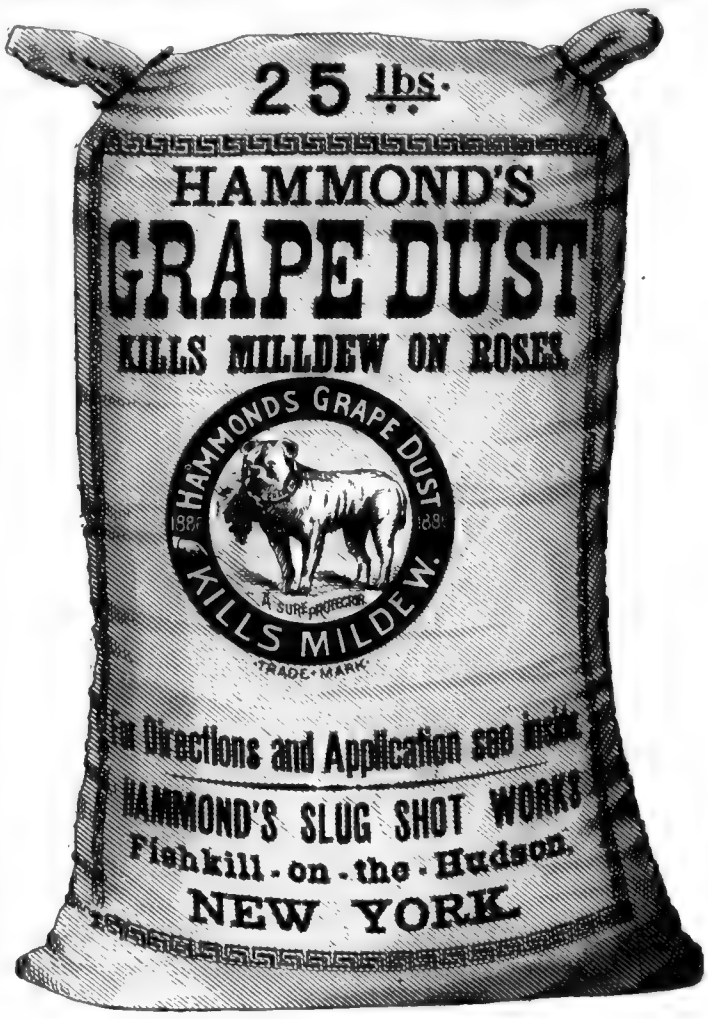
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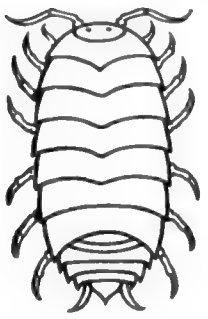
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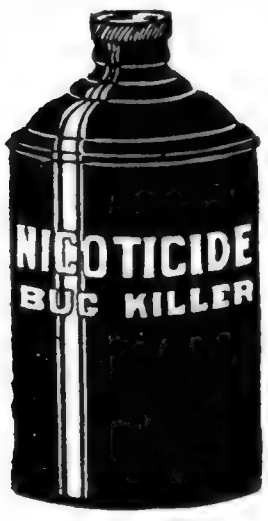
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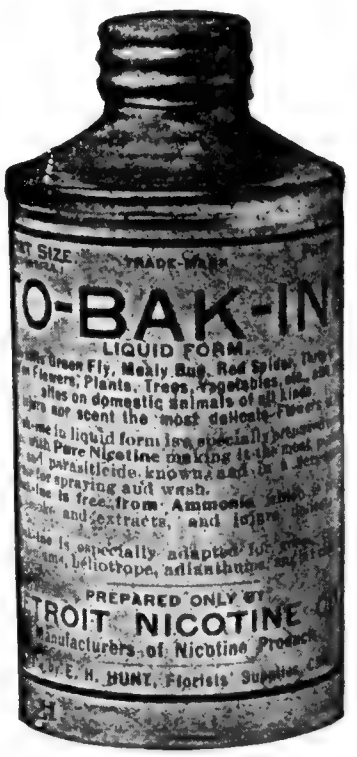
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LOUISVILLE, KY.

The Kentucky Society of Florists held its January meeting at Anders Rasmussen's establishment, 1108 Vincennes street, New Albany, Ind., Wednesday afternoon, January 3. President G. Robert Miller called the meeting to order and, after the minutes of the December meeting were approved, in a few fitting words installed the following officers for 1912:

President—Anders Rasmussen.
Vice-president—H. Kleinstarink.
Corresponding Secretary—August R. Baumer.
Financial Secretary—Gus Kleinsteuber.
Treasurer—Frank Kleinsteuber.
Sergeant-at-arms—Joseph Molck.
Trustee—Joseph Losson.

President Rasmussen, in accepting the chair, gave the members a short talk on what could be done by coöperation, and to stimulate the interest already manifest he offered three prizes for the best three papers, prepared by the members, upon subjects pertaining to our business. These papers are not to be signed, but to be sent to the president with a card of the author, and he will number them and they will then be read at the monthly meetings and at the end of the year a committee of members who have not entered papers will be named to judge the papers.

The next regular meeting of the society will be held at the store of Henry Fuchs, Wednesday evening, February 7.

NEW BEDFORD, MASS.

The Market.

Trade last week was good, but flowers are none too plentiful. Those offered include carnations, roses, violets, sweet peas, snapdragons, lilies, Paper Whites and stevia, but the latter are nearing the end. A few freesias are putting in an appearance and flowering plants are in good demand.

The severe cold spell which struck us last week has forced the growers to pile on coal to keep the houses from freezing up.

Various Notes.

Wm. P. Peirce had a nice window display last week. As his store is white, everything colored shows up beautifully.

It is rumored that Peter Murray, of Fairhaven, will build another big greenhouse and open a retail store in this city. Mr. Murray has quite a large range and everything is in fine shape.

E. Y. Peirce's roses are looking especially fine.

R. H. Woodhouse has a fine lot of Bride and Maid roses. W. L.

Raymond, N. H.—Irvin Folsom is preparing for a busy season in the early spring. He grows flower and vegetable plants for spring sales and does not handle cut flowers.



Write for Catalogue.

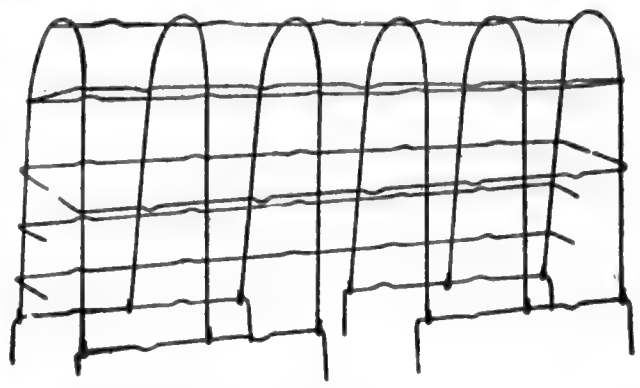
Tree Tubs and Brass Hoop Jardinieres.

The extension stave foot prevents the bottom from rotting. No chance for water to collect.

The American Woodenware Mfg. Co.
Toledo, Ohio, U. S. A.

Mention The Review when you write.

THE EUREKA CARNATION SUPPORT



Use this method and you will never regret it. I have had more than 20 years' experience, and have used from tying the plants to a wooden stake method on up to the present. Why is it they are making a two ring support instead of one nowadays? Because it is more economical. Now, I have taken a leap with same idea in view, only the material I use is half made, all ready, takes no machinery, no special labor. The ring supports are not a very profitable investment for anyone, manufacturer or florist; never have become popular, because they do not fill the bill. If any one wants one or more ring supports they can be made by far cheaper from the material I use than any other. But why fool away your time over individuality when you can do a whole row of plants up far better in nearly the same time? Why shovel coal when you can dump a whole cart load just as well? Some seem to think, because No. 18 wire and cotton string are cheaper, they are employing a very economical method. But there is a little narrowness in this thought, and no excuse whatever now for using such. I plant 11x8 inches. I find this most economical and satisfactory for large plants. I have at least 6 inches of clear space between each row, and plants have lots of room in the right direction; they get the direct sunlight between the rows; they are not strewn broadcast all over the bed like a wheat field. I do not cut buds for flowers, or string by mistake, and I can see all the dry spots plainly. I do not break flowers by running my arm among the plants. It will support sprawly Pink Delight and White Perfection as well as any other carnation. Since using this method our plants look 25 per cent better. If after paying for the permit and instructions any reliable florist has tried it thoroughly and is dissatisfied in any way, upon return of the permit I will refund him the amount paid. I want to do satisfactory business or none at all. Experience has taught me that this method of supporting carnations is the most efficient and economical, and experience has theory beaten to death. Nearly everyone entering our houses gives his unsolicited favorable comments, and the proof of what I say is before me daily. Send $5.00 for permit and instructions. Infringements or using without permission may cost more.

Patent applied for.

CHARLES A. BLACK, Jr., HIGHTSTOWN, N. J.

Mention The Review when you write.

King Greenhouses

WHY?

They are truly economical, being strong, lasting and easy to maintain. They are scientifically designed to stand all the strains in a greenhouse.

PRIVATE CONSERVATORIES and COMMERCIAL GREENHOUSES

each receive special treatment.

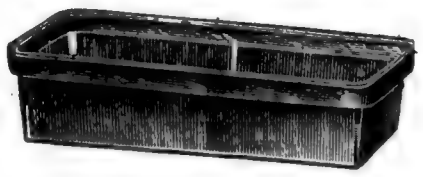
King Construction Co.

Home Office and Factory, NORTH TONAWANDA, N. Y.

Eastern Sales Office, No. 1 Madison Avenue, NEW YORK

Mention The Review when you write

PANSY AND VERBENA BASKETS



Small size, measure 9 inches long, 6 inches wide, 3 inches deep, put up 500 in a crate, per 1000.....$ 9.00

Large size, measure 13 inches long, 7½ inches wide, 4 inches deep, put up 250 in a crate, per 1000.....15.00

Detachable wire handles for either of the above, per 1000..... 2.00

Have the other sizes. Send for descriptive circular.

COLES & COMPANY, 109-111 Warren St., New York, N.Y.

Mention The Review when you write.

Anchor Brand Plant Tubs

EVERLASTING VIRGINIA WHITE CEDAR R C W RICHMOND CEDAR WORKS RICHMOND VA U.S.A.

Made of Everlasting Virginia White Cedar. Many styles —many sizes. Write for full prices and dealers' discounts

Richmond Cedar Works - - - Richmond, Virginia



Mention The Review when you write.

A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

NEW YORK BELTING AND PACKING CO. LTD

91-93 CHAMBERS ST. NEW YORK

PHILADELPHIA, PA. PITTSBURGH, PA.
CHICAGO, ILL. PORTLAND, ORE. BOSTON, MASS.
ST. LOUIS, MO. SPOKANE, WASH. BUFFALO, N.Y.
INDIANAPOLIS, IND. SAN FRANCISCO, CAL.

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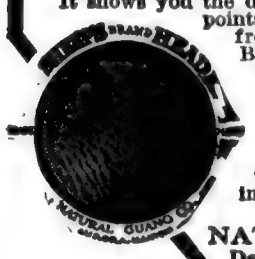
Quick Budding and Stiff Stems

Get into the market with better blooms—Sheep's Head Brand of Pulverized Sheep Manure will prove a money maker for you. Unsurpassed as an extra stimulant to plants, pots or beds. Will not cause black spot like stable manure. Free from weed seeds—always ready.

Carnations, roses, chrysanthemums and violets are particularly benefited. Send for booklet,

"Fertile Facts"

It shows you the dollars and cents view and points out the actual profits from using Sheep's Head Brand, and shows you how to prepare soils so that they will retain soluble plant foods near the surface of the ground within reach of the rootlets of growing vegetation. We will send you a copy of this interesting and instructive book free. Write to-day.



NATURAL GUANO CO.
Dept 28. Aurora, Ill.

Cattle Manure in Bags
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Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

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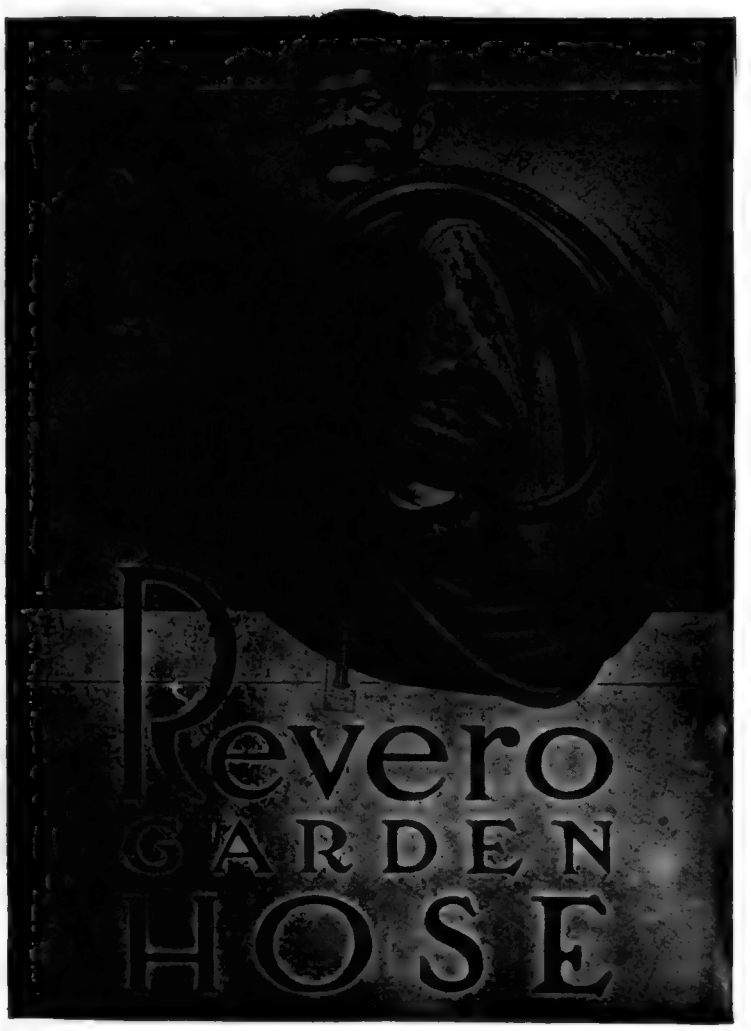
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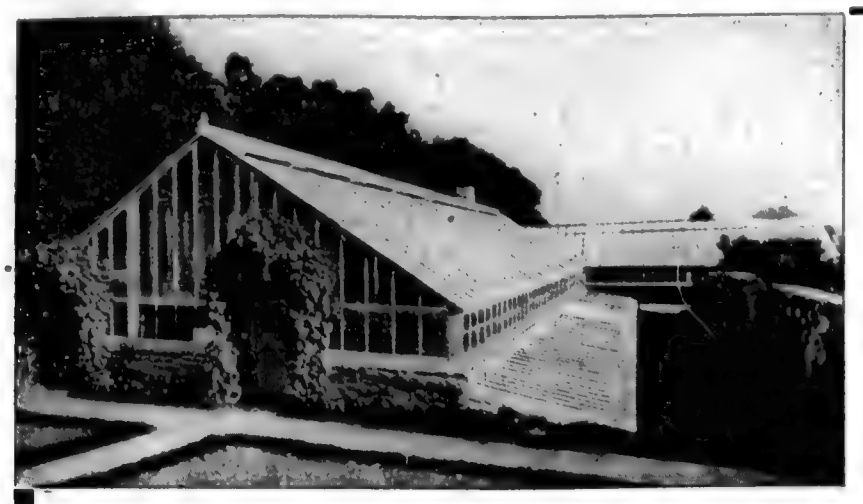
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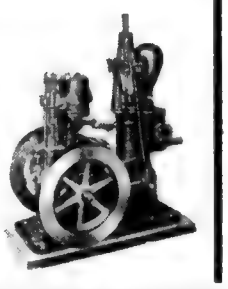
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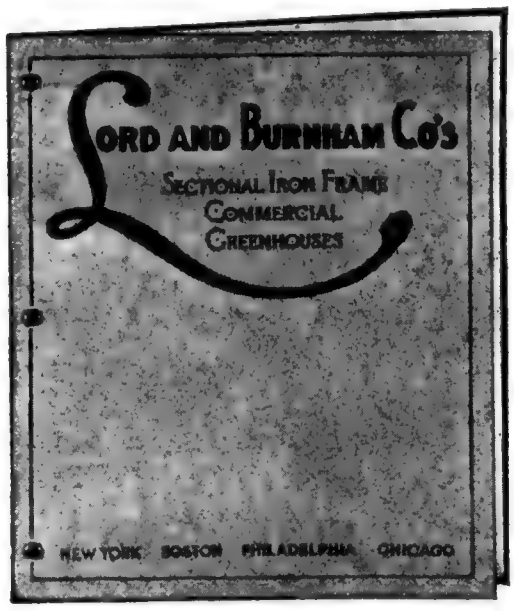
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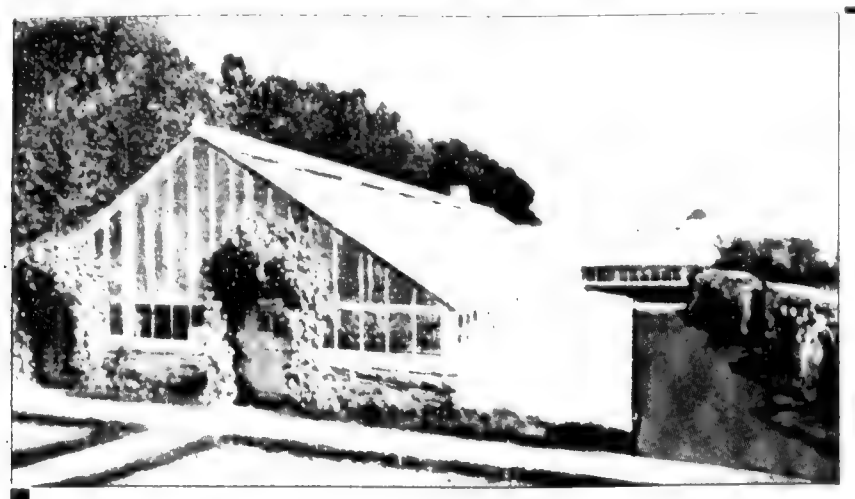
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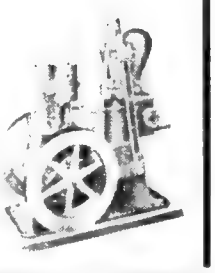
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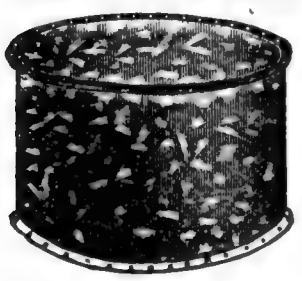
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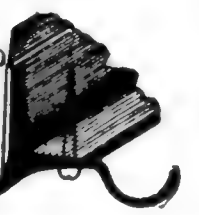
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THE WEEKLY FLORISTS' REVIEW

CAXTON BUILDING

508 South Dearborn Street

CHICAGO

Advertising forms close

TUESDAY

The latest hour at which advertisements, or changes of advertisements, can be accepted is 5 p. m. Tuesday.

Troy, N. Y.—J. G. Barrett began the new year by fighting a fire that threatened at one time to wipe out the entire place, but which was fortunately confined to a barn. Luckily for Mr. Barrett, his wagons and horses were gotten out in time.



SEASONABLE NOTES.

Bedding Plants.

Now is the time when bedding geraniums should receive attention. If they have been standing close together, they must be spaced so as to give each plant more breathing room. If left crowded, it will mean spindling plants and much decayed foliage. Any not yet potted on from 2-inch pots should get a shift right away. Fall rooted cuttings should now be rooted nicely in 3-inch pots, but as salable plants are not wanted until May there is still good time to pot and grow even smaller sized ones. A suitable soil consists of six parts loam and one part old manure. Spent hotbed or mushroom manure is good. It is well to sterilize it to kill worms, which are liable to be numerous in such manures. Add a good dash of sand also, and pot firmly. For the last potting I prefer to use fine bone in lieu of cow or horse manure. The plants grow less vigorously in it, but the wood is harder and shorter jointed, and, what is most important, the plants flower far more freely than when they have made a soft growth in compost containing rotted manure.

Temperature and Moisture.

Geraniums, after each potting, like a little bottom heat. In fact, they seem to enjoy it all the time, and it is especially helpful to them in winter. Do not play the hose indiscriminately over them. There is no need to wet the foliage at all, and the plants will keep much healthier if run a little on the dry side between waterings. A soft growth, with too much moisture in the soil and on the foliage, increases the probabilities of leaf-spot or blight. Maintaining a drier atmosphere, with less water at the root and none on the foliage, picking off all affected leaves and giving the plants a reasonable amount of growing space, is the best way to check the spread of disease in geraniums. I have tried spraying, but with indifferent results. Clean culture is what they need.

Propagation.

Probably there are many cuttings now in the progagating bench. Do not allow these to become too strongly rooted before potting them on. I prefer to place the cuttings singly in 2-inch pots of sandy loam, rather than insert them in the cutting bench. They like a bottom heat of 60 to 65 degrees. After getting one soaking watering, they should be run a little on the dry side until they root. Never give any shade and do not spray overhead, as you do with carnation or mum cuttings. With proper treatment ninety-five per cent should root without trouble, and, if kept potted on, these will make, not as large plants as the fall rooted ones, but nice, salable stock in 3-inch or 3½-inch pots. Give them a temperature of 55 degrees. For the earlier fall stock 50 degrees is better, while they will do well even at 45 degrees.

Good Double Varieties.

There are many florists who each year buy rooted cuttings or stock in 2-inch pots from specialists, and for some of these a list of first-class bedding varieties may be helpful. In doubles S. A. Nutt, dark red, is in great demand. Alphonse Ricard, rich vermilion red, is incomparable in its particular shade of color. E. H. Trego is a rich, dazzling scarlet, which makes a brilliant bed. Jean Viaud, mauve rose, is popular; so is Beaute Poitevine, shrimp pink, shading at the edges to white. La Favorite is a grand double white, and Comtesse d' Harcourt is equally good. Marquis Castellane, reddish crimson, beds beautifully; so does the old double giant, with orange scarlet flowers. Mme. Landry, salmon pink, shaded scarlet, was splendid last summer; so was Mrs. Lawrence, salmon pink, tinged with white. Marquis de Montmort, bright purple, is the best of its particular color. Among newer varieties of doubles these have proved good: Mme. Canovas, better than S. A. Nutt, scarlet, shaded maroon, beds beautifully; Jean Oberle, one of Bruant's best sorts, peach pink in color; President Baillet, another Bruant, rich scarlet in color, and Fleuve Blanc, a pure white Bruant.

Single Varieties.

In singles a boiled down selection of first-class bedders should include the following: Dryden, red, with pure white throat; Snowdrop, still the best white; Jacquerie, rich crimson scarlet, huge trusses, unequaled as a bedder; Paul Crampel, the most brilliant of all bedding geraniums, the most intense glowing scarlet of any in cultivation, enormously grown in Europe and does finely here; Telegraph, Lincoln red, a grand bedder, quite vigorous; Mrs. Brown Potter, clear pink, a gem; Mrs. E. Rawson, bright scarlet, and Granville, rose pink, white blotches.



SWEET PEAS DAMPING OFF.

Enclosed you will find some sweet peas, which I wish you would examine and kindly tell me what causes them to damp off. The soil they are growing in is composed of rotted sod and cow manure. I am giving them a bottom heat of from 55 to 60 degrees. Would too much moisture be causing the trouble? This is my first experience in sweet pea culture, and I shall appreciate any advice you may give.

H. A. B.

If the cow manure used was rather new, it would in itself be responsible in part for the damping off. Cow manure and rotted sod make an ideal compost. The manure, however, should always be well rotted. I would judge that your plants are in benches rather than in solid beds, and that some heating pipes are below the benches. Sweet peas are not benefited, but injured, by bottom heat. They love a cool bottom, and, provided good drainage is afforded, they succeed much better in beds than in benches. Another possible cause for the plants damping off is allowing the seedlings to remain too thick. They should be at least three to four inches apart in the rows. This may look thin at first, but the plants will make stronger haulm and branch much more freely than when grown more crowded.

If your soil is rather sour, which would be indicated by a scummy formation on the surface, work a little air-slaked lime into it and keep the soil scratched over frequently. In an acid soil damping off will be sure to start. Sweet peas like a good water supply. They also need plenty of sweet, fresh air. Anything approaching a close atmosphere is bad for them. While they can be grown cool in the early stages of growth, a temperature of 48 to 50 degrees while flowering will be found about right.

C. W.

SWEET PEA BUDS DROPPING.

I am mailing you under separate cover a branch from one of my sweet pea vines, which you will see has blasted buds. Can you tell me the cause and the remedy for this? They are in a house that is run at 52 to 55 degrees at night, and nearly all buds have come like the sample and have fallen off without producing any flowers to speak of. Last year I had the same kind of seed, had the plants in the same place and had an enormous crop, with stems as long as sixteen inches.

W. K. S.

Early in the season it is not at all uncommon for sweet peas to drop their earliest buds, both under glass and outdoors, and if your plants are just starting to flower I would not worry about it. Even if they are in the same soil

as last season, provided they are in solid beds and the soil has been liberally manured and deeply spaded over, they should do satisfactorily. Some of the best cultivators under glass do not change their soil, and their crops each year are splendid. Of course, it is otherwise in raised benches; I am presuming that yours are on the ground. Your night temperature, however, is decidedly too high for sweet peas. Drop it to 48 degrees at night. Air freely on every possible occasion, avoiding cold drafts; keep the surface soil well stirred and your plants should show a steady improvement. Avoid using nitrate of soda, sulphate of ammonia or other fertilizers high in nitrogen. Instead, top-dressings of pulverized sheep manure or fine bone, scratched in, are to be preferred. C. W.

CONVENTION AFTERMATH

For a full list of awards and an illustrated report of the Detroit conventions and exhibitions of the American Rose Society and American Carnation Society, at Detroit, January 10 and 11, see last week's issue of The Review.

AMERICAN CARNATION SOCIETY.

Closing Session.

At the closing session of the annual convention of the American Carnation Society, at Detroit, Friday morning, January 12, the experiment of holding a joint exhibition with the American Rose Society was approved by Peter Fisher, Eugene Dailledouze and Richard Witterstaetter, reporting as a committee on president's address, and by the society through the adoption of the committee's report.

C. H. Totty invited the society to hold its next exhibition and meeting at New York, in April, 1913, in connection with the National Flower Show, stating that $1,000 will then be offered for carnation classes. On motion of Eugene Dailledouze the invitation was accepted unanimously.

R. T. Brown, of Queens, N. Y., was then nominated for vice-president and officers elected as reported in The Review a week ago.

Secretary Baur read the report of the judges. This also was printed in last week's Review. Two additional awards were made to A. J. Stahelin, first in class No. 42, for arrangement of not more than 200 blooms, and second in class No. 43, for display of carnation blooms covering eighty to 100 square feet, no first being awarded.

President Valentine presented the gold medal to Peter Fisher, won on Gorgeous; the silver medal to R. Witterstaetter, won on J. A. Valentine, and the bronze medal and Hitchings sweepstakes cup to C. H. Totty, won on Wodenethe. Each one responded briefly.

A. M. Herr, S. J. Goddard and W. R. Nicholson were appointed a committee on final resolutions.

The meeting closed with the reading of Hugo Schroeter's paper, "Everybody's Flower," which also was printed in last week's Review. Mr. Schroeter's point of view is that of the retailer and, as most of the audience were growers, the discussion brought out quite a diversity of opinion. W. N. Rudd started the ball by dissenting from the suggestion that the growers should take a hand in relieving gluts. He said the law of supply and demand is immutable and that growers and retailers alike must adapt their business methods to it. He said he does not believe the street fakers are an injury to the retailers, because the street fakers' customers are not store customers, but the faker represents an additional sale for the growers, who must get the money the best way they can. J. T. Scott indorsed Mr. Rudd's remarks and M. A. Patten said he knew instances where fakers buy the best grade of stock but sell at close prices. Good summer carnations would not be new to the best markets, he said.

F. R. Pierson called attention to the difference between what the consumer pays and what the grower gets. He said the retailers should reduce prices and stimulate demand when markets are low, adding that this also would deprive the fakers of their best opportunity. He added that he looks forward to seeing growers eventually retailing their product, just as many already are wholesaling. W. W. Gammage said that his concern formerly wholesaled its product, but now retails most of it, and has found that the retailer must keep up a good average price or he can not exist.

Philip Breitmeyer said that he recently had changed his ideas and does not now oppose the faker. He said that the institution of a Saturday sale had convinced him that the retailers must wake up and adopt the methods employed in other lines of merchandising.

J. A. Valentine closed a very interesting discussion by saying that if the trade goes to the faker or anyone else it is proof that the other fellow is serving the public more nearly as it wants to be served; therefore methods must be changed as may be necessary to hold one's own—there can be no set rule.

AMERICAN ROSE SOCIETY.

The full list of awards at the Detroit exhibition was published in last week's Review, but later the judges placed two cups which the society has had on hand for some time. These had not been included in the regular premium list, but had been offered in a special list sent out by the secretary a few days before the show.

The Alexander Montgomery cup for new rose of American origin was awarded to Stockton & Howe, Princeton, N. J., for Rose Princeton.

The Ellwanger & Barry cup for sweepstakes prize for the choicest exhibit of perfect roses was awarded to A. N. Pierson, Inc., Cromwell, Conn.

THE SMOKER.

Formal banquets are no longer in favor—the smoker's the thing. Thursday evening the big dining room of the Cadillac hotel was filled with small tables, with a long central table carrying a buffet luncheon. There was a corncob pipe and package of tobacco for each guest, with plenty to keep the whistles wet. The doings began at 9:30 and lasted until midnight. George E. Browne, president of the Detroit Florists' Club, introduced J. F. Sullivan as master of ceremonies. He called on Richard Vincent, president of the Society of American Florists; J. A. Valentine, president of the American Carnation Society; A. Farenwald, president of the American Rose Society; P. J. Foley, president-elect of the Chicago Florists' Club; Wallace R. Pierson and several others, who made brief remarks. W. J. Lawrence, of Toronto, who has a splendid tenor voice, was warmly encored. His singing was a feature of the banquet given when the American Carnation Society last met in Detroit, eight years ago. Further entertainment was provided by a sextette and several vaudeville artists.

CONVENTION COMMENT.

The Detroit retailers maintained several tables during the show. J. F. Sullivan had a rose decoration. Gust Taepke had a table decorated with baskets of spring flowers. Carey & Fell used roses and violets. E. A. Fetters used roses. A characteristic English wedding table decoration was shown by Mrs. W. Munt, the wife of a recently arrived gardener. The Bemb Floral Co. put up a sectional cork bark summer house at one end of the hall, used for A. J. Stahelin's display of red carnations.

A. N. Pierson, Inc., Cromwell, Conn., was the largest exhibitor at the Detroit rose show, also as far from home as any. Over 2,500 cut blooms were staged by this one exhibitor.

Silver cups, once so popular for advertising purposes, are at a discount. The American Rose Society had several on hand that it was found difficult to dispose of.

It was an interesting circumstance that at one of the tables at the smoker at the Cadillac January 11 sat Wm. Martin, of Portland, Ore., and C. S. Strout, of Biddeford, a suburb of Portland, Me. There were the extremes met.

J. A. Peterson bought the birchbark pergola that occupied the center of the big hall and will put it up in his front yard at Cincinnati. Mrs. Peterson intends to cover it with climbing roses.

The gate receipts were divided, half to the Detroit Florists' Club and a quarter each to the Rose and Carnation societies, but they amounted to less than $500, which was only a drop in the bucket. The hall cost the Detroit Florists' Club $600, with $200 additional for covering the floor. Also, the Cadillac hotel was paid $1.25 a head for those who attended the smoker, nearly 250, including locals. These are just a

few of the expenses. The premium lists also ran into considerable money.

S. J. Goddard, South Framingham, Mass.; C. S. Strout, Biddeford, Me., and E. A. Peirce, Waltham, Mass., went to Dorner's, at La Fayette, and Baur & Steinkamp's, at Indianapolis, after the Detroit doings.

J. A. Valentine and W. N. Budd went to New York with C. H. Totty January 12 to close a contract with the Grand Central Palace for the National Flower Show, to be held the week of April 5, 1913. The National Flower Show committee is going into partnership with the Palace people as a means of avoiding a rent liability of some $2,000 a day.

None of the carnation novelties showed up as well as they did at the National Flower Show at Boston last March.

There was but one vase of the Lady Hillingdon rose in the show, but it attracted much attention. The only criticism was on the long neck.

Earl Mann, who represented the E. G. Hill Co., said that the concern's sales of Sunburst already exceed the sales of any variety sent out since Richmond and promise, before the season is over, to beat even the introductory season's sales of Richmond itself.

FRED DORNER AS A HYBRIDIZER.

[A paper by Prof. H. B. Dorner, of Urbana, Ill., read before the American Carnation Society, in convention at Detroit, January 10 to 12, 1912.]

At the earnest solicitation of your president, I am presenting to you today a paper on "The Work and Methods of the Late Fred Dorner in the Hybridization of Carnations." It is a pleasure to do this, as I was directly associated with him for a number of years in this, his most beloved work.

Fred Dorner was born in the little town of Schilltach, Baden, Germany, and it was there he spent the first seventeen years of his life. He inherited from his mother his great love of flowers and in his early years devoted a great deal of time to the care of her garden.

At the age of 17 he emigrated to this country and joined his brother at La Fayette, Ind. There he was employed for a number of years at various occupations. About 1870 he rented a place then known as Gaasch's Garden, and became a market gardener. In the little greenhouse on the place he grew a few potted plants, which were sold mostly from the wagon at the market place. Five years later he moved to Indiana avenue, where he had better greenhouse facilities. There his time, at first, was divided between the growing of flowers, fruits and vegetables, but as the demand for flowers became greater the growing of fruits and vegetables was omitted.

At this time his trade was purely retail and the houses were devoted to such miscellaneous stock as was required at that time. This, then, was the scene of his first achievements in carnation breeding.

His First Experiments.

In about 1888 Fred Dorner became interested in some experiments in the breeding of carnations being carried on by Mr. Van Landeghem, who had charge of the small greenhouses at Purdue University. He quickly saw the possibilities of the work and became so deeply interested that he took up this line of work himself. For this purpose he used the varieties which he was then growing, and which his records tell us were Silver Spray, Grace Wilder, E. G. Hill, Century, Buttercup, Hinze's White, Mangold, Mrs. Cleveland, Wm. Swayne, Sunrise, Robt. Craig and a variety called Purdue, which was raised by Mr. Van Landeghem, but never disseminated. In the following three years he added the varieties Starlight, Portia, Garfield, Tidal Wave, Andalusia, Golden Gate and Daybreak, which were all used in his work and show today in many of the seedlings grown.



Herman B. Dorner.

As the result of this first year's work in crossing, he secured about 500 seedlings. These were planted in the field and carefully observed, and those which he desired to test out were brought into the house. Well can I remember seeing him day after day carefully examining these wonderful flowers as they were opening. His records show us that of the 500 seedlings grown about twenty-five per cent were splits, fifty per cent singles and twenty-five per cent commercials. From this first year's work were secured the varieties Christina Dorner, Tecumseh, Hoosier, Mrs. Harrison, Indiana and Ben Hur. This, then, marks the end of his first year's work in the breeding of carnations.

His First Seedling House.

The growing of these seedlings necessitated further accommodations, and so a lean-to house, about fifty feet long and ten to twelve feet wide, was built and was heated by means of two stoves. The carnations were planted directly in the bench, the same as today, and were carefully observed and varieties selected for further testing. This little house was the home of the seedling carnations for two years, until he moved into his new range on the opposite side of the street. With this beginning he continued and from year to year grew many seedlings and offered to the public at least one new variety each year.

His work continued uninterruptedly for twenty-one years and during this time he grew over 150,000 seedling carnations. Of these 150,000, not more than seventy-five ever reached the market. The larger number of them went to the dump-heap, but we can not say that their existence was in vain, for many of them were the ancestors of some of his best varieties of today.

Fred Dorner always believed that many of the failures of new varieties were due to the fact that the owners treated them and thought of them as they would pets. They could only see their good qualities and not their shortcomings. After the first few years, with this idea in mind, he insisted upon a thorough test of each variety and would not disseminate it until he was thoroughly convinced that it was better than something already on the market or that it might fill a gap somewhere. It can be truthfully said that no variety was put on the market from his greenhouses unless, as nearly as he could tell, it possessed qualities that would make it a good market variety.

A List of His Varieties.

It may be of interest to have a list of the varieties resulting from his careful and painstaking work. This list does not include all of his varieties that were disseminated, but merely those which he put upon the market himself and those disseminated by E.

G. Hill early in the nineties. The list is as follows:

Christina Dorner	Ceres
Tecumseh	White Cloud
Hoosier	Mary Wood
Mrs. Harrison	G. H. Crane
Indiana	Lorna
Ben Hur	Morning Glory
Richmond	Dorothy Whitney
Purdue	Stella
Spartan	Sibyl
Mrs. Elizabeth Reynolds	Apollo
Mme. Diaz Albertini	Alba
Dr. Smart	Senorita
Blanche	Mauvina
Wabash	Bizarre
Wm. Scott	The Belle
Western Pride	Neptune
The Stuart	Lady Bountiful
Storm King	Eclipse
E. A. Wood	Aureola
Uncle John	Fiancee
Michigan	White Perfection
Goldfinch	Red Chief
Dazzle	Bonnie Maid
Mrs. C. H. Duhme	Winona
Meteor	Pink Delight
Bridesmaid	Scarlet Glow
Mrs. G. M. Bradt	White Wonder
Gold Nugget	Gloriosa
	Rosette

Many of you are familiar with this part of his work and perhaps would be more interested in the methods used in securing his results. One rule which he insisted upon following was the selection of the best, and the use of none but the best varieties in his breeding work.

He selected as the time for crossing the months of January and February. This selection was made for two reasons: First, because the flowers at this season were at their best and so he had a fair idea as to form, color and growth; the second, and perhaps most important reason, is that at this time of the year there were no insects to interfere with the work. When insects are present they carry the pollen from flower to flower as they seek the honey, and make it impossible to have pure crosses unless each flower is carefully protected by means of a paper bag. This last operation would mean a great expense where from 700 to 1,000 crosses are made each year. This expense is not so much the cost of material as the time necessary to put the bags on and to remove and replace them.

The Production of Seedlings.

In preparing his flowers for seed, the first operation was emasculation, or, in other words, the removal of all stamens. The flowers were selected before the anthers were open and the stamens and inner petals were cut off at about the top of the calyx. The outer petals were left intact, as they always fold up when the ovules are fertilized and so make good indicators. The flower was then staked and left until the pistil was receptive, as was shown by its hairy condition. The pollen was then transferred from the flower selected by means of a camel's-hair brush to the pistil of the emasculated flower. In a few days the petals would curl and close toward the center and, after they had become dry, they were entirely removed. Later, when the seed pod had almost reached full size, the calyx was cut away, so as to prevent moisture lodging at the base of the pod and causing it to decay. The seed, which was ripe by March and early April, was gathered and sown within two or three weeks. The young seedlings were transferred to pots and planted in the field as soon as they were large enough. In the field the plants from each pod had their label, giving the number of the cross and the parentage. These plants were allowed to grow without topping and, as soon as they began to flower, selection was made of the plants to be taken into the house. During some years more than 2,000 seedling plants were benched.

The best varieties are those which flower earliest in the field, and so none of these were neglected. As the plants flowered, all those with double flowers and perfect calyx were marked and then topped, so as to make them branch as much as possible. This selection was continued up to the time that the plants were removed to the house. The seedlings were always some of the last to be brought under shelter and so all the good varieties had a chance to flower outdoors. All varieties not producing blooms by the time of the early frosts were left in the field with the singles and splits, as they were entirely worthless because of their cropping habit. In this manner all the croppers were eliminated.

Testing the Seedlings.

In the house each plant was given a label upon which was the number of the seed pod, and, as the plants began to flower, all promising varieties were selected for a second year's trial and given a new number with the year. The cuttings were made from those plants selected and given a second year's trial. If they showed up well the second year they were carried on for a third year, but it was not until after a fourth year's trial that they were placed upon the market. During the time of growing seed, during January and February, no flowers were removed from the second and third year plants, as it was desirable to test their keeping qualities on the plants, as well as to have the flowers for crossing purposes. In this way one was also able to test the color, as to whether or not it would fade out in the sunshine.

Fred Dorner possessed the happy faculty of seeing the future possibilities in the various varieties. In his work he would use for the growing of seeds varieties that to an outsider seemed poor. However, an intimate knowledge of the variety itself, as well as its parentage, suggested to him that it might be the basis of a large flower, a good calyx, a long, stiff stem or a good constitution. Unless the breeder possesses this faculty to a greater or less degree, his work will be entirely haphazard.

He also realized that system and the keeping of records were absolutely necessary for success in his chosen work. He not only thought that the records were necessary, but he kept them with him at all times during the flowering season, so that when, in walking through the house, his attention was attracted to some variety, he was able to look up its parentage and find where it derived its peculiar qualities. These records consist of the number of the plant, the year, the number of the seed pod, the parentage, the color and notes on the habit. He made further study of his various seedlings and would spend much time passing from plant to plant, noting its good and bad qualities and studying its ancestry. He was so familiar with them that he could call hundreds by their numbers and give their parentage.

His Method of Selection.

After the first few years no foreign varieties were used in his work, on account of the fact that these varieties might have had ancestors with objectionable qualities that might show up at any time in the progeny. His work, then, was confined to his own varieties and especially to those in their second and third year's trial. Only such plants as had good constitutions were employed. Such varieties as were subject to stem-rot, rust and other diseases were discarded, as he always had in mind the development of disease-resistant varieties and worked with that end in view.

Before discussing his rules concerning color, foliage; stem and calyx, it might be well to get some conception of his ideal carnation, towards which he was ever striving. He realized that without a good foundation a plant could not produce good flowers nor many of them. His first requisite, then, was a plant that should have branches in all stages of development, and which, when planted in the bench, should show the same number of flowers and buds during the entire year. The leaves of the plant were to be broader and shorter than those varieties that belong to the class known as croppers. The leaves were to have a strong bluish green color, as this is the natural color of those carnations that have strong constitutions. The stems were to be long, and stiff enough to carry the flowers. This did not necessarily mean that they were to hold the flower perfectly erect, as he preferred that the heads should bend just slightly toward the side and so prevent them from looking stiff. The flowers themselves were to have purity of color, were not to be overfilled with petals, were to have size, symmetrical form and fragrance and were to have a non-splitting calyx.

Securing the Right Color.

With this ideal in view, he applied certain rules in order to approach his goal. The early seedlings showed a great variety of color, due to the fact that in an effort to build up a strong constitution it was necessary to use varieties that should have been in classes by themselves. After building up the constitutions it was necessary to secure pure colors. This he accomplished by the careful selection of the colors used. In order to develop a white strain he used white with white, never adding any other color. To secure pinks he used pink with pink, paying little attention as to whether they were light, medium or dark, but to get the clear pinks, as represented by Fiancee and Gloriosa, it was necessary to eliminate the use of any pink with a blue or red undertone. To secure reds he used red with red, or used yellow with his red in an attempt to intensify the color. In speaking of reds in this case, we of course include all the scarlets. For yellow he used yellow with yellow, or in some cases used white or red with the yellow, the red being used to deepen the yellows. Scarlet maroons were used with scarlet maroons or scarlets. Purple maroons were relegated to the purple class. All shades of purple and lavender were used together. In the case of the variegated varieties the course was determined by both the ground color and the variegation, so that with a red and white variegated flower a red and white variegated might be used, or a clear red or white. By following these rules he developed what might be called color strains which, when used together today, give colors of the same value.

Foliage, Stem and Calyx.

In regard to foliage, he always made it a rule never to use together two plants with heavy, coarse foliage and heavy stems. He preferred using a variety with fine foliage with these coarse foliaged ones. While it is true that the coarse growing varieties give the largest flowers, they do not produce enough of them to make them good commercial varieties. The plant with the intermediate foliage is usually the best, giving more flowers of a good, average size.

He always made it a rule not to use, if possible, two short-stemmed varieties, but to use a long and a short stem together, or two long-stemmed varieties. The union of two long-stemmed varieties in many cases gave short-stemmed ones in the first generation, but they also gave long-stemmed ones again in the second or third generation.

Where varieties having large flowers or an overabundance of petals were used, the pollen was secured from flowers inclined to be semi-double. This was, in a way, to prevent the bursting of the calyx. However, it is not always the number of petals, but the way in which they emerge from the calyx, that causes the calyx to split. Where the petals push out from the calyx and continue to develop afterward, there is little trouble from splitting. But where they start to expand before issuing from the calyx the calyx is sure to split. This he always kept in mind.

Before closing I should like to call attention to a race of carnations, if I may call it such, which are direct descendants of the Daybreak, which has played such an important role in carnation breeding. Among the seedlings raised from Daybreak was White Cloud. Lorna, the next of the series, is a seedling of White Cloud. From Lorna came The Belle and from The Belle came White Perfection. White Wonder, the latest of the series, is a seedling of White Perfection. This series is the only one that has ever occurred among the new varieties sent out.

In closing I should say that Fred Dorner's greatest pleasure was to have his florist friends visit him and spend a few hours among his favorite flowers. The work to him was ever fascinating and never lost its charm.

AMONG THE ROSES IN EUROPE.

[A synopsis of a paper by Robert Pyle, of West Grove, Pa., read before the American Rose Society, in convention at Detroit, January 10 to 12, 1912.]

It is a real pleasure to live over again in thought the experience of last summer among the rose growers and in the rose gardens of western Europe. I shall try tonight to tell you what I saw of roses and rose growing among the people, in the public parks and among the rose growers themselves in the countries of France, Germany, the Grand Duchy of Luxemburg, England and Ireland, and to tell you, so far as I can, what they told me. If, in passing, we should take a look at some other phase of horticulture as produced by the Europeans, I trust you will not feel it departing too far from the subject in hand, and possibly a glimpse of the life among the people who do or who do not have roses of their own will serve as a setting of this description of our co-workers on the other side of the water.

Furthermore, may I ask you not to be disappointed if what you hear has to do mainly with roses as produced from open-ground culture? Although I think I came in contact with the leading rosarians in each of the countries before mentioned, I saw comparatively little of the roses being forced for the cut flower market.



Pernet-Ducher, Originator of Sunburst, and His Glass.

In the Long English Summers.

To be sure, the summer climate in some of these countries permits such perfect blooms that in England, for example, I recall having visited one prominent grower who was just making a shipment of some thousands, I think, all red blooms, for a fete day at the University of either Oxford or Cambridge. All these were being cut from the open ground early in July. But I hope you will be interested in hearing somewhat of the conditions that obtain with those men abroad who are enthusiastically devoting the best of their lives to producing such roses as will meet the demand of our cut flower trade. For example, I just missed meeting one enterprising American rose grower, who has been accustomed, every other year at least, to spend six weeks in the homes and gardens of these particular hybridizers, in watching, comparing, discarding and selecting a rose or roses that he hopes will be a reputation maker in America. And right here comes in another point, which those getting roses from abroad must bear in mind, that roses which thrive splendidly in Ireland, for example, may fail in America, and vice versa. One of the most prominent members of the American Rose Society was suprised to find in Europe one of his own pet introductions far surpassing anything he had ever seen it do at home.

Last summer in England was an unusually dry one; vegetation suffered, and the roses too, until late in the season, for I understand the fall shows were a great success.

Among the Colchester Growers.

Let us go first to Colchester. We arrive at 7 in the morning. Nearest the station is D. Prior & Son, the old gentleman having retired, leaving affairs in charge of his son, who is manager, with Mr. Heath, the foreman of sixty men.

A half mile away are Benj. R. Cant & Sons, among the largest of the growers, I think, in England. They report 100,000 tree roses in 200 different varieties; they had sixty men at work on fifty acres, with a most interesting trial garden, showing not less than 400 or 500 varieties, the most of them blooming luxuriantly. They were also growing climbing roses under glass even in July. And another item of interest came to my attention as I approached their office through the fields, when I found the men had just left for breakfast after an hour and a half, or more, at work; and one old gentleman laborer, too lame to walk far with the rest, was eating his breakfast from a pail. He outlined their day's work, which is quite as long as ours, with this difference, that the men left home and started work earlier, but stopped oftener through the day, with a lower wage than is customary on our side.

Furthermore, rose growing seems to run in families. We cross the road and two fields and come immediately to the establishment of Frank Cant & Co., another many times winner of the coveted trophy awarded by the National Rose Society for the champion rose grower of the year. Mr. Cant is mayor of Colchester at present, and as such had recently taken part in the many processions held in honor of the coronation. Mr. Nevard and his men referred to Mr. Cant as "The Governor," but this is the customary way of designating the proprietor of all the establishments there.

In the Outskirts of London.

London is the most convenient center from which to visit Colchester; also Canterbury, the home of George Mount & Sons, and Farnham in Surrey, where are S. Bide & Son, specialists in sweet peas and other horticultural lines, as well as an extensive rose business; and most interesting and quite as important as any is Waltham Cross, the century-old place of Wm. Paul & Son, now in charge of Arthur William Paul. During my visit he was interrupted once or twice by his foreman, to inquire especially regarding an order being made ready for the gardens of the royal palace, which constituted one of their best customers.

Two stations beyond, at Cheshunt, is another firm, Paul & Son, George Paul, proprietor. Among all these growers

one is impressed by the fact that they are handling two or three times as many varieties of roses as are the largest dealers on this side of the water.

En route to Ireland, we will stop at the establishment of Kelway & Sons, at Somerset, and see their splendid assortment of hardy perennials, with their sample perennial border for the benefit of patrons who visit them, and their acres upon acres of peonies, which are so beautifully reproduced in color in their 342-page catalogue.

Reaching Liverpool, it is a small matter to take boat at 10 p. m., and if you are an early bird you will be up in time to see the glory of the morning light on the beautiful harbor of Belfast, a fitting birthplace for the ocean liners like the Olympic and the Titanic, the latter of which we passed as it was still stripped and was being finished and furnished near its launching place.

Some Famous Belfast Growers.

There are three great rose growers near Belfast and each one is the best. Across the street from my hotel was the town store of Alexander Dickson & Sons, of Newtownards; they are probably best known to American growers. But of similar prominence there is the firm of Hugh Dickson, proprietor of the Royal Nurseries of Belfast and the winner this year of the national trophy, and thus declared champion rose grower of the year in the British Isles. The proprietors of both firms are grandsons of the original Alexander Dickson. As you well know, both firms are doing excellent work in producing, almost annually, new roses of unquestioned merit.

In Belfast you will find almost everyone knows Samuel McGredy & Son also. The present proprietor is a cousin of the Dicksons. He does his own hybridizing. He also has a son at college, so that it looks as if there was good promise of good roses to come from Ireland for many years yet, for certainly the climate is what the roses like, the soil is great and they do grow magnificent flowers. I noticed on the lawns around their homes a real riot of roses. Mrs. Roosevelt, for example, a whole bed of them, had blossoms twice as big as any I had ever seen growing in the open here. Caroline Testout was quite as fine as we have it in Portland, Ore., if not finer. Hence, when one was introduced to a new, unnamed seedling, and the price of $500 or $1,000 was put on it, the question that immediately claimed one's attention was, "How will these roses do in America?" But they have to be tried.

[To be continued.]

Troy, N. Y.—Samuel Hansen, of Lansingburgh, has built up a snug business during the short time he has been here. The owner of a fine range of glass and assisted by his better half, he considers himself a lucky man.

Burlington, Vt.—A. Gebiecke reports good business. Formerly a pupil of Charles Thorley, he has introduced many up-to-date ideas learned in New York city.

Bennington, Vt.—L. C. Holton has plans formed for extending his plant. The beautiful decorations surrounding the famous battle monument, so much admired by visitors, are done at his establishment.

ROSES IN MISSISSIPPI VALLEY.

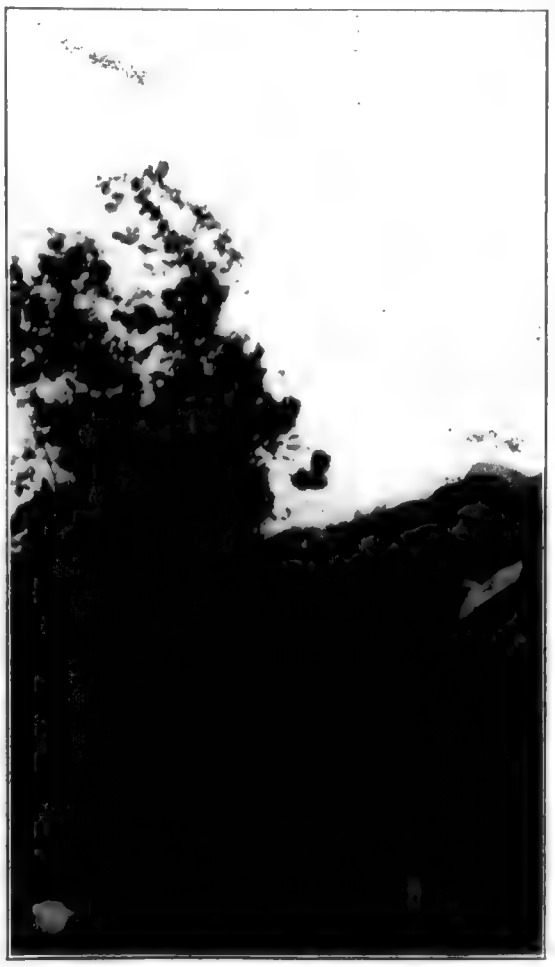
[A paper by Charles W. Fullgraf, of St. Louis, Mo., read before the American Rose Society, in convention at Detroit, January 10 to 12, 1912.]

In answer to a request by your society to Otto Koenig, St. Louis, for a brief article on "Roses in the Mississippi Valley," I beg to submit the following paper. It is rather a collection of notes from the representative rose growers in the vicinity than my own ideas, especially in regard to forcing, as I am interested entirely in outdoor work.

Presuming that the majority of those present are practical growers, I am only touching lightly on the general culture of greenhouse roses, confining myself generally to the varieties, the insect pests and plant diseases, and the type of houses used in my vicinity. In dividing the subject into forcing roses for cut flowers and outdoor roses, chiefly for home use, I will take up the forcing first.

Greenhouse Roses.

The culture of roses for cut flowers is not carried on very extensively in



P. Lambert and His New Climber.

the immediate vicinity of St. Louis, the majority being shipped mostly from Illinois and Indiana. This is caused by the cost of fuel and also the natural soil of these states; it is much richer than that west of the Mississippi river, which is mostly hard, yellow clay. There are, however, a few growers who are growing excellent stock in our vicinity.

In sizing up the situation, I believe that one of the most important factors is the selection of a proper location and the erection of suitable houses. An ideal location is on a south hillside, which is protected on the north and west by buildings or a heavy growth of timber. If this can not be obtained, any piece of ground that has an unobstructed southern exposure is acceptable. Where there is no protection from the north and west, of course the fuel consumption will be greater.

The Construction of the Houses.

The construction of the houses is, in the opinion of many growers, a most important factor. The principal thing is to obtain all the light possible during the winter months, when the crop is most valuable, and the growers of this vicinity are unanimous in their selection of wide, high houses, ranging from twenty-five to fifty feet wide. The majority favor houses thirty-five to forty feet wide, with sides seven to nine feet high, half of which should be glass which is used as ventilation. There are a few large detached houses built in this section, but those of the ridge and furrow type are more common, as they are cheaper to construct and I think give practically the same results. But the two-thirds and three-quarters span houses, with the long side to the south, are considered more desirable, as they give more light when it is needed most. These houses require slight shade during the hotter portions of the year. The high houses give a much better circulation of air, and a more uniform temperature can be maintained.

The heating of these large houses should be done by steam, as steam heat is more flexible than hot water heat and requires less piping. The principal objection to steam is that it requires constant attendance, but, as it is necessary to have a man to look after the heating plant of places of this size at all times, that objection is removed. Both low pressure and high pressure at the boiler, with reduction valves and steam traps, are used; the latter proves to be more economical, as a cheaper grade of fuel can be used.

The interior arrangement, the soil, etc., are too generally known to be discussed at this time, but one advantage of houses of the ridge and furrow type is a walk beneath the gutter, as that space is practically valueless for rose growing. The majority of growers use raised benches, about three feet from the ground, that height being most convenient for work on the benches.

The Varieties and Their Treatment.

As to the selection of varieties, the following are considered, by all the growers whom I have consulted, as being the most satisfactory: Killarney, White Killarney, Richmond, Maryland, Mrs. A. Ward, American Beauty and a few Ivory and Perles. Of these varieties, the first five named are grown extensively and give good results for three to four years, but it is much better to plant the Beauties and Perles every year. The young plants should be benched as soon after May 1 as possible, but, where replanting old plants, these can be moved as late as August with comparative safety. American Beauty plants are used by some growers, after they are taken from the benches, for pot plants for the following spring. They are planted out in the field, to be potted up and placed in coldframes in the fall and brought out and forced as needed during the winter and spring. They make good pot plants and demand a good price.

The insects and diseases which have given the most trouble are thrips, mildew, black spot, rose-leaf roller and green fly. Of these, thrips seem to

have caused the most trouble. They are generally combated with nicotine in different forms, and one grower is getting results from the use of Paris green and brown sugar, used as a spray. Sulphur painted on the pipes is the chief method of treating mildew, while hand-picking is the best way of checking the black spot. Green fly is easily controlled by fumigating with nicotine preparations, and the leaf roller by the use of arsenic poisons. Hydrocyanic gas has not as yet been thoroughly tested, but I believe that where the houses are air-tight it will come into use in the future. Where the houses have many air-holes, the gas is wasted and will not give good results.

Outdoor Roses.

The growing of outdoor roses is divided into two classes, one for cut flowers commercially, and the other for home use. The cultivation is practically the same in both cases, except that where there are only a few roses grown, greater care in the preparation of the beds can be used than when growing in the fields in large numbers.

The varieties which are used for commercial purposes are naturally good for garden and home use, but there are a large number of additional varieties which prove quite satisfactory in the garden, though not valuable for the growing of cut flowers.

In growing roses in the open, the first thing to be considered is the location, as they must have the most light and sun possible, and, if possible, they should be protected on the north and west from the winter winds. It is best to plant them on the south side of a hedge, a building or other wind break. The land should be high and well drained, as the roses will not thrive in cold, wet soil. If the soil is inclined at all to be soggy, it is best to put in artificial drainage immediately, as it will be far less expensive, saving the loss of at least one year's time, than to wait and see if the plants will grow. In case the plants do not thrive the first year, it is well to immediately look into the conditions, as it is useless to continue under the same conditions.

Preparing a Garden Bed.

In preparing the ground for a rose bed, the soil should be removed to about two feet in depth and, if the subsoil is clay, the clay should be entirely removed and the drainage, if necessary, put in at that time. It can consist of broken brick, rock or other similar materials, or 4-inch clay tile with cinders which have weathered for a year or two, and should have an outlet to a drain or lower ground level.

The soil for filling the bed should be made up of about seventy-five per cent of good clay loam, five per cent of bone meal and twenty per cent of well rotted manure. This should be filled in to within six inches of the top and packed firmly, and the remainder of the bed should be filled with good loam, leaving out the fertilizers, as it is desired to have the plants make as deep a root growth as possible. Where the loam is extremely heavy, it is well to lighten it with sand or humus for the planting of the everblooming roses, especially the hybrid teas, but the hybrid perpetuals seem to prefer the heavy soil. As the roses in this locality should be planted as early in the spring as possible, it is best to prepare the bed the preceding fall, mounding it up to allow for settling of the loose soil, and moving the surplus in the spring.



Mixed Roses in a Japanese Straw Vase.

Planting in the Garden.

Hybrid perpetuals should be planted about two feet apart, but everblooming roses can be planted eighteen inches apart without crowding. However, if space permits, I prefer to have both kinds a little farther apart. When planting, the earth should be thoroughly packed around the roots, and the entire bed should be soaked with water. This applies to roses in the dormant state, but in planting roses of the evergreen type I much prefer plants which have been made from the cuttings the preceding August, kept growing during the winter and planted after the danger of severe frost. These plants should, if properly grown, be in 3-inch pots and should be given a large amount of loam the first year, and will become thoroughly established with little trouble. The plants should be kept cultivated until about June 1, when they should be mulched with about two inches of rotted horse manure or leaves, to retain the moisture during the hot months of the summer. The watering of roses during the summer is quite important and should not be done until absolutely necessary, and then a thorough soaking should be given, say about once a week, as light watering or sprinkling does more harm than good.

The insects which are most troublesome are the leaf roller and the green worm which eats out the buds, though the green fly sometimes becomes troublesome also, in wet weather. These pests are easily controlled, as before mentioned under greenhouse culture, with the exception of the worm which eats the buds, and which has to be picked off by hand.

Mulching and Pruning.

The care of roses during the winter months comprises a careful mulching with straw or leaves as soon as the ground is frozen, and the pruning, which is done in the spring. The pruning of roses is for the purpose of obtaining more or larger blooms, and as the flowers are borne on new wood produced from the current year's growth, all old wood should be cut away each year, except in the case of climbers and other tall growing sorts, where it is necessary to retain the old canes. These should be removed, one or two at a time, as new ones grow.

It is well to cut everblooming roses almost to the ground, as they give better results than when only lightly trimmed. As to the hybrid perpetuals, if it is desired to have a few large blooms, most of the canes should be removed to the ground and the remaining canes cut back about one-third, but if a large number of blooms are wanted, the canes should be practically all left, removing only a few of the older canes which are non-bearing.

The varieties used are governed by the use to which they are to be put. In cases where the owner goes away for the summer and does not come back until late fall, the hybrid perpetual roses are largely planted, but where the place is occupied the entire summer, and where the flowers are used for commercial purposes, the everblooming roses are used entirely, except in connection with shrubbery roots, where a few hybrid perpetuals are sometimes used with Rosa rugosa, which is classed among the shrubs.

Planting Field Roses.

Planting for commercial purposes is similar to garden culture, except that the ground is covered with manure, then plowed as deeply as possible and harrowed, instead of digging out and replacing the soil, as this process would be too expensive. The beds are usually made as long as possible, with about six rows of plants between the walks, thus giving the easiest manner of cultivation and gathering. The varieties which are commonly used for commercial cutting are Kaiserin, white and pink Cochet, Detroit and Mme. Grolez.

The best everblooming roses for garden use include the foregoing and, in addition, Antoine Rivoire, La France, Mrs. B. R. Cant, Gruss an Teplitz, Hermosa, Clothilde Soupert, Rhea Reid and Kaiserin. Among hybrid perpetuals are Paul Neyron, Mme. Masson, Clio, Boule de Neige, Anna de Diesbach, Eugene Furst, Frau Karl Druschki, Mrs. John Laing, Ulrich Brunner and Margaret Dickson. The best climbing roses are Dorothy Perkins, Crimson Rambler, White Dorothy Perkins and Alberic Barbier.

I have found that roses as a whole do not do well in St. Louis, owing to the fact that it is quite smoky, but that Rosa rugosa, which is used as a shrub, seems to do exceedingly well, no matter where it is placed or in what kind of soil. We do not use many of its varieties, confining ourselves principally to the Japanese type and the white variety.

Of the climbers, Dorothy Perkins and Crimson Rambler are most commonly used, Dorothy Perkins being the favorite, as Crimson Rambler becomes mildewed and looks quite shabby late in the summer.

In my capacity as landscape architect, I find that most people desire a rose bed somewhere on their premises, though few care to have a rose garden, as they deem it too much trouble.

SEASONABLE SUGGESTIONS

Spiræas.

This is a good time to start a batch of such spiræas as Gladstone, compacta multiflora or astilboides. It will take ten or twelve weeks to flower them in a temperature of 55 degrees at night, but at 60 to 65 degrees, which they will stand and thrive in, they will be advanced fully two weeks. Plants wanted for Easter sales should not be started until February 10, in a night temperature of 60 degrees. This will bring them nicely in flower. If, however, the pink variety, Queen Alexandra, is wanted it should have a clear fortnight longer to bring it in season. Always remember, with the last named sort, that in order to retain its beautiful peach-pink color it should be kept in the shade while opening. Spiræas like a generous soil and, when growing, they can hardly be overwatered.

Marguerites.

Any marguerite plants now in 4-inch pots, if given a shift into 6-inch, will make excellent Easter plants. They should not be pinched after this time. A carnation temperature, 50 to 52 degrees at night, suits them. Larger plants which have their pots well filled with roots should have copious supplies of water and liquid manure; three times a week will not be any too often, as they are gross feeders. A batch of cuttings taken now, selecting shoots which are not forming flower buds, will make nice plants for Memorial day sales. Or, if preferred, they can be planted outdoors in May and lifted in September, and will make excellent Christmas plants.

Bougainvilleas.

Plants of Bougainvillea Sanderiana and B. Cypheri, the best two varieties for spring flowering, should now be taken from the cool house, where they have been resting, and started in a night temperature of 60 degrees. If the pots are rather small and much matted with roots, give them a shift, but not a large one. Many plants will need nothing more than a good top-dressing of fibrous loam and fine bone. Syringe the plants freely until growths start and give them an open, sunny bench all the time. As soon as plants which were not potted are nicely started into growth, feed regularly with liquid manure.

Double Feverfew.

The double feverfew is a useful cut flower for Memorial day trade. It is not much wanted at any other season, as its odor is rather too pronounced to be agreeable, but anyone who gets his benches of it right for Memorial day will net as much money on it as on any other crop he can grow. The plants should be benched sometime during the present month, and a cool house, 45 degrees at night, grows them best. Use any soil that will grow mums, violets or carnations.

Stocks.

It is a little early yet to sow stocks for Memorial day, but they are useful cut flowers at any time previous to that date. It will hardly pay, however, to grow them heavily. They are not wanted at all at Easter, and at other seasons, aside from Memorial day, the call for them is only moderate. White and pink Column are good early forcing varieties. Beauty of Nice, of a beautiful pink color, is perhaps the best seller of all. When well grown, this is a really superb variety. Early ten weeks is the strain mostly grown, especially for May flowering; the leading colors are white, pink and lavender, but for Memorial day trade the bright colors sell well. Sow the seeds in pans or flats of light soil and cover with sand. If you have any mice, cover the flats with glass until the seeds germinate, as mice are partial to them.

Lilies for Easter.

If your lily plants are only just through the soil, they will need a brisk and steady heat to flower them for Easter; 65 degrees at night is not too much. Any which are six to eight inches high are all right, and in a minimum temperature of 55 degrees they will be on time. It is better to do some forcing now rather than later, when the buds are formed. Remember, you should be able to see and count your flower buds by February 20, or you are late; so give all laggards a warm house, to send them along as rapidly as possible.

THAT THREE-NAMED ROSE.

Further regarding the article under the heading "That Three-Named Rose" in the issue of December 31, a contributor writes:

"There is not a shadow of doubt in my mind but that the rose in question is Antoine Rivoire; we have grown this rose as a bedder for a good many years and think that we know it pretty well; it is quite distinct from Prince de Bulgarie, which we also have had for some years. One thing is sure: anyone having a doubt as to the identity of his stock needs only to send to M. Pernet-Ducher, Lyons, France, for stock of these two sorts and he can readily verify his own. I think that it would be a serious mistake to send the rose to the trade under any but its own name, forming a bad precedent. Our Society of American Florists has gone on record from its inception emphatically against change of name. Only the raiser of a new variety, or the purchaser of a variety with privilege of naming, has the right to change its name."

SPIDER ON ROSES.

We are forwarding by mail under separate cover shoots of roses which are literally covered with webwork done by a small spider. We also send some of the spiders, which have been infesting two of our rose houses since early last fall. We are at a loss to know of a remedy which will exterminate the spider. On bright days they spin their webs over all the rose plants, and over and on everything in the houses, from the benches where the plants grow to the roof. The real damage is done to the buds, which are literally covered with the web and numberless small spiders, which binds the bud so tightly that they can not expand. Other than that we have not observed any damage. However, we are of the opinion that they injure the plants in general. Fumigating with tobacco and spraying with extracts of tobacco does not affect them at all. Perhaps some brother florist knows of a remedy. It will almost be impossible for us to use hydrocyanic acid gas, as our houses are connected with our heating plant, which requires the presence of our night fireman continuously in cold weather. F. F. C.

I do not know this pest. Perhaps some growers who have had it can suggest a remedy. Hydrocyanic acid gas would undoubtedly be the most likely fumigant to clear it out.

C. W.

CARNATIONS

WEAK-STEMMED ENCHANTRESS.

Is there any way to strengthen the stems of Enchantress carnations, besides adding lime to the soil? Our blooms are magnificent, but the heads droop. Would a few degrees above 52 degrees, night temperature, cause spindling stems? V. A. A.

You are growing your Enchantress too warm. Drop the night temperature to 48 degrees. Lime is valuable for strengthening the stems, but growing them cooler will help the stems more than any top-dressings. C. W.

WASHINGTON.

Washington, the bright pink sport of Enchantress, A. T. Pyfer thinks will become one of the standard sorts; indeed, Mr. Pyfer says, there will be numerous growers who within the next few years will have nothing in their benches except the Enchantress varieties: Enchantress, White Enchantress and Washington.

The accompanying illustration is reproduced from a photograph made in one of the greenhouses of the Chicago Carnation Co., at Joliet, Ill. Washington occupies the bench in the center of the house. The variety at the left is Princess Charming.

THRIPS AND WEAK STEMS.

I am sending under separate cover some carnations, and if you can tell me what causes them to act in this way, I shall be greatly obliged to you. I have given them, or some of them, two applications of ashes, and have also given them well-rotted cow manure. The stems, as you can see, are weak, and the flowers do not open right. They act as though they had been kept too warm. The soil is a compost of two-thirds prairie sod and one-third well-rotted manure. I am at a loss to know what to do. The soil seems to dry from the bottom of the bench up. Would that cause the trouble?

R. C. H.

The specimens forwarded were badly frozen, as might be expected in this severe cold spell. There were, however, unmistakable signs of thrips, and they are no doubt responsible for your blooms not opening properly. Directions for combating this pest have been given in these columns frequently this season. Nicotine applied in the most practical way is the thing to use. Fumigation, vaporizing and spraying are all good.

Your weak stems may be caused by more than one thing, and I am rather inclined to the opinion that they are. Your light prairie soil is probably too light, to begin with, and the addition of one-half as much manure would lighten it still more. A better proportion would be three or four to one. Dressing with wood ashes ought to strengthen the stems. Perhaps the main cause for your weak stems may be found in the prolonged cloudy weather. If you have not been particularly careful to give ventilation at every opportunity, and to hold the temperature down, you would likely have weak stems, regardless of the texture of the soil. When the prolonged cloudy spells set in, and the growth seems to stand perfectly still, the grower is tempted to put on a little extra heat to bring the blooms out. This is just the opposite of what should be done, and it usually results in a weak, soft growth and weak stems.

A. F. J. B.

LEAN-TO FOR CARNATIONS.

We wish to build a small greenhouse with as little outlay of money as possible. We have a strong board fence running east and west, seven feet high, and propose to build a lean-to against the south side of this fence, seven feet high on the back, five feet in front (three feet solid and two feet of glass), fifteen feet wide, with two benches each five feet wide, a 2-foot walk between the benches and a 1½-foot walk along each side, ventilation in top and south side. Do you think we could successfully grow carnations in this house, or would you advise building a different one? We propose to build it about fifty feet long and put in 500 carnations, and the rest of the house in chrysanthemums.

W. S. G.

I think it would be a great mistake to build as you contemplate. Such a building would have some decidedly objectionable features which could not possibly be counterbalanced by the slight saving in cost. For instance, that high board fence on the north side would cast a shade, even though it were on the north side. Then, you would have only two feet drop in fifteen feet for the sashbars. With this pitch you could not possibly keep a tight roof. If you were to use a ridge, placing it about five feet south from the fence and about nine feet high, it would help matters some. But I would advise a new house, built properly, and you will be more likely to be satisfied with it in the future. A. F. J. B.

GARDENERS' ASSOCIATION.

The executive committee of the National Association of Gardeners held its first meeting since the organization obtained its charter at the Herald Square hotel, New York city, Friday, January 12. President Logan called the session to order at 3:30 o'clock. The invitation from Charles H. Totty, of the National Flower Show committee, inviting the National Association to coöperate with the Society of American Florists in the holding of the national show to be held in New York city in 1913, was acted on and a resolution was passed pledging the support of the National Association to the national show, it being decided that the National Association would not hold any exhibition of its own during the coming year and that its members should make every effort to produce fitting exhibits for the big show.

The invitation from President Sim, of the American Sweet Pea Society, was acted on and it was decided to hold a summer meeting in Boston at the time of the sweet pea show, as it is expected that many National Association members will be present at that time in competition for the liberal prizes which are offered by the Sweet Pea Society in the private gardeners' classes.

President Logan appointed the follow-



Princess Charming. Washington.

View in One of the Houses of the Chicago Carnation Co., Joliet, Ill.

ing committees: Essay committee, William Kleinheinz, Ogontz, Pa., and Robert Tyson, Convent, N. J. Exhibition committee, Xavier E. E. Schmitt, Philadelphia, and James Bell, New York. The duties of these committees are to provide suitable exhibits and papers at the executive meetings of the organization, which it was decided will be held quarterly. The next meeting will be held in Philadelphia at Horticultural hall, April 15.

Among those present were: Thomas W. Logan, Jenkintown, Pa.; John Shore, Harrison, N. Y.; John F. Huss, Hartford, Conn.; William Kleinheinz, Ogontz, Pa.; Carl Schaeffer, Tuxedo Park, N. Y.; M. C. Ebel, Madison, N. J.; James Bell, New York; Xavier E. E. Schmitt, Philadelphia; Ed. C. Trethewey, Yonkers, N. Y.; Robert Tyson, Convent, N. J.; Wm. E. Maynard, New York; T. J. Kempton, Baychester, N. Y., and Peter Duff, Orange, N. J.

M. C. Ebel, Sec'y.

MISSOURI BOTANICAL GARDEN.

H. C. Irish, superintendent of the Missouri Botanical Garden, at St. Louis, gave an interesting lecture before the Engelmann Botanical Club, of St. Louis, on "The New Range of Plant Houses to Be Erected at the Missouri Botanical Garden This Year." The houses are designed to compare with the largest exhibition houses of the world. They undoubtedly will be the first of the kind in this country. The various plans were shown, which enabled the members and visitors to get a clear interpretation of these massive houses for the cultivation of plants.

The range, as a whole, will be in the form of a quadrangle. The main houses will face the main entrance to the garden. The center house, which will be devoted to the cultivation of tropical palms, is 112 feet long, eighty feet wide and sixty feet high, the roof being of curvilinear architecture. The main entrance will approach the center house by an ornamental vestibule, artistically supported by a half dozen massive columns. Directly opposite this entrance, on the west, will be an exit somewhat similar to the entrance, only the visitors will be confronted by a formal garden, enclosed by the wings of the quadrangle.

The ends of the palm house, north and south, are ninety-four feet long, forty-seven feet wide and thirty-five feet high. This, included with the palm house, will give a frontage of 300 feet. Connected with the ends are the wings running west. These are 135 feet long, thirty-four feet wide and twenty-seven feet high and are divided into two sections. An interesting feature is the ground elevation, which is seven feet lower than the main houses. A series of steps will connect the houses, affording visitors an excellent view looking from the main houses through the wings.

The heating plant will be located about 400 feet north of the plant houses. Two steam boilers, each with a capacity of 100 horse-power, will be the medium for supplying the heat. These will be connected to the houses by means of a surface tunnel six feet wide and eight feet high.

The contract for these extensive conservatories is in the hands of the well known firm, Pierson U-Bar Co., of New York. The contract calls for the completion of the building by October 1, 1912.

After the lecture a series of lantern slides, picturing the greenhouses of Kew Gardens, London, were shown for comparison, by G. H. Pring, of the Missouri Botanical Garden. P. H. G.

OBITUARY.

Joseph Stainel.

Joseph Stainel, aged 68 years, for several years a resident of Omaha, Neb., and Council Bluffs, Ia., and at one time owner of one of the largest florists' establishments in the Tri-Cities, was found dead on the morning of January 8, at 801 North Sixteenth street, Omaha, where he had been rooming for some time. He had been taken ill four days previously and had been confined to his room. No doctor attended him. When the chambermaid went into his room she found his lifeless body.

John Ralph.

John Ralph, one of the most successful florists of Saratoga Springs, N. Y., died January 7, at his home on Woodlawn avenue. His health had been somewhat impaired since the sudden death of his son, John I., several years ago. He had, however, been able to attend to business. Early this fall he suffered from an attack of pneumonia, and this greatly weakened him. About a week previous to his death his heart became affected.

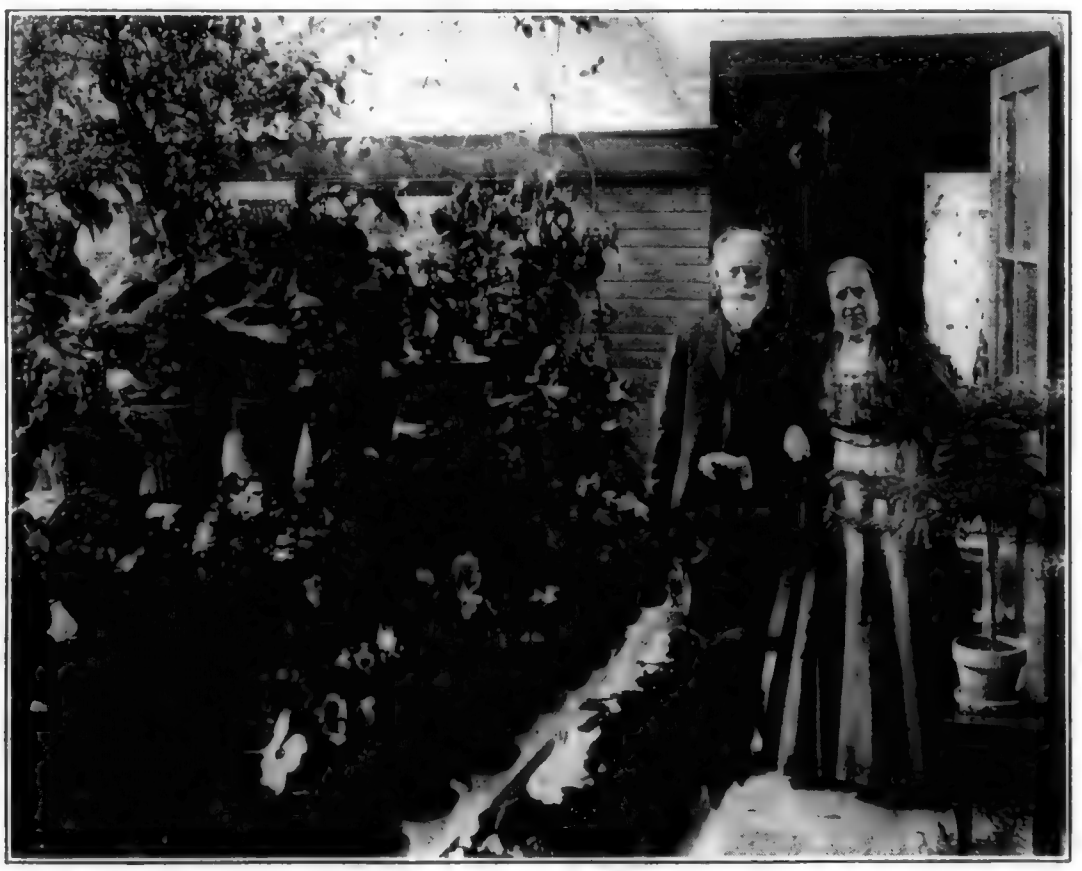
Mr. Ralph was a native of the township of Alice, Province of Ontario, Canada. Thirty-six years ago he moved to Saratoga Springs and almost immediately engaged in the florists' trade. He built up his at first small business by honest, upright methods, until he became one of the really substantial men of the village. He was a member of High Rock Council, No. 652, Royal Arcanum, and of the Immediate Relief Association of the council. He was also a member of the Albany Florists' Club. He is survived by his wife and three daughters, the Misses Mary, Katherine and Margaret, all of Saratoga Springs.

Thomas Galvin.

Thomas Galvin, one of the first men to establish a florist's business in Newport, R. I., died at his home in that city, Friday afternoon, January 12, at the advanced age of 86 years. He was born in Ireland, February 21, 1826, and came to America when only 10 years of age. He secured employment with a gardener on one of the big estates near New York and after a few years went into business for himself, later removing to Boston, and about sixty years ago took up his residence at Newport. He established a small florist's business, which grew until at his death he had an extensive place at the corner of Spring and Dearborn streets. His home was on the same property. He was twice married. His first wife was Mary Kelly, of Newport, and they had six children, of whom two survive. His second wife was Mary Nicholson, of New York, who survives with two daughters. He was uncle of Thomas Galvin, the widely known florist in Boston.

Thomas Molden.

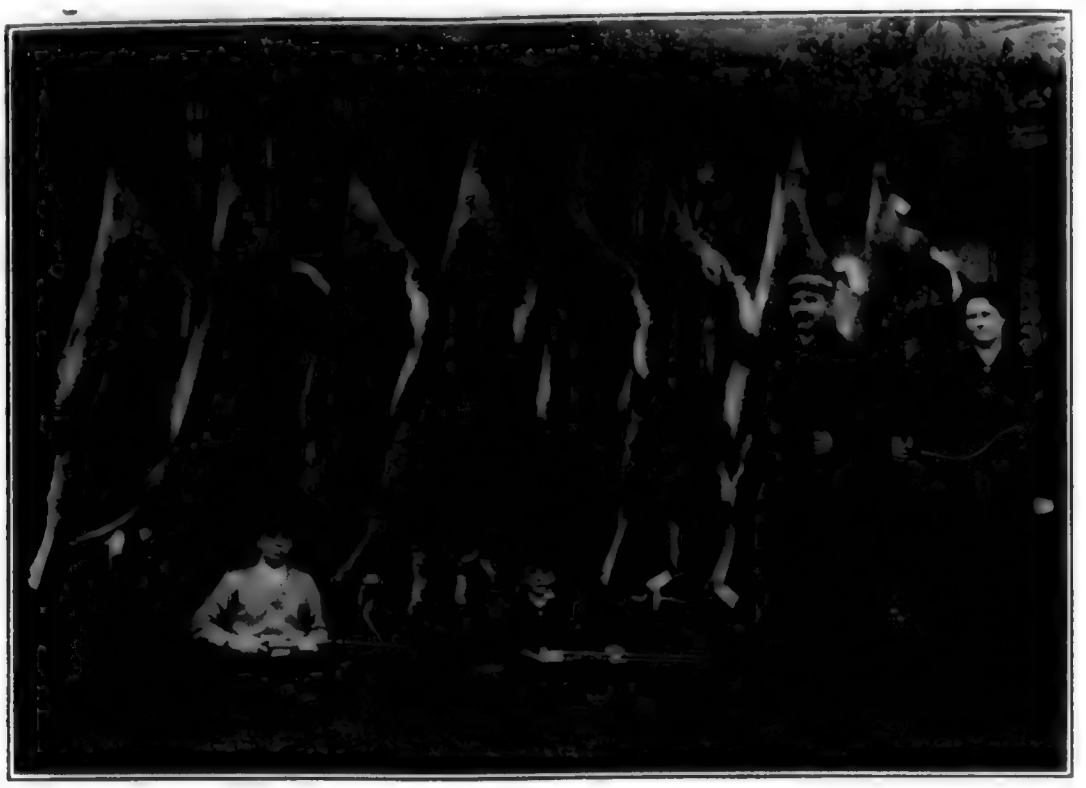
Thomas Molden, one of the oldest and best known gardeners in Newport, R. I., died at Middletown, R. I., January 10. He was born in the county of Fermanagh, Ireland, October 28, 1838. He came to America in 1855, and shortly afterwards became a gardener's assistant on an estate at Haydensville, Mass. In 1863 he removed to Newport, where he was a gardener on prominent estates for many years. A year ago last October Mr. and Mrs. Molden celebrated their golden wedding. He leaves a widow and three sons.



Mr. and Mrs. W. A. Lull, New Berlin, N. Y.

IN HIS EIGHTY-FIRST YEAR.

The photograph here reproduced was taken in the conservatory of W. A. Lull, of New Berlin, N. Y., and shows Mr. and Mrs. Lull standing just inside the doorway. Their attitude in the



They're Mighty Hunters.

(John H. Warncke and family, of Detroit, with the kill of a hunt at L'Anse, Mich.)

picture seems particularly expressive of their feeling of mutual helpfulness and interdependence, which has undoubtedly increased steadily throughout their half century and more of married life, for they have just passed their fifty-fourth wedding anniversary. Mr. Lull is head of the firm of Lull & Pardee, dealers in plant food, plants, seeds and bulbs, as well as other articles of general merchandise. He is now in the eighty-first year of his life, and his advanced age and the condition of his health prevent his taking his former active part in business. The plants in the conservatory, he says, are mostly tuberous begonias, with bougainvillea branches extending across the roof.

THE MIGHTY HUNTERS.

In The Review of January 4 there appeared an illustration that showed the string of jack-rabbits an Indiana florist bagged on a day's hunting trip in Kansas. It is not at all with the desire to go the jack-rabbit gentleman one better that the accompanying illustration is presented, but for emphasizing the fact that the Warncke family is composed of mighty hunters. John H. Warncke is one of the leading florists of Detroit. Mrs. Warncke shoots no less unerringly than her husband, and the little Warnckes also know the mechanism of a rifle, and how to use it. The photograph from which the illustration was prepared was made at L'Anse, Mich., and shows the kill on a recent hunting expedition.

STATE NURSERY DINNER.

Though the mercury was 20 degrees below zero, it in no way checked the enthusiasm of the crowd that gathered at the home of T. E. Mills, the manager of the State Nursery Co., Helena, Mont., on the evening of December 28, 1911. The occasion was the annual dinner given by Mr. Mills to the employees of the State Nursery Co. Covers were laid for thirty. After several toasts were given and responded to, the rest of the evening was given to song and story. An amusing feature of the entertainment was the singing of a verse of song into a phonograph by each one present. Besides those sung in English, verses were sung in Highland Scotch, Irish, German, Swedish, French, Greek and Japanese. The records thus made will be preserved and from time to time reproduced for the edification of future generations. A flashlight photo of the diners was taken. J. P. R.

SOUTHAMPTON, N. Y.

The annual meeting of the Southampton Horticultural Society was held in the Odd Fellows' hall, January 4. The election of officers resulted as follows: President, U. G. Ager; vice-president, Julius W. King; secretary, Benjamin C. Palmer; treasurer, A. McIntosh; financial secretary, Frank H. Smith; corresponding secretary, W. McLeod; executive committee, William Fitzpatrick, John Rennex, Martin McLaughlin and William McLeod. The treasurer and financial secretary read their reports, which showed the society to be in a prosperous condition. Two new members were elected, Donald Seaton, Southampton, and George Burnett, of New York. It was decided in future to hold an annual dinner some time in January. After business, the members sat down to an enjoyable supper provided by the refreshments committee. W. M.

GREENWICH, CONN.

The January meeting of the Westchester and Fairfield Horticultural Society was held in Greenwich, Conn., its new home for 1912, with President Stuart in the chair. In anticipation of the lecture on "Gardens of Japan," given by Mr. Farquhar, of Boston, 137 members were present, lacking only ten for a full attendance, which, considering the stormy night, with the thermometer flirting around zero, speaks volumes of the great esteem all have for Mr. Farquhar, as well as the interest each has in the welfare of the society.

Two members were elected and seven applications received. The judges for the night were Messrs. McKenzie, Adcock, Magee, Tealey and Addor, and their decisions were as follows:

President Stuart's prize for vase of carnations was won by R. Stobo, with White Enchantress, and a vote of thanks was accorded to all others competing for the prize, as all were really prize-winners.

Certificate of merit to James Stuart for a fine specimen of Begonia Agatha.

Cultural certificate to James Stuart for a grand vase of Euphorbia jacquiniæflora.

Cultural certificate to James Aitchison for a splendid vase of stocks, Beauty of Nice.

An exhibit of geraniums and begonias by Harry Wild was highly commended.

Honorable mention to Ad. Paterson, for fine blooms of Eucharis Amazonica.

Vote of thanks to J. Aitchison, for a well finished specimen of chorizema, also to Th. Ryan, for display of marguerites and vegetables.

A smoker will be held at the February meeting, also a talk on mums, roses and carnations will be given by Charles H. Totty, of Madison. O. A.

HEADING BACK BOX ELDERS.

One of my customers has a hedge of box elder, ten to twelve feet high, which has never been cut back. Would this time of the year be a good time to cut it back, or what time would be best? Here, in North Dakota, we have zero weather every day at this season. R. O.

The heading back can be done any time before growth starts, but it is better to select a day when the wood is not frozen. C. W.

Middletown, Conn.—Antone Olson has purchased the Beebe greenhouses, on Ferry street, from Henry J. Koehler. Mr. Koehler will continue the business at his Durham avenue greenhouses.



Annual Dinner of Employees of State Nursery Co., Helena, Mont.

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G. L. GRANT, Editor and Manager.

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SOCIETY OF AMERICAN FLORISTS.

Incorporated by Act of Congress, March 4, 1901.
Officers for 1912: President, R. Vincent, Jr., White Marsh, Md.; vice-president, August Poehlmann, Morton Grove, Ill.; secretary, John Young, Bedford Hills, N. Y.; treasurer, W. F. Kasting, Buffalo, N. Y.
Annual convention, Chicago, Ill., August 20 to 23, 1912.

RESULTS.

We give them. You get them.

We both have them.

NOT a few subscribers save themselves the bother of annual renewal by sending The Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

JANUARY is an excellent month for pushing along on the collections. Get everyone who owes you to pay at least something on account—and then do the same by those whom you owe.

HAVE you noted that the character of men employed on the successful, progressive places has improved in marked degree in the last few years? Prize-winning, money-making stock is not grown by unskilled labor.

THE S. A. F. board of directors, at the Detroit meeting last week, received an education in the matter of metropolitan rents. The society at present is negotiating for two big halls, one at Chicago for the trades' display in August and one at New York for the National Flower Show of 1913. After listening to the terms for the Grand Central Palace, New York, the price of the Coliseum at Chicago seems quite picayunish.

ORDERS COST TWO PER CENT.

Every now and then an advertiser reports that there has been no response to his offer in the Classified department, and wants to be told why. We wish we knew. Sometimes, of course, the stock offered is out of season, but in most cases that appears to make little difference; everything is seasonable somewhere in this big country, and The Review goes everywhere. Usually the report of those who offer small surpluses in the Classified department is like this:

My last adv., costing 60 cents, brought orders that amounted to $35.—Clark W. Brown, Ashland, Mass., January 6, 1912.

HAIL SCREEN OVER GLASS.

Having had the misfortune last summer to lose all our glass and plants, as well as all other crops, by hail, we are contemplating protecting them by wire netting this spring, and would ask through The Review if any of the readers of The Review could give us any information as to the best methods. We have several plans of doing the job, but would be thankful to any of our folks who may have some experience and could give us advice in the matter. We have two houses, connected, each 32x200 feet, and intend to stretch the wire across the two houses, keeping it twelve inches or more above the glass; or is there a better way of doing it?

Lethbridge, Alta. Frache Bros.

VAPOR ON STORE WINDOWS.

The Review of December 14, page 33, contained an inquiry in regard to vapor on store windows, with a reply by H. S. Agreeing with the Greeks of old, H. S. says in the last paragraph that "water is the best." The idea occurred to me that it might be practicable to run a small perforated water pipe along the top of the window, on the inside. The perforations could be quite small and some four to six inches apart. The pipe would be set so that a small stream could be run down the inside of the window, and drainage or an outflow could be arranged at the bottom of the window. This might be made to work merely by turning on or shutting off a faucet, as the case might be. This, of course, is only an untried suggestion, which I pass along for consideration.

Arthur E. Chilman.

JERUSALEM CHERRY FROM SEED.

When should the seeds of Jerusalem cherry be planted? How long does it take the seeds to germinate? Is there any special care that should be given the plants? I am located in southern New Hampshire. S. E. P.

The present month or early in February is a good time to sow Jerusalem cherries, Solanum Capsicastrum. Sow in pans of leaf-mold and sand, in a warm house. They will germinate within two weeks and need no special care. Pot off singly when of sufficient size and plant outdoors, in your latitude about May 20. Dig up and repot them about the middle of September. Field culture will give you much finer plants than pot culture. C. W.

CHICAGO.

The Great Central Market.

There has been no respite from the severely cold weather, which has now prevailed uninterruptedly for nearly three weeks. Only on one day in the first fortnight of the new year did the temperature fail to go below zero. It has been a stretch of unfavorable weather breaking all records. For the first few days the market got along fairly well, but within the last week there has been a marked falling off in the out-of-town business, which was the chief sustaining factor. It has been so cold that the flower business has been confined to two classes of trade: funeral work and telephone trade. In other words, the necessities have been represented by the demand for funeral flowers, while the luxuries have been reflected in the orders that came to the retailers by phone. Some of the largest buyers of stock have little funeral trade and less telephone trade, and their demands have been extremely light ever since the first of the year. The severe weather has been general throughout the territory that draws its supplies from Chicago, and the same conditions have prevailed in all the towns that use Chicago flowers. Business not only has been light, but trains have been so delayed that there was no certainty when stock would arrive, and losses by freezing were frequent. The result has been that many standing orders have been canceled and telegraph orders are less numerous than usual. What business there is comes in rushes, followed by complete stagnation.

There has been an abundance of stock. Practically the only flowers that have been in demand above the supply have been short roses. There have been

Now is the time to begin to push

CARNATIONS!

Fancy Shipping Stock in Steadily Increasing Supply

Carnations are at their best at this time of year, and the supply increases as the winter passes. Our stock is right up to top notch, and the supply already is on the increase, offering excellent values. **Now is the time the retailer should push Carnations, relying on us to keep them supplied.**

FANCY VIOLETS

We handle the cream of the Violet crops of America—the best of the stock produced in the famous Hudson River district and the finest fragrant, home-grown singles. You will be able to sell these NOW at a fine profit, and for St. Valentine's Day you can use large quantities if you push them.

SPRING FLOWERS

Amid the snows of winter your customers will appreciate the spring flowers. Show them our Tulips, Jonquils, Freesia and Sweet Peas—all fine quality.

BEAUTIES

We never are without Beauties of the very best quality. The present cut is large, and we can supply all lengths of stem. These Beauties are business-builders. Try them and you will find them so.

CATTLEYAS

Why miss sales because you have no Cattleyas in stock? Of course, we can fill your orders at any time, shipping on next train, but why not carry a few in stock? The up-to-date store carries Cattleyas now, the same as Roses and Carnations. Let us have your standing order.

KILLARNEYS

White and Pink

These are in good crop and we can supply as fine stock as this market ever saw, in quantity, for weeks to come. In fact, we never have been so well fixed to fill all orders as we are this January.

All Greens of Best Quality.

FANCY VALLEY ALWAYS ON HAND

Chicago Market Brand—the finest.

Current Price List

ORCHIDS		Per doz.
Cattleyas	$6.00 @	$7.50
Dendrobiums	6.00 @	7.50

AMERICAN BEAUTY		Per doz.
Extra long stems		$5.00
Stems 30 to 36 inches		4.00
Stems 24 inches		3.00
Stems 15 to 20 inches	$1.50 @	2.00
Short..... per 100, $6.00 @ $10.00		

ROSES		Per 100
White Killarney, special		$12.00
" " select	$8.00 @	10.00
" " seconds	4.00 @	6.00
Killarney, special		12.00
" select	8.00 @	10.00
" seconds	4.00 @	6.00
Richmond, special		12.00
" select	8.00 @	10.00
" seconds	4.00 @	6.00

Extra special roses billed accordingly.

CARNATIONS		Per 100
Common	$2.00 @	$3.00
Select, large and fancy		4.00

MISCELLANEOUS		Per 100
Violets, New York double	$0.75 @	$ 1.00
" single	.75 @	1.00
Easter Lilies		15.00
Callas.....per doz., $1.50 @ $2.00		
Valley, seconds		3.00
" select		4.00
" special		5.00
Daisies	1.00 @	2.00
Sweet Peas	.75 @	1.50
Stevia	1.50 @	2.00
Paper Whites		3.00
Romans	2.00 @	3.00
Mignonette	6.00 @	8.00
Golden Spurs	4.00 @	5.00
Freesia	4.00 @	6.00

DECORATIVE		
Asparagus Plumosus..per string,	.50 @	.75
Asparagus Plumosus..per bunch,	.35 @	.50
Asparagus Sprengeri.. "	.25 @	.50
Adiantum, fancy, long ...per 100,	1.00 @	1.50
" medium..... "	.50 @	.75
Smilax.....per doz., $1.50		10.00
Mexican Ivy .....per 1000, 6.00		.75
Ferns..... " 2.00		.35
Galax..... " 1.25		.15
Leucothoe Sprays		.75

Store open from 7 a. m. to 6 p. m.
Subject to market changes.

E. C. AMLING CO.

The Largest and Best Equipped Wholesale Cut Flower House in Chicago

68-70 E. Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central.

enough long roses so that everyone has been supplied, but more short white roses might easily have been used. Beauties have been equal to all demands and prices have been weakening. Carnations have come in more plentifully than roses and the wholesalers have had some difficulty in effecting a clearance. Recently red was in special demand, but now the principal call is for white, though no fancy prices are paid.

While carnations have been in large supply with practically all the houses, some of them have found their principal difficulty in moving the violets. The weather has been so severe that the wearers of violets have not been moving about. Any sort of a clean-up at straight prices has been impossible, and average returns to the growers have been extremely low. Many frozen shipments of Rhinebeck stock have been a complete loss. Sweet peas have come in much more abundantly and have in a measure shared the predicament of the violets, since the two flowers have much the same uses. The quality is better than ever before at this date and the quantity is larger.

Some tulips with really good stems now are offered. Jonquils are abundant. Paper Whites are passing, their season having been brief this year, but there are plenty of Romans. Freesia is equal to all calls. Valley is abundant. Easter lilies are again in large supply. Stevia is about out of the market, its duration having been less than usual this season, but its sale considerably better than a year ago. Some fine mignonette now can be had.

The green goods market is quiet, so quiet, in fact, that special bargains are offered to move galax and boxwood.

Losses by Gas Leakage.

Every time there comes a severely cold spell there are reports of loss through illuminating gas filtering into greenhouses from broken mains. The ground is frozen so solidly that there is no outlet for the gas until it works its way to a greenhouse that has kept the soil open. W. L. Palinsky is the heaviest loser so far reported this cold spell. He found his place full of gas Sunday, January 14, and soon located the broken pipe, in the street ten feet from his wall. He puts his loss at $1,500, the stock in all five of his houses being affected. He has filed a claim with the gas company, although others who have had similar experiences have found it impossible to collect damages.

A. T. Eichel, proprietor of the greenhouses at 4228 North Fortieth avenue, found gas in his place January 8. He notified the gas company and was told that it was sewer gas. After laying open the sewer he did the same thing for the gas pipe in the street and found the source of the mischief. His loss is not large.

Miss Pearce to Wed.

Announcement is made of the engagement of Miss Carrie Pearce and G. Tegelaar, no date for the wedding having been set. Miss Pearce is the daughter of Sam J. Pearce, widely known in the trade as the largest forcer of miscellaneous bulbs for the Chicago market. Mr. Tegelaar is the American representative of two of the large European firms of bulb growers, C. J. Speelman & Sons, of Sassenheim, Holland, and La Garde & Speelman, Ollioules, France.

WESTERN

ORCHIDS

Chas. W. McKellar

162 N. Wabash Avenue, CHICAGO

Headquarters

CURRENT PRICES

ORCHIDS			
Cattleyas, Trianae	Per doz.,	$6.00 @	$ 7.50
" Percivaliana	"	5.00 @	6.00
Cypripediums	"		2.00
Dendrobium Formosum, white	"	5.00 @	6.00
Oncidium, yellow	"		3.00
Boxes assorted Orchids, $5.00 and up.			
AMERICAN BEAUTY—Specials,	Per doz.,		5.00
36-inch	"		4.00
30-inch	"		3.00
24-inch	"		2.50
20-inch	"		2.00
15 to 18-inch	"		1.50
Shorter	"	.75 @	1.00
Killarney	Per 100,	4.00 @	10.00
White Killarney	"	4.00 @	10.00
My Maryland	"	4.00 @	10.00
Richmond	"	4.00 @	10.00
Mrs. Field	"	4.00 @	10.00
ROSES, our selection	"		4.00
" extra special, select	"		12.00
CARNATIONS			
Select	Per 100,	2.00 @	3.00
Fancy	"		4.00
MISCELLANEOUS STOCK			
Gardenias	Per doz.,	3.00 @	6.00
Valley	Per 100,	3.00 @	4.00
Easter Lilies	"	12.50 @	15.00
Violets, double		.75 @	1.00
" single		.75 @	1.00
Sweet Peas		.75 @	1.50
Paper Whites		3.00 @	4.00
Romans		3.00 @	4.00
Mignonette		6.00 @	8.00
Bouvardia		6.00 @	8.00
Jonquils			4.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 @	.60
Asparagus Plumosus	Per bunch,	.35 @	.50
Asparagus Sprengeri	"	.25 @	.50
Adiantum	Per 100,	.75 @	1.00
Farleyense	"		12.00
Smilax	Per doz.,	$1.50	
Mexican Ivy	Per 1000,	6.00 "	.75
Ferns	"	2.00 "	.25
Galax, green	Per 1000,		1.00
" bronze	"		1.00
Leucothoe	Per 100,		.75
Wild Smilax	Per case,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Subject to market changes

ORCHIDS—SPECIAL

We have an unusually large and fine supply of that splendid orchid, Cattleya Trianae. Also a large crop of Percivaliana at lower prices.

CHAS. W. McKELLAR

162 N. Wabash Avenue, CHICAGO

8 PRIZES

at Detroit, January 10.

This is more than were taken by any other exhibitor in the Carnation classes.

It proves not only the high quality of our stock, but its keeping and shipping quality as well.

We prefer to be known as THE BEST RATHER THAN AS THE LARGEST.

CURRENT PRICE LIST

CARNATIONS	Per 100	ROSES	
Good	$2.00		Per 100
Select, large and fancy, prize winners	$3.00 @ 4.00	All varieties	$5.00 @ $10.00
		Beauties	$2.00 @ $5.00 per doz.

CHICAGO CARNATION CO.

30 E. Randolph St. A. T. PYFER, Mgr., CHICAGO

Mention The Review when you write.

Cold Weather Troubles.

The cold weather is making trouble all along the line. Not only are shipments freezing, but the express companies are refusing to entertain claims; it is either ship the goods at owner's risk of freezing or else the express companies will not accept cut flower shipments at all so long as the severely

LILIES

Giganteum
Rubrum
Auratum

These are fine Lilies and just what you want for a dozen different uses. There is no flower now in market that makes as big a show for the money as these Giganteums do. We can supply in thousand lots as easily as by the dozen. Glad to quote special prices on quantities.

Beauties

Our stock is fine, and we have a large cut. Can take good care of all orders, no matter what length of stem is called for.

Carnations

A big cut is on. Send along your orders. You will be pleased with the treatment we shall give every call.

Violets

This is the time of year when those who try can do a big business in Corsage Bouquets of Violets. We can supply fine Double or Single in quantity.

FANCY WHITE LILAC, $1.50 per bunch.

Killarneys

Buyers agree that OUR Killarneys are the finest in Chicago. A big cut is on, and we can supply all lengths.

Freesia

This is Purity, the long-stemmed, pure white Freesia, and it is fine. Once tried, you will not be able to get along with the common kind.

Valley

We always can furnish fancy Valley. None better. Try some and you'll want a regular shipment.

CHOICEST CATTLEYAS IN QUANTITY.

You will need a stock of Heart-shaped Boxes for St. Valentine's day and we advise ordering early, as the late demand usually exceeds the supply. Order now and avoid disappointment.

RED HEART-SHAPED BOXES

Size for 50 violets.....per 100, $15.00
Size for 100 violets.....per 100, 20.00
Size for 200 violets.....per 100, 25.00

FANCY VIOLET HEART-SHAPED BOXES

Size for 100 violets.....per 100, $25.00
Size for 200 violets.....per 100, 30.00

We have a complete stock of Violet Shields, Cords, Ties, Ribbons, Boxes, etc.

A. L. Randall Co.

Everything for Florists, L. D. Phone Central 1496 Private Exchange all Departments **66 E. Randolph Street, Chicago**

cold weather lasts. The fuel shortage also is becoming acute with some of those who do not usually employ the hand-to-mouth policy. Some of the growers never have much coal on hand and always are in trouble as soon as railroads are blockaded, but this time the blockade has lasted more than two weeks and gives no sign of breaking. Many of the large growers have not received a single car of coal in from two to three weeks, although numerous cars are on the road. Warmer weather is predicted now by the government weather bureau and is urgently needed.

Various Notes.

J. F. Wilcox and wife, of Council Bluffs, have been in town several days, in consultation with Dr. Billings with regard to the health of Mrs. Wilcox, which has not been good.

The growers at Evanston are having trouble because their chimneys smoke. Fines have been imposed, but suspended for thirty days to give the growers a chance to put in smoke consuming devices.

John Poehlmann says roses have cleaned up much better than carnations during the cold weather, but that the continued cold means a steady loss, as there is stock for considerably more business than has been moving. He looks for no real scarcity at any time this season.

J. F. Kidwell & Bro., on Wentworth avenue, lost two houses of spring stock by frost one night last week.

EVERY now and then a well-pleased reader speaks the word which is the means of bringing a new advertiser to

THE WEEKLY FLORISTS' REVIEW

Such friendly assistance is thoroughly appreciated.

Give us the name of anyone from whom you are buying, not an advertiser. We especially wish to interest those selling articles of florist's use not at present advertised.

FLORISTS' PUBLISHING CO.
530-60 Caxton Bldg. Chicago

W. P. Kyle, of Kyle & Foerster, says the greatest difficulty that has come as the result of the cold weather has been in getting the eastern violets through safely.

John Klehm and wife, of Arlington Heights, celebrated their golden wedding anniversary January 11. There was a large gathering of friends and neighbors. The couple has three sons, George, Charles and Henry, all engaged in pushing along the work of Klehm's Nursery.

E. H. Hunt's travelers, A. F. Longren and Clifford Pruner, took the road January 15 for the Easter campaign.

John Steinmetz appears to have prospered since starting in the retail field, at 1643 North Halsted street, for he has just placed an order for a touring car for March delivery.

Wietor Bros. say they did not receive any coal at all during the first two weeks of the year, five cars arriving January 15. In the interval a big hole was made in the stock on hand, which amounted to nearly seventy-five cars.

W. H. Hilton purposes to sell his Sixty-third street store, that he has run for thirteen years. He has another store at Fifty-third and Jefferson and is going strongly into confections and catering.

We have received a delayed shipment

consisting of 60 cases of Bronze Galax Leaves that were intended for the Christmas trade, but didn't get here in time. New crop. Fine stock. In order to secure a quick clearance **we will prepay freight and deliver f. o. b. your station** in case lots,

$7.00 per case of 10,000

All Cut Flowers billed at Chicago market price day of shipment.

KENNICOTT BROS. CO.

163 N. Wabash Ave. **CHICAGO**

Mention The Review when you write.

Fire which started from an overheated stove in a barn at the rear of the home of John Jensen, 7506 Euclid avenue, January 13, cremated over 200 chickens and caused a loss of $2,000. Jensen, who is a florist at 1929 East Seventy-first street, saved his automobile, valued at $3,000.

Hoerber Bros. say they burned 1,600 tons of coal last season, but that it will go 2,000 tons this season, as a result of the long stretch of zero weather.

Fred Lautenschlager and Alois Frey were snow-bound on a Pere Marquette train for twenty-four hours last week, and without food until farmers came to the relief of the train. They were on their way to the Detroit convention via Grand Rapids.

A. T. Pyfer has figured up that the Chicago Carnation Co. took more prizes than any other carnation exhibitor at Detroit.

A. C. Kohlbrand, of the E. C. Amling Co., has been one of the many on the sick list the last few days.

E. B. Washburn, of Bassett & Washburn, greatly enjoyed last week's convention at Detroit. It was the first time he has attended an affair of the kind.

The first pussy-willows of the season were received January 14 by the Chicago Flower Growers' Association. They came from Jacob Russler, of Morgan Park. The association's stockholders held their quarterly meeting January 15.

C. Frauenfelder has ordered two light cars for delivery purposes.

Tim Matchen says Peter Reinberg has booked an order for 10,000 Beauties and 10,000 Richmonds from 2½-inch pots.

C. M. Dickinson was at Detroit during the rose and carnation convention as the guest of F. A. Thompson, head of the company that manufactures Tobak-ine.

Fred Sperry, of Vaughan & Sperry, is enjoying the delights of boarding-house life this cold weather, Mrs. Sperry and son having been in Florida since Thanksgiving.

Winterson's Seed Store reports being called on last week by fifteen salesmen for Holland bulb houses.

Quite a few eastern visitors have been in town this week, coming on from Detroit after the convention. Among these have been W. H. Elliott, Brighton, Mass.; Robert Simpson, Clifton, N. J.; Eber Holmes, Montrose, Mass.; Wm. Penn and wife, Boston; Frank P. Myers, Chestnut Hill, Pa.; Ralph M. Ward and C. W. Scott, New York.

Visitor: Mrs. Wm. La Hayn, Chesterton, Ind.

Handsome Ribbons for Florist Work are the Pine Tree Qualities

ALL WIDTHS AND COLORS

Manufacturer to Florists

The Pine Tree Silk Mills Co.

PHILADELPHIA

Mention The Review when you write.

PITTSBURGH.

The Weather.

The weather during the last week put all talk of business out of the florist's mind. He had all he needed in keeping his greenhouses from freezing and himself warm. Some idea of the extremes may be had from the following temperatures reported, each below zero: Schenley conservatories, 10; Highland park, 17; Pittsburgh Cut Flower Co., Bakerstown, 16; Chas. Koenig, Millvale, 24; Wm. Leith, Butler, Pa., 32. Tuesday night the temperature was around the zero point, but the wind was the worst ever felt here with such a low temperature and gave the greenhouse men the time of their lives and something to talk about for a long time. S. J. Hatch, of Allison Park, Pa., so far as known was the only one injured to any extent and from reports he simply froze up, everything being lost except some orchids which he managed to pack and get over to Westhoff's greenhouses.

There are a number of reports of frozen boxes of Beauties, violets, lilies and other flowers, but, taken altogether, the trade got through luckily.

Various Notes.

Edw. McCallum, of the McCallum Co., has the sympathy of his host of friends in the loss of his wife. Mrs. McCallum, who had been ill for some time, came home from the hospital just before New Year's and seemed to be getting along nicely until Saturday, January 6, when other complications set in which resulted in her death Saturday, January 13. Mrs. McCallum was in her twenty-fourth year and was a woman of delightful character and while of a retiring disposition was dearly loved by all who had the privilege of her acquaintance. She leaves, besides her husband, twin boys, 7 weeks old.

PERCY

Not the Oldest
Nor the Largest
Just the Best

56 E. Randolph Street
CHICAGO

JONES

Wm. Cromack, of Irwin, Pa., who was injured early in December while moving a house, is able to move about again.

It is reported that the private gardeners are organizing a club which they will call the Independent Gardeners' Club, with Wm. Allen president and David Fraser, treasurer.

Milwaukee Flowers

Have Become Widely Known as

The Best in the Northwest

And at the Fall Show we proved that the stock we grow and sell is without equal.

A large supply of Roses, Carnations, Valley, Bulb Stock, Violets and Greens of all kinds. Extra Fine Long Smilax

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
36 to 48-inch	$6.00
24 to 30-inch	4.00
18 to 24-inch	3.00
12 to 18-inch	$1.50 @ 2.00

ROSES	Per 100
Specials	**$12.00**
Richmond	$6.00 @ $10.00
Killarney	6.00 @ 10.00
White Killarney	6.00 @ 10.00
Roses, our selection	**4.00 @ 6.00**

MISCELLANEOUS	
Snapdragon, per bunch	.35 @ .75
Paper Whites	2.00 @ 3.00
Harrisii Lilies...per doz., $1.50 @ $2.00	16.00
Yellow Narcissus	3.00
Romans	2.00 @ 3.00

MISCELLANEOUS	Per 100
Carnations, fancy	$4.00
Carnations, common	$2.00 @ 3.00
Carnations, splits	1.50 @ 2.00
Stevia	2.00
Violets, Wisconsin grown	.75 @ 1.00
Valley	3.00 @ 4.00
Adiantum, extra fine	1.50
Asparagus Strings..each,	$0.50 @ $0.75
Asparagus Bunches.each,	.25 @ .50
Sprengeri Bunches.each,	.25 @ .35
Smilax.....per doz.,	1.50 @ 2.00
Galax, green.....per 1000,	1.50
Galax, bronze ...per 1000,	1.50
Ferns .....per 1000,	2.00

Subject to change without notice.

Wild Smilax on hand all the time, $5.00 per case; $22.50 for 5 cases.

HOLTON & HUNKEL CO.

462 Milwaukee Street, MILWAUKEE, WIS.

Mention The Review when you write.

The extreme cold and other circumstances prevented the Pittsburgh people from attending the convention at Detroit, but we had several who stopped off on their way home, among them Wm. Craig, Mr. Berger, of Berger Bros., S. S. Pennock and Mr. Heacock, who braved the zero weather to make a trip to the Pittsburgh Cut Flower Co.'s plant at Bakerstown. Hoo-Hoo.

MILWAUKEE.

The Market.

The prolonged severely cold weather, which has been with us since the first of the year and which was the worst since the establishment of the local weather bureau, has laid the flower business flat on its back. It is quite fortunate that it also reduced the supply to a considerable extent, for the demand is far from satisfactory. There have been plenty of good carnations to meet all demands, while the supply of roses has been about equal to the calls. Valley has not moved, while the sale of violets has been at a complete standstill. There is no trouble in getting bulbous stock at any time. Beauties are the one item that is scarce, but there are few calls. Lilies are of good quality and not overabundant.

Various Notes.

H. V. Hunkel, Nic Zweifel and C. C. Pollworth were the only ones who attended the Detroit convention. Messrs. Pollworth and Zweifel returned January 13, while Mr. Hunkel took a side trip to Richmond, Ind., where he says he received a cold reception, for it was 25 degrees below zero. That Milwaukee grown stock still cuts some figure was proven, inasmuch as Mr. Zweifel and the C. C. Pollworth Co. captured some first prizes. In all they say it was a fine affair, including the hospitality for which the Detroiters are famous.

The cold weather of the last week will long be remembered by John Dunlop, of Wauwatosa. While confined to his bed through sickness, leaving the firing in charge of inexperienced help, Mr. Dunlop's place was completely frozen up.

January 12, while the thermometer registered 18 degrees below zero, the hot water boiler of the east range of the Wm. Edlefsen plant, at North Milwaukee, sprung a bad leak and in less than no time, in spite of the heroic efforts of all present, the best part of the stock was frozen. This section contained bedding stock, stevias, azaleas and various bulbs. Little was saved.

The Holton & Hunkel Co. says violets did not sell as readily for the charity ball this year as on former occasions.

As no quorum was on hand January 5 for the monthly meeting of the Florists' Club, President Hunkel decided to combine it with the February meeting.

J. E. Matthewson, of Sheboygan, Wis., joined the Milwaukee boys on the Detroit trip.

L. S. Spencer, of Champaign, Ill., was a visitor last week.

J. M. Fox & Son again had the decoration for the charity ball, held

WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS
SHIPMENTS EVERYWHERE
CUT FLOWERS
IMMEDIATE DELIVERIES
154 NO. WABASH AVE CHICAGO
PHONE CENTRAL 879

AMERICAN BEAUTIES
ROSES
CARNATIONS
ORCHIDS, GARDENIAS
VALLEY, VIOLETS
DAISIES, LILIES, Etc.
GREENS

At Lowest Market Rates

Weiland & Risch

154 N. Wabash Avenue
CHICAGO

Mention The Review when you write.

January 9 at the Auditorium. The color effect was pink and green. White vases made especially for the occasion, and over three feet high, filled with latania leaves, formed the inside line of the promenade.

With several large decorations on hand last week, A. F. Kellner, of the A. F. Kellner Co., was drawn on the jury in the circuit court. The decorations for the auto show at the Auditorium, which opened January 13, were executed by this firm. Large quanti-

You need not buy poor

Carnations

We can sell you good stock at very reasonable prices.

Mrs. C. W. Ward and Alma Ward

The finest carnations on the market for color and size. A good supply of them every day.

We are offering good value in

Bulbous Stock

	Per 100
Daffodils	$4.00
Tulips	4.00
Narcissus	3.00
Valley	4.00
Valley	3.00
Freesia	5.00

FANCY FERNS, per 1000, $2.00.

The Leo Niessen Co.

WHOLESALE FLORISTS
N. W. cor. 12th and Ince Sts., PHILADELPHIA, PA.
Open from 7 a. m. to 8 p. m.

Mention The Review when you write.

ties of Alabama smilax and other green goods were used.

The Gust Rusch Co. says that last week many of the consignments received were more or less frosted.

The automobile of the C. C. Pollworth Co. caught fire January 12, while bringing in the morning's stock, and there was great excitement in the neighborhood of Thirty-fifth street and Grand avenue. Most of the stock that was not burned was frozen. E. O.

PHILADELPHIA.

The Rising Eastern Market.

The zero weather that prevailed during the first half of this week affected supply and demand. The supply was reduced and the demand almost annihilated, excepting in the fashionable shops, which were busy sometimes but not always. Such cold weather has rarely been known in this city, the thermometer registering unheard-of numbers of degrees below zero on three successive mornings, January 12 to 14. Prices have changed but little, only the dull condition of the market makes the average returns less than they have been. The corsage flowers have suffered more than any other; next to them the poor grades, usually jobbed off to the street merchants. Street merchants don't do business in arctic weather, so the culls accumulated. There are no other special features in the market, barring a reduction in supply and generally unsatisfactory conditions in every department of flowerdom.

Pennsylvania Society Schedule.

The following schedule for the season of 1912 has been issued by the Pennsylvania Horticultural Society:

Spring exhibition, March 19 to 21.

Peony exhibition, late in May or early in June.

Outdoor rose and sweet pea exhibition in June.

Dahlia exhibition, September 17.

Annual flower show, November 5 to 8.

Philadelphia at Detroit.

The wonderful showing made by the Philadelphia rose growers at the national convention of the American Rose Society in Detroit last week is the subject of much comment in trade circles here. It is generally known that Philadelphia produces good roses, but it is not generally known that the roses grown in the neighborhood of this city are of such excellence as to rival all other sections of the country combined. Following is a list of the prize-winning exhibitors and the varieties for which they received prizes:

John R. Andre, Doylestown, first on twenty-five White Killarney.

Adolph Farenweld, Hillside, second on 200 square feet of cut roses.

Joseph Heacock Co., Wyncote and Roelofs, first on fifty Killarney; second on twenty-five Killarney.

Myers & Samtman, Wyndmoor, first on fifty Double Pink Killarney; first on twenty-five Double Pink Killarney; first on fifty Hilda; second on twenty-five Maryland; second on twenty-five Beauties; third on fifty Beauties.

Stockton & Howe, Princeton, N. J., Montgomery cup for best American rose not yet in commerce, also $25 cash prize, on Rose Princeton, scoring eighty-seven points.

The Fuel Market.

Smith, Lineaweaver & Co. say that owing to the extraordinarily cold weather that has prevailed throughout the country for the last ten days or more, the demand for anthracite coal is far beyond the supply. Prices are at full circular, and on many sizes at a premium. The steam sizes are hard to get and prices are high. It is with great difficulty that deliveries of any consequence are made. The bitterly cold weather has reduced the output at all the mines to less than half of what is ordinarily shipped, and it is probably safe to assume that all consumers of coal are using about twice as much as they ordinarily do. Taking the reduced output, together with the increased con-

DAFFODILS

are now plentiful and very fine. We can quote you on large or small quantities at the lowest market prices.

Violets—single and double, very choice.
Easter Lilies—two to a stem, just what you want for sprays.
Carnations—red, white and pink, are choice stock.

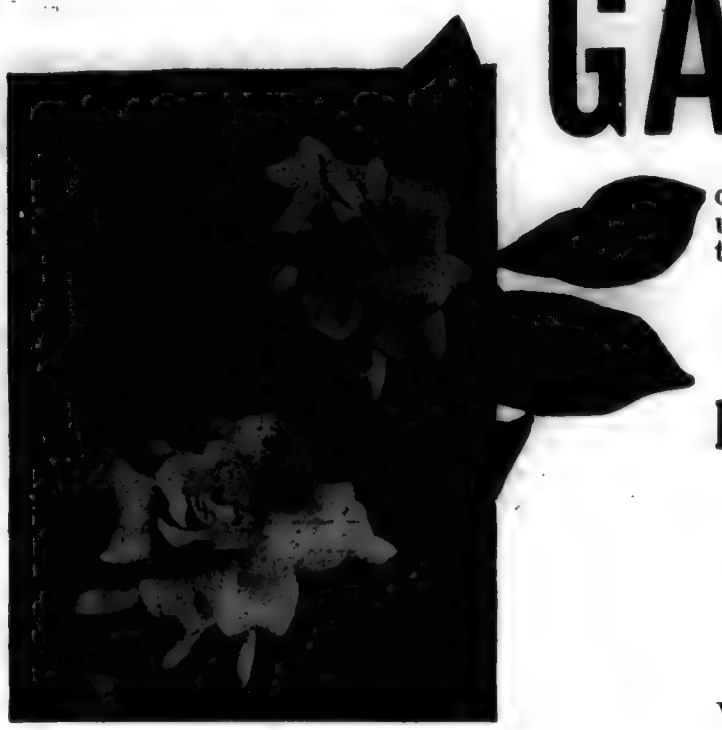
Richmond, White Killarney, Killarney and Princeton Roses.

PRINCETON

won the Montgomery cup for the best new pink rose not yet disseminated, and secured 87 points at the National Rose Show, held at Detroit, Mich., January 10, 1912.

BERGER BROTHERS
Wholesale Florists
140-142 North 13th Street, PHILADELPHIA, PA.

Mention The Review when you write.



GARDENIAS

of choicest quality and a splendid supply, thus giving us an opportunity to offer our customers some unusual opportunities to specialize on this choice flower. Write us for particulars.

Special .....$2.00 per doz.; $20.00 per 100
Fancy ..... 3.00 per doz.; 12.50 per 100

We are the Distributing Agents for the great new Roses of 1912:

Double White Killarney and Killarney Queen

(BUDLONG STRAIN)

Grafted .....$30.00 per 100; $250.00 per 1000
Own root ..... 25.00 per 100; 200.00 per 1000

SUNBURST

Grafted .....$35.00 per 100; $300.00 per 1000
Own root ..... 30.00 per 100; 250.00 per 1000

Write for our descriptive 8-page circular on these and other novelties.

Ribbons and Supplies Many new patterns in exclusive Ribbons. Write us for prices on these and on Supplies.

QUALITY

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF PHILADELPHIA

PHILADELPHIA 1608-1620 Ludlow Street
NEW YORK 109 West 28th Street
WASHINGTON 1212 New York Avenue

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GIVE QUALITY!

This is our motto and applies to anything you may order; not Roses, nor Carnations, nor Lilies—but

EVERYTHING.

Philadelphia Cut Flower Co., 1517 Sansom Street, Philadelphia, Pa.

OPEN UNTIL 6 P. M.

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sumption, it is plainly evident that anthracite coal for some time to come will be very strong, and deliveries slow. With the snow storms, the matter of transportation is greatly hampered.

On the question of bituminous coal, owing to the larger tonnage mined, which is about six times that of anthracite, the situation is not so bad, but it is extremely difficult to have any prompt deliveries made, and prices are strong; in fact, the bituminous trade generally for the last few weeks has been better than in a long time, which shows a better business condition generally.

Various Notes.

John L. Ratcliffe, of Richmond, Va., was here recently.

J. D. Eisele, vice-president of the Henry A. Dreer corporation, cabled his safe arrival at Plymouth, England, January 10.

William J. Baker is recovering from a serious fall on the ice on the evening of January 8. Mr. Baker's physician tells him that his excellent physical condition has enabled him to withstand the serious shock safely.

Morris Hoffman, with Alfred M. Campbell, has been on the jury for the last two weeks.

Paul Berkowitz received a letter asking that "your silent salesman call, as I want to see him."

The delegation that went from this city to Detroit last week were John R. Andre, John Berger, William P. Craig, E. J. Fancourt, Adolph Farenwald, James W. Heacock, Joseph S. Myers, Leo Niessen, Samuel S. Pennock, Robert Pyle, I. Rosnosky, Martin Samtman, S. S. Skidelsky and Edward A. Stroud.

Walter P. Stokes has returned to work after two weeks' absence, owing to illness.

The glass market is in even more attractive condition from a buyer's standpoint than it was a year ago.

The reëlection of Adolph Farenwald to the presidency of the American Rose Society pleases the street.

Harry Jones, with J. J. Habermehl's Sons, at the Bellevue-Stratford, is quick-witted. A visitor in search of a bar, already in a decidedly wet condition, was politely shown by Mr. Jones

to the fire-tower. Each ascending step rang a bell that quickly brought the hotel detectives.

John Berger, Leo Niessen and Samuel S. Pennock are unanimous in their praise of the rose show at Detroit. Mr. Berger was pleased with the favorable reception given Princeton. Mr. Niessen thought the flowers shown of a uniformly high character, while Mr. Pennock was particularly gratified by the good showing made by the new varieties he has espoused. Phil.

ST. LOUIS.

The Market.

There was quite a good market last week, but the cold weather, with a great deal of snow, put a damper on the transient business, especially among the downtown florists; among the uptown florists the telephones were working overtime. In the way of social work there was little going on, and the only thing that kept the florists busy some days was funeral work.

The wholesale men say that stock was by no means plentiful and that they cleaned up pretty well each day on first-class stock, with the prices not so high. The top price on roses was $10 per hundred, and on carnations it was $4. Violets brought 75 cents and with these the market is well supplied. Valley, Paper Whites and Romans also are plentiful, at the usual prices. The last week also found a good demand for smilax, asparagus and other greens.

Club Meeting.

The Florists' Club's first meeting in the new year was held Thursday afternoon, January 11. The cold weather and snow storm, which were quite severe, kept many away from the meeting, especially the suburban members, who generally outnumber the city attendants. President Windler opened the meeting at 3 o'clock, with only ten members present.

There was a general discussion on the Christmas business. There was to have been a paper read on "Christmas Plants," by Jules Bourdet, but Mr. Bourdet could not be present.

The members were much interested in the election of the head of the Chicago Florists' Club. In answer to a telegram from Secretary Beneke, Secretary Pyfer announced that Philip Foley had been elected and the news was well received by the members. The members approved the appointment of Fred H. Weber as state vice-president by President Vincent of the S. A. F.

It was voted to hold an officers' meeting in the latter part of the month, to arrange for an interesting program for the February meeting. The rest of the evening was taken up with interesting discussions from the question box. The next meeting of the club will take place Thursday afternoon, February 8.

Various Notes.

David Geddes, who for some years was with the M. M. Ayres Floral Co., has severed his connection with that firm and is now in the employ of F. H. Weber, on Maryland avenue. Mr. Weber has contracted to furnish the decorations and bouquets for the midwinter graduating class of the McKinley high school.

Franklin L. Ridgely, formerly park commissioner and well known in the local trade, has been confined to his home with pneumonia, but is now convalescing and is said to be out of danger.

Joe Windler, lately with the M. & O. railroad, is now with his brother, R. J. Windler, at 2300 South Grand avenue. They have had a good run of trade since the holidays.

Miss Anna Bernhardt, well known in local trade circles, is now in the employ of the Metropolitan Floral Co., at Grand avenue and Olive street.

Miss M. S. Newman had a great deal of elaborate work in funeral designs last week, having the family order for the late Samuel Copples, a retired capitalist.

MICHELL'S SALVIA SEEDS

Selected and saved by ourselves; grown by the acres at Michell's "Evergreen" Seed gardens; seeds are plump, fresh and strong in germination.



Michell's "Scarlet Glow" (new 1912)

An improvement on the Zurich, dwarf and compact, produces early an abundance of long spikes of brilliant scarlet flowers. 30c per ½ trade pkt.; trade pkt., 50c; oz., $5.00.

Salvia Splendens

Brilliant scarlet flowers. Trade pkt., 25c; oz., $1.25.

Salvia Bonfire (Clara Bedman)

Compact, bushy plant, with bright scarlet flowers. ½ trade pkt., 25c; trade pkt., 40c; oz., $2.25.

Salvia King of Carpets

A new variety, growing 18 inches high and producing flowers right from the bottom; color, bright scarlet. ½ trade pkt., 30c; trade pkt., 50c; oz., $3.25.

Salvia Zurich

A dwarf, compact growing plant, blooming fully a month earlier than Splendens, and suitable to edge taller salvias. ½ trade pkt., 30c; trade pkt., 50c; oz., $4.00.

MICHELL'S WHOLESALE FLORISTS' CATALOG for 1912 is brimful of good things for the grower. If you have not received it, WRITE FOR A COPY TODAY.

HENRY F. MICHELL COMPANY
518 Market Street PHILADELPHIA, PA.

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There's Money for You in Goldfish



$3.00 per 100 and up

Send for Catalogue

and our Special Assortments. Largest dealers in Goldfish and Aquarium Supplies in the United States. Sea Moss, Japanese Fish.

AUBURNDALE GOLDFISH CO.
920 W. Randolph St., Chicago, Ill.
PHONE HAYMARKET 152

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GOLD FISH SELL FAST

100% Profit for You in this.

Many stores are making big money handling these aquariums. Everybody buys.

Special Offer

COMPLETE OUTFIT

144 Globes, Capacity 1 Quart.
288 Gold Fish.
100 Medium Gold Fish.
144 Boxes Fish Food.
144 Instruction Sheets.
1 Dip Net, and Supply of Pebbles, Plants, etc.

All Costing you $20.00
(Half of the above for $10.00).

Sell Them as Follows:

144 Complete Aquariums at 15c..... $21.60
144 Boxes Fish Food at 10c..... 14.40
100 Medium Gold Fish at 10c..... 10.00
All Retailing for..... $46.00

YOUR NET PROFIT, $26.00

Fish are shipped best in cold weather. Order today. Satisfaction guaranteed. Big Catalogue Free.

JOSEPH SCHLAGHECK, Dept. "E" TOLEDO, O.

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THE Florists' Supply House of America

MIDWINTER SPECIALTIES

Birch Bark Ferneries with side handles are lasting, because they are made of strong wood, with woven birch bark on side; sizes, 6x13-in. to 6x19-in.
Fancy Oval Rattan Open-work Fern Baskets with pans, finished in white, gold, antique or Japanese brown, sizes, 8x12-in. to 16x23-in.
Round Pan Baskets with zinc liner, finished antique; sizes, 5x10-in. to 7½x14-in.
Willow Baskets, finished natural, moss or antique, 4½x8-in.
Square Green Antique Fern or Plant Baskets with tin pans, 6 to 12-in. diameter.
Oblong Rattan Baskets, 3x7-in. to 4½x23-in., very suitable for table ferns.

IMPERIAL CHINAWARE

Square Open-work Fern Dish with gold and green garlands on sides, 2¼x2¼-in. to 5x4½-in.
Square Woven Fern Dish with liner, the 4 posts on corners are flower receptacles, 4-in. and 5¼-in. diameters.
Open Grillwork Fern Dish with liner, 4x4x4-in., attractive for luncheon tables.
Open Grillwork Oblong Fern Dish with liner, size 4x4x9-in., looks exceptionally well when filled.
Let our Silent Salesman tell you about the above and many more.

H. BAYERSDORFER & CO., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.

The firm of Werner Bros. is supplying the local market with a fine lot of cut roses, which are handled by the W. C. Smith Wholesale Floral Co. George Schmidt has charge of the big rose houses.

Fire last week destroyed the private greenhouses of Joseph Peters, president of the Peters Furniture Co. The houses contained a valuable collection of cacti, said to be second only to that of the Missouri Botanical Garden.

The local seed houses, among them being the St. Louis Seed Co., the Schisler-Corneli Seed Co., the Schisler Grain Co., the Tinsley Seed Co. and Young & Sons Co., have started preparations for handling the big spring demand for seeds. All of them say they had a splendid trade in fall and winter bulbs.

The cold weather of last week tested the capacity of the boilers of our local growers, and some of the smaller growers out in the country lost part of their stock by freezing. The lowest temperature was 17 degrees below zero. Some of the retailers also suffered a loss, as the plants in their show windows were frozen.

Trustee Frank A. Weber, of the Florists' Club, who since January 1 has been traveling in the east in the interest of his firm, the N. J. Weber & Sons Nursery Co., writes that he will be back next week. J. J. B.

BOSTON.

The Market.

Severely cold weather, reduced cut flower supplies, quite a few frozen shipments and only a moderate demand were the features of last week's market. During low temperatures, particularly with icy streets and sidewalks, people will not come out to the stores and buy, and trade suffers. There has been no glut of anything, as flowers have opened slowly, yet but for funeral work the market would have been weak. Rose prices on all grades remain much the same. White Killarney has been considerably sought after. Among the newer roses Radiance, Harry Kirk and Prince de Bulgarie are proving popular, as is Mrs. Waddell. Carnations keep about the same. Sweet peas are of superb quality and have been selling rather better. Violets have not been so plentiful, but are enough for demands.

Dutch bulbous stock is not yet plentiful. Short yellow trumpet narcissi, such as Sir Watkin, have appeared, in addition to Golden Spur, Trumpet Major and Emperor, but are not yet plentiful. All colors of tulips are now obtainable. Paper Whites and Roman hyacinths continue abundant. Callas and Easter lilies have shortened up owing to the cold weather, also lily of the valley, which has sold somewhat better. Mignonette and antirrhinum are each now of excellent quality. Freesias are fine, especially Purity, which far outsells the older refracta alba. Of pansies the sale is only moderate. Of stevia there is still an abundance, but this will soon be finished. Marguerites, as usual, are among the best sellers on the market. Small supplies of sweet sultan, bachelor's buttons, primroses, violets and forget-me-not are seen among miscellaneous flowers. Cattleya Trianæ is now in good crop and selling well. Gardenias are good, but the severe weather has affected their sale. Asparagus is in good demand. Pot plant trade is almost at a standstill, owing to the intense cold.

Various Notes.

The J. A. Budlong Co., of Auburn, R. I., has 250,000 feet of glass, chiefly devoted to rose culture. John Pritchard is the able manager. Carnations have been dropped and Asparagus Sprengeri fills the houses they formerly occupied. W. E. Glidden is the salesman at the Boston Flower Exchange and handles an immense quantity of roses. Just now Killarney and White Killarney are extra good, as is Richmond. Other varieties noted were Harry Kirk, yellow; Lady Hillingdon, Radiance, Maryland, Cardinal and the so-called Mrs. Taft. The company has a splendid type of White Killarney, which

Cut Flowers Greens Supplies
——Everything a Florist Needs——
CINCINNATI CUT FLOWER EXCHANGE
Wholesale Commission Florists 24 E. Third Ave., Cincinnati, Ohio

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ESTABLISHED 1898.
SMITH'S GALAX LEAVES
LEUCOTHOE SPRAYS
are Standard.
WM. C. SMITH
Marion, North Carolina
Ask for Smith's Galax and Leucothoe. Distributors in Boston, Providence, New York, Philadelphia, Baltimore, Washington, Pittsburgh, Cleveland, Detroit, Chicago, Milwaukee, St. Louis and Cincinnati.

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Sprays - - Ferns
NEW CROP, FRESH FROM THE PATCH
Fancy and Dagger Ferns, $1.00 per 1000.
Long Green Leucothoe Sprays, $2.50 per 1000.
Short Green Leucothoe Sprays, $1.25 per 1000.
Bronze Leucothoe Sprays, assorted lengths.....$3.50 per 1000
Bronze Galax..... .50 per 1000
Green Galax..... .45 per 1000
Hemlock Sprays..... 1.50 per 1000
Rhododendron Sprays..... 2.00 per 1000
Mountain Laurel Sprays..... 1.50 per 1000
Discount on large orders. Eighteen years in the business. Send me your orders.
J. N. PRITCHARD, Elk Park, N. C.

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New Crop SOUTHERN WILD SMILAX Now Ready
Louisville Floral Co., P. O. Louisville, Ala.
Telegraph Office, Clayton, Ala.

Ferns——Galax——Moss

HEADQUARTERS FOR SOUTHERN WILD SMILAX

$3.00, $4.00 and $5.00 per case.

New Fancy Ferns
Per 100.....20c Per 1000.....$1.50

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000..... 5.00

Boxwood
Per lb.....20c Per case of 50 lbs.... 7.50
Per case of 100 lbs.....$14.00

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000.....$7.50

Green Galax Leaves
Per 1000..... 1.00 Per 10,000..... 7.50

Mexican Ivy
Per 100.....75c Per 1000..... 6.00

Green Sheet Moss
Per bundle.....$1.00 10 bundles ....$ 9.00
25 bundles..... 21.00

Sphagnum Moss
Large bales.....$1.50 per bale

SPECIAL PRICES ON LARGE QUANTITIES.

Imported Bronze and Green Magnolia Leaves, $2.00 per basket
Everything in Florists' Supplies

Full Line of Cut Flowers and Other Greens at All Times.

C. E. CRITCHELL, Wholesale Commission Florist, 34-36 East Third Ave., **Cincinnati, Ohio**

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gives no bullheads in winter and is pure in color.

At McMulkin's, on Boylston street, last week some excellent Prunus triloba and bougainvilleas were noted, also grand azaleas of specimen size.

Thomas Capers, of Wellesley Hills, grows remarkably fine Queen carnations, equal to the average White Enchantress, of which he also grows a good many. Other favorites are Beacon and Fenn. His pick is all handled by his son, H. T. Capers, at the Boston Coöperative Flower Market.

F. H. Houghton, of Park street, had the decorations, which were quite elaborate and artistically arranged, for the Sias-Prest wedding January 10. Palms, wild smilax and hundreds of superb, long-stemmed Beauty roses were used, the latter the pick of the Waban Conservatories' cut. Mr. Houghton has a large and growing trade at his new store, which is always arranged with exceedingly good taste.

William Nicholson, owing to sickness, was unable to make the Detroit trip, as hoped. I am pleased to report him much better.

George E. Buxton, of Nashua, N. H., a noted carnation specialist, is in the market with superb mignonette, which Thomas Pegler finds a quick sale for.

Noted in H. R. Comley's always interesting window last week were anthuriums, Polypodium Mandaianum, received weekly from the introducer and proving popular; clivias, yellow sweet sultan and the dark form of Dendrobium Phalænopsis.

J. T. Butterworth has been on the sick list, but a trip to the various orchid establishments near New York has braced him up. He is cutting a grand crop of Cattleya Trianæ.

Don't forget the ladies' night of the Gardeners' and Florists' Club January 23. The noted Emmanuel Church quartette and other noted entertainers are engaged, and there will be the usual collations and sundry other attractions. J. Otto Thilow, of Philadelphia, will give a stereopticon lecture at the February meeting, which will be kept also as carnation night.

Fred Sly, grower for W. B. Goode-now, the Stoughton violet specialist, will go into business for himself the coming spring at South Stoughton. He will build as a starter a semi-iron house 35 x 150 feet, and will install a Burnham boiler. Violets will be his specialty.

John W. Foote's crop of Bouvardia Humboldtii is all cut for the present.

FANCY OR DAGGER FERNS

$1.00 per 1000. Write for prices on large orders.

Galax, 75c per 1000; $6.50 per case of 10,000. **New Bronze** now ready, write for prices.



Tel. Office, New Salem, Mass.
L. D. Phone Connection.

MILLINGTON, MASS.

Try our **Boxwood,** it's the finest that grows; no waste; 50-lb. case, $7.50.
Laurel Festooning, the best, 4c, 5c and 6c per yard.
The finest **Laurel Wreaths** made, $3.00 per dozen.
Branch Laurel, 35c for large bundle.
Sphagnum Moss, $4.00 per bale.
Bouquet Green, 8c per lb.
Southern Smilax, $5.00 per case of 50 lbs.
Green Moss, $1.25 per bbl.
Partridge Berries, 10c per bunch of 50 sprays.

A Special Lot of GROUND PINE, only $6.00 per 100 lbs. First come, first served.

CROWL FERN CO., : Millington, Mass.

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WHOLESALE ONLY

Galax, Ferns, Leucothoe

——Ask for Price List——

THE NORTH CAROLINA EVERGREEN COMPANY,
Banners Elk, Pianola, Edgemont, Montezuma, Elk Park.
Address all communications to our home office, Banners Elk, N. C.

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LOOK! ACT!

Fancy Ferns.....$3.00 per case of 5000
Green Leucothoe, long lengths.....$1.75 per 1000
Green Leucothoe, 10 to 16-in. lengths... .90 per 1000
Order now. Stock guaranteed. Cash with order.

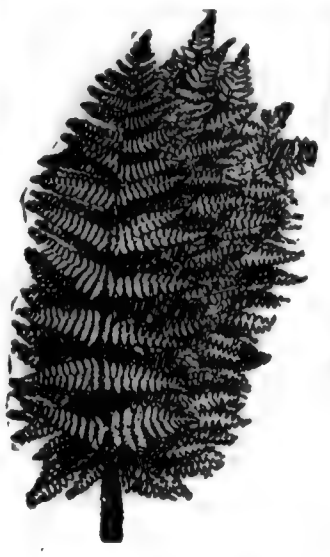
F. H. STINSON, Banners Elk, N. C.

George B. Hart

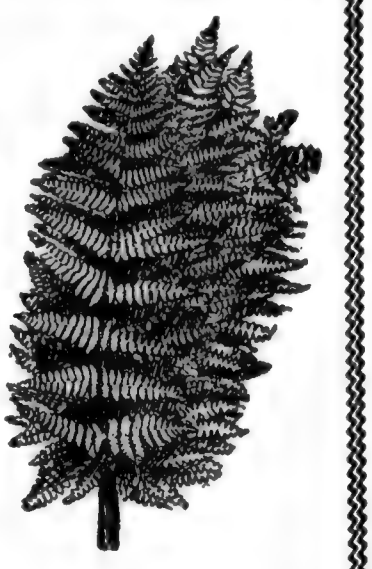
WHOLESALE FLORIST

24 Stone Street, ROCHESTER, N. Y.

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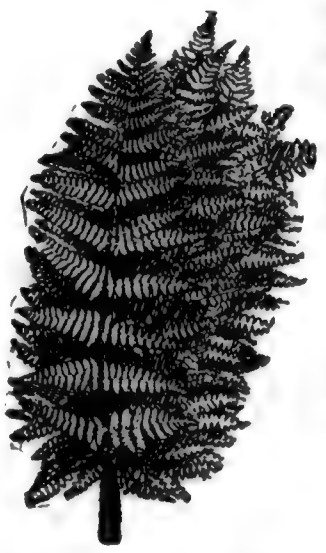
Fancy Ferns



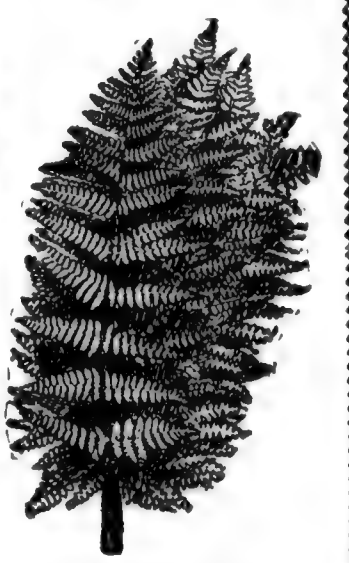
Finest stock in the country

$1.75 per 1000 Discount on large orders. **$1.75 per 1000**

Place your standing orders with us.
Full supply all the year around.



Imported green and bronze Magnolia Baskets, $2.25; 6 baskets	each, $2.00
Galax Leaves, green and bronze	per 1000, 1.25
Green Leucothoe Sprays, extra fine	per 1000, 7.50
Boxwood	per lb., 20c; per case, 50 lbs., 7.50
Wild Smilax	50-lb. case, 5.00
Sphagnum Moss	large bales, 1.50



Full supply Cut Flowers at all times.

Michigan Cut Flower Exchange

38-40 Broadway, Detroit, Mich.

"Nothing can improve on Nature"

1886 1912



GEORGE W. CALDWELL, The Woodsman
The man who gave you the Wild Smilax

WILD SMILAX

Large cases.....$2.50
Parlor brand half cases..... 1.50

Wire your orders
We ship same day

Caldwell The Woodsman Co.

Everything in Southern Evergreens

EVERGREEN, ALA.



When in Need of Extra Fine Quality CUT FANCY or DAGGER FERNS



Write to

"The Fern Men"

L. B. BRAGUE & SON {Since 1867} **HINSDALE, MASS.**

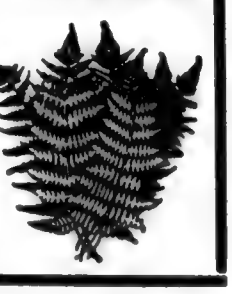
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SPECIAL PRICES FOR THIS WEEK



Bronze Galax	$4.00 per case of 10,000
Green Galax	4.00 per case of 10,000
Fancy Ferns	$3.00 per case of 5000
Short Green Leucothoe	$1.00 per 1000
Long Green Leucothoe	1.50 per 1000
Long Bronze Leucothoe	2.75 per 1000
Short Bronze Leucothoe	1.75 per 1000

Cash with order.



Wire us, Elk Park, N. C.

J. H. Von Canon & Co., Banners Elk, N. C.

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Wire, Write or Phone Your Orders For

Southern Wild Smilax

Palms, Pines, Fadeless and Natural Sheet Moss, to

CHAS. S. LEE & CO., Evergreen, Ala.

We guarantee to take care of you to your entire satisfaction.

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We are now shipping

Southern Wild Smilax

Natural and Perpetuated

SHEET MOSSES

E. A. BEAVEN, - EVERGREEN, ALA.

Always mention the Florists' Review when writing advertisers.

He is, however, shipping a really superb lot of Beacon and Pink Delight carnations to the Boston Coöperative Market.

At Penn's, on Bromfield street, business always seems brisk. Even the late severe cold wave did not seem to cause any slackening. They are showing some splendid Lilium auratum, cattleyas, gardenias and Beauties, and are, as usual, strong on Princess violets.

William T. Walke, of Salem, is shipping to the local markets his usual fine lot of cyclamens and primulas.

Harry F. Woods, of Brookline, and H. F. Calder, of Norwood, are successful double violet specialists, whose flowers this season are of excellent quality.

January is energetically endeavoring to make amends for December's extreme mildness. January 13 was the coldest day Boston has had in four years. The day temperatures have ruled unusually low during the whole of the cold wave. What with frozen shipments and the steady depletion of the coal supplies, florists will be pleased to see milder weather.

W. R. Morris, of Wellesley Hills, is shipping a splendid lot of Killarney and White Killarney to B. J. McGinty at the Boston Coöperative Market.

Noted in Carbone's windows last week were some fine hybrid amaryllises. Among a host of other subjects, some beautiful ericas and camellias were to be seen.

Charles Rapp, of Melrose Highlands, is cutting some good Cattleya Trianæ in addition to callas and carnations.

Adolph E. E. Koch has a constant call for his pink snapdragon and has one order for cut flowers for Michigan each week.

Edward J. Ahern, of Wellesley, is strong on yellow marguerites at present.

John McFarland, of North Easton, thinks highly of the double poinsettia, P. pulcherrima plenissima. It requires earlier propagation and rather more heat to be in good shape for Christmas. He says he never knew valley to develop so slowly as during the recent cold wave.

The William E. Doyle Co., on Boylston street, are having excellent business. They have among other plants just now some fine metrosideros and new azaleas.

A. G. Lake, of Wellesley Hills, continues to find the old Queen and Fair Maid carnations as good money makers as any today.

The Detroit conventionists, most of whom returned this week, report a delightful time in spite of the cold wave and snow storms which accompanied them throughout their entire trip.

Smoke from a destructive fire on Federal street January 9, not far from the Devonshire street emporium of Welch Bros., did considerable damage to the large stocks of ribbons, artificial flowers, etc., in the basement. They were fortunately covered by insurance. This will not interfere with Messrs. Welch's shipping trade, however.

Frank T. White, of Holbrook, has some of the best grown Chinese primulas we have seen this season.

The last mums of the season, some nice pink ones, appeared at the Boston Flower Exchange January 10. They were from Peirce Bros., who have now in addition some fine cyclamens and azaleas.

W. N. Craig.

FLOWER GROWERS SALES CO.
INCORPORATED
BOSTON, MASS.
Direct from Grower to Dealer.

DIRECTORS

E. Allan Peirce — C. H. Holbrow
Louis J. Reuter — Frank Dolansky
J. Frank Edgar — Frank P. Putnam
Wm. Sim — A. A. Pembroke
Thos. Roland — Wm. Lenk
Wm. Jurgens — Wilfred Wheeler

THANKS

for our large Xmas business, which came to us from all quarters of New England.

During the midwinter season we shall have constantly in stock the best selling varieties of ROSES, CARNATIONS, ORCHIDS, VALLEY, VIOLETS, PANSIES, SWEET PEAS, ETC., and respectfully solicit orders for regular or occasional shipments.

Write for prices at any time.

Salesroom at BOSTON FLOWER EXCHANGE PARK STREET Telephone 3766 Haymarket

Office at 1A PARK STREET Telephone 3765 Haymarket

Mention The Review when you write

WELCH BROS., 226 Devonshire Street, Boston
The Largest Wholesale House in America
Orchids :: American Beauties :: Gardenias :: Other Seasonable Flowers

Mention The Review when you write

Danville, Ill.—The boiler house at the greenhouses of the Danville Floral Co., at Central Park, was destroyed by fire early on Sunday morning, January 7. H. A. Dubuis is proprietor. The loss is said to have been partly covered by insurance.

Canandaigua, N. Y.—Edward Sick is well pleased with the season's business. His carnations were in full crop just when needed and Enchantress was never better. He is willing to pay a good figure for the variety that will beat this old favorite.

Want and For Sale Department

Advertisements under this head 10 cents per line, cash with order from all who do not do other advertising. In sending remittance count seven words to the line.

Display advertisements in this department $1.50 for one inch space.

When answers are to be sent in our care, add 10 cents for forwarding.

Plant advertisements not admitted under this head.

SITUATION WANTED—Florist in first-class store, with best New York city experience. Address No. 45, care Florists' Review, Chicago.

SITUATION WANTED—By young man with several years' experience in general greenhouse work; Pennsylvania or New York preferred. Address No. 51, care Florists' Review, Chicago.

SITUATION WANTED—As gardener on private place; has nine years' experience; married, no children; by the first of March or before. Address B. T. De Wilde, R. 2, Orange City, Iowa.

SITUATION WANTED—As working foreman; competent grower of roses, carnations, mums and general all-round stock; German, single, age 36; life experience; A-1 reference. Address J. L., 909 Jessamine St., St. Paul, Minn.

SITUATION WANTED—As foreman on commercial place; 18 years' experience; no drinker; married; 35 years; 2 children; references; state salary with or without house. Address No. 37, care Florists' Review, Chicago.

SITUATION WANTED—By competent lady florist in modern store, where a good, live business is done; age 26; eight years' experience; good references; at liberty Feb. 15th; central states preferred. Address No. 42, care Florists' Review, Chicago.

SITUATION WANTED—By Dutch florist, 28, abstainer and non-smoker, as grower, propagator or office assistant; 12 years' experience in florist and nursery trade, England, France, Germany, 3 years America; references. Address J. Roest, Y. M. C. A., Colorado Springs, Colo.

SITUATION WANTED—By young woman, Scotch, eighteen years' experience with wholesale and retail seed firm; capable of handling correspondence and other lines in mail order catalogue trade; eighteen years with one firm; best of references. Address No. 52, care Florists' Review, Chicago.

SITUATION WANTED—As working foreman on commercial place by married man; life experience; state wages and particulars in first letter. Address C. A. Lyle, 311 E. Clay St., Richmond, Va.

SITUATION WANTED—By German, single, middle age; experienced in pot plants, palms, ferns, bedding plants, forcing stock; Chicago or vicinity preferred. Address No. 29, care Florists' Review, Chicago.

SITUATION WANTED—By competent grower of general stock; single, German, age 26; first-class references from American and European firms; west preferred. Address No. 27, care Florists' Review, Chicago.

SITUATION WANTED—By thoroughly competent grower of cut flowers, misc. stock, plants, etc.; first-class designer and propagator, capable of taking full charge and producing high grade results; Dane, age 25; strictly sober, honest; highest references; state particulars and wages. Address No. 47, care Florists' Review, Chicago.

SITUATION WANTED—By competent all-round florist, 32 years of age, single, and with 20 years' experience in Europe and U. S.; am considered a first-class designer and a grower of fine reputation, fully capable of filling any position pertaining to the trade; I am of good appearance with sterling character and habits; will be at liberty 1st of March; amateurs need not answer. Address No. 21, care Florists' Review, Chicago.

HELP WANTED—A young lady florist to help in store and office; references; in an eastern city. Address No. 11, care Florists' Review, Chicago.

HELP WANTED—A rose grower who knows something about grafting; state wages expected. Address United States Cut Flower Co., Elmira, N. Y.

HELP WANTED—A good all-round greenhouse man; a man of experience; can use him at once; we want no drinking man. The Newburys, Mitchell, S. D.

HELP WANTED—An all-round greenhouse man, no drinker, who can grow general all-round stuff; middle west; steady position for right man. Address No. 50, care Florists' Review, Chicago.

HELP WANTED—At once, married man to take full charge of greenhouses, 15,000 square feet, growing carnations and plants; none but a first-class grower need apply. James Hayes, Topeka, Kan.

HELP WANTED—At once, experienced all-round store man; salary to start, $75.00 per month; splendid opportunity for the right man; send references and full particulars in first letter. Smedley & Co., Fargo, N. D.

HELP WANTED—A first-class rose grower for section; must be up-to-date, married, American, strictly temperate; good, steady place for man meeting these requirements; full particulars in first letter; also how long employed on last place. C. H. Frey, Lincoln, Neb.

HELP WANTED—A good all-round greenhouse man, especially in mums, cyclamen, bulbs and bedding plants; must be a good Christian; middle age, single man preferred; steady position, open about March 1. Eschrich Nursery & Floral Co., North Milwaukee, Wis.

HELP WANTED—An A No. 1 rose grower to take charge of rose department in an up-to-date place; must be a man able to deliver the goods; steady and sober; first-class position, and a very good chance for advancement. Address No. 43, care Florists' Review, Chicago.

HELP WANTED—Experienced man to take charge of retail florist stand in large department store; married preferred; want person that has had experience in buying, selling, handling, decorating, designing, etc.; write and state wages. Miami Floral Co., Dayton, Ohio.

HELP WANTED—A practical, sober and industrious working foreman to take charge eral bedding stock; right wages to the right of 60,000 feet of glass, carnations, roses and genman; do not answer unless you can give satisfactory reference. Address No. 46, care Florists' Review, Chicago.

HELP WANTED—Immediately, capable florist with vegetable knowledge, to take charge of new, up-to-date plant just erected, 5,000 feet glass; drinking man need not apply; none but those who can make good; prefer party having Pacific coast experience; apply stating wages, with reference, to Geo. D. Robertson, Box 326, Sunnyside, Washington.

TO LEASE—4000 ft. of glass; possession next June; correspondence from strictly reliable parties solicited. J. T. Cherry, Athens, Ill.

FOR SALE OR RENT—Nine greenhouses, 23,000 square feet of glass, all stocked. Apply to August Grossmann, 5038 Lincoln avenue, Chicago.

FOR SALE OR WILL TRADE—For small greenhouse in Iowa, Neb., Kan., or northern Mo., a good 5-room residence with cellar, city water and sewer; located in city of 13,000 in Iowa. Address No. 41, care Florists' Review, Chicago.

WANTED TO LEASE—With privilege of buying from four thousand to ten thousand feet of glass; modern place required, with good dwelling and outbuildings; prefer several acres; middle west preferred. Address No. 35, care Florists' Review, Chicago.

FOR SALE—Florist store, stock and fixtures; bargain. Cella, 2100 Columbia Ave., Philadelphia, Pa.

FOR SALE—My Seedling Transplanter; with it you can set in 5000 plants per day; send for circular. Albert A. Sawyer, Forest Park, Ill.

FOR SALE—Seven thousand feet of glass, well stocked; good dwelling; my price is right if you mean business. Mrs. May Bradley, Elwood, Indiana.

FOR SALE—A white enamel florist's ice box, 6 feet high, 6 feet wide, 2½ feet deep, equal to new, our make; $75.00 f. o. b. St. Louis. Address The Brecht Co., St. Louis, Mo.

FOR SALE—Kroeschell boiler and 1,500 feet 4-inch C. I. pipe, in good condition; it will pay you to investigate. Wm. E. F. Weber, Sault Ste. Marie, Mich.

FOR SALE—Greenhouse property, well stocked, with or without residence; wish to retire from business; will sell for less than one year's sales. For particulars address Cyrus Wilson, 1014 Gallatin St., Marion, Indiana.

FOR SALE—Well established floral wire design business in Chicago, doing a $2,000 to $2,500 business per year; could be increased; terms reasonable. For further information address No. 202, care Florists' Review, Chicago.

FOR SALE—Greenhouse plant, 4000 feet of glass, seven-room dwelling, shop 15x30, two acres of land, three chicken houses; connected by trolley with four cities; reason for selling, poor health. W. H. Shumway, Berlin, Conn.

FOR SALE OR LEASE—Greenhouses and residence, 2 acres of ground, 5000 ft. of glass; independent water system; hot water heat; southwest center of Illinois; a bargain; terms reasonable. Address No. 28, care Florists' Review, Chicago.

FOR SALE—Greenhouse in Downers Grove, Ill., close to Chicago, two acres of land, 50,000 square feet of glass, fully equipped; might rent to good tenant; will consider a trade for real estate. Aurora Selling & Buying Agency, Aurora, Illinois.

FOR SALE—Two greenhouses, 6,000 feet of glass, 7-room dwelling; inside city limits of 6,000; all in good repair; no competition, good retail trade; price $7,500, one-third cash, balance on easy terms. For particulars write Mrs. Anna J. Phare, Willmar, Minn.

FOR SALE—A fully stocked and equipped growing establishment in a city of 25,000 in central Ohio; 15 houses, 12 built in 1906; if you want a good paying range of houses reasonable, it will pay you to investigate. Address No. 44, care Florists' Review, Chicago.

FOR SALE—A good live business and stock in an up-to-date, lively factory town of 6000; will lease modern residence, greenhouses and land for a term of years; only those who mean business need to reply; southern Michigan. Address No. 134, care Florists' Review, Chicago.

FOR SALE—Well established florist business in city of 8,000, with good resort trade; 28,000 feet of glass; steam heat; well stocked for winter and in good shape; seven acres of land; modern house, barn; write for details or call and investigate for yourself. James Taylor, Mt. Clemens, Michigan.

FOR SALE—The long established florist business of John E. Haines, Bethlehem, Pa., recently deceased; 24,000 feet of glass; the business is now successfully and profitably conducted by his executor, but must be sold to carry out the provisions of his will. L. F. Leibfried, Executor, Estate of John E. Haines, dec., Bethlehem, Pa.

Situation Wanted

By all-around store man, well up in all branches of the trade; can take complete charge as to managing up-to-date store; can furnish the best of references. I am at liberty now.

Address No. 49, care Florists' Review, Chicago

WANTED—FIRST-CLASS GARDENER FOR COUNTRY PLACE WITHIN ONE HOUR'S RIDE FROM CHICAGO. STATE WHERE EMPLOYED LAST FIVE YEARS, ALSO SALARY EXPECTED. ADDRESS NO. 38, CARE FLORISTS' REVIEW, CHICAGO.

SEEDSMAN

One to put up orders and wait on counter trade in a New York city seed house. State reference and salary expected. Address No. 40, care Florists' Review, Chicago.

WANTED -- SALESMEN for Lawn Grass Seed

In every city in United States and Canada. On commission basis or as side line for traveling men. Answers strictly confidential.

J. OLIVER JOHNSON, Seedsman
1876 Milwaukee Ave., Chicago

HELP WANTED

A young man as a helper, who has had some experience in a commercial place. Position open now. Send references and salary expected in first letter.

Hayman Greenhouse Co.
Clarksburg, W. Va.

WANTED—THOROUGHLY EXPERIENCED GARDENER, CAPABLE OF TAKING CHARGE OF PLACE ABOUT TWENTY-FIVE MILES OUT OF CHICAGO. PREFER MARRIED MAN WHOSE WIFE CAN DO FIRST-CLASS LAUNDRY WORK. STATE WHERE LAST EMPLOYED AND SALARY EXPECTED FOR BOTH. OWNER WILL FURNISH HOUSE TO LIVE IN. ADDRESS NO. 39, CARE FLORISTS' REVIEW, CHICAGO.

Gardeners

If you wish to send us your address, with statement of experience, etc., we will place same on file. We do this for the benefit of our clients who wish gardeners.

PETERSON NURSERY
1032, 30 N. La Salle St., CHICAGO, ILL.

STORE WANTED

In Cleveland or Pittsburgh. Answer fully. All replies treated in strict confidence.

A. R. McGILL,
P. O. Box 899, Pittsburgh, Pa.

Cash For Your Property or Business. I bring buyer and seller together, no matter where located. If you want to buy or sell, address FRANK P. CLEVELAND, 2700 Adams Express Building, Chicago, Ill.

For Sale

A good wholesale florists' establishment of about 35,000 sq. ft. of glass, 30 acres of good ground and excellent house of 10 rooms; also good outbuildings; vicinity of Pittsburgh, Pa.; price and terms reasonable. For further particulars, address

No. 48, care Florists' Review, Chicago

For Sale

$600.00 for an up-to-date, money-making flower store; good transient trade, live street. We have made money here for 12 years; if you are satisfied with $200.00 per month, grab this. Easter trade will clear the place. Terms.

HILTON, 1320 E. 63d Street, Chicago

FOR SALE

Excellent florists' place in the best shopping district in Pittsburgh.

Address No. 22,
Care Florists' Review, Chicago.

BARGAINS in Return Steam Traps, Reducing Valves, Blow-Off Valves, Water Circulators

Robt. Ross Jones
HARRISBURG, PA.

SACRIFICE SALE

Seven and one-half acres at Hinsdale, Ill. (near Chicago). One acre under glass; three acres garden; six-room cottage and barn; village water and gas Possession March 1, 1912.

Estate of James D. Beckett
1527 W. Madison St., Chicago

Eight Pages of Retailers' Cards

This department for the cards of Leading Retail Florists — those florists who have the facilities for filling the orders sent them by other florists — has made possible the recent rapid development of this branch of the business, a branch of the trade now established for all time and so helpful that its volume will keep on increasing for many years.

Are you sending and receiving your share of these orders? You can send your share (and make 20 per cent profit without effort) if you let your customers know you can perform this service for them. To receive your share—well, The Review's department for Retailers' cards remains the one way of getting prompt action on the order in hand.

To be represented costs only 70 cents per week on a yearly order. This is for one-inch space. Other spaces in proportion.

Why not send your order today—**now**—before you forget it?

LOUISVILLE, KENTUCKY

JACOB SCHULZ, Flower Shop, 550 South Fourth Avenue, Greenhouses, 831 Cherokee Road.

Personal attention given to out-of-town orders for Louisville and surrounding territory. Member Florists' Telegraph Delivery

E. R. FRY, Florist

Rochester, N. Y.

I have constantly on hand a seasonable variety of fresh cut flowers, which I will deliver promptly in Rochester and adjoining towns.

KENOSHA, WIS.

and all points between

CHICAGO AND MILWAUKEE

Mail, wire or phone your orders to

P. N. OBERTIN, 567 Chicago St., KENOSHA, WIS.

Indianapolis, Ind.

241 Massachusetts Ave.

Bertermann Bros. Co.

LEADING FLORISTS

Members Florists' Telegraph Delivery Ass'n.

Lexington, Ky.

JOHN A. KELLER, Florist

High Grade Cut Flowers and Designing : : : :

All orders entrusted to us for Central Kentucky will have careful attention.

Lang Floral & Nursery Co., DALLAS, TEXAS

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

Prompt and personal attention given all orders.

MRS. J. T. HINCHLIFFE

FLORIST

504-506 Wisconsin St., Racine, Wis.

Special care taken with telegraph orders for

DETROIT AND VICINITY

L. Bemb Floral Co., Albert Pochelon, Prop., 153 Bates St.

Chas. W. Crouch, KNOXVILLE, TENN.

The Leading Florist of the South

All Orders Given Special Attention

GEO. C. BAKER, Florist

206 E. Park Ave., San Antonio, Texas

W. E. PETERS, Largest Retail Florist in **VERMONT.**

All orders receive my attention.

137 St. Paul St. Burlington, Vt.

DENVER.

The Market.

The quiet that usually follows the storm has come over us. Everything is unusually dull, and, except for an occasional funeral or a dinner decoration, business would be at a standstill. The gradually lengthening days seem to be having an effect on stock. Carnations are arriving in larger numbers and, on account of the lack of demand, prices have fallen. Mrs. C. W. Ward is a favorite and in constant demand. With us, as yet, it has no variation of color, no streaks or different shades, as it is reported to have in the east. Its keeping qualities are excellent, and it makes a good stem and a large flower. Many growers are planning for an increased number next season.

American Beauties, long-stemmed, are in good crop, although many of the flowers are poor. Medium and short grades are rather scarce, but in some instances, rather than lose a sale, long Beauties that have opened a little have been cut down to suit the customer's purse. Tea roses run about as usual. Killarneys, both pink and white, seem to be gradually losing favor because they do not keep. They have but little substance and wilt after a little exposure. About the only roses that are grown are Richmond, the Killarneys, white and pink, and a few Chatenays. One rarely sees anything else. The growers say that novelties do not pay.

The violet men are discouraged. Violets can be bought at 50 cents a hundred, and it hardly pays to pick and bunch them at that price. A shipment of violets recently received from New York came through in elegant condition, but the fragrance had left them. They were two or three times as large as ours.

Various Notes.

Theodore Loken and Thomas McDonald have taken the store at Fif-

Mankato, Minn.

The Windmiller Co.

Will fill orders for Minnesota and the Dakotas.

Member Florists' Telegraph Delivery.

Newark, Ohio

CHAS. A. DUERR, The Arcade Florist

Auto. Phone 1840

Greenhouses, Granville, Ohio—Phone 26

Member Florists' Telegraph Delivery

Canada's Florist

Dunlop's

96 Yonge St., TORONTO

"WE NEVER SLEEP"

IDLEWILD GREENHOUSES, **Memphis, Tenn.**

89 South Main Street

"Up-to-the-minute" Service and Execution. Every Flower in Season.

WILSON

BROOKLYN

New York

Telephone, 6800 Prospect

Louisville, Ky.

F. WALKER & CO., 634 Fourth Ave.

All orders receive prompt and personal attention.

LOU HELEN DUNDORE, THE ROSERY

110 W. King St., LANCASTER, PA.

CORNELL and WELLS COLLEGES and

CENTRAL NEW YORK ORDERS

Dobbs & Son, Wholesale and Retail Florists, Auburn, N.Y.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

J. A. VALENTINE, Denver, Pres.
Other Directors: Ernst Wienhoeber, Philip Breitmeyer, A. B. Cartledge, W. F. Gude, George Asmus, Fred H. Meinhardt.
Mutual Discounts 20 per cent. Provision for guaranteed accounts

W. J. PALMER, Buffalo, Vice-Pres.

Florists' Telegraph Delivery

(RETAILERS' SECTION—S. A. F. & O. H.)

W. L. ROCK, Kansas City, Treas.
Write for particulars to
IRWIN BERTERMANN, Secretary,
241 Massachusetts Avenue,
Indianapolis, Ind.

Mention The Review when you write.

Los Angeles, Cal.

THE ROSERIE
FLORIST
LARGEST STORE IN CALIFORNIA
721 SOUTH BROADWAY
C. J. MULLER, Proprietor
Orders for Designs or Cut Flowers promptly filled. Trade discount.

HAYWARD FLORAL CO.

216 West Sixth St., LOS ANGELES, CAL.

Cut flowers or good design work by best artists and designers, delivered anywhere in the west on receipt of mail or telegraph orders. Usual discount to the trade.

CARBONE, 342 Boylston St.,
BOSTON
Member Florists' Telegraph Delivery Association

Send flower orders for delivery in
BOSTON AND ALL NEW ENGLAND POINTS
To THOS. F. GALVIN, Inc.
124 TREMONT ST. BOSTON

MILLS THE FLORIST, Inc.

36 W. Forsyth Street
Jacksonville, Fla.
We reach all Florida and South Georgia points.

North Dakota
IOWA
All Orders Promptly and Properly Executed.



South Dakota
MINN.
40,000 feet of Commercial Cut Flowers.

The Newburys, Mitchell, S. D.

John Bauscher, Jr., FREEPORT, ILL.
100,000 SQUARE FEET OF GLASS.
At Your Service.

CLARK, FLORIST, SCRANTON, PA.
124 Washington Ave.
Member Florists' Telegraph Delivery. Orders for Northeastern Pennsylvania filled promptly. Usual discount. Both Phones No. 2454.

Wholesale and Retail orders for Cut Flowers, Funeral Designs, etc., receive prompt attention.
CLEVELAND, OHIO
G. M. NAUMANN & SON

Thee Florists

328 W. Fifth St., Los Angeles, Cal.

We make a specialty of out-of-town orders and solicit your business, which will have our prompt attention. Prices right. Usual discount.
FRANK LICHTENBERG, Prop.

WOLFSKILLS'
and
MORRIS GOLDENSON
Consolidated.
CUT FLOWER MERCHANTS
We solicit telegraph orders.
Regular Trade Discount
229 W. Third Street, LOS ANGELES, CAL.

NEW JERSEY

EDWARD SCEERY—PATERSON and PASSAIC
Member Florists' Telegraph Delivery Association.

S. MASUR

Telephone 334 Main.
236 Fulton Street, BROOKLYN, N. Y.

teenth and Cheyenne streets, recently occupied by W. C. Walter. The building will be torn down in the near future, to make room for a modern hotel, but they will run it until that time.

The party which left January 8 for Detroit consisted of J. A. Valentine, N. A. Benson, Emil Glauber, W. H. Grimes and C. L. Gross. After the convention Mr. Glauber went on to New York to visit relatives.

The final plant schedule for the Denver flower show, to be held next fall, has been completed by the committee. The cash prizes offered for plants aggregate $1,306, $689 of this amount being for chrysanthemum plants. It has been decided that competition in any of the thirty-six classes will be open to anyone, anywhere. Anyone wishing a copy of this schedule can obtain one by addressing J. A. Valentine, care of the Park Floral Co., Denver.

The store at 245 Broadway, which F. X. Goeschl opened for the holidays, has been discontinued.

Mr. and Mrs. C. F. Maler have the sympathy of the trade in the loss of their baby boy, born January 4.

There will be a flower stand in the Dutch Mill, at 811 Sixteenth street, of which George H. Cooper will be proprietor, with William Neff in charge. It will open on Saturday, January 20, will deal exclusively in cut flowers and will be conducted on a strictly cash basis. The plant trade and funeral work will be taken care of at his Fifteenth street store. M. R. J.

CLEVELAND

...THE...
J. M. GASSER COMPANY
EUCLID AVENUE
We ship all points in Ohio. The best of everything in Flowers.

FRED C. BECKER

1730 Cambridge Street,
CAMBRIDGE, MASS.
Deliveries made to Harvard and Radcliffe Colleges and all outgoing Boston steamers.

Mention The Review when you write



STEAMER ORDERS A SPECIALTY.

CHICAGO

A. LANGE, 25 E. Madison Street

Seattle, Washington
Hollywood Gardens
1534 SECOND AVENUE
MEMBERS FLORISTS' TELEGRAPH DELIVERY
Mention The Review when you write

GALESBURG, ILL.

I. L. PILLSBURY—For Central Ill.
Member Florists' Telegraph Delivery Association.

Evanston and Chicago
JOHN WEILAND, EVANSTON, ILL.

Deliveries to Northwestern University and all North Shore Towns.
FISCHER BROS. 614 Dempster St., EVANSTON, ILL. L. D. Phone 2642

MONTREAL, We can fill all orders.
HALL & ROBINSON, 825 St. Catherine Street, West

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Bell Main 2809
Cuy. Central 1866

The Smith & Fetters Co.
LEADING FLORISTS
735 Euclid Ave., Cleveland

Samuel Murray
KANSAS CITY, MO.
913 Grand Ave.
All Orders given Prompt and Careful Attention
Member of the Florists' Telegraph Delivery.

Cable and Telegraph, Franzen. Phone Rav. 2876
CHICAGO
FRANZEN
1476-78 SUMMERDALE AVE.

TRENTON, N. J.
MARTIN C. RIBSAM
THE FLORIST
Messenger delivery to Princeton, New Brunswick, Bordentown, Hightstown, Lawrenceville and Lambertville, N. J.

Send Your **PHILADELPHIA** Orders to...
CHARLES HENRY FOX
BROAD AND WALNUT STREETS
Always on time

Rockford, Ill., H. W. Buckbee

S. B. STEWART
119 No. 16th St., OMAHA, NEB.
Wholesale and retail orders for CUT FLOWERS, FUNERAL DESIGNS, etc. by telegraph will receive prompt attention at
IRA G. MARVIN'S, Wilkes-Barre, Pa.

Benson's Flowers
Indianapolis, Ind. DELIVERED ANYWHERE

R. Strohmeier, Aberdeen, S. D.
Prompt Attention Given to Out-of-town Orders

Orders for **Charleston, W. Va.** are given prompt and careful attention by the
CHARLESTON CUT FLOWER AND PLANT CO.

Brockman's Flower Shop **Fort Smith, Ark.**
Leading florists in fastest growing city in the southwest.

Archias Floral Co SEDALIA, MISSOURI
Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

J. F. WILCOX & SONS, 521 Broadway, Council Bluffs, Iowa.
Wholesale and Retail
Largest Greenhouse Establishment West of Chicago.
Orders delivered anywhere, including Iowa, Nebraska, North Dakota and South Dakota. Free deliveries to Omaha.

A Card This Size
Costs Only 70c per Week on Yearly Order
It would keep your name and your facilities before the whole trade.
A half-inch card costs only 35c per week on yearly order.

NEW YORK.

The Market.

Every department of the cut flower business in New York suffered seriously last week because of the extremely cold weather, no such prolonged season of zero temperature having been experienced here for forty years. All through the week stock came to the market badly frozen. This was especially noticeable Saturday night, when many delayed shipments of violets arrived in bad condition. The street merchants for weeks have been under cover and the market has had no relief from this source. Even the department stores have been comparatively deserted. It is fortunate the receipts of stock were not greater.

Of roses there is a sufficiency, and the quality of stock arriving, from Beauties and the new varieties to Maids and Brides, is seldom excelled. Beauties hold steady at $6 per dozen for the best grade in quantity. Hillingdon, Ward and Prince de Bulgarie grow in favor rapidly and beyond the possible supply. Killarney and Maryland never showed better color and length and strength of stem, while Richmond is snapped up promptly on arrival and is as popular as in the holidays. Carnations have fluctuated between $1 and $3 per hundred, only a few selected novelties going above that quotation. Violets are again abundant and values are receding. A large quantity of unsalable stock came in last week, the cold wave being responsible. The top figure has been 50 cents per hundred. The street will now provide an outlet for the accumulation of the inferior grade. The slump in gardenias has been one of the surprises of the season. The short-stemmed stock is ridiculously low, some of it selling last week under $2 per hundred. The best sold slowly at $3 per dozen and from that to $10 per hundred. Orchids even have shared in the depression, and 25 to 50 cents for the best cattleyas is the prevailing figure. Valley and lilies show little life and prices remain low. Of freesia there is now no limit, and daffodils, bouvardia, daisies, sweet peas, mignonette, narcissi and hyacinths, with antirrhinum, tulips and wallflowers, complete a bulging supply of every seasonable flower.

Various Notes.

The majority of the conventionists

Established 1859.
A. Wiegand & Sons
Florists and Decorators
1610 to 1620 N. Illinois St., Indianapolis, Ind.
Indiana's oldest, largest and most complete retail establishment.

Stiles' Flower Store
OKLAHOMA CITY, OKLA
Members Florists' Telegraph Delivery.

Tonseth Floral Co.
325 Morrison Street
GROWERS AND RETAILERS
Portland, Ore.

The Formery **SCHULTHEIS, FLORIST**
Write, Phone or Wire 612 Linden St.. SCRANTON, PA.

Orders for southern MINNESOTA and northern IOWA will be properly cared for by
A. N. KINSMAN, Austin, Minn.

INDIANA and ILLINOIS
Promptness and very Freshest Flowers.
N. B. & C. E. STOVER, 118 So. 6th St., TERRE HAUTE, IND.

Frey & Frey, 1338 O St. **Lincoln, Neb.**
Wholesale and Retail
100,000 sq. ft. of glass at your service. Trade discount

Minneapolis, Minn. LEADING FLORISTS
SWANSON'S, 618 Nicollet Ave.

DRUMM SEED and FLORAL CO.
507 Houston St., FORT WORTH, TEX.
Headquarters for Cut Flowers and Funeral Designs

J. J. BENEKE
1216 Olive St. ST. LOUIS, MO.

Baltimore, Md.
ALBERT G. FIEDLER & CO., 902 South Charles St.

I. N. KRAMER & SON
CEDAR RAPIDS, IA.

Colorado Springs, Colo.
Frank F. Crump Wholesale and Retail Florist
Member Florists' Telegraph Delivery.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

LOUISVILLE, KENTUCKY

M. D. REIMERS

New Location, "THE SEELBACK," and 223 S. FOURTH AVENUE

CHOICEST CUT FLOWERS

PERSONAL ATTENTION GIVEN TO OUT-OF-TOWN ORDERS

Orders for
BIRMINGHAM, ALA.
Well taken care of by
AMZI GODDEN SEED CO.
Established 1857.
Facilities for supplying everything in the line of CUT FLOWERS AND DESIGNS

BUFFALO
S. A. ANDERSON
440 MAIN STREET
Special Deliveries Niagara Falls and Lockport

Your orders for ATLANTIC CITY, N. J., will be carefully filled by
George H. Berke
1505 Pacific Ave.
Member Florists' Telegraph Delivery.

Write, Wire or Phone your orders to
YOUNG'S
1406 Olive St., ST. LOUIS, MO.
Regular discount allowed on all orders, either Plants or Cut Flowers.
Phones: Bell, Main 2306; Kinloch, Central 4981

SAN FRANCISCO
Podesta & Baldocchi
224 Grant Avenue
Prompt and careful attention to orders from out-of-town florists.

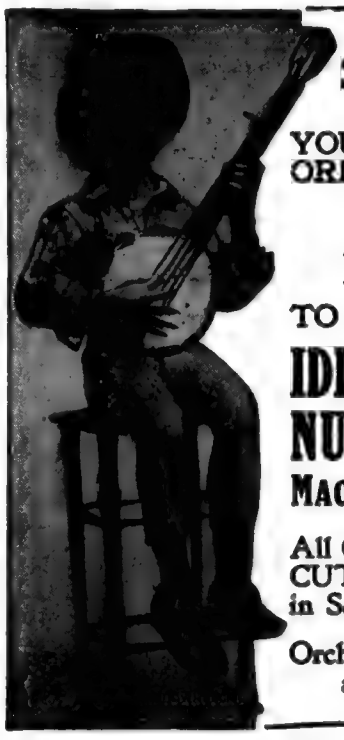
The Cleveland Cut Flower Co.
CLEVELAND, OHIO
Will fill your orders for Designs or Cut Flowers in Northern Ohio.

MARION FLORAL CO. **Marion, Ind.**
Central Northern Points. Store: 406 South Adams

MRS. J. B. FREEMAN, LEADING FLORIST, Successor to Geo. A. Heinl **Toledo, Ohio**
All Orders Promptly Executed.

PROVIDENCE, R. I.
and all New England Points
T. J. JOHNSTON & CO.
171 Weybosset Street, Providence

BEYER FLORAL CO. SOUTH BEND, IND.
Daily deliveries to Notre Dame University and St. Mary's Academy.



SEND
YOUR ORDERS FOR
DIXIE LAND
TO
IDLE HOUR NURSERIES
MACON, GEORGIA
All Choice CUT FLOWERS in Season
Orchids and Valley a specialty

A Card This Size
Costs Only 70c per Week on Yearly Order
It would keep your **name** and your facilities before the **whole** trade.
A half-inch card costs only 35c per week on yearly order.

from New York found Detroit a hospitable city and did not arrive here until late on Saturday. Everyone is enthusiastic over his reception and the success of the joint conventions. The only complaint made was against the weather and the consequent delays.

Joseph Manda, president of the New York Florists' Club, gave the usual dinner following election, to the other officers and heads of committees who serve during his administration, Saturday evening, January 6. About twenty were present and plans were perfected for a strenuous year.

The banquet season is on in earnest. The Tarrytown society celebrated its thirteenth anniversary January 17. January 18 was the date of the annual dinner of the North Westchester Horticultural and Agricultural Society at the New Castle Inn, Mt. Kisco. January 22 the Elberon Society will enjoy its annual banquet, and for Saturday evening, January 20, Charles Millang is managing what he calls a "Caldy-Waldy beefsteak dinner," at the Castle Cave, 271 Seventh avenue, that promises a record crowd and a unique exhibition.

The New York Florists' Club will celebrate its silver anniversary in February with the most elaborate banquet in its history.

J. K. Allen says he has made arrangements with his growers for a constant

We Guarantee Satisfaction
A. T. Bunyard FLORAL CO.
413 Madison Ave., Cor. 48th St., NEW YORK
Bellevue Avenue, Newport, R. I.

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand.
McKenna
MONTREAL

JOHN BREITMEYER'S SONS
Corner Broadway and Gratiot Ave.,
DETROIT, MICH.

FRED EHRET
WHOLESALE AND RETAIL FLORIST
1407 Fairmount Ave. and 702 N. Broad St.,
PHILADELPHIA
Orders for Philadelphia and surrounding country carefully filled on short notice.

MYER L. D. Phone 5297 Plaza
609-11 Madison Ave., New York

VASSAR COLLEGE
The Saltford Flower Shop, Poughkeepsie, N. Y.

WELLESLEY COLLEGE
Dana Hall, Walnut Hill, Rockridge Hall Schools
TAILBY, Wellesley, Mass.
Long Distance Tel., Wellesley 44-1, 44-2, 44 3.

TEXAS Dallas Floral Co.
DALLAS, TEX.
H. F. GREVE, Prop.

Rosemont Gardens
W. B. Paterson, Prop. 116 Dexter Ave., MONTGOMERY, ALA.

HESS & SWOBODA, FLORISTS
Telephones 1501 and L 1582
1415 Farnum Street OMAHA, NEB.

U. J. VIRGIN
838 Canal St. NEW ORLEANS, LA.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

DARDS, N. E. Cor. 44th Street and Madison Avenue, Telephones 4025-4026, 38th Street, NEW YORK

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union — Member Florists' Telegraph Delivery. — Established 1874

WILSON DELIVERS EVERYWHERE
New York New Jersey Long Island
BROOKLYN
8 AND 5 GREENE AVENUE
Tel. No. 6800 Prospect

The Livingston Seed Co.
FLORISTS
COVER ALL OHIO POINTS
114 N. High Street, COLUMBUS, OHIO

PORTLAND, ORE. Clarke Bros. FLORISTS OAKLAND, CAL.

KALAMAZOO, MICH.
G. Van Bochove & Bro., The Leading Florists

LA CROSSE FLORAL CO. La Crosse, Wis.
will properly execute orders in Wisconsin or the northwest.

LINCOLN, NEB. CHAPIN BROS. Retail Florists
Flowers for All Occasions, from Cradle to Grave

E. O. LOVELL GRAND FORKS
Will give prompt attention to all orders for delivery in North Dakota

A. C. BROWN, SPRINGFIELD, ILLINOIS
LARGE GREENHOUSES

Boehringer Bros.
325 Park Avenue, BAY CITY, MICH.

TERRE HAUTE, IND.
JOHN G. HEINL & SON 129 South 7th Street

Mrs. M. E. Hollcraft
807 Kansas Ave., TOPEKA, KAN.

MICHIGAN Orders will be carefully cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS

Minneapolis Floral Co., WHOLESALE and RETAIL FLORISTS
MINNEAPOLIS, MINN.
Funeral designs on short notice. One of the largest establishments west of Chicago.

Send Orders for Washington, D.C. and vicinity to Blackistone
Everything First-Class
14th and H Streets

A Card This Size
Costs Only 70c per Week on Yearly Order
It would keep your name and your facilities before the whole trade.
A half-inch card costs only 35c per week on yearly order.

Colorado Springs, Colo.
Orders Carefully Executed
PIKES PEAK FLORAL CO.
Wholesale and Retail

H. W. FIELD, The College Florist
NORTHAMPTON, MASS.
Home of Smith College
Send your orders to him for prompt and careful attention.

DALLAS, TEXAS
The Texas Seed & Floral Company
Orders for cut flowers and designs solicited for delivery in any part of Texas.

Pittsburg, Kan.—Bartlesville, Ok.
THE STEINHAUSER FLORIST & NURSERY CO. (Inc.)
Growers and Shippers—Wholesale and Retail
Out-of-town orders given special and personal attention. Give us a trial.

South and Southwest Texas and sailing from Galveston.
H. H. KUHLMANN, Florist
3507 Jackson St., S. W. Phone, Hadley 1926-2280
3526 Washington St., Opp. Glenwood Cemetery, S. W. Phone, Taylor 628-1061.
Up town, 913 Main St., S.W. Phone, Preston 7141.
HOUSTON, TEXAS

TRILLOW FLORIST Des Moines, Iowa
Will promptly execute all orders in this vicinity.

Aurora, Ill. Jos. M. Smely
and vicinity Phones 147

Richmond, Ind.
FRED H. LEMON & CO.
Florists and Decorators. Send us your orders.

W. P. McFARLAND L. C. McFARLAND
McFARLANDS, Florists
AKRON, OHIO

supply of cattleyas throughout the season.

Badgley, Riedel & Meyer called my attention to freesia of remarkable stem and flower, and a nice lot of baby primrose.

Woodrow & Marketos say business is quite above their expectations, but the enormous wrapping of plants for shipment in safety has "got on their nerves." It certainly has been a problem for ten days to move a plant a city block in safety.

P. J. Smith has received his average daily supply of lilies all through the zero temperature.

It is like a trip to a "land of sunshine" to drop into William Kessler's conservatory. With zero outside, blooming plants of all kinds are here, with some specially fine lilac and Firefly azaleas last week.

Henry M. Robinson & Co., of Boston, have felt the call of the metropolis and have opened a branch store at 46 West Twenty-sixth street.

The sympathy of the trade goes out to J. J. Coan in the loss of his mother.

A. L. Rickards is out of the city on his usual winter visit to the gardening fraternity and the firm reports large bookings of spring orders. This seems to be the report of all the seedsmen.

Ralph M. Ward & Co. are now installed in their new offices at 71 Murray street, where ample room and facilities are provided for their rapidly increasing business.

M. C. Ford says Henry Hession, the well-known Flatbush grower, is having exceptional success with carnations this season.

E. P. Bryan and A. W. Bryan, of Bound Brook, N. J., have purchased the Wadley interests in the nursery there, changing the name to the Bound Brook Nurseries and adding a tract of eighty acres to the original enterprise. Bryan Bros. will continue their retail store in Plainfield, N. J.

An interview with T. B. De Forest, New York office manager for the Lord & Burnham Co., developed a strong faith

LEADING RETAIL FLORISTS

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Alexander McConnell

611 Fifth Avenue, Windsor Arcade — NEW YORK CITY

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Calls: 340 and 341 38th Street — Cable Address: ALEXCONNELL — Western Union Code

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, Pittsburg, Pa.

Largest Floral Establishment in America

Established 1874--Incorporated 1909

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

Winona and Rochester, Minn.

For prompt and particular attention send your orders for Southwestern Wisconsin and Southern Minnesota to

John Fuhlbruegge

Grower and Retailer

ST. PAUL, MINN.

The Largest Store in America.

Members Florists' Telegraph Delivery.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

PASADENA, CAL.

13 East Colorado St.

The Orchid

Also all Los Angeles orders promptly filled.

MRS. LORD'S FLOWER ROOM

112 W. 8th Ave., TOPEKA, KAN.

STATE NURSERY CO.

CUT FLOWERS

155,000 sq. ft. of glass at your service. HELENA, MONTANA

Freeport Floral Co.

Telegraphic orders promptly attended to. FREEPORT, ILL.

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order.

11 North Pearl St., - ALBANY, N. Y.

Wm. L. Rock Flower Co.

Rock's Flowers Kansas City

KANSAS CITY, MO.

1116 Walnut Street

Members Florists' Telegraph Delivery

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Max Schling

NEW YORK

No. 22 West 59th Street

Adjoining Plaza Hotel

A Card This Size

Costs Only 70c per Week on Yearly Order

It would keep your name and your facilities before the whole trade.

A half-inch card costs only 35c per week on yearly order.

in the prospects for the coming year, with a lively building interest among the large growers.

The marriage of Herman Berkowitz, of the Young & Nugent forces, and Beatrice Wagner, Sunday evening, January 14, at Hennington hall, was a most interesting event and was attended by several hundred of the relatives and friends of the happy couple, including quite a number of florists, J. B. Nugent and Mrs. Nugent having the seats of honor. J. Austin Shaw.

Schedules in the assignment of the Smart Set Floral Co., 2297 Broadway, show liabilities of $3,934, with nominal assets of $1,507 and actual assets of $1,140.

Among the week's visitors have been J. A. Valentine, of Denver, and W. N. Rudd, of Morgan Park, Ill., in conference with C. H. Totty on National Flower Show matters.

A. Moltz & Co. made an assignment January 12, to Edward P. Sobel, their attorney. Mr. Sobel states that "the reason for the assignment is the illness of Abraham Moltz, one of the firm, and it is the hope that the business will be resumed at an early date." The deed of assignment was signed by Maurice L. Glass, a brother-in-law of Mr. Moltz, who became a partner July 1, 1910. Mr. Moltz had been in business about sixteen years.

A flying piece of cast iron from an exploding kitchen stove struck Andrew Kurz, a florist, living at 271 Avenue A, Manhattan, in the face, and cut him seriously. The accident happened at 49 Stanhope street, Brooklyn, where Mr.

HUGO H. JAHN

710 Nostrand Avenue,

Tel. No. 1952 Bedford BROOKLYN, N. Y.

Will deliver to Steamships, Theaters, anywhere within 20 miles of New York.

ARTISTIC WORK. PERSONAL ATTENTION.

Special care of your telegraph orders.

W. J. Palmer & Son

304 Main St., BUFFALO, N. Y.

Members Florists' Telegraph Ass'n

Orders by wire receive prompt and careful execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

ST. LOUIS, MO.

Flowers Delivered in City or State on Short Notice

F. H. WEBER

BOYLE AND MARYLAND AVENUES

Both Long Distance Phones

M. A. Bowe

IN HEART OF NEW YORK CITY

12 W. 32d Street, N. Y.

Opposite the Waldorf-Astoria.

Phone Madison Sq. 6404. Our Motto—The Golden Rule

George G. McClunie, Florist

187 Main St., HARTFORD, CONN.

Orders solicited for Connecticut and nearby points.

Tel. Charter 5591-2. Floral Designs a Specialty.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

CHICAGO

Send Your Orders to..

William J. SMYTH

Member Florists' Telegraph Delivery Association. Michigan Ave., at 31st St.

Established 1857.

Wittbold FLORIST

737-739 Buckingham Place

L. D. Phone 1112 Graceland CHICAGO

Send us your retail orders. We have the best facilities in the city.

Write, Wire or Phone

JOHN WALKER

11 S. PHELPS STREET

Youngstown, O.

Careful attention given to out-of-town orders. Trade discount allowed.

DENVER, COLO.

FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice.

Daniels & Fisher.

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver."

YOUNG & NUGENT

NEW YORK : 42 W. 28th St.

In the theater district. Exceptional facilities for delivering flowers on outgoing steamers. Your orders will receive prompt and careful attention. Wire, telephone or write us.

We are Prepared to Fill Orders for any Section of South Jersey at any time.

EDWARDS FLORAL HALL CO.

1700 Pacific Avenue,

Nurseries: Mediterranean and South Carolina Aves. ATLANTIC CITY, N. J.

Baker Bros. Co. **Ft. Worth, Tex.**

Send Orders for the Southwest

Best Railroad Center in the State.

MOBILE, ALABAMA

The Minge Floral Co.

C. L. VAN METER, Florist **MONTICELLO, IA.**

Orders solicited to be delivered anywhere. Specialist in Cut Flowers and Designs

PEKIN ═══ PEORIA

All orders receive personal attention.

GEO. A. KUHL, Pekin, Ill.

WE STRIVE TO PLEASE

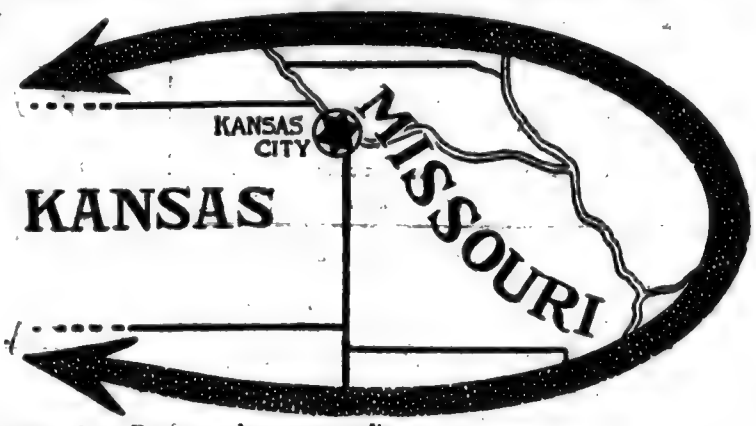
ALPHA FLORAL Co.

1105 WALNUT-PHONES 1806

Kansas City, Missouri

The largest Florists in the Central West

A. ELBERFIELD, Proprietor



Mention The Review when you write.

Kurz formerly lived. He returned to his former apartments and started a fire in the kitchen range. The water pipes were frozen and the heat caused an explosion. An ambulance surgeon from the German hospital sewed up the wound.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Hesperian	St. John	Liverpool	Jan. 19
Columbia	New York	Glasgow	Jan. 20
Dominion	Portland	Liverpool	Jan. 20
Trent	New York	Cuba	Jan. 20
Tagus	New York	Bermuda	Jan. 20
Berlin	New York	Genoa	Jan. 20
Franconia	New York	Egypt	Jan. 20
Megantic	Boston	Liverpool	Jan. 23
Washington	New York	Bremen	Jan. 23
Pretoria	New York	Hamburg	Jan. 23
Mongolia	San Fr'sco	Hongkong	Jan. 23
Royal Edward	Halifax	Bristol	Jan. 24
Zealandia	Vancouver	Hawaii	Jan. 24
Cedric	New York	Egypt	Jan. 24
La Lorraine	New York	Havre	Jan. 25
Tunisian	St. John	Liverpool	Jan. 26
Carmania	New York	Liverpool	Jan. 27
California	New York	Glasgow	Jan. 27
Merion	Philadelphia	Liverpool	Jan. 27
Ascania	Portland	London	Jan. 27
Kamakura	Seattle	Yokohama	Jan. 27
Tagus	New York	Bermuda	Jan. 27
Cincinnati	New York	Genoa	Jan. 27
Nippon Maru	San Fr'sco	Hongkong	Jan. 30
Celtic	New York	Liverpool	Feb. 1
Caledonia	New York	Glasgow	Feb. 3
Tagus	New York	Cuba	Feb. 3
Canopic	New York	Egypt	Feb. 3
Laconia	New York	Egypt	Feb. 3
P. Irene	New York	Genoa	Feb. 3
Friedrich Wm	New York	Bremen	Feb. 6
Tenyo Maru	San Fr'sco	Hongkong	Feb. 6
Lusitania	New York	Liverpool	Feb. 7
Royal George	Halifax	Bristol	Feb. 7
Monteagle	Vancouver	China	Feb. 7
Cameronia	New York	Glasgow	Feb. 10
Pannonia	Boston	Liverpool	Feb. 13
Persia	San Fr'sco	Hongkong	Feb. 13
Tamba Maru	Seattle	Hongkong	Feb. 13
Campania	New York	Liverpool	Feb. 14
Columbia	New York	Glasgow	Feb. 17
Haverford	Philadelphia	Liverpool	Feb. 17
Ausonia	Portland	London	Feb. 17
K. Albert	New York	Genoa	Feb. 17
Korea	San Fr'sco	Hongkong	Feb. 20
Caronia	New York	Egypt	Feb. 20
Adriatic	New York	Egypt	Feb. 21
California	New York	Glasgow	Feb. 24
Ivernia	Boston	Liverpool	Feb. 27
Sanuki Maru	Seattle	Hongkong	Feb. 27
Lusitania	New York	Liverpool	Feb. 28
Shinyo Maru	San Fr'sco	Hongkong	Feb. 28

Geneva, N. Y.—Troutman Bros. have built up a nice business in three years and have room for expansion.

BOSTON, MASS.

Penn The Florist

"Penn, The Telegraph Florist"

Members of Florists' Telegraph Delivery Association.

37-43 BROMFIELD STREET

GEO. M. KELLOGG FLOWER & PLANT CO.

Wholesale and Retail Florists

1122 Grand Avenue, KANSAS CITY, MO.

All Kinds of CUT FLOWERS

in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

H. F. A. LANGE

Worcester, Mass.

Delivers to all points in New England. 125,000 square feet of glass.

Send orders for delivery in **ROCHESTER, N.Y.**

and all points in Western New York to

H. E. WILSON, 88 East Main Street

Battle Creek, Mich. S. W. COGGAN, Leading Florist

11 West Main St. All cut flowers in season. Funeral designs or potted plants. Careful attention and prompt delivery guaranteed to any part of Michigan.

CAPITAL CITY GREENHOUSE CO.

MADISON, WIS.

Order of us. Best shipping service for Wisconsin

SIOUX CITY, IOWA Supplies western Iowa, southern Minnesota, all of South Dakota, northeastern Nebraska.

J. C. RENNISON CO.

BALTIMORE, MD. And All Southern Points.

PIERCE & CO. 509 N. Charles Street BALTIMORE, MD.

LEADING-RETAIL FLORISTS

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Brockman's Flo. Shop
FORT WORTH, TEX.
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State Nursery Co.
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Kuhlmann, H. H.
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Benson, Lester F.
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Fisher Co., H. A.
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PASSAIC, N. J.
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PATERSON, N. J.
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Kuhl, Geo. A.
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Fox, Chas. Henry
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Clarke Bros.
Tonseth Floral Co.
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Saltford Flower Shop
PROVIDENCE, R. I.
Johnston & Co., T. J.
RACINE, WIS.
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Lemon & Co., F. H.
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Fuhlbruegge, John.
ROCHESTER, N. Y.
Fry, E. R.
Wilson, H. E.
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Blackistone, Z. D.
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20x 4 x3	2.15
18x 5 x3	2.15
21x 5 x3	2.50
24x 5 x3½	3.00
30x 5 x3½	3.30
36x 5½x3½	4.50
21x 7 x3½	3.25
24x 8 x	3.85
28x 8 x4	4.35
28x 8 x5	5.00
36x 8 x5, Telescope.	7.00
30x10 x5 "	7.50
36x10 x5 "	9.00
40x 8 x5 "	9.00
42x 8 x5 "	11.00
42x10 x5 "	13.00
48x10 x5 "	15.00

White Glaze, Green Glaze, Pink Glaze	Per 100
16x 4 x3	$ 2.65
20x 4 x3	3.00
18x 5 x3	3 00
21x 5 x3	3 50
24x 5 x3½	3.75
30x 5 x3½	4.50
36x 5½x3½	5.65
18x 6 x3½	3.65
21x 7 x3½	4.00
21x 8 x4	4.65
24x 8 x4	5.25
28x 8 x4	6.00
28x 8 x5	6.50
36x 8 x5, Telescope.	9.00
36x10 x5 "	11.00
40x 8 x5 "	11.00
42x 8 x5 "	13.25
42x10 x5 "	15.00
48x10 x5 "	18.00

Spray, Design and Miscellaneous Palm Green	Per 100
18x 6x3½	$ 2.75
15x 6x5	3.50
21x 8x4	3.50
24x 8x5	4.00
23x12x5, Telescope	7.50
12x12x8 "	9.00
30x12x6 "	10.00
16x16x8 "	10.00
20x20x8 "	13.00
24x24x8 "	15.00
28x22x8 "	16 00
28x28x8 "	19.00
32x32x8 "	25.00
20x12x8 "	10.00
24x14x8 "	12.50
30x14x8 "	14.50
32x17x8 "	16.00
36x14x8 "	16.00
40x14x8 "	17.50
36x17x8 "	18.50
42x17x8 "	20.00

Spray, Design and Miscellaneous Mist Gray	Per 100
28x 6x 4	$ 3.50
24x 8x 5	4.00
30x 9x 4, Telescope	6.50
20x12x 8 "	10.00
24x14x 8 "	13.00
30x14x 8 "	15.00
48x 8x 5 "	12.50
30x12x 6 "	10.50
12x12x 8 "	9.50
14x14x 8 "	10.00
16x16x 8 "	10.50
20x20x 8 "	13.50
24x24x 8 "	15.50
24x24x10 "	20.00

Violet Boxes. White and Violet Glaze.	Per 100
7x4x4	$2.50
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12x8x5½	6.00
Plain Violet	
7x4x4	1.75
10x6x5½	2.50
11x8x5½	3.50
Mist Gray	
7x4x4	2.50
8x5x5	2.75
10x6x5½	3.00
12x8x5½	3.50
Palm Green	
12x8x5½	3.50

All our Flower Boxes are made from Moisture-Proof Board.

No printing charges on lots of 300 or over. Special discounts allowed on quantity orders. Complete samples sent on application.

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WASHINGTON.

The Market.

The near-zero weather of the last week has acted as a two-edged sword in the florists' trade of Washington. It has prevented an oversupply of stock and has kept prices up, but, on the other hand, it has checked trade to some extent; ice and snow interfere with deliveries, and the cold has caused considerable loss of stock in transit, and even in local stores and greenhouses. As a rule local dealers would prefer medium cold weather with moderate prices.

The social season is now in full swing here and there is much decorating going on. Good stock is demanded for these functions. Many orchids are being used. Roses are rather scarce and bringing good prices. Killarneys are among the best. These and valley and lilies are moving well. Carnations are more plentiful.

Various Notes.

The annual meeting of the stockholders of the Washington Florists' Exchange was held January 9. Some twenty were present. Regular routine business was transacted, including the reading of the officers' annual reports. W. Marche was elected president of the organization for the year 1912, succeeding G. Milton Thomas. The other officers were reëlected as follows: Vice-president, Theodore Diedrich; secretary, Adolph Bowdler; treasurer, John Robertson. Albert Schnell continues as manager. He has practically recovered from the attack of blood poisoning from which he suffered, following a rose thorn prick several weeks ago. His arm is now out of the sling and in usable condition. Mr. Schnell reports receiving a shipment of 2,000 carnations, the flowers being frozen into a solid mass of ice. A lot of callas also received by this firm was badly frozen.

Z. D. Blackistone's small downtown greenhouse, back of his store, was put out of commission by the cold the other night. The fire failed and a quantity of decorative plants was frozen. The loss did not interfere with Blackistone's job on the President's dinner to the diplomatic corps January 15, when 500 orchids were used.

It is understood that the business of the Pennock-Meehan Co., at its Washington branch, last year was nearly double that of 1910. C. H. H.



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Patent applied for.

A time-saver to the extent of lessening over 50% of the labor, together with the grace in which the leaves and flowers can be set by the firm hold the Stemmer has upon them, **making them an article of perfection.** They are now being used by leading designers.

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No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x26	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x20	6.25 per 100
No. 11	8¾x5x30	8.25 per 100
No. 12	6x12x39 (telescope)	10.00 per 100
No. 13	5x10x30	5.50 per 100
No. 14	6x16x39	10.00 per 100

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Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Leonard H. Vaughan, Chicago; First VicePres., M. H. Duryea, New York City; Sec'y and Treas., C. E. Kendel, Cleveland, O.

THE government has begun the 1912 free seeds distribution.

THE Thorburn catalogue for 1912 is the one hundred tenth annual edition.

WM. M. REID, formerly with Currie Bros. Co., Milwaukee, is on the road for W. W. Barnard Co., Chicago.

VISITED CHICAGO: Ralph M. Ward, of Ralph M. Ward & Co., and C. W. Scott, of Yokohama Nursery Co., New York.

G. TEGELAAR, traveler for C. J. Speelman & Sons, Sassenheim, Holland, is to wed Miss Carrie Pearce, daughter of Sam Pearce, his largest customer at Chicago.

PETTY BROS. SEED CO., Liberty, Mo., which formerly specialized on corn, has this season extended its operations to include a full line of field, vegetable and flower seeds.

THE country is full of Dutch bulb salesmen. They are going over the list of buyers with a fine-toothed comb and assert the orders booked are fully up to the best previous records.

W. ATLEE BURPEE & Co., Philadelphia, have issued a new edition of "Sweet Peas Up-to-date," by Geo. W. Kerr, with which is included a 20-page supplement containing a list of varieties introduced since the last edition, in 1910, and cultural details and selection of varieties for winter flowering under glass.

PEAS IN MONTANA.

A local paper at Bozeman, Mont., had this to say in its issue of January 9:

"The fourth of the eastern seed firms to enter the Gallatin valley for the purpose of cultivating garden peas for the seed, was introduced this morning through its representative, B. E. Brotherton, president of the Peninsular Seed Co., of Port Huron, Mich. Mr. Brotherton is a brother of the Mr. Brotherton of the Jerome B. Rice Seed Co., of Cambridge, N. Y., which will cultivate seed peas in the valley this summer, and whose representative, L. L. Brotherton, is a nephew of the representative of the Port Huron firm, who arrived last night in Bozeman.

"The Jerome B. Rice Co., Cambridge, N. Y.; N. B. Keeney & Son, of Leroy, N. Y.; the Clark Seed Co., of Milford, Conn., and finally the Peninsular Seed Co., of Port Huron, Mich., will all cultivate the peas in the valley this summer. As this year marks practically the start of this industry in the Gallatin valley, the propitious beginning seems to promise big things for the future.

"Mr. Brotherton stated that his company expects to place about 100 bushels of seed this year, intending to make a much larger seeding in the following year if the returns this year are good. This will require a tract of 300 or 400 acres. The representatives of some of the companies now in the field state that if returns are satisfactory they expect their companies intend to purchase at least a part of the land in the Gallatin in which their products are sown.

"Inquiries have been received recently by local parties that indicate at least a probability of another industry for Bozeman, that of green pea canning. Several eastern firms have written for information, and there is a possibility that two or three canneries will make a start sometime within

HERE SINCE 1879

Arkansas Valley Seed Company

D. H. BROWNE — LAKIN, KANSAS — C. H. BROWNE

Contract Growers of Muskmelon, Watermelon and Cucumber

We desire to announce to the trade that Mr. Wm. Logan is no longer connected with this company in any way. And that we are now booking contract orders for Muskmelon, Watermelon and Cucumber Seed.
Write today for contract price list, also our surplus list of Vine Seeds.

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IF IT IS
WATERMELON and MUSKMELON Seeds
GET THEM FROM
J. FRANK CORRY, CONTRACT GROWER
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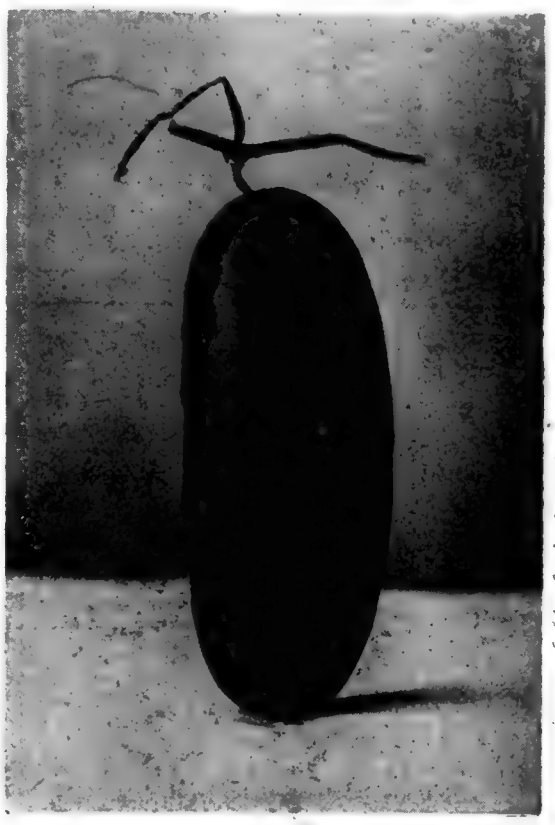
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Lettuce, Onion, Sweet Peas
Growers for the Wholesale Trade Only
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SPECIALTIES:
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Maine seed potatoes, onion sets, etc.
CORRERPONDENCE SOLICITED.
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J. C. Robinson Seed Co.
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Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar, Flint and Field Seed Corns.
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the next twelve months. The fact that the Gallatin valley marks about the northern extremity and the extremity in altitude for the growth of peas in the country makes the product of unusual sweetness, said to be surpassed or equaled only by the Colorado-grown pea."

THE CANNERS' OUTPUT.

What are said to be the official figures of the 1911 pack of vegetables, as made up by confidential reports to the National Canned Goods Association committee on statistics, is now in the hands of brokers and is public property, although the statistics, according to the general understanding, were to be made available only to the members of the association. The committee, it is understood, took all precautions to confine the publication of its findings to its own members, but it would seem that there has been a leak somewhere. It can be said on reliable authority that the statistical committee of the National Canned Goods Association from the reports submitted to them by

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Wholesale Growers of
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and other California Specialties
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Contracting growers of **Peas, Beans** and famous **Sweet Corn.** Introducers of the **White Mexican Sweet Corn.**

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Contract Seed Growers
Bean, Cucumber, Tomato, Radish, Pea, Squash, Muskmelon, Watermelon, Sweet Corn.
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ONION SEED — ONION SETS
We are extensive growers and dealers. Write for prices on the 1911 crop. We are also submitting contract figures for the 1912 crop of Onion Seed.
SCHILDER BROS., CHILLICOTHE OHIO

The C. Herbert Coy Seed Co.
VALLEY, Douglas County, NEB.
Wholesale Growers of High Grade Seeds.
Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

HJALMAR HARTMANN & CO.
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SURPLUS STOCK

of Seeds, Crop 1911

Turnips—
Dale's Hybrid
Grey Stone
Danish Yellow Tankard
Fynsk Bortfelder

Rutabaga—
Pjabjerg Bangholm
Shepherd Golden Globe

Mangel Wurzel—
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German Stock Seeds
A GRAND SPECIALTY
Price list on application
PAUL TEICHER, Striegau, Germany
Oldest Special House
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packers found the 1911 output of tomatoes to be 8,499,000 cases, or about 468,000 cases more than last year, but some twenty-six per cent less than in 1908 and 1909. The corn pack of the country in 1911, according to the reported association figures, was the largest in the history of the trade, aggregating 14,301,000 cases. The pea pack of 1911 was about up to the average of the two preceding years, but the outlook is for a smaller pack this coming year, owing to the scarcity of seed. The 1911 output, according to what is given as the official figures put out by the national association, was 4,372,000 cases, or about twenty-five per cent less than the average for the two years preceding 1910.—Journal of Commerce.

CATALOGUES RECEIVED.

The Conard & Jones Co., West Grove, Pa., catalogue of roses; E. W. Townsend, Salisbury, Md., strawberry plants; Wood, Stubbs & Co., Louisville, Ky., "Blue Ribbon Seeds"; Storrs & Harrison Co., Painesville, O., seed and nursery catalogues; J. Bolgiano & Son, Baltimore, Md., seeds and supplies; J. M. Thorburn & Co., New York, N. Y., wholesale and general catalogues; H. G. Hastings & Co., Atlanta, Ga., seeds and bulbs; E. H. Hunt, Chicago, Ill., florists' supplies; Weeber & Don, New York, N. Y., seeds and supplies; W. Atlee Burpee & Co., Philadelphia, Pa., wholesale list for market gardeners and florists; H. Cannell & Sons, Swanley, England, "Seed Guide

DO NOT FORGET

to look at this **SPECIAL OFFER** of 20,000 dwarf roses, 10,000 Climbing and 2000 Standard roses, strong heads, stems 3½-4 ft. high, in the following well-known varieties:

Car. Testout, Jules Groles, La France, Magna Charta, Marie Dermar, C. F. Meyer, Perle des Blanches, Jules Margottin, Katharine Zeimet, Richmond, Edu. Meyer, Am. Beauty, Killarney, Bernard Paul, Charles Wood, Druschki, Paul Neyron, Brunner, Teplitz, J. B. Clark, Ravary, Cutbush, Baby Rambler, Gen. MacArthur, Folkestone, Leon Pain, Mme. Taft, Phyllis, etc.

CLIMBING VARIETIES: American Pillar, Flower of Fairfield, Climb. Testout, Climb. La France, Dorothy, Hiawatha, Lady Gay, Tausendschon, T. Crimson Rambler, White Dorothy, etc.

Dwarf roses, **purchaser's** selection	per 1000,	**$45.00**
Dwarf roses, **our** selection	per 1000,	**40.00**
Climbing roses, **purchaser's** selection	per 1000,	**50.00**
Climbing roses, **our** selection	per 1000,	**45.00**
Standard roses, **purchaser's** selection	per 100,	**18.00**
Standard roses, **our** selection	per 100,	**17.00**

Offer subject to being unsold. Cash with order or **trade references** will be highly esteemed by

A. KOLOOS & CO., Nurserymen, BOSKOOP, HOLLAND
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(Established in 1787)
Grower and Exporter on the very largest scale of all
CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

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All seeds offered are grown under my personal supervision on **my own vast grounds,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

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THOMSON'S Vine Plant and Vegetable MANURE

Unrivaled for vines, tomatoes, cucumbers, all flowering, foliage and fruit bearing plants; vegetables, lawns, etc. Has stood the test of 30 years. The result of many years of practical experience.

Sold by Leading American Seedsmen.

Also Thomson's Special Chrysanthemum and Topdressing Manure. An Excellent Stimulant.

Freight paid on quantities; liberal terms to retailers. Write for our special offer to the American trade, agents' circulars, pamphlets, etc., to sole makers.

Also Exporters of **Pure Scotch Soot** Write for prices, etc.

Wm. Thomson & Sons, Ltd., Tweed Vineyards, Clovenfords, Scotland

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High-grade Hyacinths, Tulips, Narcissus, Crocus, etc. Write for Catalogue.
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(Crested Dogstail)
Purity and germination guaranteed.
WM. POWER & CO.
Seed Exporters
Waterford, Ireland.
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of all kinds apply to
W. W. JOHNSON & SON, Ltd.
BOSTON, ENGLAND

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P. O. Box 1250
26 Barclay Street, NEW YORK
Importer of
Azaleas, Palms, Bay Trees
and all other Belgian Plants, Lily of the Valley of the finest Berlin and Hamburg Brands.
Japanese, Holland and French Bulbs
FRENCH and ENGLISH
FRUIT and ORNAMENTAL STOCKS

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If you take interest in Cabbage, Cauliflower, Carrot, Mangel, Swede and Turnip, of selected strains (state controlled), please apply to
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We are carrying the largest stock of Fancy Leaved Caladiums in the world in an assortment of varieties which, besides the choice standard sorts, includes many new and rare varieties not generally offered.

Bulbs started at any time before the middle of April will make splendid plants in 3½ or 4-inch pots, which will prove useful for porch and window boxes in shaded or semi-shaded positions and which always meet with ready sale, while for the decoration of the Florist's store window during the summer months no more useful subject can be grown.



We offer special selections according to variety as follows:

Choice Standard Varieties, $1.75 per doz.; $12.00 per 100; $100.00 per 1000.

Choice Rare and New Varieties, $2.25 per doz.; $15.00 per 100; $140.00 per 1000.
Choice Mixed Varieties, $1.50 per doz.; $10.00 per 100.
Rare New Varieties, the most recent introductions, $3.50 per doz.; $25.00 per 100.
The above prices are for the trade only.

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Asparagus Plumosus Nanus
Wisconsin Greenhouse Grown Seed
Not to be compared with the inferior California and Florida outdoor grown seed.
1000 seeds, $4.00; 5000, $18.75; 10,000, $35.00
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Unrivaled for size of flower, purity of color and highest development. They represent the best specialists have so far produced. Seeds and plants.
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SURPLUS OF
L. Multiflorums 7-9
Write for prices.
The Yokohama Nursery Co., Ltd.
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Cold Storage Valley
W. & D.'s Extra Selected Berlin Pips, $3.50 per box of 500 pips. W. & D.'s Sure Crop English Mushroom Spawn—new crop, just received, $8.00 per 100 lbs. Cash with order or satisfactory references.
Weeber & Don, Seed Merchants and Growers **New York City**
114 Chambers Street
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Let Ayres' Superior Orchid-Flowering Sweet Peas
Follow Your Mums
The Fine Unsurpassed varieties
Asta Ohn Spencer, lavender, lb., $2.00. America Spencer, great novelty, red and white striped, lb., $4.00. Florence Morse Spencer, a beautiful light pink, lb., $2.50. Large White Spencer, the unrivaled white, lb., $2.50. Apple Blossom, pink shaded rose, lb., $1.75. Any of the above, oz., 35c. We also have all the winter flowering varieties. Write for our Sweet Pea Catalogue.
Ayres' Re-selected Grand Rapids Lettuce Seed
Is universally used by florists. Oz., 15c; lb., $1.25.
S. B. AYRES CO. Sunnyslope, Independence, Mo.
Florists—Nurserymen—Seedsmen
—10 miles east of Kansas City, Mo.—
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Asparagus Plumosus Nanus
New crop. Greenhouse grown.
50c per 100;
$4.00 per 1000.
A. HENDERSON & CO.
30 E. Randolph St., CHICAGO, ILL.
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Asparagus Plumosus Nanus
New Crop—Greenhouse-grown
100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $3.50; 10,000 seeds, $30.00.
Sprengeri, 25c per 250 seeds; 75c per 1000 seeds; $2.75 per 5000 seeds.
Our Flower Seed Catalogue free on application.
THE MOORE SEED CO., 135 Market St., Philadelphia
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According to the late season in California, 1912 **Winter Sweet Pea Crop** will be late. To avoid late delivery, I will send all early orders directly from my ranch in **Lompoc, Cal.** These will reach my farthest customers not later than August 10th, saving over 4 weeks' time. We will have all the leading colors and many novelties. **Order now.** New complete list will be ready in May.

Now is the time to sow **Late Sweet Peas.** We have on hand the best Spencer and Unwin types, and almost all other florists' flower seeds, like Asters, Stocks, Mignonette, etc.

Send for list.

Ant. C. Zvolanek
Bound Brook, N. J.

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GLADIOLI

Try GOLDEN QUEEN and PRESIDENT TAFT for forcing.

One customer writes under date of May 25th: —

"The Golden Queen that I ordered from you were planted in a carnation house on February 7th, and we are now getting fine spikes and handsome flowers. I find your variety to be one week earlier than Mrs. Francis King, ten days earlier than Augusta and two weeks ahead of America. They have been perfectly satisfactory in every way."

I have also a fine stock of Mrs. King, Klondyke, Taconic, Independence, Brenchleyensis, Geo. Paul and other kinds. Write for trade list.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

for 1912''; Spruijt & Co., Utrecht, Holland, general seed list; Henry F. Michell Co., Philadelphia, Pa., general and wholesale catalogues; Joseph Breck & Sons, Boston, Mass., seeds and supplies; Henry Lake Sons Co., Black River Falls, Wis., nursery stock.

Calendars Received.

Lord & Burnham Co., New York, N. Y.

LILY BULB EXPORTS.

The exports of lily bulbs from Yokohama, Japan, from December 14 to December 28, 1911, amounted to 1,167 cases, the consignors as follows:

TANOI SHOTEN	514
To London	130
To Amsterdam	201
To Haemich	132
To Hamburg	51
L. BOEHMER & CO.	186
To Marseilles	19
To Havre	12
To Bombay	19
To Copenhagen	28
To London	19
To Hamburg	5
To Rotterdam	84
ARAI SHOTEN	116
To New York	116
SOYEDA SHOTEN	143
To London	34
To Rotterdam	109
YOKOHAMA NURSERY CO.	208
To London	178
To Marseilles	24
To Honolulu	5
To Bombay	1

KOERNER'S NOVELTIES.

H. W. Koerner, of Milwaukee, has raised a number of new things in gladioli and dahlias.

His Gladiolus Early Bird is said to be one of the first in the market, two weeks ahead of America; it ripens early and is ready for forcing December 1. It is said to be one of the best shippers, with a thin, straight stem with ten to twelve flowers open at one time, a pleasing shade of fiery pink and Mr. Koerner says it is an extra good multiplier.

Dahlia Crimson Beauty is described as an extra good crimson cut flower variety. It is of decorative type, with long, thin, wiry stem, carrying its large flowers high above the foliage. Dahlia Golden Nugget is described as resembling a chrysanthemum; it has long, loose, wavy petals. It carries its flowers on long, thin, wiry stems, high above the foliage. The color is yellowish orange. Dahlia Snow Storm is pure white, the long-stemmed single blooms being unusually large. Dahlia Cream City is a single flowering variety of the Century type. It has a long, thin, wiry stem, carrying the flowers high above the foliage. The color is orange buff.

Your ad got us busy on Killarney; had to send back over $100.—Frey & Frey, Lincoln, Neb.

Lilies of the Valley

Bruns' Celebrated Chicago Market Brand

Finest in existence. $2.00 per 100; $16.00 per 1000.

Bruns' Early Forcing Valley

Florists' money-maker. $1.50 per 100; $14.00 per 1000.

H. N. BRUNS, 3038-40-42 W. Madison St., Chicago

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LILIUM GIGANTEUM (Dark Stem)

LILIUM ALBUM, AURATUM AND RUBRUM

All sizes and as fine as Japan produces. Write us.

S. S. Skidelsky & Co., 1215 Betz Bldg., Philadelphia, Pa.

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Salvia Seed, 1911 Crop

(Our own growing.)

Bonfire, ½ oz., 60c; 1 oz., $1.00. Zurich, ½ oz., $1.50; 1 oz., $2.50. Above seed is from selected stock. Cash, please.

J. P. SIEBOLD, Lancaster, Pa.

Salvia Seed

SPLENDENS..Tr. pkt., 15c; ⅛-oz., 25c; oz., $1.25

CLARA BEDMAN (Bonfire).....Tr. pkt., 25c; ⅛-oz., 40c; oz., $2.25.

ZURICH.....Tr. pkt., 35c; ⅛-oz., 50c; oz., $3.50

New Catalogue just out; write for a copy.

G. H. HUNKEL CO., Seedsmen, Milwaukee, Wis.

Mention The Review when you write.

BULBS

Far Below Cost

Ask for prices.

James Vick's Sons

ROCHESTER, N. Y.

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GLADIOLI,

LILIES, SUMMER FLOWERING BULBS AND HARDY PLANTS.

SEND FOR PRICE LIST.

E. S. MILLER, Wading River, N. Y.

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The Review sends Scott's Florists' Manual postpaid for $5.

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		Per 100	Per 1000
Lilium Longiflorum	7x 9	$4.50	$40.00
Lilium Longiflorum	9x10	8.00	75.00
Lilium Formosum	9x10	8.50	80.00
Lilium Auratum	8x 9	5.00	45.00
Lilium Auratum	9x10	8.00	75.00
Lilium Album	8x 9	7.50	70.00
Lilium Album	9x11	$11.00	$100.00
Lilium Rubrum and Melpomene	8x 9	4.50	40.00
Lilium Rubrum and Melpomene	9x11	8.00	75.00

LILY OF THE VALLEY

Pre-eminently the finest Lily of the Valley in the market today 15 00 per 1000; original case of 2500, $35.50.

CURRIE BROS. CO., 108 WISCONSIN ST., 312 BROADWAY, **MILWAUKEE, WIS.**

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PREMIUM AMERICAN PANSY SEED

Sow Pansy seed now for early spring plants. Greenhouse-grown Pansy plants are superior to those wintered over.

Hesperian Strain A selection of the most beautiful varieties, notable for their large siz and perfection of form and coloring. We offer this mixture after over thirty years' experience in pansy seed and plant growing for both the retail and wholesale trade, and recommend it for those having critical customers. **Pkt., 25c; 1000 seeds, 50c; ⅛ oz., $1.00; ¼ oz., $1.75; oz., $6.00.**

Toole's Giant Prize Strain This is a mixture made up from the best of the giant varieties, with the correct proportions of the different shades and colors for general sale. This mixture will surely please you. **Pkt., 15c; 1000 seeds, 30c; ⅛ oz., 70c; ¼ oz., $1.20; oz., $4.00.**

White, red, yellow and blue, colors separate. Prices same as for Toole's Giant Prize Strain.

"How to Grow Pansies," with price list of other varieties and mixtures, sent free on request.

WILLIAM TOOLE & SONS, Pansy Heights, **BARABOO, WIS.**

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Established in 1802

Thorburn's Seeds

Our New Wholesale Catalogue for Market Gardeners and Florists for 1912 will be ready early in January. Register your name for a copy **NOW.**

Lily of the Valley Pips

A few still left, very high grade. Prices on application.

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FOR 1912.

New Gladiolus Early Bird, a leading commercial variety.

New Dahlias, Crimson Beauty, Golden Nugget, Snow Storm and **Cream City,** all extra good commercial cut flower varieties.

Also a large assortment of standard varieties. Send for descriptive list.

Preference to catalogue houses.

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ALYSSUM SNOWDRIFT, most dwarf and compact, very fine, pkt. 20c.
ANTIRRHINUM, New Giant, white, rose and yellow. Separate or Mixed, pkt. 20c.
PETUNIA STAR, improved, finest marked flowers, very fine, pkt. 20c.
PETUNIA, Giant, single fringed, large and fine, very choicest mixed, pkt. 20c.
PETUNIA, Giant Double Fringed, very fine, trade pkt. 50c. Mixture of the best improved vars.
SALVIA, Bonfire, finest grown, brilliant scarlet and compact. Large pkt. 20c.
PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt. 20c.
CHINESE PRIMROSE, finest grown, single and double mixed, 600 seeds, $1.00; ½ pkt. 50c.; 1000 seeds, $1.50. Separate colors or mixed.
PRIMULA KEWENSIS, the grand new sweet-scented yellow Primrose, pkt. 20c.
CYCLAMEN GIGANTEUM, finest giants, mixed, 250 seeds, $1.00; ½ pkt. 50c.; 1000 seeds, $3.50.
GIANT PANSY, finest grown, critically selected, 6000 seeds, $1.00; ½ pkt. 50c.
COLEUS, New Hybrids, fine colors. Best New Giants, pkt. 20c. Very brilliant and showy.
HARDY PHLOX, from the newest named giant flowering; mixed, pkt., 20c.
LOBELIA, Blue Ball, dwarf, dark blue, finest of all Lobelias, pkt. 20c. Be sure to sow of this.
TORENIA FOURNIERI, New Giant, extra fine, pot plant, pkt. 20c. Showy.
CANDYTUFT, New Giant Hyacinth-flowered, a great cutter, pkt. 20c.
SWEET WILLIAM; new colors of large white-centered, fine, pkt. 20c. Newest giants.
COLUMBINE. New blue with yellow spurs, extra, pkt. 20c. Grand Novelty.
VERBENA, Improved Mammoth, finest giants grown, mixed or separate of purple, white, scarlet, pink, striped, white-eyed. Tr. pkt. 20c.
VINCA, large flowering—white, rose, pink eye or mixed; fine, 20c.
HELIOTROPE, finest mixed, pkt. 20c.
BROWALLIA, New Giant Blue, pkt. 20c.
CUPHEA. Giant Cigar, fine, pkt. 20c.
GAILLARDIA GRAND, New Giant, pkt. 20c.
COBAEA SCANDENS, extra fine vine, pkt. 20c.
THUNBERGIA, mixed (Black-eyed Susan), fine, 20c.
ORIENTAL POPPY COLOSSUS, 10 inches diameter, grand and gorgeous, pkt. 20c.
CASH. Liberal extra count.

JOHN F. RUPP, Shiremanstown, Pa.

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The HORTICULTURAL PRINTING CO.

BURNLEY, ENGLAND

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Sentiment in business has cost most men much money. It doesn't pay. There is about as much judgment in buying bulbs from every man who calls just because he is a nice fellow, as though you bought coal from every coal dealer for the same reason. It may be nice and pleasing to the mind, but does it pay? If you are satisfied to do it that way it's, of course, no one's business to interfere; but, assuming that you are in business to make money, and not alone to make friends, it does not pay to buy from every man who comes along. It complicates instead of simplifies deliveries; necessitates various unnecessary transactions; keeps a man on the lookout in so many directions it is a burden to him, and besides all this he pays dearly for it. Get in connection with a real good, first-class American house; let them know your manner of doing business, just what you want, when you want it, and when you want to pay for it, and you will find it easier sailing and more satisfactory all around.

You can send us a complete list of what you buy for quotations, and it may surprise you to know just what we can do on "whole orders." Send for a catalogue, at any rate.

RALPH M. WARD & CO.

12 West Broadway

NEW YORK

Not How Cheap But How Good

VALLEYS

Our **EARLY BRAND** of selected German Lily of the Valley forcing pips, now ready, in cases of 2500 pips, at

$15.00 - per 1000

Net 60 days or 3% off for a prompt check.

Address

AUGUST ROLKER & SONS, New York

P. O. Box 752, or 31 BARCLAY STREET

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SOW NOW!

Get Ready for Early Spring Sales

	6 Tr. Pkts.	Tr. Pkt.
BEGONIA Gracilis Luminosa, true stock, with large scarlet flowers	$2.50	$0.50
Erfordii, fine pink variety	2.50	.50
Bedding Queen, most beautiful pink Wax Begonia	2.50	.50
Vernon, fine red	1.25	.25
CYCLAMEN Persicum Splendens Giganteum, finest colors, assorted, 1000 seeds	5.00	.75

O. V. ZANGEN, Hoboken, N. J.

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Berlin Valley Pips

Surplus lots. All high-grade, Berlin type, A. B. S. Pips. Recent arrivals. Case lots only. Ask for list of lots and f. o. b. New York prices.

McHUTCHISON & CO.

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17 Murray St., NEW YORK

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STOCKS

Boston Flower Market has had wonderful success in separate colors.

1/8 oz., 60c; 1/4 oz., $1.00; oz., $4.00

BOSTON

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Bulbs for Spring

L. Giganteum, Cannas (all leading varieties), **Tuberoses, Gladioli.** Prices on application.

D. RUSCONI

126-128 W. 6th St., CINCINNATI, OHIO

Always mention the Florists' Review when writing advertisers.

VALLEY FOR EASTER.

At what time should lily of the valley be brought from the cellar and placed under glass, to have them in bloom for Easter? S. G. B.

If forced in a glass-covered frame, with good bottom-heat, three to four weeks will suffice. If to be grown in flats, pots or pans on the benches, allow them six weeks in an average night temperature of 55 degrees. If open a little early, the valley can easily be held back in a cool, shaded house. C. W.

Vegetable Forcing.

WHITE FLY ON LETTUCE.

I am growing lettuce and it is infested with white flies. They eat the lettuce in spots. What can I use to exterminate the flies without making the lettuce unfit for use? C. H. H.

Hydrocyanic acid gas is the only remedy for white fly. It will kill the pests without injury to lettuce, unless made entirely too strong.

For a 100-foot house, about twenty feet wide, three jars of diluted sulphuric acid are sufficient for the fumigating. Use half-gallon stone jars and put in each jar about a half pint of acid and the same quantity of water, about an hour before wanted. Into each of these jars of diluted acid drop a package (paper and all) containing two ounces of cyanide of potash, ninety-eight per cent granular. It is better to have it wrapped in double papers by the druggist from whom you procure it, as it is deadly poison; so, also, is the gas that arises as soon as the acid eats through the paper. In dropping the packages, start at the farther end of the house and work toward the entrance; then get out promptly and stay out until morning.

It will take a second dose, after the eggs hatch, to exterminate the white fly entirely. It is safe to go into the house in the morning and open the ventilators, although the gas can still be noticed. Wash the jars out with the hose after burying the refuse in the morning.

Some kinds of plants will not stand this kind of fumigating, but most of them will. The foliage must be perfectly dry when using the gas, as it settles in moisture and will burn the leaves if they are wet. H. G.

TOO COOL FOR CUCUMBERS.

I should like to get a little light on a subject with which I am not familiar. I have a bench of sweet peas, 4x200 feet, with a row on each side. I have lettuce planted in the center. I should like to plant this bed, as it is a solid bed, to cucumbers in the spring. Sweet peas generally give out in hot weather. The temperature is carnation temperature—about 50 degrees at night. Would this be all right? About how soon could I plant the cucumbers, and what varieties do best inside? Should they be started in the beds or in pots? There are four inches of soil, with cinders for drainage. C. A. M.

Cucumbers like a temperature of 68

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to 70 degrees at night, and as high as 85 degrees in the daytime. If you can not keep the house above 65 degrees, do not try to grow cukes. You will also find that few, if any, of the other plants you grow can be kept in the same house.

Buy only forcing varieties when you buy your seed. All seedsmen have good forcing strains. You could grow only one row of cucumbers in the bed. Put one plant in a place, two feet apart in the row.

Do not try to grow cukes until late in the spring, when you can keep the house warm enough, and it will pay you better, as they are a hard crop to grow profitably in winter. Start the plants in 4-inch pots. Plant the seed one month or five weeks before you want to bench the plants. H. G.

SLOW GROWTH OF CUCUMBERS.

We have a house of cucumbers and, as this is our first attempt at growing this crop, we should like a little advice. The plants are now about four inches high and appear to be in pretty good condition, but do not seem to be growing well. We were late in getting our heater in and the temperature dropped to 32 degrees several times a week or ten days after the seed was planted. There are some small, black-winged insects in the house; I presume they are aphis and they seem to be increasing. We sprayed the plants with Bordeaux mixture and also with a nicotine extract. Can we fight these insects by fumigating? Would fumigating have any bad effect on the cucumbers? We have a colony of bees in the house. Would it injure them? Will vaporizing sulphur or nicotine extracts injure the bees?

There are yellow marks or blotches on some of the leaves, and in the center of some of them is a small hole, like a pin hole, clear through. What causes this? G. & F.

Cucumbers require a warm temperature and that probably explains why yours are not growing well. A temperature of 68 to 70 degrees at night and 85 degrees in the daytime suits them best. Even experienced cucumber growers have considerable difficulty at this time of year and few care to try them for some weeks yet, as there are many critical points besides the temperature.

Light fumigating will not hurt the bees, unless strong enough to hurt the vines, but you do not need the bees inside for several weeks yet. Nicotine, used either for fumigating or for putting on the pipes, is excellent for aphis and thrips and will not hurt the cucumbers. Sulphur will keep down the mildew, but must be used sparingly. The yellow spots on the leaves are probably a fungous disease, but the Bordeaux mixture should have killed it off by this time.

If cucumbers do not do right from the start, it is sometimes useless to spend time and money coaxing them along, as they are not likely to pay well. If you find your crop stunted or injured seriously at any time, it may be well to throw the plants out and put in something else quickly. A failure with one crop need not mean that the season is lost, as the house can be replanted, or planted to radishes, which will be marketed in five weeks from the seed; then the house can be used for geraniums and bedding plants for spring. H. G.

Livingston's Famous Tomatoes

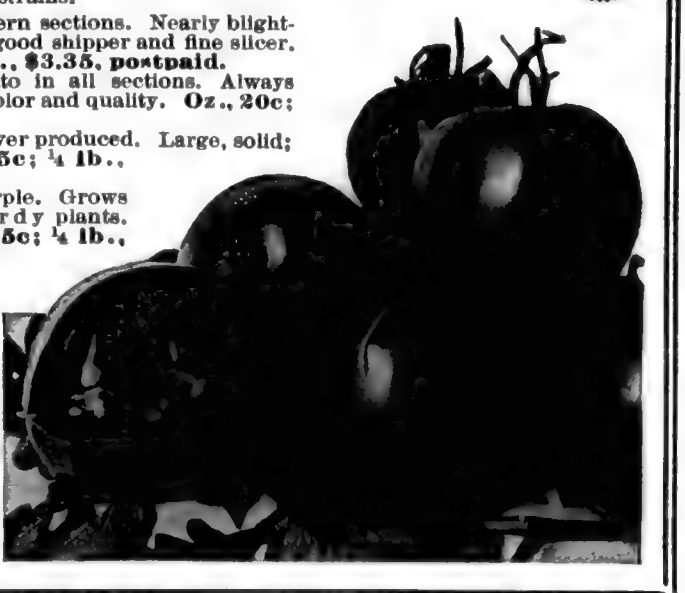
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PROPAGATING VINCAS.

Would it be practical to propagate vincas at this time of year from cuttings, and if so, which is the best method? J. W. I.

Vincas root readily at this season. Heel cuttings are best, preferably the short growths, a few inches long. More ripened growths, cut in pieces, will also root, but require more time. A bottom heat of 60 to 65 degrees, shade and plenty of water are needed. C. W.

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" Medium	3.00 @ 5.00
" Short	2.00 @ 2.50
	Per 100
The Killarneys, Fancy	$15.00 @ $20.00
" Select	8.00 @ 12.00
" Ordinary	4.00 @ 6.00
My Maryland, Bride—	
Fancy	12.00 @ 15.00
Select	8.00 @ 10.00
Ordinary	4.00 @ 6.00
Richmond, Fancy	15.00 @ 20.00
" Select	8.00 @ 12.00
" Ordinary	4.00 @ 6.00
Melody	4.00 @ 12.00
Carnations, Fancy	5.00 @ 6.00
" Select	3.00 @ 4.00
" Ordinary	2.00
Cattleyas....per doz., $5.00 @ $6.00	
Dendrobium, per doz., 5.00 @ 6.00	
Oncidiums	4.00 @ 10.00
Cypripediums	15.00
Gardenias...per doz., $1.00 @ $3.00	
Easter Lilies, per doz., 1.25 @ 1.50	
Callas.....per doz., 1.50 @ 2.00	
Valley	3.00 @ 4.00
Sweet Peas	.40 @ 1.00
Violets, single, select	.75
" " ordinary	.25 @ .50
" double, select	1.00
" " ordinary	.50 @ .75
Daisies	1.50 @ 2.00
Pansies	.75 @ 1.00
Lilacs.....per bunch, $1.00	
White Lilac....." 1.00	
Stevia	.75 @ 1.00
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
Mignonette	4.00 @ 6.00
Daffodils	4.00 @ 5.00
Snapdragon.....doz., $1.50 @ $2.50	
Freesias	4.00 @ 5.00
Tulips	3.00 @ 4.00

Buffalo, Jan. 17, 1912.

	Per doz.
Beauty, Specials	$5.00
" Fancy	4.00
" Extra	3.00
" Firsts	2.00
" Shorts	$0.50 @ 1.00
	Per 100.
Perle	$ 4.00 @ $ 8.00
Bon Silene	3.00 @ 4.00
Bride and Maid	4.00 @ 8.00
Killarney	5.00 @ 12.00
White Killarney	5.00 @ 12.00
Richmond	6.00 @ 15.00
Maryland	5.00 @ 12.00
Carnations	2.00 @ 3.00
Lily of the Valley	3.00 @ 4.00
Longiflorums	10.00 @ 12.00
Violets	.60 @ 1.00
Mignonette	3.00 @ 5.00
Sweet Peas	1.00 @ 1.25
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
Stevia	1.00 @ 1.25
Callas	8.00 @ 10.00
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	Per 100
Beauty, Specials	$50.00 @ $60.00
" Extra	20.00 @ 30.00
" Short Stems	6.00 @ 15.00
Killarney	3.00 @ 16.00
White Killarney	2.00 @ 10.00
My Maryland	2.00 @ 12.00
Mrs. Aaron Ward	2.00 @ 10.00
Lady Hillingdon	2.00 @ 10.00
Richmond, Rhea Reid	3.00 @ 16.00
Carnations	2.00 @ 4.00
Cattleyas	30.00 @ 50.00
Cypripediums	8.00 @ 10.00
Pansies	.50 @ 1.00
Lily of the Valley	2.00 @ 3.00
Lilium Longiflorum	8.00 @ 10.00
Gardenias	4.00 @ 12.00
Violets	.50 @ .75
Sweet Peas	.50 @ .75
Antirrhinums	3.00 @ 5.00
Marguerites	1.00 @ 2.00
Paper White Narcissi	1.00 @ 1.50
Roman Hyacinths	1.00 @ 1.50
Mignonette	3.00 @ 6.00
Stevia.....per bunch, 25c	
Yellow Trumpet Narcissi	2.00 @ 3.00
Tulips	2.00 @ 3.00

Milwaukee, Jan. 17, 1912.

	Per doz.
Beauty, Long	$5.00 @ $6.00
" Medium	3.00 @ 4.00
" Short	1.50 @ 2.00
	Per 100
Richmond	$ 5.00 @ $12.00
Killarney	5.00 @ 12.00
White Killarney	5.00 @ 12.00
Carnations	1.50 @ 4.00
Valley	3.00 @ 4.00
Lilies	12.50 @ 15.00
Violets	.75 @ 1.00
Snapdragon.....bunch, 35c @ 75c	
Paper Whites	2.00 @ 3.00
Stevia	1.50 @ 2.00
Romans	2.00 @ 3.00

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" 30-in. "	3.00
" 24-in. "	2.50
" 20-in. "	2.00
" 15-in. "	1.50
" 12-in. "	1.25
" short "	.75 @ 1.00

	Per 100
Killarney	$ 4.00 @ $12.00
White Killarney	4.00 @ 10.00
Richmond	4.00 @ 12.00
My Maryland	4.00 @ 10.00
Mrs. Jardine	4.00 @ 10.00
Rhea Reid	6.00 @ 12.50
Mrs. Aaron Ward	6.00 @ 12.00
Rivoire (Bulgarie)	6.00 @ 12.00
Melody	4.00 @ 12.00
Perle	6.00 @ 8.00
Carnations	2.00 @ 4.00
Valley	3.00 @ 5.00
Easter Lilies	12.50 @ 15.00
Callas	12.50 @ 15.00
Cattleyas...per doz., $5.00 @ $7.50	
Violets	.50 @ 1.00
Sweet Peas	.75 @ 1.50
Paper Whites	2.00 @ 4.00
Romans	2.00 @ 3.00
Mignonette	4.00 @ 8.00
Bouvardia	6.00 @ 10.00
Freesia	4.00 @ 8.00
Tulips	4.00 @ 5.00
Jonquils	3.00 @ 4.00

Pittsburgh, Jan. 17, 1912.

	Per doz.
Beauty, Specials	$5.00 @ $6.00
" Fancy	4.00
" Medium	2.00
" Short	1.00

	Per 100
Killarney	$ 4.00 @ $12.00
White Killarney	4.00 @ 12.00
Richmond	6.00 @ 20.00
My Maryland	4.00 @ 12.00
Carnations	2.00 @ 4.00
Cattleyas	60.00 @ 75.00
Oncidiums	4.00
Valley	3.00 @ 4.00
Lilies	10.00 @ 12.00
Violets, double	.75 @ 1.00
Daisies	2.00
Paper Whites	3.00
Sweet Peas	.75 @ 1.25
Lilac...per bunch, $1.00 @ $1.50	
Baby Primroses	.15
Mignonette	3.00 @ 4.00

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	Per doz.
Beauty, Extra	$3.00 @ $6.00
" No. 1	3.00
" No. 2	1.00 @ 1.50

	Per 100
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Richmond	4.00 @ 6.00
Bride	4.00 @ 6.00
Carnations	2.00 @ 3.00
Lilium Harrisii	10.00 @ 15.00
Lily of the Valley	3.00 @ 4.00
Cattleyas	60.00
Violets	.50 @ 1.00
Narcissi	3.00
Stevia...bunch, 35c	
Sweet Peas	1.00 @ 2.00

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We Are 'Way Ahead
of last year in the volume of our collection business; but we can do still more. Do not wait, but send us all your back accounts now. Rates and methods on application.
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UNITED STATES CUT FLOWER CO.
Wholesale Florists
ELMIRA, NEW YORK
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Wholesale Cut Flower Prices.

New York, Jan. 15, 1912.

	Per 100
Beauty, Specials	$35.00 @ $50.00
" Fancy	25.00 @ 35.00
" Extra	20.00 @ 25.00
" No. 1	6.00 @ 10.00
" No. 2	4.00 @ 6.00
Bride and Maid	2.00 @ 6.00
Killarney	2.00 @ 10.00
My Maryland	2.00 @ 10.00
Richmond	2.00 @ 12.00
Chatenay	2.00 @ 12.00
Jardine	2.00 @ 15.00
Prince de Bulgarie	4.00 @ 15.00
Lady Hillingdon	4.00 @ 20.00
Orchids	20.00 @ 50.00
Cypripediums	10.00 @ 12.00
Carnations	1.00 @ 3.00
Easter Lilies	6.00 @ 8.00
Lily of the Valley	1.00 @ 3.00
Gardenias...per doz., $0.50 @ $3.00	
Violets	.25 @ .50
Daisies	.25 @ 1.50
Hyacinths	.50 @ 1.00
Sweet Peas, doz. bches., $0.75-$1.50	
Narcissi .....bunch, .15- .25	
Callas.....per doz., 1.00- 1.50	
Lilac .....per bunch, .75- 1.00	
Mignonette....per doz., .25- .75	
Stevia.....per bunch, .10- .20	
Freesia.....per bunch, .10- .25	
Daffodils	2.00 @ 3.00

THE Mum Manual, by Elmer D. Smith, for 40 cents sent to The Review.

MONTGOMERY on Grafted Roses, sent by The Review for 25 cents.

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WHOLESALE FLORIST
55 and 57 W. 26th St., NEW YORK CITY
Phones 4620, 4621 Madison Square
VIOLETS Roses and Carnations

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FLORISTS' SUPPLIES
We manufacture all our Metal Designs, Baskets, Wire Work and Novelties.

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55 and 57 W. 26th Street, Cut Flower Exchange, NEW YORK
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An Unexcelled Outlet for CONSIGNED FLOWERS
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Greater New York Florist Association, Inc.
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55 and 57 West 26th Street 6 a. m. to 6 p. m. every day in the year

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☞ A complete assortment of the best in the market can always be relied upon.

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Wholesale and Retail Dealers in all kinds of

EVERGREENS

Fancy and Dagger Ferns, Galax, Brown and Green

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Headquarters for all kinds of top-grade stock, from the **BEST** Eastern growers.

Established 1903 Prompt Payments

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WHOLESALE FLORISTS

Orchids, Gardenias, Violets, Lily of the Valley, etc.

PAUL MECONI

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MY SPECIALTIES:

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WHOLESALE

All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Greens. Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

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53 W. 28th St., NEW YORK

Tel. No. 1415-1416 Madison Square



Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street, and 34th Street Cut Flower Market.



SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.

Green and Bronze Galax Leaves.

P. J. SMITH

Successor to John I. Raynor. Wholesale commission florist. Selling agent for largest growers. A full line of choice Cut Flower Stock for all purposes by the 100, 1000 or 10,000. Consignments solicited. Telephone 1998 Madison Square.

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49 WEST 28th ST., NEW YORK CITY

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Wholesale Commission Dealer in

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Room for the products of growers of first-class stock. We have what you want when you want it.

28 Willoughby St., Brooklyn, N. Y.

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ROSES AND CARNATIONS

Extra Fine—Fancy Ferns

Detroit Cut Flower Supply House

Wholesale Commission Florist H. V. PEARCE, Pres.

6 Adams Ave. W., Detroit, Mich.

Consignments solicited

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George Saltford

WHOLESALE FLORIST

129 West 28th Street New York City

Tel. Su[illegible]

We have room for a few more good growers. Prompt payments and top prices.

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PACIFIC COAST.

Subscribers on the Pacific coast should not fail to note that their special department of The Review has grown until it now occupies four pages. Give us a boost and the Pacific Coast Department will keep right on growing.

CALIFORNIA YELLOW BELL.

Please give me the scientific name of the plant known as the California yellow bell. J. W. I.

I do not know a plant of this name. The California yellow poppy is Eschscholzia Californica. Perhaps some Pacific coast reader can supply the name. C. W.

SAN FRANCISCO.

The Market.

The frosty nights have been replaced by light rains and milder weather generally. Stock of all kinds, which has been rather scarce since the holidays, has gradually become more plentiful. Carnations are still being held slightly higher than they were one year ago, and roses, except short-stemmed stock, also are a scarce article. A few extra Beauties are shown every day and they are costing the stores from $2.50 to $3 per dozen. Good Brides and Kaiserins have ready sale for funeral orders, and much of the lighter pink stock is used the same way. Daffodils are becoming more plentiful, and the same can be said of narcissi. Romans do not move fast and valley is in oversupply. Violets are over their temporary setback and are now quite numerous again. With the disappearance of our frosty nights of a week ago and the substitution of rain instead, they are of better color and length of stem. Orchids, especially cattleyas, are plentiful. Business is only fair, but quite a bit of funeral work is distributed among the different stores.

Various Notes.

Charles T. Mason is on a trip through Oregon and Washington.

The Hackel Floral Co. has given up the store across from the present location on Powell street.

H. Hayashi has sold out his entire Alameda business and will devote his attention to his Elmhurst nursery.

L. G. Lewis; formerly of Los Angeles, is in town on a short visit. G.

VICTORIA, B. C.

The Market.

The business for the Christmas season was easily ahead of anything that ever before reached this locality. The demand was limited only by the supply. Everything was sold out at good prices and the returns were largely cash. Plants were practically cleaned out before the cut flower trade began, so that the delivery problem was simplified. The weather was ideal, with an average temperature of about 45 degrees and no wind. Chrysanthemums were a leading feature and their condition was perfect. It seems quite possible to have perfect mums here until February 1.

The New Year's trade was fine. Of course, no plants were left, but cut flowers were sold out clean again and the receipts again were cash. No doubt these conditions are somewhat due to the boom the Canadian west is now experiencing, and can hardly be expected to continue always at the same high level.

The third festival in which the florists largely participate and which is peculiar to the west, is the Chinese New Year, coming somewhere within two weeks each way from February 1. It is held this year for the last time. The Chinese revolution seems to have modernized the Chinese in a day. On the coast, pigtails have totally disappeared and with them the terrible power of the many fearsome devils, and the Chinese New Year of 1913 will be held January 1. F. B.

PASADENA, CAL.

At the annual meeting of the Pasadena Gardeners' Association, it was decided to change the name to the Pasadena Horticultural Society.

The following officers were elected: J. B. Feldman, president; John Blake, vice-president; George H. Kennedy, recording secretary; L. R. Brand, financial secretary; William Hutchinson, treasurer. Robert Pegg was elected a trustee for a three-year term; Julius Thedin for two years, and William Farrell for one year. Charles S. Forsythe was elected sergeant-at-arms.

Reports showed that the past year had been a very successful one for the association. The two flower shows conducted by it were successes, and all the other activities of the organization brought about satisfactory results. The outlook is for a good year in 1912. It is planned to hold a flower show in the spring and another in the fall.

TACOMA, WASH.

The Market.

Last week was one of the worst for many years, for we received everything on the list in the weather line, from summer temperatures to ten inches of snow, which certainly made it a trying time for those engaged in the flower business. Business has, as usual, been a little dull since the holidays, but it seems to be gaining again now. Flowers are still scarce and everyone has an unusual amount of split carnations, caused perhaps by the changeable weather of the last few weeks.

The Visit to Seattle.

Tuesday, January 9, several of the local growers got together for a visit to our neighboring city, Seattle. The day was spent in visiting various green-

Direct Importations---Tree Fern Stems

Due to arrive in the early spring of 1912.
The grandest and most graceful of all decorative plants.

Alsophila robusta, Dicksonia Antarctica, Dicksonia squarrosa, Cyathea medullaris, Cyathea dealbata, Cyathea Smithii Cyathea Cunninghami.

All sizes from three feet up.

We will also receive specimen plants of Platyceriums and Todeas,

Prices and particulars on application.

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Los Angeles Flower Market

Chas. E. Morton, Mgr. 414½ S. Broadway, Los Angeles, Cal.

The best equipped wholesale house on the Pacific Coast. Handling the entire cut from eighteen large growers. Roses, Carnations, Violets, Plumosus, Ferns, Smilax, in fact everything in season.

FLORISTS' SUPPLIES

Write, telegraph or telephone your orders. Prompt attention given.

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Carnation Rooted Cuttings For January, February and March Delivery.

Beacon, Enchantress, Lawson, Estelle, Winsor, $2.00 per 100; $17.50 per 1000. Dorothy Gordon, $3.00 per 100; $25.00 per 1000. Victory, White Perfection, Rose-pink Enchantress, $2.50 per 100; $20.00 per 1000. Healthiest, cleanest plants you can find on Pacific coast. No cuttings taken from outdoor stock.

ASPARAGUS PLUMOSUS NANUS

2½-inch pots, from flats, ready for 3-inch pots.....per 100, $2.50; per 1000, $20.00

PANSY PLANTS, Henry Mette's Triumph of Giant, per 1000, $5.00.

Express charges prepaid on orders amounting to $10.00 or more. All orders must be accompanied by cash.

H. HAYASHI & CO., 73rd Avenue and Thomas Street, Elmhurst, Cal.

Mention The Review when you write.

Asparagus Plumosus and Sprengeri

Out of 2-inch pots, $3.00 per 100.

Phoenix Canariensis, out of 2½-inch pots, $5.00 per 100.

Washingtonia Sonorae, out of 2-inch pots, $5.00 per 100.

H. KEMPF, Pacific Nursery

2041 Baker St., SAN FRANCISCO, CAL.

Mention The Review when you write.

houses and at five in the afternoon they met the Seattle club at the Imperial alleys and the next two hours were spent in bowling. The three games played were noted mostly for their poor scores, Mr. Buxton, of the Seattle team, being high man, with an average of 197.

After the game came the dinner; then all attended the regular meeting of the Seattle Florists' Club, where a "get-together" meeting was held. Many important matters were discussed, and everyone came away from this meeting well pleased with his treatment. When it comes to the real Seattle spirit we will surely have to hand it to the bowling team and its captain, Mr. Holze. We expect the team in this city January 18 for the first of a series of games to be played between the two clubs. J. L. S.

SEATTLE, WASH.

The Market.

Trade following the holidays has been good, and the demand for all kinds of cut flowers has kept pretty well up to the supply. Roses and carnations are scarce. Violets are selling well and bulb stock, which is now coming in more plentifully, is selling freely. Some heavy funeral orders last week have helped trade considerably.

Club Meeting.

The Seattle Florists' Club met in the Chamber of Commerce for the regular monthly session Tuesday evening, January 9. There was a large attendance and four new members were taken into the fold. The schedule for the rose show was revised and ordered to be distributed, the date of the show being left open, to be fixed later in accord with the season. The committee on guarantee fund reported a favorable reception. After the usual business was disposed of, the Tacoma Florists' Club invaded the meeting and a pleasant hour was spent in discussing matters of general interest to the trade.

Various Notes.

The H. Harrington Co., owing to the large increase in the retail trade, has taken over the whole of the store at 916 Second avenue, and will now have one of the largest and most commodious establishments on the coast, in a first-class situation for business.

J. J. Karins, representing Henry A. Dreer, Philadelphia, was a recent visitor.

Jean Lamley, manager for Mrs. L. W. McCoy, has been called east, owing to the illness of his mother.

Sam Graff this week opened a new flower store on the viaduct, on Marion street. He has a good location and lots of room to carry a large stock. He intends handling a full supply of seeds and nursery stock in addition to the flower business.

The Tacoma florists visited the city en masse January 9, and, after interviewing brother florists at their premises, a friendly bowling match was played at the Imperial alleys, the result of which is recorded in the bowling column on another page of this issue.

In the evening they were entertained by their hosts with a dinner in Grant's cafe, afterwards adjourning to the club meeting. Such visits as these tend to cement the bonds of amity between the trade in both cities. T. W.

PORTLAND, ORE.

The greenhouse force at the establishment of Clarke Bros. assembled in the packing shed Friday, December 22, for the purpose of making a presentation to John Kleger, the foreman, who is leaving the Clarkes after thirteen years in their employ, the last six years as foreman. Robert Scott acted as spokesman, presenting Mr. Kleger with a fine fountain pen subscribed for by

CARNATION CUTTINGS

ROOTED OR UNROOTED.

	100	1,000	Unrooted 1,000
Enchantress	$2.50	$20.00	$10.00
R. P. Enchantress	2.00	18.00	10.00
White Enchantress	2.50	20.00	10.00
Washington	6.00	50.00	37.50
Pink Delight	3.00	25.00	....
White Wonder	6.00	50.00	37.50
Princess Charming	6.00	50.00	37.50
Dorothy Gordon	3.00	25.00	12.50
White Perfection	2.50	20.00	10.00
Beacon	2.00	17.50	10.00
Victory	2.00	17.50	10.00
Harlowarden	1.75	15.00	8.00
Alma Ward	2.50	22.50	11.50
Admiration	2.00	18.00	9.00

Twenty-five or more at 100 rate, 250 at 1000 rate. We prepay on orders amounting to $10.00 or more for rooted cuttings. All orders for unrooted cuttings F. O. B. Loomis.

LOOMIS CARNATION CO., D. F. RODDAN & SON, Props. **Loomis, Placer Co., Cal.**

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Rooted Carnation Cuttings

BASSETT'S FLORAL GARDENS, B. S. BASSETT, Proprietor **LOOMIS, CAL.**

Mention The Review when you write.

Rooted Carnation Cuttings

Immediate Delivery

	100	1000		100	1000
Rose-pink Enchantress	$2.00	$18.00	Eldorado	$1.80	$17.00
Enchantress	1.80	17.00	Victory	1.80	17.00
W. Enchantress	2.00	18.00	Winona	1.70	16.00
Beacon	1.80	17.00	W. Perfection	2.50	20.00
Harlowarden	1.70	16.00	O. P. Bassett	2.50	20.00
White Lawson	1.80	17.00	Winsor	2.00	18.00

All heel cuttings and well rooted. **FALLEN LEAF GREENHOUSES, Roseville, Cal.**

Mention The Review when you write.

CARNATIONS

ROOTED CUTTINGS

Enchantress, R. P. Enchantress, Winsor, O. P. Bassett, Victory, May Day, Boston Market, Eldorado, Harlowarden, Flora Hill, $18.00 per 1000.

Pink Delight, $25.00 per 1000.

El Durasno Flower Co., Newcastle, Cal.

L. A. SMITH, Manager

Mention The Review when you write.

GREENS

We make a specialty of Decorative Greens: Smilax and A. Plumosus Strings, A. Plumosus and A. Sprengeri Sprays. Also cut flowers. Write for prices.

Walter Armacost

OCEAN PARK :: CAL.

Mention The Review when you write.

PALMS PALMS PALMS PALMS PALMS

WASHINGTONIA ROBUSTA

1, 1½, 2, 2½, 3 and 3½ ft., at 25c, 30c, 40c, 45c, 55c and 75c each (balled plants). Ask for our Wholesale Palm List of all kinds of Palms (Cocos, Phoenix, Seaforthia, etc.) State quantity wanted.

EXOTIC NURSERIES, Santa Barbara, Cal.

PALMS PALMS

Mention The Review when you write.

SHASTA DAISIES

Alaska, California and **Westralia,** extra strong field divisions, $24.00 per 1000; $2.50 per 100.

Cyclamen Persicum Giganteum, 3, 4 and 5-in. pots, $7.00, $12.00 and $20.00 per 100. Fine bushy plants, well budded.

Asparagus Plumosus, 3-in., $5.00 per 100.

Asparagus Sprengeri, 3, 4 and 5-in. pots, $5.00, $8.00 and $15.00 per 100.

Also **Shasta Daisy, Pentstemon Hybridum Grandiflorum, Delphinium Hybridum** and other choice seeds. Send for list.

Cash, please.

FRED GROHE, Santa Rosa, Cal.

R. D. 4.

Mention The Review when you write.

BARGAIN PRICES

Selling out all nursery stock except Kentias. **Areca Sapida,** potted, 2, 2½, 3, 3½, 4, 4½, 5, 5½-feet, at $1.20, $1.40, $1.80, $2.30, $2.90, $3.50, $4.20, $4.80 each. **Phoenix Canariensis,** balled and ready for shipment, 3, 3½, 4, 4½, 5, 5½-feet, at 60c, 80c $1.00, $1.20, $1.45, $1.75 each. **Phoenix Can.,** from 2½-inch, $5.00 per 100. **Washingtonia Rob.,** from 2-inch, $4.50 per 100. **Cocos Plumosa,** balled, 3, 4, 5, 6, 7 feet, at $1.80 $2.00, $3.00, $4.50, $6.00 each.

Write for special prices on carload orders.

Kentia Nurseries, - Santa Barbara, Cal.

Mention The Review when you write.

Sweet Pea Seed

"The Three Incomparable Reds"

Thos. Stevenson, orange-scarlet Spencer.
Maud Holmes, crimson (sun-proof) Spencer.
Kelway's Black, grandiflora.

Write for prices.

LEONARD COATES NURSERY CO.

Morganhill, Santa Clara Co., Cal.

Mention The Review when you write.

50,000 PANSY PLANTS

of the best mixtures known, stocky plants, ready to transplant now.....50c 100; $3.00 1000. Cash, please.

F. G. EHLE, 224 Sanborn Ave. SAN JOSE, CAL.

Mention The Review when you write.

the men under him. Mr. Kleger fittingly acknowledged the gift.

Mr. Kleger has purchased twenty acres or more at Clatskanie, Ore., and will start in the greenhouse business for himself.

Business is about the same as previously reported. A laxity must be expected after the holidays. The snow and general bad weather for the ten days after New Year's hurt business, in a measure. Funeral work is brisk, which cleans the surplus, yet there is plenty of stock. Carnations are in unusually heavy crop. Roses are also plentiful, especially White Killarneys. In spring flowers, Romans, Paper Whites, freesias and daffodils are available in pans as well as cut flowers.

E. R. C.

LOS ANGELES, CAL.

The Market.

Stock has been cleaning up well in almost all lines, but, unfortunately, this is perhaps due more to a shortage of flowers than to heavy demand. Trade is running along about on an even keel and there is little to find fault with and little to praise. The dry weather is responsible for the shortage in outdoor flowers, and the Japanese growers say "Violets no good." But they say it with that engaging smile of theirs, and one is tempted to quote the old saying that "a sweet smile goes a long way"—laterally or literally, whichever way the printer likes. Roses are improving in quality and quantity right along. Killarney is decidedly the best of the popular roses, with Richmond a good second. Radiance is beautiful in color, but the flowers have not the substance they had earlier. Other varieties are becoming more plentiful. In yellow, Harry Kirk seems to lead, and the flowers of Mrs. Aaron Ward are usually short and vary so much in color that retailers complain they are difficult to use. American Beauties are of fair quality only. Wholesalers and retailers complain of the keeping qualities of the white and pink carnations. The flowers appear to be shipped too soon after cutting and should be better cooled off. There is little complaint against the reds. Good Cecil Brunner roses are scarce. Sweet peas are improving right along and growers say these will be in full supply now. Outdoor roses are scarce, but there are some good blooms among them. Flowers for filling in funeral pieces are not too plentiful. The new marguerite, Mrs. F. Sander, is fine for the purpose and thrives well outdoors here. A good, businesslike rain is falling as I write, and it is badly needed.

Various Notes.

Things are looking fine at Ed Rust's nursery at South Pasadena, and a look through showed the propagating in a forward condition and all stock in perfect health. The new conservatory is now furnished with graceful vines and foliage plants and is a welcome addition. The nursery stock in the lower place is growing magnificently under the Skinner watering system, and in the way of receipts last December was the best month in the whole of Mr. Rust's twenty-nine years in business.

At the fine store of The Roserie, on Broadway, beautiful window displays have been the rule, and an elegant class of stock is handled. Business has been exceptionally good, according to C. J. Muller, but I was sorry to hear of Mrs. Muller's continued ill health, which necessitates her remaining out on the desert.

G. M. Creutz Co. says business is keeping up fairly well, though stock is short, cleaning up well daily. Violets and greens are specialties here, and progress is apparent along all lines.

Tassano Bros. have opened a new store at 356 South Hill street. The store is deep and at the rear is a large room and basement, which will give plenty of room for handling the fine grade of greens for which this firm is noted. Tony says trade has been a little dull since the holidays.

S. R. Lundy, representing the A. L. Randall Co., Chicago, has been drumming up business for his firm and, incidentally, enjoying a little California sunshine after his experience of 20 degrees below zero farther north.

Batiste, recently with the Redondo Floral Co., is now at Jack's Flower Shop.

Morris Goldenson left recently with a party of friends for the Santa Cruz islands for an extended hunting trip. Two cooks, two tents and about a carload of eatables were included in the outfit, and probably none of the party

MAKE ASTERS WORTH WHILE

By using our High-grade Yamhill Co., Oregon, Grown Seed

For years we have make a specialty of Asters for cutting. **Quality** is our first consideration. Central Yamhill, being the **natural home** of the Aster, never fails to produce **first-class** cut flowers, and our seed is **second to none.**

	1/8 oz.	1/4 oz.	1/2 oz.	1 oz.
Crego Aster, in white, shell-pink, rose-pink, lavender and purple	$0.40	$0.75	$1.50	$3.00
Vick's Mikado Pink "Rochester," a lavender-pink	.40	.75	1.50	3.00
Daybreak and **Purity,** delicate pink and snow white	.30	.55	1.10	2.00
Lady Roosevelt, bright pink	.25	.50	.70	1.00
Dreer's Superb Late Branching, in five colors of Crego	.25	.50	.70	1.00

Ask for descriptive circular. Please send cash with order.

HERBERT & FLEISHAUER, Aster Specialists, McMINNVILLE, ORE.

Mention The Review when you write.

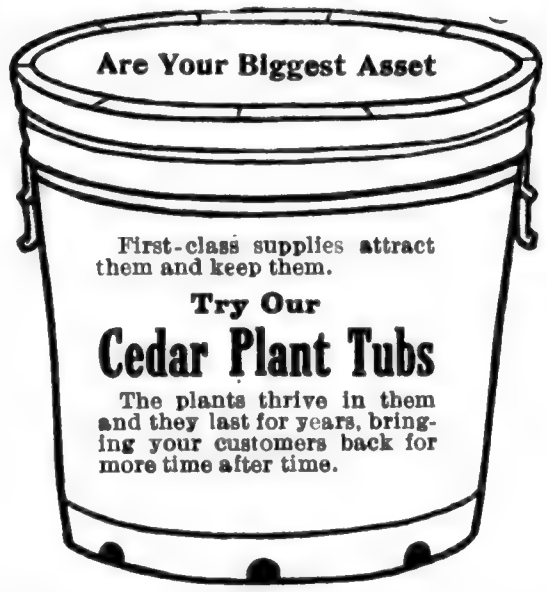
Japanese Genuine Lily Bulbs

We book orders now. Don't miss it. The stock we offer is grown for American trade and strictly choice, high-grade. Write for price list for 1912. Specialists in all kinds of Japanese Lily Bulbs.

S. MIYAKE & CO., 1020 Main St., SEATTLE, WASH.

Mention The Review when you write.

Satisfied Customers



PATTON WOODEN WARE CO.

SEATTLE, WASH.

Mention The Review when you write.

SEATTLE CUT FLOWER EXCHANGE

909-911 Post St., SEATTLE, WASH.

Everything in cut flowers, greens, plants, etc., at lowest prices.

Write, wire or phone. L. P. WALZ, Mgr.

Mention The Review when you write.

Chrysanthemum Stock Plants

	Per doz.	Per 100
WHITE		Per plant
Mrs. David Syme		$1.00
Other Varieties		
W. Oct. Frost	$0.60	$4.00
Kalb	.60	4.00
White Cloud	.60	4.00
Ivory	.60	4.00
Virginia Poehlmann	.60	4.00
Touset	.60	4.00
Alice Byron	.60	4.00
W. Eaton	.60	4.00
W. Jones	.60	4.00
W. Chadwick	.60	4.00
Jeanne Nonin	.60	4.00
YELLOW		
Yellow Oct. Frost	.75	5.00
Monrovia	.60	4.00
Oct. Sunshine	.60	4.00
Halliday	.60	4.00
Yellow Ivory	.75	5.00
Major Bonnaffon	.60	4.00
Y. Eaton	.60	4.00
Golden Chadwick	.60	4.00
Yellow Jones	.60	4.00
PINK		
Pink Ivory	.60	4.00
Balfour	.60	4.00
Dr. Enguehard	.60	4.00
Maud Dean	.60	4.00
RED		
Intensity	.60	4.00
Shrimpton	.60	4.00
BRONZE		
Fancy Bronze	.75	5.00

ROOTED CARNATION CUTTINGS

	R. C.		2½-in. pots	
	100	1000	100	1000
Enchantress	$2.50	$20.00	$3.50	$30.00
White Enchantress	2.50	20.00	3.50	30.00
Winsor	2.50	20.00	3.50	30.00
Harlowarden	2.50	20.00	3.50	30.00
Beacon	3.00	25.00	4.00	35.00

Woodland Park Floral Co.

S. Poolman, Mgr. SUMNER, WASH.

P. O. Lock Box 86. Phone Farmers 84.

Mention The Review when you write.

German Stocks, 2-in. pots, for Easter blooming, best white and pink, $1.50 per 100.

Geraniums, 3-in., $5.00 per 100.

Asparagus Sprengeri and **Plumosus Nanus,** 3-in., $6.00 per 100.

Chrysanthemum Stock, Carnation Cuttings, best varieties. Write for price list.

VAN SLYKE & SEAMONS,

Tacoma, Wash.

Mention The Review when you write.

RAHN & HERBERT

110 E. 49th St., PORTLAND, ORE.

GERANIUMS

2-in. pots. Hill, Nutt, Jacquerie, Trego, Chapatin, Landry, Buchner, $3.00 per 100; $25.00 per 1000. Hall Caine, $5.00 per 100. Ivy Geranium, Baden Powell, Charles Turner, Ryecroft's Surprise, $3.50 per 100. Daisy, Mrs. Sander and Soleil d' Or, 2-in. pots, $5.00 per 100.

Palms, Ferns and Araucarias.

Mention The Review when you write.

STANDARD POTTERY CO.

652-4 S. Griffin Ave., Los Angeles, Cal.

West India Gardens, Altadena, Cal.

Standard Pottery Co., Dear Sirs:—You have now delivered us about 34,000 4-in. pots out of the order for 40,000 we placed with you. Same have been entirely satisfactory. As soon as you have completed the order for 40,000, deliver us two good loads more of 4-in. pots, or about 4000 or 5000, then hold till further advices. We shall probably want 5000 to 7000 more.

(Signed) F. O. Popenoe, President.

Flower Pots, Vases and Ornamental Ware For Florists' Use Only.

Mention The Review when you write.

HOWARD & SMITH

Ninth and Olive Sts., Los Angeles, Cal.

For all classes of

Ornamental and Flowering Plants

Roses a Leading Specialty

Nurseries cover nearly 100 acres.

will perish of thirst. Meanwhile business flourishes at the store and J. Gordon and Walter Garbett have their hands full.

Charles Morton, of the Los Angeles Flower Market, has been on a business trip to San Francisco.

Several large decorations have been carried out by the Hayward Floral Co. In one an 8-foot centerpiece of Harry Kirk roses was used, and in another every room in the house was decorated with flowers of a different color. J. Reeve Darling, the proprietor, was recently the victim of a check fraud, but, I am glad to say, recovered his money.

Stewart Bros. report business in deciduous and citrus fruit trees good, their orange trees having been only slightly hurt by the recent frost.

Excellent business is reported by the Ingleside Floral Co. Considerable sympathy is felt for A. W. Ross, the principal owner of this business, in the ill health of Mrs. Ross, which will probably necessitate her leaving the city for the purer air of the ranch.

"Great business," says Frank Lichtenberg, of Thee Florists. "Too busy to talk."

Away out on North Main street or thereby, 652 South Griffin avenue, to be exact, the Standard Pottery Co. has its offices and works, and here we found Messrs. Anderson and Brown as busy as the proverbial bee. Florists and nurserymen who are seeking something artistic and good in the way of ornamental pottery regularly run out to see the stock of this class of goods—see it in the making and see the finished product. Big Indian bowls, baskets, vases, window boxes and everything for the florists' or cemetery use is here in the greatest variety, not forgetting the hundreds of thousands of the common though useful flower pots. Both clay and workmanship are good, and the result is a clean, well-baked pot, light, strong and red, which is being dispatched all over the coast in carload and smaller lots.

The store at 337 South Spring street has had a varied career since Mrs. Dolphin opened it, and it is out of the running now. Musical instruments and talking machines adorn the window.

George Leaver, of the Los Angeles Nursery, is going in more largely for bulb-growing and cutting out some of the nursery stock. Mr. Leaver is an old Review reader, having taken the paper since its first issue.

In the windows of Freeman Lewis, on Fourth street, the magnificent silver cups won by the National cars at Santa Monica and other race meetings have been on display, six splendid trophies, one said to be valued at $5,000. Extra help has been used here to keep up with the rush of decorations.

Fred Rafferty, of Santa Ana, is sending in fine Roman hyacinths.

Henry Turner, of Dieterich & Turner, Montebello, intends to make his new rose houses wider; 60x300 feet each will be the size of the houses in the new range to be built this summer. "The truth is often spoken in jest," and the christening of this place as "Heisse Luft" was certainly prophetic. While all around, frost cut tomatoes and other tender plants, not a leaf was injured here, even on such tender stock as Bougainvillea lateritia and philodendrons.

Howard & Smith are working on several important landscape contracts and report inquiries for spring business good. The budded roses are perfect this year, forty acres of them at the rose grounds at Gage, and the output will this year be close to a million. At Montebello everything is in fine trim, while the specimen grounds in the city are well worth a visit, owing to the great variety and good quality of the stock shown.

At the Cahuenga Valley Nursery, Miss Minnie L. Brydges manages the entire business and has since her father's death. Miss Brydges is justly proud of her fine stock of budded rose plants. She has made a study of the best stocks for certain varieties and has been most successful.

H. R. Richards.

Fresno, Cal. — E. V. Maddox has built a large greenhouse, 32x132, at 14 Portland avenue and will plant it to vegetables.

ASPARAGUS PLUMOSUS NANUS SEED

Season 1911—1912.

Ready NOW--our own grown new crop seed

In Lots of 1,000	per 1000,	$2.50
In Lots of 10,000	per 1000,	2.00
In Lots of 20,000	per 1000,	1.75
In Lots of 50,000	per 1000,	1.50

Write for quotations on larger lots.

Los Angeles Flower Market, 414½ South Broadway LOS ANGELES, CAL.

Mention The Review when you write.

DO YOU KNOW that we are the largest, most up-to-date, oldest-established and best-equipped house handling

Cut Flowers, Greens and Florists' Supplies

in Southern California? Our stock is complete in all lines of baskets, ribbons, chiffons, immortelles, wire work, etc., as well as choice and fresh stock of choice cut flowers and greens in all varieties. **Your orders solicited for large or small quantities.**

H. N. GAGE CO., Wholesale Florists and Supplies. 534 SOUTH BROADWAY, **LOS ANGELES, CAL.**

Mention The Review when you write.

KEEP YOUR EYE ON

DIETERICH & TURNER

Florists and Nurserymen

MONTEBELLO, CAL.

THE PROGRESSIVE FIRM

Mention The Review when you write.

MEXICAN IVY Best and Most Lasting Green

Prices f. o. b. Los Angeles or Santa Cruz, Cal.

Mexican Ivy	1000,	$5.00
Brake Ferns	1000,	2.50
Smilax Strings,	doz.,	1.50
Asp. Plumosus	doz.,	3.50
Huckleberry,	bunch,	.50

All Classes of Greens and Cut Flowers

Cash from unknown parties

Tassano Bros. 356 S. Hill St., 304 W. 9th St., Wholesale Florists LOS ANGELES, CAL.

Mention The Review when you write.

FOR SALE

A bargain, owing to sickness. Controlling interest in Florists' business in the center of Los Angeles, consisting of 10,000 feet of glass and retail store. December business $1200. Cheap lease.

Reply at once, as we must make a quick sale. No reasonable offer turned down.

INGLESIDE FLORAL CO.,

148 West Adams St. Los Angeles, Cal.

AZALEAS AFTER FLOWERING.

What is the best method of caring for azaleas after blooming, and how many seasons will they do good service? V. A. A.

Keep the plants in a cool greenhouse until danger from frost has passed. Pick off all the seed pods and keep well syringed. The plants can be carried over summer either in pots plunged in ashes or some other material, or planted outdoors. They enjoy a soil containing some leaf-mold and sand, but this is not necessary. The main essentials to successful culture are taking care that they do not become dry at the root and hosing them overhead every evening in summer. For this reason they should be planted where they can be reached with water. A mulch of spent manure is useful in retaining moisture about the roots. Dig up and pot the plants early in October. Treated in this way, azaleas can be carried over, if required, for many years. C. W.

Nursery Stock For Florists' Trade
Large General Assortment for Spring Planting
WRITE FOR TRADE LIST
W. & T. SMITH COMPANY, Geneva, N. Y.
800 ACRES — 65 YEARS
Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Officers for 1911-12: Pres., J. H. Dayton, Painesville, O.; Vice-pres., W. H. Wyman, North Abington, Mass.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-seventh annual meeting, Boston June 1912.

THE nurseryman who has made quality his hobby is just about coming into his own.

S. SIABRE, the nurseryman of Webster, Tex., has established a branch nursery at Whistler, Ala.

IT is reported that Isaiah Martin, a nurseryman at Redlands, Cal., has made a great success by specializing on olive trees, which have come into great demand.

FIRE, January 10, did $10,000 damage at the nursery of John Cannedy, at Carrollton, Ill. The storage house and contents were destroyed. Insurance, $2,500.

THE recent conference of nursery interests with the government officials back of the Simmons bill is reported to have resulted in an agreement that the bill shall be amended to place the administration of the quarantine law in the hands of a commission of five rather than in the hands of one government officer.

THE BOSTON CONVENTION.

The thirty-seventh annual meeting of the American Association of Nurserymen will take place at Boston June 12 to 14. The committee on arrangements has selected the Hotel Brunswick as headquarters. The program will be arranged by Charles J. Maloy, Rochester, N. Y., which ensures something good; and A. E. Robinson, Bedford, Mass., is chairman of the committee on exhibits. The chairman of the committee on entertainment is J. Woodward Manning, of North Wilmington, Mass.

FEDERAL LAW TAKING SHAPE.

William Pitkin, chairman of the legislative committee of the American Association of Nurserymen, makes the following report regarding the conference held at Washington, December 28 and 29:

"I am glad to be able to say that the prospects look favorable for a satisfactory settlement of the dispute relative to the proposed federal bills regulating the importation of nursery stock. The National Association of Horticultural Inspectors and the Association of Entomologists held their annual convention in Washington. Your chairman, with Irving Rouse, W. P. Stark and W. H. Wyman, had a number of conferences with the legislative committee of the Inspectors' Associa tion, and also with individual members and with Dr. Howard and Mr. Marlatt, of the Department of Agriculture, and a tentative agreement was reached subject to the approval of our legislative committee, which I think will be secured.

"The proposed bill will provide for permits, notifications, and both domestic and foreign quarantine, but the provisions for foreign and domestic quarantine will be limited to insects and diseases new to the United States and not now established in this country. The bill will also provide for an administrative board and for public hearings before the issuance of any quarantine or stringent order, and with an opportunity for appeal from the decision of that board to the Secretary of Agriculture. A bill is to be drafted by the Department of Agriculture and submitted to our legislative committee before any further action is taken.

"The committee felt, in view of the sentiment that had been aroused by the Department of Agriculture and the entomologists in favor of some form of federal regulation, that it was wise to join with the entomologists and inspectors and agree on a compromise measure that would be a protection to the public and the fruit growers and would not be extremely burdensome on the nursery interests; and it is our belief that this has been accomplished by the proposed bill.

"The committee was ably assisted by Prof. S. J. Hunter of the Kansas University, who came to Washington with Mr. Stark, representing the Western Wholesale Association, and we feel that we are much indebted to him for his wise counsel and advice and for his efforts in reconciling the differences existing between the committee and his associates among the horticultural inspectors. The committee also feels greatly indebted to the legislative committee of the Inspectors' Association for their courtesy and evident desire to do all that they could to meet the nurserymen on a mutually satisfactory ground. That committee consisted of

B. & A. SPECIALTIES
PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.
Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City. Carlton Hill Station is the second stop on Main Line of Erie Railroad.
BOBBINK & ATKINS, Nurserymen and Florists RUTHERFORD, N. J.
Mention The Review when you write.

TWO MILLION PRIVET CUTTINGS
OFFERED BY A PRIVET SPECIALIST
C. A. BENNETT, Robbinsville, N. J.
Mention The Review when you write.

LEEDLE SPRINGFIELD ROSES
2½-in. 4-in.
Shipping Booking Growing
Mention The Review when you write.

California Privet
A full supply for all who need well grown, well graded, well rooted and well packed 2-year-old
California Privet
Only strong branches counted. Satisfaction guaranteed.

	Per 100	Per 1000
12 to 18 in., branches	$1.00	$ 5.00
18 to 24 in., 3 or more branches	1.50	10.00
25 to 30 in., fine, 4 or more branches	2.00	15.00
2½ to 3 ft., strong, 6 or more branches	3.00	25.00
3 to 4 ft., extra hv'y, 8 or more branches	4.00	30.00

10 per cent off on 5000 lots of the first four grades. Special low rates on car lots. Correspond before purchasing.
CHAS. BLACK, Hightstown, N. J.
Mention The Review when you write.

LARGE TREES
OAKS AND MAPLES, PINES AND HEMLOCKS
ANDORRA NURSERIES
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.
Mention The Review when you write.

Prof. T. B. Symons, of Maryland; Prof. E. D. Sanderson, of West Virginia, and Prof. Worsham, of Georgia.

"The proposition has the endorsement of the Association of Horticultural Inspectors and of Mr. Marlatt, representing the Department of Agriculture, and if the bill as drawn correctly carries out the understanding now existing, and I have no doubt that it will, it is felt that there will be no serious difficulty in securing favorable action during the present session of Congress."

PRIVET IN NORTH DAKOTA.

Would you please tell me whether privet is hardy as a hedge plant here, in North Dakota, and which privet would be the best in this climate?

R. O.

Ligustrum ovalifolium, California privet, is the variety mostly grown and is about the only one advertised for hedging purposes. It is, however, not to be recommended for any state where the temperature frequently falls below zero. The hardiest privets are L. Ibota, or Japanese privet, and L. Amurense, or Amoor river privet. The last named has successfully withstood a temperature of 20 degrees below zero, and if any variety will succeed with you it should be this one. C. W.

AMHERST, MASS.

The short course now in session at the Massachusetts Agricultural College promises to be one of the most successful ever held. The following men are taking the floricultural course:

Frank J. Cartier, Mittineague, Mass.
Harvey W. Cotton, Brighton, Mass.
Fred Dale, Manchester, Mass.
Sylvester Copan, Tarrytown, N. Y.
Manning Imlay, Zanesville, O.
George Manton, Eglinton, Ont.
Frank J. McGregor, Newburyport, Mass.
George W. Wall, Phoenixville, Pa.
Caleb H. Wheeler, Concord, Mass.
Chatterton Warburton, Jr., Fall River, Mass.
Stewart Worthen, Mittineague, Mass.
Michael Macken, Glendale, Mass.

Some of these men have had considerable experience in greenhouse work and in retail work, and are taking up the work especially for the technical and scientific advantages of the course.

Thus far the lectures have dealt largely with construction problems. Aside from the lectures given on this subject by Professor White, W. R. Cobb, of Lord & Burnham Co., gave a valuable illustrated lecture on Friday afternoon, January 5. R. O. King lectured on Friday afternoon, January 12, on the King construction.

In Mr. Cobb's lecture he first described the character of the older houses and showed the advancement which had been made in modern greenhouse construction. He next described in detail the commercial house known as the "flat rafter type on iron posts, with curtain walls." He spoke of the "semi-iron pipe-frame house on posts," with a wall of the same construction, and described the various conservatory types on iron sills, with solid concrete walls. He then discussed the advantages and disadvantages of different types of construction.

The observation trip on Saturday, January 6, was to H. W. Field's commercial range in Northampton, where everything was found in the usual neat, up-to-date condition in which the manager, Mr. Graves, always keeps things.

AMERICAN PILLAR

HAS HOSTS OF FRIENDS

Tenants Harbor, Me., 2-3-11.—Gentlemen: Many thanks for your beautiful catalog. I want to tell you that I have one American Pillar which I have had for four years. It grows beautifully in this climate (way down on the coast of Maine) and is very much admired by everyone who sees it. Very truly yours.—Mrs. J. H. D————.

New Castle, Del., 11-12-1910.—Gentlemen: The American Pillar Rose you sent me is the finest of them all, and I have some ten different varieties. It was covered with thousands of blossoms, and the original plant covers an arch over ten feet high, and ten or twelve feet long. I have many Roses, but the American Pillar is the most admired of them all. I never find any trouble with mildew or insects. Your Roses are better than you claim and I am a most enthusiastic believer in Conard & Jones Company. Very sincerely.—Mrs. Selden S. Deemer.

Comment from the London Garden.—"A most notable feature in this glorious display (Temple Flower Show in London) was the New 'American Pillar' Rose. The large and attractive rich rose pink blooms are produced in immense clusters, the white centers of the blooms adding to their attractiveness.—Florists' Exchange."

The best pink rambler is American Pillar; it is an extraordinary grower, its foliage is darker in color than any other, and it is more evergreen than any known kind. It produces immense clusters of large flowers from 1½ to 2½ inches in diameter. This variety created quite a sensation when shown by us last year; it has been awarded the R. H. S. Award of Merit.—Hobbies, Limited, London, England.

"The Rose is of too recent introduction to write otherwise than generally about it. Its strong points appear to be its fine growth, lateness and showy flowers, and its really magnificent foliage, which clothes the stem down to the base, the pillars looking in Autumn as though clothed with ivy rather than a Rose foliage. Its special uses are as a tall pillar or rambling over a pergola, arch or screen."—From 1911 Rose Annual of the National Rose Society.

PRICES—Strong 3 year (4 to 5 ft.), **$35.00** per 100; 2 year (3 to 4 ft.), **$25.00** per 100; plants from pots, hardened, 2½-inch, **$10.00** per 100; f. o. b. West Grove.

THE CONARD & JONES CO.

WEST GROVE, **PENNSYLVANIA**

Mention The Review when you write.

ROSES FOR FORCING

"THE J. & P. PREFERRED STOCK"

We consider the deliveries we are now making to be the best plants we have ever grown. We have a few left for late buyers. **Crimson Rambler, Hiawatha, Veilchenblau (Blue Rambler), White Dorothy, Philadelphia Rambler, at $15.00 per 100; Tausendschon, $18.00 per 100; Dorothy Perkins, $12.00 per 100.**

BABY ROSES. Crimson, Baby Rambler, $15.00 per 100: Pink, Mrs. Cutbush, $15.00 per 100; White, Katherine Zeimeth, $15.00 per 100; Scarlet, Jessie, $3.00 per doz. (the BEST Baby Rose for pot culture).

The following bush Roses at $15.00 per 100: American Beauty, La France, Killarney, Hermosa, Leonie Lamesch, Hugh Dickson, Mme. Caroline Testout, Kaiserin, Duchess of Albany, Etoile de France, Clothilde Soupert, White Cochet Gruss an Teplitz, Anny Muller, Maman Cochet, Magna Charta. All fine forcing grade, the very best plants selected out of immense blocks.

HALF STANDARDS, Baby Ramblers, imported, at $3.00 per dozen.

JACKSON & PERKINS CO.

Rose Growers for the Trade. Wholesale Only. **NEWARK, NEW YORK**

Mention The Review when you write

FIELD GROWN SHRUBS IRIS PÆONIES ROSES THE USN CO

The United States Nursery Co

Roseacres, Coahoma Co., MISS.

Mention The Review when you write.

Clematis Paniculata

Strong, Field-grown Stock.

2-year, No. 1,
$7.00 per 100; $60.00 per 1000.

Extra selected,
$8.00 per 100; $70.00 per 1000.

VICK & HILL CO.

P. O. Box 613 **ROCHESTER, N. Y.**

Mention The Review when you write.

The trip on Saturday, January 13, was to the Montgomery rose range, in Hadley.

Waterbury, Conn.—The barn of Saxe & Floto was burned January 7, the fire starting from a wagon-heater. Three cows and a horse were burned. The loss was $4,000.

HARDY CHOICE

ORNAMENTALS

Ask for Prices

Hiram T. Jones

Union County Nurseries, **Elizabeth, N. J.**

Mention The Review when you write.

TORONTO.

The Market.

The public is spending its money on coal instead of on cut flowers. For the last two weeks the thermometer in this city has ranged anywhere from 5 to 20 degrees below zero. Business has been affected to a large extent and all dealers report trade dull. Some little difficulty is being experienced in making deliveries, and stock coming in from outside points is often frozen on arrival. On the whole, however, stock is good.

Various Notes.

A. E. Moore, Toronto's wholesale florist, is sending out a handsome and useful souvenir in the shape of a thermometer and barometer combined.

R. B. Evans, chief draughtsman for the parks department, is an applicant for the position of park commissioner, in place of the late James Wilson.

Thomas A. Ivey & Son, of Port Dover, Ont., are distributing a neat 1912 calendar.

The Connon Floral Co., Hamilton, Ont., has issued a fine calendar.

E. A. F.

CLEVELAND.

Gordon Gray, one of Cleveland's veteran florists, is seriously ill with erysipelas.

The Wilhelmy Bros. Co. has been incorporated, chartered to do a general florists' business. The capital stock is $5,000, divided into fifty shares of $100 each. The incorporators are Walter McMahon, Edward A. Wilhelmy, Fred Desberg, M. J. Roan and E. P. Strong.

DANVILLE, ILL.

At 5 a. m. January 7 fire started in the boiler-room of the Danville Floral Co., burning it to the ground and destroying the ends of the greenhouses. The heating apparatus was completely destroyed and, as it was 16 degrees below zero at the time, the whole place froze up. For the present a retail trade with shipped-in stock is all that can be done, but H. A. Dubuis, the proprietor, hopes to get started again in the spring.

ROSES

	GRAFTED		OWN ROOT	
	Per 100	1000	Per 100	1000
Lady Hillingdon	$25.00	$200.00	$20.00	$150.00
Rose Queen	20.00	150.00	15.00	100.00
Double Pink Killarney	20.00	150.00	15.00	100.00
Aaron Ward	20.00	150.00	10.00	90.00
Mrs. Taft	18.00	150.00	8.00	70.00
Melody	.....	.....	12.00	100.00
Richmond, Maryland	.....	.....	7.00	60.00
White Killarney, Pink Killarney and Richmond	15.00	120.00	.....	.....
Double White Killarney (Reuter's Strain)	30.00	250.00	25.00	200.00
White Killarney and Pink Killarney	.....	.....	7.00	60.00

CARNATIONS

ROOTED CUTTINGS

	Per 100	1000		Per 100	1000
White Wonder	$6.00	$50.00	Bonfire	$6.00	$50.00
Gloriosa	6.00	50.00	Pink Delight	4.00	35.00
Washington	6.00	50.00	Mrs. C. W. Ward	3.50	30.00
White Enchantress, White Perfection, May Day, Afterglow, Winsor, Beacon, Ruby and Conquest				3.00	25.00

New Double Marguerite, Mrs. F. Sander

A good variety, very free and an easy grower. Strong plants, 2-in. pots, $5.00 per 100; $40.00 per 1000.

S. J. REUTER & SON, Inc., Westerly, R. I.

Mention The Review when you write.

READY FOR ORDERS

OWN-ROOT ROSES

My Maryland, 2¼-inch pots, ready for shipping middle of February.

Orders taken for following varieties, from now to January 20th, for March delivery:

Pink Killarney, White Killarney, Richmond, Perle, Bride and Bridesmaid, 2¼-inch pots.

Send us your order NOW.

J. L. Dillon, Bloomsburg, Pa.

CARNATION GROWERS!!

RAINBOW

A

Glorified Prosperity

wins the first prize in the overlaid or Prosperity class at the annual convention, Detroit, last week. Send your order now for February delivery. Our January cuttings are all sold. Remember, our cuttings are guaranteed. We can deliver half a million.

$12.00 per 100; $100.00 per 1000. 250 at 1000 rate. Liberal discount on large orders.

Cash or good reference.

WANOKA GREENHOUSES, BARNEVELD, NEW YORK

Mention The Review when you write.

SMITH'S ADVANCE

The Earliest Large-flowered

WHITE CHRYSANTHEMUM

We offer young stock from one of the most celebrated growers, 2-in. pots, $1.25 per dozen, $10.00 per 100.

Stock grown to your order.

A. L. RANDALL CO.

66 E. Randolph St., CHICAGO, ILL.

Mention The Review when you write.

MARGUERITES

Giant flowering, 3-in., very bushy	per 100, $5.00
Giant flowering, 2½-in	per 100, 3.00
Mrs. F. Sander, 3-in., bushy	per 100, 7.00
Mrs. F. Sander, 2½-in	per 100, 4.00

This stock is grown specially for our New York Easter trade, and is first-class in every respect, just right for transplanting into large pots and pans.

Cash with order.

A. L. MILLER, Jamaica Ave., opp. Schenck Ave. BROOKLYN, N. Y.

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MELODY, own root, 2½-in. pots, 30c each; $2.50 per dozen; $12.00 per 100; $100.00 per 1000.

DOUBLE PINK KILLARNEY, own root, $2.50 per dozen; $12.00 per 100; $100.00 per 1000. Grafted, $3.00 per dozen; $20.00 per 100; $150.00 per 1000.

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SHARON HILL, Delaware Co., PA.

KILLARNEY

Double Killarney is the best pink rose for warm weather. Contracts made for cuttings, eyes or own root plants.

JOHN WELSH YOUNG, Upsal Sta. P. R. R., Philadelphia, Pa.

YOU...

Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

Rooted Carnation Cuttings

	100	1000
Princess Charming	$6.00	$50.00

An improvement on Enchantress, making good.

	100	1000
Christmas Cheer	$6.00	$50.00

The scarlet pot carnation.

	100	1000
Wodenethe (Totty)	$15.00	$125.00

The most perfect white.

Clean Stock, for Immediate Delivery

Henry Eichholz

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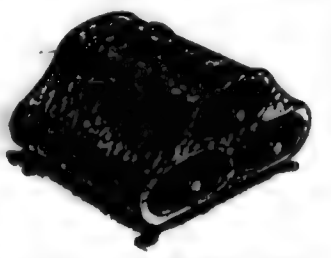
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INSURANCE OF YOUR PLANTS FROM FREEZING in cold weather may be obtained at trifling cost if you will use a

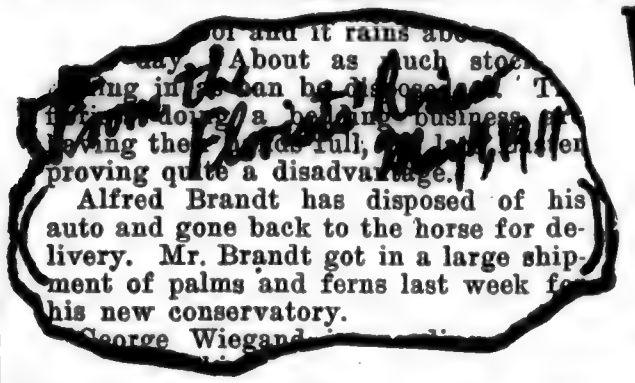
Lehman Wagon Heater



There is no danger of fire; no smoke, dirt or gases to injure the plants. They burn **Lehman Coal**, which costs less than half a cent per hour. **400,000 Lehman Heaters** are in use, which clearly shows they have merit. Florists everywhere use and recommend them **Have you one? Beware of imitations!** Write for circular telling more about them.

LEHMAN BROS.,
Manufacturers,
10 Bond St., NEW YORK

J. W. ERRINGER,
General Western Sales Agent,
20 E. Randolph St., CHICAGO, ILL.



...proving quite a disadvantage.

Alfred Brandt has disposed of his auto and gone back to the horse for delivery. Mr. Brandt got in a large shipment of palms and ferns last week for his new conservatory.

George Wiegand ...

Wagon Preferred

If you want to know all about **good** wagon construction and why **Armleder** Wagons are best for florists, write for catalogue.

The O. Armleder Co., CINCINNATI, OHIO

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Florists' Refrigerators

Write us for catalogue and prices, stating size you require and for what **kind of cut flowers** you wish to use the refrigerator; also state whether you want it for **display** or only for **storage.**

McCray Refrigerator Co. 368 Lake St. Kendallville, Ind.

WIRED TOOTHPICKS

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000.....$1.75 50,000.....$7.50

Sample Free. **For sale by dealers.**

Plants Sell Better



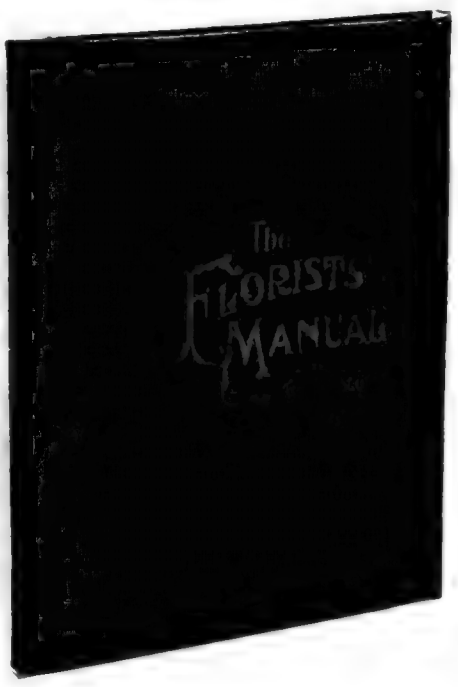
when the ugly clay pots are hidden by the attractive and artistic

EVER-READY POT COVERS

Strong cardboard foundation. Best quality waterproof crepe paper, silk fiber ribbon ties at top and bottom. Firmly held with improved metal fastenings. Furnished in four colors and many sizes. Write for samples and price list today.

EVER-READY FLOWER POT COVER CO.
146 Hughes Ave., Buffalo, N. Y

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A Business Book for Business Men

Second Edition

Thoroughly Revised and Brought up to Date

No dry-as-dust botanical classifications, but tells you just how to produce marketable plants and cut flowers in the best and cheapest way.

Treats of over 200 subjects and is freely illustrated with fine half-tone engravings.

Price, $5.00, prepaid by express or mail.

FLORISTS' PUBLISHING CO., Caxton Building, 508 So. Dearborn St. **CHICAGO**

Studebaker

DELIVERY WAGONS

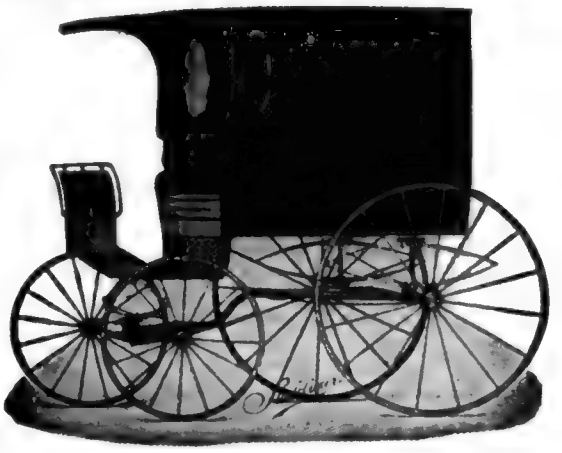
Are Made in Many Styles Particularly Adapted to Your Business.

Our catalogues and prices will interest you and help you make your selection.

DO YOU WANT THEM?

THE STUDEBAKER CORPORATION
SOUTH BEND, IND.

Advr. No. 1514.



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SPLIT CARNATIONS

Quickly, easily and cheaply mended. No tools required.

Pillsbury Carnation Staple
Patented 1908.
2000 for $1.00 postpaid.

I. L. PILLSBURY
GALESBURG, ILL.

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BUY YOUR FLORISTS' SUPPLIES FROM

L. BAUMANN & CO.

357-359 W. Chicago Ave., CHICAGO, ILL.

We have the largest and most complete stock, Sea Moss, or Japanese Air Plant; Natural prepared Ferns, Cycas Leaves, Magnolia Leaves, Cycas Wreaths, Magnolia Wreaths, Moss Wreaths, Metallic Designs and a big line of Novelties.

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YOU WHO WANT

Early Cuttings

Place your orders and get

IMMEDIATE DELIVERY

	Per 100	Per 1000		Per 100	Per 1000
Enchantress, White Enchantress, Beacon,	$3.00	$25.00	Gloriosa, Norwood,	$6.00	$50.00

Dorothy Gordon, $4.00 per 100; $35.00 per 1000
Perfection, - 3.50 per 100; 30.00 per 1000
Winsor, - $2.50 per 100; $20.00 per 1000
Rose-pink Enchant., 2.50 per 100; 20.00 per 1000

J. D. Thompson Carnation Co., Joliet, Ill.

Mention The Review when you write.

PROVIDENCE.

Trade Conditions.

The exceedingly cold weather of the last week has proved effective in almost entirely destroying any demand for flowers and in increasing the labors of the growers. During the week the temperature went the lowest in five years, as low as 28 below zero being reported at Woonsocket. Funeral work has kept things moving to a certain degree, and a few weddings and social functions have added their influence, but the week has been far from busy. Much difficulty was also experienced in making deliveries.

Various Notes.

Joseph Kopelman visited Boston twice last week.

A. Holscher is bringing in some fine tulips.

Johnston Bros. had the decorations for the annual charity ball at the Narragansett hotel.

F. Macrae & Sons lost a large number of lights of glass in the recent storm.

James Robertson, gardener for Mrs. T. O. Richardson, of Newport, has been invited to read a paper on dahlias, March 8, before the newly organized Horticultural Society at Greystone.

E. D. Tucker, formerly conducting the Mineral Spring Avenue Greenhouses, has opened a store on Broad street, Pawtucket.

J. A. Budlong & Son Co., at Auburn, cut all the ice they use at their large plant and last week began the harvesting at Blackamore pond, housing about thirty tons an hour. W. H. M.

Dobbs Ferry, N. Y.—Alex. McClelland has given up his business here and is now in Pasadena, Cal.

ROOTED ROSE CUTTINGS NOW READY

Kaiserin, per 100	$3.50	Per 1000	$25.00
Perles, per 100	3.50	Per 1000	25.00

All first-class stock, well rooted.

BASSETT & WASHBURN

Office and Store: 131 N. WABASH AVE., CHICAGO
Greenhouses: HINSDALE, ILL.

Mention The Review when you write.

Don't Delay Ordering

Benora Carnation

NOW, for seasonable delivery.

Write for descriptive circular. Cultural directions with each shipment.

$12.00 per 100; $100.00 per 1000.

PETER FISHER, Ellis, Mass.

Mention The Review when you write.

Rooted Carnation Cuttings

of up-to-date varieties
List on application

LITTLEFIELD & WYMAN
NORTH ABINGTON, MASS.

Always mention the Florists' Review when writing advertisers.

JOHN SCOTT
Rutland Road and E. 45th St.,
BROOKLYN, N. Y.

Palms, Ferns AND Decorative Plants

Mention The Review when you write.

THE NEW YELLOW FORCING ROSE SUNBURST



This magnificent, giant yellow rose has been tested for three years in our benches; it stands head and shoulders above all other sorts of its color and will rank with American Beauty and the Killarneys in value and grandeur—because

It has a long, pointed bud, which can be cut tight for market. It is pre-eminently a long-stemmed rose. The stem is always stiff. It is free in bottom breaks. Is extraordinarily vigorous and healthy. Belongs in the class of **Big Roses.** Its keeping qualities rank with the best. Buds shipped from Richmond last December opened up perfectly in both Philadelphia and New York, where it scored 90 before the Florists' Club.

The color is orange-copper or golden orange and golden yellow, all intense shades, extremely brilliant in effect.

Come and see it growing; we have 8,000 of it benched.

Does splendidly out of doors; will rank high as a bedder. At the Chicago show, 1910, it was awarded the silver cup for the best new rose never before exhibited, and the judges unanimously gave it honorable mention additional. Has created a sensation wherever shown.

Raised by M. Pernet-Ducher, from whom we bought the American rights.

We have divided our stock with Mr. C. H. Totty, of Madison, N. J., to give eastern growers a chance to see it growing. Will be distributed March 1 in America by C. H. Totty and The E. G. Hill Co. Mr. Pernet will distribute same date in Europe.

The American price is $30.00 per 100; $250.00 per 1000 (own roots); $5.00 per 100 additional for grafts

THE E. G. HILL CO., Wholesale Florists, RICHMOND, IND.

ROOTED CARNATION CUTTINGS

	Per 100	Per 1000
Alma Ward, white	$4.00	$35.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
Winsor, pink	3.00	25.00
Pink Enchantress	3.00	25.00
C. W. Ward, deep pink	4.00	35.00
Beacon, red	3.00	25.00

We have the cleanest stock in the West. If you want the best, then send us your early orders. We grow **only** the best commercial varieties, and save you that big freight and express charge from the East. Come any time and see us—and the flowers we grow.

W. H. Sawvel Floral Co.

115 Clinton Place, Kansas City, Mo.

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YOU Will find all the best offers all the time in the Review's Classified Advs.

The Best White Rose Ever Offered

WE SHALL DISSEMINATE

Double White Killarney

We Are Now Booking Orders For March Delivery.

It made a great record at the shows this fall. See it growing at The Budlong Rose Co., in Auburn, R. I., or with us at Cromwell.

Order now to be sure of early delivery.

A. N. PIERSON, Inc., Cromwell, Conn.

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Western Headquarters for Rose Plants — Poehlmann Bros. Co.

Double White Killarney (Poehlmann Strain), grafted stock, $30.00 per 100; $250.00 per 1000.

		100	1000
Grafted			
Pink and White Killarney	2½-inch,	$12.00	$100.00
Richmond	2½-inch,	12.00	100.00
Maryland	2½-inch,	12.00	100.00
Mrs. Aaron Ward	2½-inch,	14.00	120.00
Melody	2½-inch,	14.00	120.00
Mrs. Taft or Prince De Bulgarie	2½-inch,	14.00	120.00
Own Root			
Pink and White Killarney	2½-inch,	6.00	55.00
Maryland	2½-inch,	6.00	55.00
Richmond	2½-inch,	5.00	40.00

Orders are now booked for April, May, June and July delivery.
All goods sold for cash or 30 days on approved credit.

POEHLMANN BROS. CO. Wholesale Florists MORTON GROVE, ILL.

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YOU WILL FIND ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

G. DREYER

Tel. 228 Newtown Jackson Ave. ELMHURST, L. I.

DECORATIVE PLANTS

Pollworth Co. Stock Wins Again

3 First Prizes 3 Second Prizes

Out of 7 Entries at the Detroit Carnation Meeting.

If you want high grade cuttings we have the stock. White Perfection, Pure White Enchantress, Beacon, Dorothy Gordon, Alma Ward, Mrs. C. W. Ward, Enchantress, $3.00 per 100; $25.00 per 1000.

C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write.

CINCINNATI.

The Market.

The opening day of this week was much better than any day last week. It was, however, probably only a general replenishing on the part of the retailers that caused this demand. The extremely cold weather seems to have given the flower-buying public cold feet or some other such dread malady, for they surely are not turning out en masse to get blooms.

The dullness apparent in the shipping business in cut flowers immediately after the first of the year is disappearing and boxes are now again leaving on outbound trains with a most gratifying regularity. The demand from other towns for green goods, including cut ferns, plumosus and Sprengeri, has continued strong.

Every kind of seasonable flower can easily be had now in the market, and most of them at any hour before close each day. Even Killarney, which has been on the short side for some time, is easily available. The same is true of American Beauties, Richmond and white roses. The offerings of all varieties of carnations are sufficient for calls. Narcissi are selling slowly. Good single violets, lilies, callas and choice valley are the blooms that clean up quickly. In New York doubles practically only specials are being offered. Orchid offerings include some choice stock.

A few of the consignors to this market do not seem to realize that the thermometer has dropped below zero, and as a result some boxes have arrived in badly frosted condition.

Opinions have been expressed by many that as soon as the weather moderates business will again go on its busy way. If their forecasts are correct the market will undoubtedly be ready with a quantity of good stock. There has been much bright sunshine.

Various Notes.

C. E. Critchell has been getting some fine orchids from Fennel, the Cynthiana, Ky., grower.

Alex Ostendarp, of the Cincinnati Cut Flower Exchange, reports a heavy call for plumosus and Sprengeri.

The excellent Romans from Albert McCullough's own conservatories are finding a ready sale.

Martin Reukauf, representing Bayersdorfer & Co., Philadelphia, was in town on his fortnightly visit last week.

C. H. H.

Now Ready

ROOTED CUTTINGS

CARNATIONS

Strong, clean, healthy stock; well rooted.

	100	1000		100	1000
Beacon	**$2.50**	**$20.00**	**White Perfection**	**$2.00**	**$17.50**
White Enchantress	**2.50**	**20.00**	**Rose-pink Enchantress**	**2.00**	**17.50**
Enchantress	**2.00**	**17.50**			

PETER REINBERG

30 East Randolph Street CHICAGO

Mention The Review when you write.

ST. NICHOLAS

We recommend St. Nicholas as an **all season** scarlet carnation.

Not only is it grand at Xmas time, but it is fine in October and June.

You need only one variety in scarlet, if you will grow St. Nicholas.

Wherever we have shown it, it has always been conceded to be the best scarlet on show.

Visitors at our place invariably substantiate this claim.

What more can we do to convince you that St. Nicholas is the finest scarlet in sight?

We are booked up to late February. Send in your order now, for late February or early March.

BAUR & STEINKAMP

Carnation Breeders **Indianapolis, Ind.**

Always mention the Florists' Review when ordering stock.

The New Carnation, BROOKLYN

A Reincarnation of the Old William Scott, but embodying additional and more important qualities

THE NEW "HELEN" PINK A beautiful Deep Pink after the style of the old William Scott, lighter than Lawson, grand under artificial light. Highly built-up center, petals fringed, habit of growth all that could be desired. Very easy propagator, fastest growth of any Carnation. Flowers 3-in. and larger. **Preliminary scoring, New York Florists' Club, 86 points. "Certificate of Merit" Horticultural Society of New York. TO BE DISSEMINATED 1911-1912.**

ROOTED CUTTINGS, ready now, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate.

Charles Weber
GROWER
Lynbrook, Long Island, New York

R. G. WILSON
Fulton Street and Greene Avenue
BROOKLYN, N. Y.

CHAS. H. TOTTY
Madison, N. J.

THE NEW SCARLET COMMERCIAL CARNATION

DELHI

Has again made good as a Christmas crop. $8.00 per 100 was the price of the blooms. January cuttings all sold. Booking orders for early February delivery now. If you want a commercial carnation that will bloom when you want a red for the holidays, get Delhi.
Good strong cuttings, 100, $10.00; 1000, $75.00; 5000, $65.00 per 1000; 10,000, $60.00 per 1000. 250 at 1000 rate.

WM. MURPHY,
309 Main Street,
CINCINNATI, OHIO.

S. S. SKIDELSKY & CO.
1215 Betz Building,
PHILADELPHIA, PA.

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Hydrangea Otaksa

For Easter and Decoration Day

6-inch, pot-grown, well branched and set with flower buds.

Otaksa, with 5 and 6 branches, at $20.00 per 100; 4 branches at $15.00 per 100. **Souvenir de Claire,** fine pink, same color as Gloire de Lorraine Begonia, same price; also 7-10 branches latter variety, $25.00 per 100.

Jackson & Perkins Company
Wholesale Florists and Nurserymen
Newark, Wayne Co., New York State

Mention The Review when you write.

Rooted Cuttings

Begonias, flowering kinds, $1.75 per 100.
Verbenas, 70c per 100; $6.00 per 1000.
Pelargoniums, $2.50 per 100.
Ageratums, 60c per 100; $5.00 per 1000.
Daisies and **Salvias,** $1 per 100; $8 per 1000.
Petunias, $1.25 per 100; $10.00 per 1000.
Coleus, 70c per 100; $6.00 per 1000.

All good varieties and named.
Express paid on all rooted cuttings.
Cash with order.

S. D. BRANT, Clay Center, Kan.

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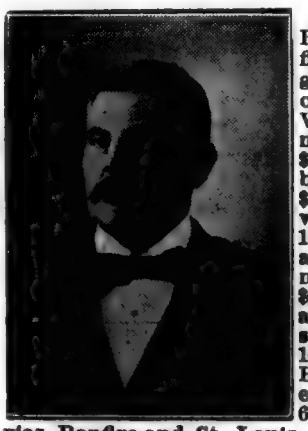
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Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade.

A. & C. Pearson, Lowdham, Nottingham, Eng.



Express Prepaid on Rooted Cuttings. The finest ever. Satisfaction guaranteed to all parts of the United States. Verbenas, the very best named varieties, 70c 100; $6 00 1000; Fuchsias, the best named varieties, $1.00 100; $9.00 1000; Feverfew, Little Gem, $1.25 100; $10.00 1000; Coleus, all the finest select named varieties, 70c 100; $6.00 1000; Alternantheras, red and yellow, very strong, 60c 100; $5.00 1000; Ageratum, Little Blue Star, Stella Gurney and Imperial White, 60c 100; $5 00 1000; Salvias, Bonfire and St. Louis, the leading varieties, $1.00 100; $7.00 1000; Sweet Alyssum, our big Double Giant, 80c 100; $6.00 1000. Daisy, White California, $1.00 100; $8.00 1000. 32,000 Vinca R. C., $1.00 100; $8.00 1000.

C. HUMFELD, Clay Center, Kan.

Mention The Review when you write.

Asparagus Plumosus, 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Asparagus Sprengeri, 2-in. pots, $2.00 per 100; 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Smilax, 3-in. $4.00 per 100.

Ferns. Boston, Whitmani, Scottii and **Scholzeli,** 4-in. pots, $2.00 per doz.; 5 in., $3.00 per doz.

Dracaena Indivisa, 3-in. pots, $4.00 per 100.

Daisies, white, Paris, Giant, 2½-in. pots, $3.00 per 100.

Clematis Paniculata, strong plants, 2-yr.-old, $10.00 per 100; 1-yr.-old plants, $5.00 per 100.

Hardy English Ivy, 4-in. pots, $10.00 per 100; 3-in. pots, $5.00 per 100.

C. EISELE
11th & Westmoreland Sts., Philadelphia, Pa.

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FERNS

4-inch, heavy stock, $12.00 per 100. Boston, Barrowsii and Elegantissima.
Also 2¼-inch Boston, $3.50 per 100.

Wagner Park Conservatories
SIDNEY, OHIO

FERNS---ROSES ....BEGONIAS....

Amerpohlii, Barrowsii, Scottii, Elegantissima, Boston, Jacksoni, Piersoni, Sword, Whitmani, 2½-in. pots, $4.00 per 100; 4-in., $15.00 per 100.

Rex Begonias, assorted varieties, 3-in. pot plants, $5.00 per 100; $45.00 per 1000.

Roses our specialty. Ask for quotations.

The Dingee & Conard Co., West Grove, Penna.

Mention The Review when you write.

ORCHIDS

We are now booking orders for the **Spring Importations.** Placing orders now insures to you an early delivery and **best results.**

Send for Catalogue.

G. L. FREEMAN, Wellfleet, Mass.

Mention The Review when you write.

ORCHIDS

Greatest quantity and variety in the country, and for all purposes. We are now booking orders for **freshly** imported stock for next year. Write for prices.

LAGER & HURRELL, Summit, N.J.

Mention The Review when you write.

Orchid Peat

(Osmunda Fiber)
Price list and samples on request.
The C. W. BROWNELL CO.
WALDEN, N. Y.

GLEN COVE, N. Y.

The regular monthly meeting of the Nassau County Horticultural Society was held at Pembroke hall January 10, President J. F. Johnson in the chair. A communication was read from the Moore Seed Co. offering a prize for cinerarias at our spring show. Edward S. Smith was elected to active membership.

The judges for the monthly competition were Messrs. Everett, Gray and Vert. They gave Alex. McKenzie first for twenty-five mixed carnations, for twenty-five sprays of sweet peas and for six spikes of snapdragon. Robert Marshall was first for cyclamen. H. Gaut received the thanks of the society for a display of rhubarb and G. Robinson a cultural certificate for freesia. The members were greatly interested in the freesia, the variety being new to many and the flowers exceedingly well grown.

The committee appointed to make arrangements for the annual dinner reported that it will be held at the Oriental hotel, Glen Cove, January 25. Messrs. Cliff and Everett were appointed to represent the society at the dinner of the Tarrytown Horticultural Society January 18.

The exhibits for February will be gardenias, mushrooms and freesias.

J. M.

OMAHA, NEB.

The Nebraska State Florists' Society is holding its annual meeting in this city this week, January 17 and 18. The purely floricultural part of the program, however, was expected to occupy only the first half day and was arranged as follows:

FORENOON SESSION.

9:00—"The Object of Growing Flowers," Lewis Henderson, Omaha.
"Temperature and Ventilation of Greenhouses," Edward Williams, Grand Island.
"Growing Chrysanthemums," Irwin Frey, Lincoln.
"Growing Violets," W. A. Dole, Beatrice.
"How to Destroy Insects and Fungous Diseases on Greenhouse Plants," C. H. Frey, Lincoln.
"Peonies for the Florist," C. H. Green, Fremont.
Question box.
Secretary's report.
Treasurer's report.
11:30—Business session; election of officers.

Utica, N. Y.—Mayor Frank J. Baker, Dr. W. A. Rowlands, J. C. Spencer, Henry Brant, Harry Mathews, William Pfeiffer and Frank McGowan, all local florists, went to Ilion January 10 to make an inspection of the Remington typewriter plant.

Cyclamen Cyclamen

Fine, in bud and bloom.
5-inch, 50c; 6-inch, 75c; 7-inch, $1.00

FERNS

Whitmani, Boston, Scholzeli,
5-inch.....25c 6-inch 40c

Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Mention The Review when you write.

FERNS FOR DISHES

Assorted varieties, 2¼-in pots, $3.50 per 100; $30 00 per 1000.

Asparagus Plumosus,
2¼-in. pots, $3 50 per 100; $30.00 per 1000; 3-in. pots, $6.00 per 100.

Cash with order. 500 at 1000 rate.

FRANK OECHSLIN. 4911 W. Quincy Street, CHICAGO, ILL.

Mention The Review when you write.

Seasonable Plants

At bargain prices, for immediate delivery, to make room for planting. All fine stock.

300 4-inch Boston Ferns, at 8c each.
300 4-inch Whitmani, at 8c each.
200 4-inch Genista, for Easter Blooming, at 10c each.
500 3-inch Adiantum Croweanum, at 10c each.
100 5-in. Jerusalem Cherries, right for February 22, at 12½c each.
2000 2¼-in. Killarney (now dormant), at $30.00, if taken at once.
2000 2¼-in. White Killarney (now dormant), at $30.00, if taken at once.
500 2-inch Mrs. Sander daisy (new), at 6c each.
5000 2¼-inch Godfrey Calla, at 3½c each.

Order at once—Cash.

FRED H. LEMON & CO., Richmond, Ind.

Mention The Review when you write.

Heacock's Palms and Ferns

HOME-GROWN—STRONG AND HEALTHY

Our Palm sales have increased more than 44% during the year 1911 over the sales of the previous year. We are still strong on the following sizes:

Areca Lutescens

	Plants	Height	Each
9-in. cedar tub	Several in tub	5 ft.	$7.50

Kentia Belmoreana

	Leaves	Height	Each	Doz.
2½-in. pot	4	8 to 10 in.		$ 1.50
3-in. pot	5	12 in.		2.00
5-in. pot	6 to 7	18 in.	$0.50	6.00
6-in. pot	6 to 7	24 in.	1.00	12.00
7-in. cedar tub	6 to 7	34 to 36 in.	2.50	30.00
7-in. cedar tub	6 to 7	36 to 38 in.	3.00	36 00
9-in. cedar tub	6 to 7	40 to 45 in.	4.00	48.00
9 in. cedar tub	6 to 7	42 to 48 in.	5.00	
9-in. cedar tub	6 to 7	48 to 54 in.	6.00	

Cocos Weddelliana

		Per 100
2½-in. pot,	8 to 10 in. high	$10.00

Made-up Kentia Forsteriana

	Height	Each	Doz.
7-in. cedar tub, 4 plants	36 in	$2.50	$30.00
7-in. cedar tub, 4 plants	36 to 40 in.	3.00	36.00
9-in. cedar tub, 4 plants	40 to 42 in.	4.00	48.00
9-in. cedar tub, 4 plants	42 to 48 in.	5.00	60.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
6-in. pot, 18 to 20-in. spread	1.50
7-in. cedar tub, 18 in. high, 24-in. spread	2.00

Cibotium Schiedei

9-in. cedar tub, 4-ft. spread	4.00
9-in. cedar tub, 5-ft. spread	5.00
9-in. cedar tub, 5 to 6-ft. spread	6.00

Joseph Heacock Co., Wyncote, Pa.

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From 4-inch pots, ready to shift to 5-inch, $30.00 per 100
From 6-inch pots, $60.00 per 100

5 % Discount for Cash

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CHINESE PRIMROSES, 4-in., full of bud and bloom, extra fancy mixed, $7.50 per 100.
PRIMULA OBCONICA, 4-in., mixed, full of bud and bloom, $5.00 per 100.
CINERARIAS, fancy mixed, 4-in. plants, $5.00 per 100.
ASPARAGUS SPRENGERI, large 4-in., $6.00 per 100.
CYCLAMEN, 3-in., 6 colors, $7.50 per 100.
SNAPDRAGONS, 3-in., white, pink, yellow, $5.00 per 100; $45.00 per 1000.
MARGUERITES, large 2½-in. plants, white and yellow, $2.25 per 100.
HELIOTROPES, 2½-in., 3 kinds, $2.50 per 100.
FUCHSIAS, 2½-in., 12 kinds, including Little Beauty and Storm King, $2.50 per 100.
PELARGONIUMS, Lady Lloyd, 2½-in., $4.00 per 100.
ALTERNANTHERAS, red and yellow, 2¼-in., $2.00 per 100; $18.00 per 1000.
ALTERNANTHERAS, Brilliancy, 3-in. plants, $3.00 per 100.
DOUBLE PETUNIAS, 3-in., 12 kinds, $5.00 per 100.
SMILAX, large 2½-in., $2.00 per 100.
GERANIUMS, 2½-in., in abundance. Poitevine, Grant, Ricard, Buchner, Montmore, Perkins, La Favorite, Roseleur, Nutt, etc., A-1 plants, $2.50 per 100; $22.50 per 1000.
CANNAS, 15 fancy kinds, mixed, $1.50 per 100; $14.00 per 1000.
CLIMBING CRIMSON BABY RAMBLER ROSE BUSHES, 4 or 5 branches, 3½ feet tall, 50 cents each; $4.00 per doz.
PURE GREENHOUSE FERTILIZER, $2.50 per bag.

FLOWER SEEDS.	Per Trade Pkt.
VERBENAS, extra fancy, mixed, $1.15 per oz.	25c
PETUNIAS, Single. All kinds mixed.	25c
PANSY, finest mixed,	25c
DUSTY MILLER	15c
VINCAS, mixed	15c
SWEET ALYSSUM	10c

Send your order now. This adv. may not appear again.

ALONZO J. BRYAN, Wholesale Florist,
Washington, New Jersey
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are the best selling plants on the market when in bloom. Flowers average larger than silver dollars, with long stems, on a well-grown plant. They are a sure money-maker for you. Extra strong, 3-in. stock, $5.00 per 100.
Cyclamen Giganteum, in bud, 4-in., $10.00 per 100; 3-in., $5.00 per 100.
Cinerarias, the largest flowering grown, strong 3-in., $3.50 per 100.
Asparagus Plumosus, large 3-in., $3.00 per 100; 2-in., $2.00 per 100. **Asparagus Sprengeri,** 2-in., $1.50 per 100.
Chinese Primrose, extra fine large flowering, 3-in., $4.00 per 100. **Rewensis Primrose,** sweet-scented, for cut flowers and pot plants, 3-in., $4.00 per 100.
These are all well-grown plants and will please you.
Cash, please.

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Nephrolepis Whitmani, Scottii and **Bostoniensis,** 6-in. pots, 35c each; 7-in., 75c each.
Asparagus Plumosus, 3-in., $5.00 per 100.
Cash with order.

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Feverfew, 2¼-in., $3.00 per 100.
Coleus, mixed, $2.50 per 100.
Godfrey Callas, 4-in., $6.00; 2¼-in. $4.00 100

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It is unnecessary to spend much time and money in setting forth the merits of our products. Our past introductions have (as every florist knows) been of the highest grade.
Our 1911 Novelties were the best offered last year.
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From 1¾-in. pots, $4.00 per 100.
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DECORATIVE and FLOWERING PLANTS

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Cyclamen Seedlings and R. C., Etc.

We have a fine lot of Cyclamen Seedlings, very good imported strain, to offer in 6 separate varieties, $1.50 per 100; $12.50 per 1000.

	Per 100	1000
Moonvines, white, R. C., extra fine and clean. We have 10,000 of these.	$1.50	$15.00
4000 **English Ivy,** R. C.	1.00	10.00
3000 **Lantanas,** R. C., in 3 varieties.	1.50	12.50
Hydrangea Otaksa, dormant, 3-in., $8.00 per 100; 4-in., $15.00 per 100; 5-in., $25.00 per 100.		

We solicit your patronage.

D. U. Augspurger & Sons Co.
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GROWER OF

PALMS, ETC.

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BOWLING

AT CLEVELAND.

The "Corsage Bouquets" had the Indian sign on the "Christmas Bells" when they met Monday evening, January 8, at the club alleys. The scores were as follows:

Corsage Bouquets.				Christmas Bells.			
C. Russell.	123	118	121	A. Lingr'n	127	137	119
L. And's'n.	154	146	115	R. Wasco.	103	...	95
H. Knoble.	123	146	128	J. Schmidt	131	122	128
T. Smith..	139	122	142	C. Zuske.	....	82	...
H. Bate...	127	188	133	G. Smith.	129	104	95
				C. Graham	165	198	192
Totals ..	666	720	639	Totals .	655	643	629

F. A. F.

AT SEATTLE.

When Tacoma met Seattle at the Imperial alleys, January 9, the following scores were rolled:

Tacoma	1st	2d	3d	Seattle	1st	2d	3d
Hinz	101	166	142	Stuber	107	93	114
Simpson ...	129	128	121	Buxton	165	234	192
Benthien ..	148	102	98	Holze	143	133	155
Tschunko ..	136	144	157	Christensen	98	113	82
Total....	514	540	518	Total....	513	573	543

T. W.

AT MILWAUKEE.

The Milwaukee bowlers made the following scores January 12:

Player.	1st.	2d.	3d.
Walter Halliday	117	135	129
Art. Leidiger	169	153	146
Roy Currie	140	153	154
L. Manus	128	116	115
G. Rusch	158	141	146
A. Hare	115	165	145
G. Hunkel	180	129	121
W. Schmitz	148	145	152
C. Gutbrod	139	179	104
F. Holton	...	158	114
P. Nohos	145	120	159
R. Leitz	125	125	120

AT CHICAGO.

The bowlers made the following scores January 10:

Roses	1st	2d	3d	Carnations	1st	2d	3d
Stack	152	134	162	Lorman	173	149	149
Welch	112	128	126	Ayers	158	170	178
Schloss'm'n	143	181	99	Schultz	143	151	155
Fischer	165	171	180	Balluff	178	154	160
Totals....	572	614	567	Totals....	652	624	642
Orchids	**1st**	**2d**	**3d**	**Violets**	**1st**	**2d**	**3d**
Huebner ...	190	159	149	Schloss'm'n	125	142	153
Graff	191	153	146	Winterson .	152	122	143
Krauss	155	132	157	Graff	191	—	—
Farley	145	175	167	A. Zech ...	155	204	162
Foerster ...	152	197	151	Swift	—	157	202
				Ponfount ..	—	160	161
Totals....	642	816	770	Totals....	623	785	821

Geneva, N. Y.—J. P. Welsh makes a specialty of bedding stock, having a contract for several thousands of geraniums for an out-of-town customer.

20% DISCOUNT ON PLANTS AND R. C. **Asp. Pl. Nanus**, 2-in., 2c; 3-in., 4c. **Alternantheras**, best red and yellow, R. C., 50c per 100. **Dracaena** Indivisa, 2-in., strong, 1½c. **Daisies**, giant marg., white and yellow, 2-in., 2c; **Double Hardy** Snowball and Longfellow, $2.00 per 1000. **Alyssum**, Double Giant, 2-in., 2c. **Fuchsias**, 5 kinds, R. C., $1.00 per 100; small, 3-in., bargain at 2c net. **Heliotropes**, blue, R. C., 70c per 100; 2-in., 1½c. **Primula**, Chinese, fringed, mixed and obc. grandif., mixed, 2-in., bud and bloom, 1¾c; 3-in., Chinese and obc. gigantea, in pink shades, 3c. **Salvias**, Bonfire and Splendens, R. C., 75c per 100.
Discount for Jan. Cash with order only.
E. W. Byer, Prop. S. Fl. Co., **Shippensburg, Pa.**
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WANTED---A CONSIGNOR of
HIGH-GRADE CARNATIONS
ALFRED M. CAMPBELL, Wholesale Florist
1510 Samson St., PHILADELPHIA
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Geraniums

We have a splendid assortment of standard varieties and novelties ready for immediate shipment, from 2-inch pots, at prices from $2.00 per 100, $18.50 per 1000, up to 50c each.

If you haven't our catalogue, send for it.

SPECIAL OFFER:

For Cash; we will send 1000, 50 each of 20 varieties, our selection, all good kinds, will include some Ivy-Leaved if desired, for **$18.50**; 6000 for **$105.00.**

	2-inch Per 100	3-inch Per 100
Scented Geraniums, Rose, Nutmeg, Lemon, etc.	$2.00	$3.00
Silver-Leaf S. A. Nutt, Mountain of Snow, Mrs. Pollock,	3.00	4.00
Ivy Leaved, Rycroft's Surprise, Mrs. Banks, etc.	2.00	3.00
Lobelia Kathleen Mallard	2.00	
Hardy English Ivy, strong stock		3.00
Double Petunias, mixed colors and white	2.00	3.00
Verbena, red, white, blue, pink and variegated	2.00	3.00
Lemon Verbena (Aloysia Citriodora)	2.00	3.00
Swainsona Alba	2.00	3.00
Tradescantia Zebrina Multicolor	3.00	
Coleus, 10 varieties, Verschaffeltii, Golden Bedder, etc.	2.00	3.00
Salvias, Bonfire, Zurich, propagated from cuttings	2.00	3.00

R. Vincent, Jr., & Sons Co., White Marsh, Md.

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STOCK ALWAYS NEEDED

Small Ferns for dishes—Pteris Mayii, Serrulata Cristata Variegata, Wimsetti, Cretica Albo-Lineata, $3.00 per 100, $25.00 per 1000.

Aspidium Tsussimense and Cyrtomium Falcatum, $3.50 per 100, $30.00 per 1000.

Asparagus Plumosus, 2½-in., $3.00 per 100, $25.00 per 1000.

Asparagus Sprengeri, 2½-in., $2.50 per 100, $22.00 per 1000.

Pandanus Utilis, 3-in., $10.00 per 100; 4-in., $20.00 per 100.

Cocos Weddelliana, 2½-in., $10.00 per 100.

Kentia Belmoreana and Forsteriana—Made-up and single plants, all sizes. Special value in made-up Forsteriana, 4 plants in 8-in. tubs, 40 to 44 in. high, $4.00 each; 8-in. tubs, 44 to 48 in. high, $5.00 each (very bushy).

Forcing Spiraea Clumps, extra quality. No better proposition for Easter or Memorial day.

Floribunda, $5.00 per 100; $45.00 per 1000.
Gladstone, $10.00 per 100; $90.00 per 1000.
Superba, $6.00 per 100.
Queen Alexandra, $12.00 per 100.
Blondine, $6.00 per 100.
Japonica, $4.00 per 100.

Genista Racemosa—6-in. pot plants, $25.00 per 100; very heavy 4-in. pot plants, at $15.00 per 100.

Hydrangea Otaksa—Fine pot grown plants, 5-in. pots, 2 to 3 flower shoots, $20.00 per 100.

BEDDING STOCK.

You will want to start soon.

Heliotropes. Czar, Czarina, Jersey Beauty, etc., $2.50 per 100; Centifleur (giant), $3.50 per 100.

Lantanas, 8 fine varieties, $3.00 per 100.

Coleus—Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.

Moonflower—Buy now to propagate from, $3.00 per 100.

Geraniums—Standard market sorts, established plants, $3.00 per 100, $25.00 per 1000.

Flowering Begonias, good assortment, $3.00 per 100.

Croton Aurea Maculata—3-in. pot plants, $8.00 per 100.

English Ivy—Strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.

Violet—Hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000.

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DAVID HERBERT & SON
ATCO, N. J.

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FINE STOCK FOR IMMEDIATE SHIPMENT.

Nephrolepis Giatrasii (the improved Scottii fern), 6-in., 75c each; 8-in., $1.50 each; 10-in., extra fine specimens, $3.00 to $5.00 each.
Nephrolepis Harrisii, 10-in., fine specimens, $3.00 to $5.00 each.
Nephrolepis Bostoniensis and Piersoni, 8-in., $1.00 and $1.50 each; 10-in., $3.00 and $4.00 each.
Nephrolepis Scottii, 6-in., 50c each; 8-in., $1.00 each; 10-in., $2.50 each.
Nephrolepis Elegantissima, 8-in., $1.00 and $1.50 each; 12-in., $5.00 and $7.50 each.
Nephrolepis Superbissima, 10-in., $3.00 each.
Nephrolepis Viridissima. 3½-in., 25c each; 6-in., 50c and 75c each; 8-in., $1.00 each; 10-in., $3.00 each
Nephrolepis Magnifica and Elegantissima Compacta, 3½-in., 25c each.

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We offer a fine strain, from one of the best European growers. Bulbs are first-class, running 1¼ inch and up in diameter. Separate colors; white, pink, scarlet, yellow and crimson. **Double,** $4.00 per 100; $35.00 per 1000; **Single,** $2.50 per 100; $22.50 per 1000.

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We offer a very fine strain, embracing an unusual proportion of spotted, white, pink and other choice colors. **Finest mixed,** $3.00 per 100; $25.00 per 1000; **Separate colors,** white, red, blue, blue bordered white, $3.50 per 100.

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Gladstone, case of 100 clumps, $10.00. **Compacta Multiflora and Astilboides Floribunda,** case of 100 clumps, $6.00. **Japonica,** case of 100 clumps, $5.00.

POT-GROWN LILACS FOR FORCING

Marie Le Graye (single white), **Chas. X** (reddish purple), extra fine plants, well budded, $9.00 per dozen.

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Pot-Grown Ferns

NEPHROLEPIS

Scottii, Whitmani, Bostoniensis, Piersoni
4-inch, 15c each; 5-inch, 25c each; 6-inch, 50c each; 7-inch, 75c each; 8-inch, $1.00 each.
Large plants .....$1.50 to $3.00 each

CIBOTIUM SCHIEDEI

7-inch $2.00
9-inch 5.00
10-inch tub 7.50

PALMS

Areca Lutescens, 3-inch, 15c; 4-inch, 25c; 6-inch, $1.00; 9-inch, $5.00; 10-inch tub, $6.00.
Latania Borbonica, 4-inch, 20c; 5-inch, 30c.
Kentia Forsteriana—
4-inch pots.....$25.00 and $35.00 per 100
5-inch pots..... 50.00 and 75.00 per 100
6-inch pots..... 1.00 each
7-inch pots..... 2.50 each. Fine plants.
Kentia Forsteriana—
Combination .....$3.00 to $15.00 each
Kentia Belmoreana—
3-inch pots .....$18.00 per 100
4-inch pots .....$25.00 and 35.00 per 100
5-inch pots ..... 50.00 and 75.00 per 100
Kentia Belmoreana—
Larger plants,.....from $2.50 to $10.00 each
Cocos Weddelliana, 2½-inch pots..$15.00 per 100

FICUS PANDURATA

5-inch $0.75
6-inch 1.50
8-inch 3.00

FICUS ELASTICA

4-inch $0.25
5-inch ..... .35
6-inch .....50c and .75
7-inch .....75c and 1.00

DRACAENA MASSANGEANA

5-inch $1.00
6-inch 1.50
7-inch 2.50
8-inch 3.00

DRACAENA TERMINALIS

4-inch $0.35
5-inch ..... .50

DRACAENA LORD WOLSELEY

4-inch $0.35
5-inch ..... .75

PANDANUS VEITCHII

4-inch $0.50
5-inch ..... .75
6-inch 1.00
7-inch 1.50
8-inch 2.00

ASPIDISTRAS

Variegated, 5-inch, strong.....$1.25
Green, 6-inch, strong..... 1.00

ARAUCARIAS

Compacta, 5-inch $1.25
Compacta, 6-inch 1.75
Excelsa, 5-inch ..... .50
Excelsa, 6-inch .....75c and 1.00

CHINESE PRIMROSES

4-inch $0.10
5-inch ..... .20

PRIMULA OBCONICA

4-inch $0.10
5-inch ..... .25

ASPARAGUS SPRENGERI

2¼-inch.....$3.00 per 100

ASPARAGUS PLUMOSUS

2¼-inch $0.04

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1826 Rialto St., N. S., PITTSBURGH, PA

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ROOSEVELT.

	2½-in. 100	4-in. 100	5-in. 100	6-in. 100
Boston	$3.50	$12.00	$25.00	$40.00
Whitmani	3.50	12.00	25.00	40.00
Tedescoides	3.50	12.00	25.00	40.00
Scottii			25.00	40.00

Asparagus Plumosus, 2-in., $2.00 per 100; $18.00 per 1000; 2½-in., $3.50 per 100; $30.00 per 1000; 3-in., $5.00 per 100; $45.00 per 1000.

	Per 100
Coleus Christmas Gem	$2.50

Roosevelt Ferns

This fern will undoubtedly take the place of Boston in the near future. It is a faster grower, makes twice the runners and finishes up into a large plant in shorter time. 2½-inch, $2.50 per dozen; $17.50 per 100; $150.00 per 1000.

	Per 100
Violets, Wales	$2.50
German Iris, Florentina Alba, earliest large-flowering Iris	2.50
Iris Pallida Dalmatica, lavender, shaded blue	8.00

Clematis Paniculata, 2-in., $2.50 per 100; $20.00 per 1000; field, 1-year, $4.00 per 100; 2-year, $8.00 per 100.
Phlox Miss Lingard, field clumps, $4.00 per 100; $35.00 per 1000.

THE REESER PLANT CO., Exclusively Wholesale Plantsmen SPRINGFIELD, OHIO

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ARAUCARIAS, FERNS, PALMS

We have to offer, in prime condition, a large stock of ARAUCARIA EXCELSA, 50c up to $1.25; ROBUSTA COMPACTA, EXCELSA GLAUCA, $1.00 up to $2.00

FERNS.—SCOTTII, WHITMANI, BOSTON, SCHOLZELI and GIATRASII, 5½, 6 and 7-inch sizes, 35c, 40c, 50c, 75c to $1.00

RUBBER PLANTS, 6 and 7-in. pots, 25 to 35 in. high, 35c, 40c, 50c, 75c to $1.00.

20,000 ASPARAGUS PLUMOSUS, 2½, 3 and 4-in., 3c, 5c and 10c; SPRENGERI, 4-in., 10c.

KENTIAS, BELMOREANA AND FORSTERIANA, single, 50c, 75c, $1.00, $1.25, $1.50 to $2.00. KENTIA BELMOREANA, made up, 60c, 75c to $1.00.

LATANIA BORBONICA, 7-in., 30 to 35 in. high, 8 leaves, 75c to $1.00; made up, 6-in., 30 in. high, 50c.

ARECA LUTESCENS, 4-in., made up of 3 plants, 15c, 25c; 5¼ in., 25c.

COCOS WEDDELLIANA, 3-in., 15c; 4-in., 20c.

GODFREY ASCHMANN, Wholesale Florist 1012 W. Ontario Street, Philadelphia, Pa.

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40,000 S. A. NUTT

To be disposed of at once to make room for later stock; consisting of 2½-inch and 3½-inch, all ready to shift. They are strong and healthy plants.

We also have about **12,000 Mixed Plants** (mixed by mistake), that we are offering at a bargain; they are unnamed, but consist of single and double white, single and double pink and single and double red. Write for prices.

The Meredith Flower & Vegetable Co., LIBERTYVILLE, ILL.

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Rate for advertising in this department 10 cents a line net, per insertion.

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Achyranthes Lindenii and Emersonii. Rooted cuttings, $1.00 per 100; 2½-in., 2½c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

500 2-in. achyranthes, $2.00.
Mercer Floral Co., Bowling Green, O.

AGERATUMS.

Ageratum Inimitable, the largest flowering, dwarfest and best of all. Rooted cuttings, $1.00 per 100; $8.00 per 1000. Cash with order. See my cyclamen, Godfrey calla and rooted coleus advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

Ageratum Little Blue Star, rooted cuttings, 50c 100, $4.00 1000; 2-in., in bloom, 2c. Cash. Mail, 10c per 100.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Ageratum Blue Star, 2-in., extra fine, ready for shift, 2c. May Bradley, Elwood, Ind.

Ageratum Stella Gurney rooted cuttings, 50c 100; $4.00 1000. C. H. Jacobs, Westfield, Mass.

Ageratum Stella Gurney, blue; R. C., 75c per 100. John Irvine & Sons, Bay City, Mich.

Ageratum Stella Gurney R. C., 50c 100; $4.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

ALTERNANTHERAS.

ALTERNANTHERA JEWEL.
Stock plants, 2½-in., $20.00 per 1000; rooted cuttings, $10.00 per 1000. This is by far the finest alternanthera in sight, and you should stock up now for spring sales.
Chas. H. Totty, Madison, N. J.

Alternantheras in all colors, 2½-in., extra large, 2½c.
Meredith Flower & Vegetable Co.,
Libertyville, Ill.

Alternantheras, red, green and yellow. Strong R. C., 50c 100; $4.00 1000; 2¼-in., 2c. Ready now.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Alternanthera rooted cuttings, red, yellow, Brilliantissima, 50c per 100; $4.00 per 1000. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Alternanthera cuttings, well rooted, strong, bushy, 50c 100; $4.00 1,000.
J. A. Keeney, Monongahela, Pa.

Alternantheras, red and yellow. Rooted cuttings, 50c per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Alternantheras, 2½-in., 2c. Cash.
Truitt's Greenhouses, Chanute, Kan.

Alternantheras, red and yellow; R. C., 70c per 100. John Irvine & Sons, Bay City, Mich.

ALYSSUM.

Alyssum, double giant, 2¼-in., 2c. Rooted cuttings, 50c per 100, $4.00 per 1000; if by mail 10c per 100 extra. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Alyssum, double giant. R. C., 60c 100; 2-in., fine plants ready for shift, 2c.
May Bradley, Elwood, Ind.

Alyssum, double giant; R. C., 75c per 100.
John Irvine & Sons, Bay City, Mich.

Sweet alyssum, 2½-in., 2c. Cash.
Truitt's Greenhouses, Chanute, Kan.

AMARYLLIS.

Amaryllis, best and largest flowering hybrids in blooming size, $10.00 100, free by express.
H. Krinke & Son, St. Paul, Minn.

AMPELOPSIS.

AMPELOPSIS VEITCHII.
Boston Ivy.
Extra strong 3-yr. transplanted, heavy 3 to 5 ft. tops and roots, $2.00 per doz., $10.00 per 100. Strong 1-yr., 18 to 24-in. tops, $1.50 per 25; $2.00 per 50, by mail; $3.00 per 100, $25.00 per 1,000 by express.
Chas. Black, Hightstown, N. J.

Ampelopsis Veitchii, transplanted and extra fine, 2½ to 4 ft. tops, $1.50 per doz.; $9.00 per 100. Southside Nurseries, Chester, Va.

AQUATICS.

Water plants of all descriptions. Cabomba (fish grass), $15.00 per 100 lbs.; less than 10 lbs., 25c per lb.
B. M. Wichers & Co., Gretna, La.

ARAUCARIAS.

Araucarias, 5-in., $6.00 per doz.; $45.00 per 100. Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS.

Asparagus plumosus to close out, 3-in., ready for 4 and 5-in., $5.50 per 100; $50.00 per 1000. Asparagus Sprengeri, 3-in., ready for 5-in., $5.00 per 100; $45.00 per 1000.
Swan Peterson Floral Co., Gibson City, Ill.

Asparagus plumosus from 3-inch pots, express prepaid, $4.50 per 100; extra large plants from the field, good for 8 to 10-inch pots, $22.50 per 100. Cash with order.
Diamond Hill Nursery,
763 S. Boyle Ave., Los Angeles, Calif.

Asparagus Sprengeri. We have good bushy young plants grown in bench, that are ready for 3 and 4-in. pots or benching, at $5.00 per 100; $40.00 per 1000. Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses, Dayton, O.

Asparagus plumosus, big, strong plants, 2½-in., $4.00 per 100, $35.00 per 1000; 3-in., $6.00 per 100, $50.00 per 1000. A. Sprengeri, 2½-in., $4.00 per 100; $35.00 per 1000.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Asparagus plumosus nanus, from 2¼-in. pots, $2.50 per 100, $22.50 per 1000; 3-in. pots, $5.00 per 100, $45.00 per 1000. Cash with order, please.
FLORAL HILL GARDENS,
G. F. Neipp, Prop. Chatham, N. Y.

10,000 Asparagus plumosus, extra strong 2½-in., $2.50 per 100; $22.00 per 1000. 6000 A. Sprengeri, strong, bushy, $2.00 per 100; $18.00 per 1000. Cash.
Daut Bros., 825 N. Water St., Decatur, Ill.

Asparagus plumosus, heavy, 2¼-in., $3.00 per 100; heavy 3-in., $6.00 per 100. A. Sprengeri, 2¼-in., $2.00 per 100; 3-in., $5.00 per 100. All good stock.
P. Pearson, 5734 Gunnison St., Chicago.

NICE PLUMOSUS.
2-in., $2.50; 3-in., $5.00; 4-in., $12.00.
SPRENGERI.
2½-in., $2.50; 3-in., $5.00.
Gullett & Sons, Lincoln, Ill.

Asparagus plumosus, strong 3-in., ready for shift to 4-in., $4.50 per 100. These are excellent plants, but we must have room. Cash, please. Besser Floral Co., 232 N. Colorado Ave., Kansas City, Mo.

Asparagus plumosus, strong and healthy, 3½-in., ready for 4-in., 5c. Asparagus Sprengeri, 3-in., fine, 3c; 4-in., extra strong, 8c.
Meredith Flower & Vegetable Co.,
Libertyville, Ill.

Asparagus plumosus, extra strong seedlings, $1.50 100. Asparagus Sprengeri, strong seedlings, $1.25 100; $12.00 1000.
Rober & Radke, Maywood, Ill.

Asparagus Sprengeri, strong plants ready for shift at once, 2¼-in., $2.00 per 100, $17.00 per 1000; 3-in., $3.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Asparagus plumosus seedlings from greenhouse grown seed. $10.00 per 1000; 2¼-in., $3.00 per 100, $25.00 per 1000.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Asparagus plumosus, extra strong, from 2-in. pots, $2.50 per 100, $22.00 per 1000; 2½-in., $3.00 per 100, $26.00 per 1000. A. Sprengeri, 2½-in., $3.00 per 100. Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, 2¼-in. pots, $3.50 per 100, $30.00 per 1000; 3-in. pots, $6.00 per 100. Cash with order. 500 at 1000 rate.
Frank Oechslin, 4911 W. Quincy St., Chicago.

ASPARAGUS PLUMOSUS NANUS.
CUT STRINGS, 8 FT. LONG,
50c EACH.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, 2½-in., $3.00 per 100; $25.00 per 1000. Asparagus Sprengeri, 2½-in., $2.50 per 100; $22.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Asparagus plumosus, strong plants, 2½-in., $3.00 per 100; 4-in., $8.00 per 100. Asparagus Sprengeri, 2½-in., $2.50 per 100; 3-in., $4.00 per 100. Schmidt & Botley Co., Springfield, O.

Asparagus Sprengeri, 3-in., strong, ready for shift, $3.50 per 100. Cash, please.
W. H. Troyer, Elkhart, Ind.

Asparagus Sprengeri, 2¼-in., extra strong, $2.00 per 100; 3-in., $5.00 per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Asparagus plumosus, 3-in., 6c. A. Sprengeri, 3-in., 4c; 4-in., 6c; 5-in., 12c.
Schneider, Florist, Springfield, Ohio.

Asparagus plumosus, strong plants, 2½-in., $3.00 per 100; $25.00 per 1000. Cash.
W. B. Girvin, Leola, Pa.

Asparagus Sprengeri, 3-in., $3.00 per 100; 200 for $5.00.
Whitton & Sons, City & Green, Utica, N. Y.

Asparagus Sprengeri, extra strong 2½-in., ready for benching, $3.00 per 100; $27.50 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Asparagus Sprengeri, 2¼-in. pots, $2.00 100; 4-in., $8.00 100; 5-in., $15.00 100.
Willis W. Kinyon, South Bend, Ind.

Asparagus plumosus nanus, 2-in., 2c. Asparagus Sprengeri, 2-in., 2c; 3-in., 3c.
U. G. Harglerode, Shippensburg, Pa.

200 surplus 4-in. Asparagus plumosus, extra fine plants, equal to 5 or 6-in., $12.00 per 100.
Chas. L. Smith, Penn Grove, N. J.

Asparagus Sprengeri, 2-in., strong, $2.00 100. A. plumosus, 3-in., $4.00 100.
J. W. Ross Co., Centralia, Ill.

Asparagus plumosus, 3-in., 5c.
Hammerschmidt & Clark, Medina, Ohio.

Asparagus plumosus, $2.00 per 100; $17.50 per 1000. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus, fine. See display adv.
J. W. Miller, Shiremanstown, Pa.

Asparagus plumosus, good stock, $25.00 per 1000. Albert M. Herr, Lancaster, Pa.

SEE UNDER SEEDS. Benj. J. Passmore.

BAY TREES.

Bay trees (standards), fine assortment, sizes 12 to 48 in. crowns. Price, $2.50 to $25.00 each. Let us know your wants.
Wagner Park Conservatories, Sidney, Ohio.

Bay trees and box trees, all sizes.
Write for special list.
Julius Roehrs Co., Rutherford, N. J.

Bay trees. Fine selection. Write for prices.
Holton & Hunkel Co., Milwaukee, Wis.

BEGONIAS.

Blooming begonias in assortment, $2.50 per 100. Rex begonias in assortment, $4.00 per 100; 2½-in., large, $6.00 per 100; 4-in., fine plants, $2.50 per doz. Some fine stock of my new special Rex begonias, Emerald Queen and Bronze King, 2-in., $6.00 per 100; 2½-in., $8.00; 4-in., fine plants, 35c each, $4.00 per doz.
N. O. Caswell, Delavan, Ill.

Begonia Lorraine, exceptionally well developed plants, ready for immediate retail sales, 6-in., 60c each; 7-in., 75c each.
Baur Floral Co., Erie, Pa.

Begonias, luminosa, Erfordii, Vernon, transplanted seedlings, $1.25 100. Erfordii, 2½-in., $2.50 100. Cash, please.
Rober & Radke, Maywood, Ill.

Begonias, Marguerite, argenteo-guttata, Dewdrop, white and pink form of luminosa, Thurstoni and robusta, 2¼-in., $3.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

Begonias, assorted, 2½-in., $1.50 per 100; 4-in., $5.00 per 100. Cash.
Truitt's Greenhouses, Chanute, Kan.

Begonias, assorted 3-in., $4.00 100. Fern leaf or Washingtoniensis, R. C., $1.00 100; $8.00 1000. J. W. Ross Co., Centralia, Ill.

Feastii begonia, 2-in., $1.50 per 100; 3-in., $2.00 per 100. Cosh.
Loyd C. Bunch, Fredonia, Kan.

Rex begonias, strong 2-in., fine varieties, 4c; $35.00 per 1000.
Williams & Clark Floral Co., Muncie, Ind.

REX BEGONIAS my specialty. Largest collection, $5.00 per 100.
B. C. BLAKE, Springfield, O.

Feastii Bunchii begonias, 4-in., $10.00 per 100. Cash. Loyd C. Bunch, Fredonia, Kan.

Flowering begonias, good assortment, $3.00 per 100. Storrs & Harrison Co., Painesville, O.

Rex begonias in variety, 2¼-in., 75c per doz.; $5.00 per 100. G. E. Fink, Kentlworth, N. J.

BERRIED PLANTS.

Jerusalem cherries, 200 bushy, well berried plants, to close out, $6.00 per 100; the lot, $10.00. H. B. Snow, Camden, New York.

Christmas peppers, 4-in., $10.00 per 100. Cash. Marion Floral Co., Marion, Ind.

BOUVARDIAS.

Bouvardia stock plants, single; red, white and pink, $20.00 per 100.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Bouvardia stock plants. B. Humboldtii and rosea grandiflora, $3.00 per doz.; $20.00 per 100. Cash with order. Blondeel, Oak Park, Ill.

BROWALLIAS.

Browallias, white and blue, 2¼-in., $3.00 per 100. Schmidt & Botley Co., Springfield, Ohio.

BULBS.

Bulbs of all descriptions. Write for catalogue and prices.
C. Keur & Sons, Hillegom, Holland,
New York Branch, 25 W. Broadway.

Bulbs. Amaryllis Belladonna, 3 in. diameter, $6.00; 4 in. diameter, $9.00. Cannas, mixed, red, crimson and yellow, $2.00 per 100.
Pioneer Nursery, Dept. F., Monrovia, Calif.

CALLAS.

Some fine stock of Godfrey callas from stock of the first distributor; the one to grow for paying results. 2½-in. plants, will soon make blooming plants, at $5.00 per 100, $45.00 per 1000. Also a lot of started plants in flats, for prices of which write. N. O. Caswell, Delavan, Ill.

Godfrey callas bring 3 flowers to 1 of the common, and bloom from 3-in. pots; 3-in., $6.00 per 100. Cash with order. See my cyclamen, ageratum and coleus advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

Dwarf calla, Little Godfrey, gives three times the number of flowers in the same space than old ones; they bloom in 3-in. pots. Plants in 2-in. pots, $4.00 per 100. Cash. Try a few.
John F. Sabransky, Kenton, O.

Godfrey callas. We have the following sizes left; 75 in 2½-in. pots, 24 in 3-in. pots, 26 in 3½-in. pots, 125 plants; $5.50 cash takes the lot.
The Newburys, Mitchell, S. D.

Godfrey callas, 2-in., $2.50 per 100.
H. Hills, Elkhart, Ind.

Callas, good flowering strain; strong from flats, $1.00 per 100. Bell Floral Co., Franklin, Pa.

CANNAS.

Cannas. Crimson Bedder, Paul Marquant, Burbank, Duke of Marlborough, Pfitzer's Meteor, A. Bouvier, $1.25 per 100; $11.50 per 1000. Pennsylvania, Alsace, Beaute Poitevine, Souv. d'A. Crozy, Chas. Henderson, $1.50 per 100; $14.00 per 1000. Order now for present or future shipment. Ford Seed Co., Dept. 76, Ravenna, O.

Cannas. Florence Vaughan, Chas. Henderson and Austria, $1.50 per 100. King Humbert and Robusta, $3.00 per 100. Black Beauty and America, $2.00 per 100.
Wm. Eschrich Co., North Milwaukee, Wis.

Cannas, Chas. Henderson, Egandale, Ant. Crozy, Bouvier and Queen Charlotte, $20.00 per 1,000. King Humbert, $3.00 100; $25.00 1,000.
Jas. Ambacher, West End, N. J.

THE IMPROVED CANNA.

64 varieties, including Mrs. A. F. Conard and the finest new ones. Send for price list.
Conard & Jones Co., West Grove, Pa.

Canna C. Henderson. Dry bulbs, 1 to 3 eyes, $2.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

CARNATIONS.

ROOTED CARNATION CUTTINGS.

All cuttings have our guarantee back of them.

	Per 100	Per 1000
Wodenethe	$12.00	$100.00
Afterglow	3.00	25.00
Beacon	4.00	30.00
Bonfire	6.00	50.00
Enchantress	3.00	25.00
Gloriosa	6.00	50.00
Princess Charming	6.00	50.00
Rosette	12.00	100.00
Rose-pink Enchantress	3.00	25.00
Mrs. Ward	4.00	30.00
Washington	6.00	50.00
White Enchantress	4.00	30.00
White Perfection	3.00	25.00
White Wonder	6.00	50.00
Winsor	3.00	25.00
St. Nicholas	12.00	100.00
Comfort	6.00	50.00
Brooklyn	12.00	100.00
Dorothy Gordon	4.00	35.00
Pennsylvania	3.50	30.00

S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Carnation cuttings from most reliable growers. Satisfaction assured.

	100	1000
White Wonder and Gloriosa	$6.00	$50.00
Pink Delight (March delivery)	5.00	40.00
White Enchantress, White Perfection	3.00	25.00
Enchantress, R. P. Enchantress	3.00	25.00
Mrs. C. W. Ward (pink)	3.50	30.00
Beacon (selected stock)	3.50	30.00

R. J. Irwin, 3097 Broadway, New York, N. Y.

CARNATION CUTTINGS READY FOR SHIPMENT.

	100	1000
Enchantress	$2.00	$17.50
White Enchantress	2.00	17.50
Lady Bountiful	2.00	17.50
White Perfection	2.00	17.50
White Wonder	8.00	65.00
Harlawarden	1.50	12.50
Beacon	3.00	25.00
Sangamo	3.00	25.00
Dorothy Gordon	3.00	25.00
Andrew Carnegie	1.50	12.50
Winsor	2.00	15.00
J. W. Riley	6.00	50.00

CASH WITH ORDER, OR REFERENCE.
Hollywood Gardens, 1534 Second Ave., Seattle, Wash.

CARNATION ROOTED CUTTINGS.

If you have cool house in which to keep them you can make your carnations pay you ⅓ more by getting your stock early. The following are the best paying varieties for the grower on the market today. Our stock is strictly first-class in every respect. Instructions to care for plants with every order.

	100	1000
Light Pink Enchantress	$3.00	$25.00
Dark Pink Enchantress	3.00	25.00
Pure White Enchantress	3.00	25.00
Dorothy Gordon, pink	3.00	25.00
Mrs. C. W. Ward, pink	3.00	25.00
White Wonder	6.00	50.00

250 at 1000 rate. Cash or reference.
Smith & Gannett, Geneva, N. Y.

CARNATION ROOTED CUTTINGS.

Best cuttings obtainable, from strong, vigorous plants.

	100	1000
White Wonder	$6.00	$50.00
Gloriosa	6.00	50.00
Rose-pink Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
Lawson-Enchantress	2.50	20.00
White Perfection	3.00	25.00
Sangamo	3.00	25.00
Victory	3.00	25.00

2 and 2¼-in. pot plants, $5.00 per 100 extra.
Rolf Zetlitz, Lima, Ohio.

CARNATION CUTTINGS.

Clean, healthy and well rooted stock.

	Per 100	Per 1000
White Wonder	$6.00	$50.00
Washington	6.00	50.00
Gloriosa	6.00	50.00
Dorothy Gordon	4.00	35.00
Pink Delight	5.00	40.00
Beacon	4.00	30.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00

Cash with order. Satisfaction guaranteed.
MIAMI FLORAL CO.,
Geo. Bartholomew, Mgr.
24 N. Main St., Dayton, O.

CARNATION ROOTED CUTTINGS.

Strong, clean, healthy stock.

Enchantress	$25.00 per 1000
Rose-pink Enchantress	25.00 per 1000
White Enchantress	25.00 per 1000
Dorothy Gordon	25.00 per 1000
Scarlet Glow	25.00 per 1000
O. P. Bassett	25.00 per 1000
Beacon	25.00 per 1000
White Wonder	50.00 per 1000
Washington	50.00 per 1000
Bright Spot	50.00 per 1000

A. JABLONSKY,
Olivette, St. Louis County, Mo.

ROOTED CARNATION CUTTINGS.

	100.	1000
White Wonder	$6.00	$50.00
Beacon	4.00	30.00
Gloriosa	6.00	50.00
Dorothy Gordon	4.00	30.00
Enchantress	3.00	25.00
Mrs. Ward	4.00	30.00
May Day	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Scarlet Glow	3.00	25.00
Victory	3.00	25.00
White Enchantress	3.00	25.00

G. Van Bochove & Bro., Kalamazoo, Mich.

CARNATION ROOTED CUTTINGS.

Immediate Delivery.

	100	1000
Gloriosa	$6.00	$50.00
Norwood	6.00	50.00
Dorothy Gordon	4.00	35.00
White Perfection	3.50	30.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
Beacon	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Winsor	2.50	20.00

Thompson Carnation Co., Joliet, Ill.

ROOTED CARNATION CUTTINGS.

	100	1000
White Enchantress	$3.50	$30.00
Mrs. Ward	3.50	30.00
Alma Ward	3.50	30.00
Beacon	3.50	30.00
Enchantress	3.00	25.00
White Perfection	3.00	25.00
Winona	3.00	25.00

Absolutely no disease, rooted cool.
Sarah I. Smith, Secane, Del. Co., Pa., or Edw. Reid, 1619-21 Ranstead St., Philadelphia.

Carnations. Enchantress, now ready, $2.00 per 100; $18.00 per 1000. White Enchantress, $2.50 per 100; $20.00 per 1000. Princess Charming, $5.00 per 100. May Day, $2.50 per 100.
Jas. Wheeler, Florist, Natick, Mass.

ROOTED CARNATION CUTTINGS.

Enchantress	$2.00 100;	$18.00 1000
Pure White Enchantress	2.00 100;	18.00 1000
Rose-pink Enchantress	2.00 100;	18.00 1000
Sangamo	1.75 100;	15.00 1000
May Day	1.75 100;	15.00 1000
Winsor	1.50 100;	12.50 1000
M. A. Patten	1.50 100;	12.50 1000

Cash or C. O. D.
MILLER BROTHERS,
(Formerly John H. Miller)
5558 N. Lincoln St., Chicago.

Rooted cuttings of carnations for immediate and future delivery, guaranteed to give satisfaction.

White Enchantress	$3.00 100;	$25.00 1000
Enchantress	3.00 100;	25.00 1000
Beacon	3.00 100;	25.00 1000
Victory	3.00 100;	25.00 1000
Mrs. C. W. Ward	3.00 100;	25.00 1000
Dorothy Gordon	3.00 100;	25.00 1000
Rose-pink Enchantress	3.00 100;	25.00 1000

Chas. Knopf Floral Co., Richmond, Ind.

ROOTED CARNATION CUTTINGS.

	100	1000
Enchantress	$3.00	$25.00
Rose-pink Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Beacon	3.00	25.00
May Day	3.00	25.00
Winsor	2.50	20.00
White Perfection	3.00	25.00

Cool grown, strong, well rooted cuttings.
Warrick Bros., 498 Locust Ave., Washington, Pa.

FINE CARNATION CUTTINGS
WELL ROOTED

	100	1,000
Victory	$2.00	$15.00
Winsor	2.00	15.00
White Lawson	2.00	15.00
Pink Lawson	2.00	15.00
Washington	6.00	50.00
Enchantress	3.00	25.00

WIETOR BROS.,
162 North Wabash Ave. Chicago

CARNATIONS.
ROOTED CUTTINGS.
IMMEDIATE DELIVERIES.

Wodenethe, the greatest white, and Brooklyn, an absolutely reliable cerise pink, $12.00 per 100; $100.00 per 1000.

Princess Charming, White House, White Wonder and Gloriosa, $6.00 per 100; $50.00 per 1000.

Winsor, Harlowarden, Sangamo, Mrs. Patten and White Perfection, $3.00 per 100; $25.00 per 1000.
Chas. H. Totty, Madison, N. J.

CARNATION ROOTED CUTTINGS.

	100	1000
White Wonder	$6.00	$50.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
Beacon, Victory	3.00	25.00
May Day, Enchantress	3.00	25.00
Princess Charming	6.00	50.00
B. P. Enchantress, Harlowarden	3.00	25.00

Clean, healthy and well rooted. Cash, please.
Riverside Floral Co., Muncie, Ind.

ROOTED CARNATION CUTTINGS.
MRS. C. W. WARD.
ALMA WARD.
$3.50 per 100.
$30.00 per 1000.
READY FOR DELIVERY NOW.
Also all standard varieties.
THE LEO NIESSEN CO.,
12TH & RACE STS., PHILADELPHIA, PA.

ROOTED CARNATION CUTTINGS

Get the very best from the best place. Our carnation cuttings are not over propagated weak stock, but healthy, strong cuttings. You'll be glad when you get them and happy when they bloom. White Perfection, Pure White Enchantress, Beacon, Mrs. C. W. Ward, Dorothy Gordon, Alma Ward, $3.00 per 100; $25.00 per 1000. Enchantress, $15.00 per 1000.
C. C. Pollworth Co., Milwaukee, Wis.

Princess Charming	$50.00 per 1000
White House	50.00 per 1000
White Enchantress	25.00 per 1000
Rose-pink Enchantress	25.00 per 1000
Enchantress	25.00 per 1000
Winsor	20.00 per 1000

All cuttings, well rooted side shoots. Cash with order from unknown parties. 5% discount when cash accompanies order.
Alex A. Laub, New Hamburgh, N. Y.

ROOTED CARNATION CUTTINGS.

	100	1000
White Enchantress	$3.00	$25.00
White Perfection	3.00	25.00
Beacon	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Enchantress	2.50	20.00

Cash with order.
J. Blechschmid, 4300 E. 122nd St., Cleveland, O.

Rose-pink Enchantress	$25.00 per 1000
Winsor	20.00 per 1000
Melody	20.00 per 1000
White Lawson	20.00 per 1000
Harlowarden	20.00 per 1000
Carnegie	18.00 per 1000

Cash, please. Satisfaction guaranteed.
EHMANN'S, CORFU, N. Y.

	100	1000
White Wonder	$6.00	$50.00
Mrs. C. W. Ward	3.00	27.50
Enchantress May Day	3.00	25.00
W. Perfection, W. Enchantress	3.00	25.00

10% discount for cash.
W. Frank & Sons, Portland, Ind.

CARNATIONS—Continued.

CARNATION CUTTINGS.

Winsor $1.50 100; $12.50 1000
May Day 2.00 100; 17.50 1000
Sangamo 2.00 100; 15.00 1000
Also other standard varieties.
A. J. Stahelin, Redford, Mich.

Carnation rooted cuttings. Christmas Cheer, the great scarlet pot carnation, sells quickly at Christmas at $1.00 to $1.50 per pot. Try a few at $5.00 per 100, also Beacon and Victory at $3.00 per 100.
S. N. Peck, 424 Superior St., Toledo, O.

Strong, well rooted carnation cuttings. Winsor and Victory, $2.00 per 100; $15.00 per 1000. White Perfection, $2.50 per 100; $20.00 per 1000. Mrs. C. W. Ward, $3.00 per 100. Cash or C. O. D.
Northwestern Floral Co., Gross Point, Ill.

Carnation rooted cuttings. Beacon, $3.00 per 100, $25.00 per 1000; Enchantress, Rose-pink, White Enchantress and White Perfection, $2.50 per 100; $20.00 per 1000.
Scharff Bros., Van Wert, O.

Enchantress, Rose-pink Enchantress, and Pure White Enchantress, well rooted, $2.50 per 100, $20.00 per 1,000; unrooted, $10.00 per 1,000; from 2-in. pots, $30.00 per 1,000. Ready now. Cash.
Daut Bros., Decatur, Ill.

Carnation White Wonder, fine, strong rooted cuttings, $6.00 per 100; $50.00 per 1000. Cash with order.
Hillsborough Nurseries, Burlingame, Calif.

Healthy, well rooted carnation cuttings. Winsor. Light-pink Enchantress, White Perfection, Queen, $2.00 per 100; $18.00 per 1000.
B. J. Blameuser, Niles Center, Ill.

Fine lot of strong, well rooted Enchantress cuttings, $2.50 per 100; $20.00 per 1000. Special price on large lots.
Paul E. Weiss, Maywood, Ill.

Enchantress, White Enchantress, Lawson-Enchantress, rooted cuttings, $3.00 per 100; $25.00 per 1000. Cash.
Loyd C. Bunch, Fredonia, Kan.

Carnation rooted cuttings, Enchantress and White Perfection, $2.00 100; $18.00 1000. Cash with order. Reid & Chalmers, Elmhurst, Ill.

Carnation rooted cuttings. Enchantress, White Enchantress, Winsor, Beacon, $3.00 per 100.
Marine City Floral House, Marine City, Mich.

Write Locust Street Greenhouses, Oxford, Pa., for price list of well rooted cuttings.

CHRYSANTHEMUMS.

FINE MUM STOCK PLANTS.
READY FOR SHIPMENT.
$4.00 per 100.
Cash with order.

50 Mary Jane	200 Pockett's Crimson
25 Golden Wedding	200 Pacific Supreme
25 Major Bonnaffon	100 Y. Miller
200 Nonin	200 Polly Rose
100 Beatrice May	75 Glory Pacific
25 Timothy Eaton	75 Pink Globe

500 October Frost.
Hayman Greenhouse Co., Clarksburg, W. Va.

A NEW SINGLE CHRYSANTHEMUM.
MARY COLLADAY.
A seedling of Garza, extremely free and excellent keeping qualities. Color a rich rose lavender pink and Garza in size and form. Strong 2¼-in. stock, $4.00 per doz.; $25.00 per 100.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

$3.50 per 100; 60c per doz., cash with order, for the following stock plants: Golden Glow, October Frost, Opah, Estelle, Gloria, Halliday, Robinson, Mrs. Weeks, Alice Byron, Wm. Duckham, Pres. Taft, Honesty, Philadelphia, White and Yellow Bonnaffon, Trainor Park, Golden Wedding, Dr. Enguehard, John Burton, Jeanne Nonin, Yanoma. The Newburys, Mitchell, S. D.

CHRYSANTHEMUM STOCK PLANTS.
Extra strong clumps.
Golden Glow, Pres. Taft, Donatello, Elise Papworth, Maj. Bonnaffon, Dr. Enguehard, Pink and White Ivory, $4.00 per 100. Minta, the new Enchantress colored pink pompon, $8.00 per 100.
Zieger & Sons, Germantown, Phila., Pa.

Extra strong 2-in. plants of the finest and earliest white chrysanthemum, Smith's Advance, $1.25 per doz., $10.00 per 100; rooted cuttings from soil, $8.00 per 100. Chrysanthemum Glen Cove, a 1911 novelty, an extra large pink; strong 2-in. plants, 25c each, $2.00 per doz.
Jos. F. Klimmer Estate, Forest Park, Ill.

Pompon chrysanthemum Diana, the best double white pompon, surely a moneymaker for the commercial florist. Stock plants, $4.00 per 100; rooted cuttings, $1.00 per 100, or will exchange for bedding plants.
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Chrysanthemum cuttings for early delivery. Golden Chadwick, W. H. Chadwick, Yellow Eaton, White Eaton, W. T. Brock (incurved Thanksgiving pink), $2.50 100; $20.00 1000. All other varieties at market prices.
R. J. Irwin, 3097 Broadway, New York, N. Y.

We have 5000 Smith's Advance chrysanthemum rooted cuttings ready to ship at $5.00 per 100. Cash with order. You had better hurry.
The Newburys, Mitchell, S. D.

Chrysanthemum rooted cuttings, Yellow Bonnaffon, White Bonnaffon and Robinson, $1.00 100; $9.00 1000.
Gray Floral Co., 301 Harrison, Denver, Colo.

"CHRYSANTHEMUMS FOR THE MILLION."
A record of notes on the culture of the chrysanthemum, by growers situated in every section of the United States, with an introduction by the author, C. H. Totty. Price, 25c.
Chas. H. Totty, Madison, N. J.

Chrysanthemums. Smith's Advance, the peerless early white chrysanthemum. Rooted cuttings, tips only, $5.00 per 100. 500 stock plants of Nagoya, one of the best late yellows, $5.00 per 100. Maurice J. Brinton, Christiana, Pa.

Chrysanthemum stock plants. G. Glow, Crocus, Gloria, Enguehard, Oct. Frost, Polly Rose, 50c per doz.; $3.00 per 100, or will exchange for any stock I can use.
H. S. McClenahan, Oklahoma City, Okla.

Chrysanthemum stock plants. Y. Bonnaffon, Col. Appleton, Halliday, Dr. Enguehard, Honesty, cash or exchange, 50c per doz.; $2.50 per 100.
R. E. Rathbun, Sioux City, Iowa.

Chrysanthemum rooted cuttings, Enguehard (pink), Bonnaffon (yellow), Nonin (white), $2.00 per 100; $17.50 per 1000.
Albert M. Herr, Lancaster, Pa.

Stock plants of White Bonnaffon and Jeanne Nonin, the best whites, $2.50 per 100. Cash with order, please.
Harry S. Pearce, Pontiac, Mich.

5000 strong stock plants of Dr. Enguehard and Willowbrook, $1.50 per 100. Cash.
Ernsberger Bros., Celina, O.

Chrysanthemum stock plants, strong. Mrs. Parr, Pres. Roosevelt, Helen Frick, $3.00 per 100.
Mercer Floral Co., Bowling Green, O.

Chrysanthemum stock plants. Smith's Advance, 25c each; Golden Glow, 10c each.
Eli Cross, 25 Monroe, Grand Rapids, Mich.

Stock plants of yellow Garza, new, at 50c each., $5.00 per doz.
Jacob Russler, 114th and Avon, Morgan Park, Ill.

CINERARIAS.

Cinerarias. Vaughan's Columbian, James' Prize, Matchless Dwarf, azure blue, white, blood red and old rose, 3-in., ready for 4-in., $4.00; 4-in., in bud, $8.00; 5-in., in bud, $15.00 per 100. Fine, clean stock. Cash only.
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Cineraria hybrida grandiflora. Strong 2¼-in. stock, $2.00 per 100. Cash.
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The CHEAPEST, the EASIEST, and the BEST WAY to get rid of your surplus stock is to use the REVIEW'S classified advs.

Cinerarias, an extra brilliant strain, 3-in., $3.00 per 100; 200 for $5.00.
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Vaughan's Columbian cinerarias. Large, 3-in., ready for shift, 4c.
Addems, Morgan & Co., Paxton, Ill.

Cinerarias, Columbian mixture, strong 2½ and 3-in., $2.50 and $4.00 100. Cash, please.
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Cinerarias, finest large flowering dwarf hybrids, in mixture, established in 3-in. pots, $4.00 per 100. Cash. Russell Bros., R. 4, Syracuse, N. Y.

Cinerarias for Easter, 2-in. pots, $2.00 per 100. John Irvine & Sons, Bay City, Mich.

Cinerarias, strong, well grown 3-in., 4c.
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Cinerarias. The largest flowers. See display adv. J. W. Miller, Shiremanstown, Pa.

COLEUS.

Coleus, $4.00 per 1000; 60c per 100 by mail. 100,000 good, strong, clean, well rooted cuttings now in sand. We are the largest growers of coleus cuttings in the world. Over 1,000,000 sold in a season. Verschaffeltii, Golden Bedder, Queen Victoria, Firebrand and all other leading varieties. Come and see them. Cash with order.
C. Schulze & Son, 261-75 Lawrence, Flushing, L. I., N. Y.

Coleus rooted cuttings, including the new large leaved varieties, $6.00 per 100. Cash with order. See my cyclamen, Godfrey calla and rooted ageratum advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

Coleus, standard varieties, including Verschaffeltii, Golden Bedder, 2-in., $2.00 per 100; $18.50 per 1000; rooted cuttings, 60c 100; $5.00 1000. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Coleus. Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.
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Coleus rooted cuttings in quantity or large lots; white, red and yellow.
U. G. Harglerode, Shippensburg, Pa.

Coleus, 47 varieties, R. C., 60c per 100, $5.00 per 1000; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Coleus, strong, clean 2-in., $2.00 per 100; Verschaffeltii rooted cuttings, $6.00 per 1000. Cash, please. Rudolf Nagel, Lancaster, Pa.

Coleus, best collection in the U. S.
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Coleus, 6 good vars. R. C., 60c 100; $5.00 1000.
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Coleus rooted cuttings, 50c per 100, cash.
Truitt's Greenhouses, Chanute, Kan.

Coleus R. C., best varieties, 75c per 100.
John Irvine & Sons, Bay City, Mich.

CROTONS.

Croton aurea maculata, 3-in. pot plants, $8.00 per 100.
Storrs & Harrison Co., Painesville, O.

CUPHEAS.

Cupheas (cigar plant). R. C., $1.00 100; 2-in., fine plants ready for shift, 2c.
May Bradley, Elwood, Ind.

Cupheas, 2-in., strong, 1¾c; rooted cuttings, 60c per 100. Cash. H. S. Brandt, York, Pa.

Cupheas (cigar plant), R. C., 70c per 100.
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CYCLAMEN.

150,000 giant cyclamen seedlings. We claim the finest commercial strain in this country. Mr. A. Hange, Birmingham, Ala., says, "I planted 100 of your seedlings last year (1910) in comparison with 2500 of from so-called unrivalled, high priced English strains, but yours outgrew them." Transplanted August seedlings, $3.00 per 100; $25.00 per 1000; 3, 4, 5 and 6-in. plants, now blooming, from 10c to 75c each. Cash with order. See my Godfrey calla, rooted ageratum and coleus advs.
C. Winterich, Cyclamen Specialist, Defiance, O.

LOADED WITH BLOOM.
Christmas buyers of our beautifully flowered cyclamen were greatly pleased and many customers re-ordered several times. We have a few hundred left, choice plants, exceptionally showy, at 25c, 35c, 50c, 75c, $1.00 and $1.50 each. Try an assorted dozen and see their value.
Gullett & Sons, Lincoln, Ill.

CYCLAMEN.

5-in. .....$20.00 per 100
4-in. ..... 10.00 per 100
3-in. ..... 7.00 per 100
This is the noted Winterich strain; plants in good shape, we must reduce our stock.
Swan Peterson Floral Co., Gibson City, Ill.

Cyclamen my specialty. Extra quality 5-in., $6.00 to $9.00 doz.; 6-in., $9.00 to $12.00 doz.; specimens, $1.50 to $2.00 each.
R. J. Southerton, Cyclamen Specialist,
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Cyclamen splendens giganteum hybrids, twice transplanted from flats, in five colors, $3.50 per 100; $30.00 per 1,000.
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Cyclamen seedlings, giant flowering strain, $3.50 per 100, $30.00 per 1000; 2½-in., $5.00 per 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Cyclamen giganteum, transplanted August seedlings, best strain, separate colors, $2.50 per 100; $20.00 per 1000 prepaid.
Wm. Eschrich Co., North Milwaukee, Wis.

We have a fine lot of cyclamen seedlings, very good imported strain, to offer in 6 separate vars., $1.50 per 100; $12.50 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Strong, healthy, large flowering cyclamen seedlings, 12 varieties, $2.00 per 100. Cash with order.
E. Friederichsen & Sons, Wilton Jct., Ia.

Cyclamen, red and good mixed, seed of good German strain, 2¼-in., $4.00 per 100; 3-in., $6.00 per 100. Schmidt & Botley Co., Springfield, O.

Cyclamen, best giant, mixed colors, 2¼-in., $4.00 per 100; 3-in., $6.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

1000 large flowering mixed cyclamen in 2½-in., 3c, to clean up.
U. G. Harglerode, Shippensburg, Pa.

Cyclamen, full of buds, 3-in., $6.00; 4-in., $12.00 per 100. Get ready for Easter. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen giganteum, 4-in., 10c.
M. S. Wiecking Co., Bluffton, Ind.

Cyclamen giganteum. See display adv.
J. W. Miller, Shiremanstown, Pa.

DAHLIAS.

COMMERCIAL DAHLIAS. DOROTHY PEACOCK is not only the loveliest but the world's best pink dahlia. Verification: Cut blooms sold, wholesale, for $3.00 per 100 in August and $5.00 per 100 in September and October. Flowers are very large, of perfect form and freely produce on long, straight, stiff stems. Color: Bright, clear shrimp pink, tinting lighter toward the center. A strong, vigorous grower; early and continuous bloomer. Strong field roots 50c ea.; $5.00 per doz. Write for list of best new and standard commercial dahlias. All absolutely true to name. Remember, we are not dealers but the largest dahlia growers in the world. Send list of wants for prices before ordering elsewhere.
PEACOCK DAHLIA FARMS,
Williamstown Jct., N. J. P. O. Berlin, N. J.

WHOLESALE LIST FOR 1912
NOW READY
Separated stock and clumps. We use no slips or sprouts for propagation; stock all grown from tubers, insuring strong roots.
J. L. MOORE
Northboro Dahlia & Gladiolus Gardens
NORTHBORO, MASSACHUSETTS

Whole clumps of dahlias. Clifford Bruton, yellow, $5.00 per 100. Clifford Bruton, Sylvia, Catherine Duer, Jack Rose, Perle d'Or, Queen Victoria, A. D. Livoni in the mixed ones, all good, long-stems for the wholesale cut flower market, 75c doz.; $5.00 100. Cash with order.
Ralph Hornor, Mt. Holly, N. J.

EAST BRIDGEWATER DAHLIA GARDENS have 104 up-to-date kinds of the best cut flower varieties, over 750,000 clumps at right prices. Send your wants to
J. K. ALEXANDER,
The Dahlia King, E. Bridgewater, Mass.

Dahlias. Blushing Beauty, best cut flower kind, shrimp pink, nearly white; div. roots, $5.00 100. Wm. Ross, best red to date, $20.00 100. J. W. Ross Co., Centralia, Ill.

Dahlias, named sorts. Divided roots, $1.25 per 100; $10.00 per 1,000.
C. W. Hoffman, R. 13, Dayton, O.

Dahlias. Choice field-grown roots; either whole clumps or divided. Very low prices on surplus.
Ford Seed Co., Dept. 86, Ravenna, O.

Buy your dahlias from a specialist. List ready.
H. W. Koerner, Sta. B., Milwaukee, Wis.

DAISIES.

Marguerites. Queen Alexandra, Nicholson's White, Soleil d' Or, 2½-in., $3.00; 3½-in., $6.00 per 100. Queen Alexandria, 4½-in., $10.00; 6-in., $25.00 per 100. Bushy stock ready for a shift or immediate flowering. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Daisies. Mrs. F. Sander, new double. Strong plants, 2¼-in., $4.00 per 100. White marguerites, 2¼-in., $2.00 per 100; 3-in., $4.00 per 100. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Marguerite Mme. Gailbert, 3-in., strong, beginning to branch freely, will give plenty of cut flowers, $4.00 per 100; 2-in., $2.50 per 100. You will need some of these this spring. Cash, please.
Harry Tredway, 214 Clayton, Dayton, O.

Yellow marguerites, winter flowering. Guaranteed healthy stock out of 2½-in. pots. $5.00 per 100; 4-in. pots, 10c, $10.00 per 100. Sample by mail, 10c.
James Crawshaw, Depot Ave., Barrington, R. I.

Daisies (Chrysanthemum maximum), fine for cutting. Strong divisions, right from 5-in. pots, $2.00 per 100; $15.00 per 1000. Cash with order.
W. A. Finger, Hicksville, L. I., N. Y.

NEW DOUBLE MARGUERITE, MRS. F. SANder, a good variety, free and easy grower. Strong plants, 2-in.-pots, $5.00 per 100; $40.00 per 1000.
S. J. Reuter & Son, Inc., Westerly, R. I.

Daisies. New double marguerite, Mrs. Sander, 2¼-in., $8.00 per 100; Coronation, Mme. Gailbert, Etoile d'Or and blue daisy, $2.50 per 100.
Schmidt & Botley Co., Springfield, Ohio.

Marguerite R. C., winter flowering, 75c per 100; 2½-in., $3.00. Bellis, double, large flowering, 50c per 100; $4.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Winter flowering yellow marguerites, the right kind; unrooted. $2.00 per 100; rooted, $4.00 per 100. Cash. A. E. Monroe, Wellesley Farms, Mass.

Marguerites, Queen Alexandra; strong stock, $1.25 per 100 by mail.
S. W. Pike, St. Charles, Ill.

The new double daisy, F. Sander, from 2¼-in. pots, $5.00 per 100; $45.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Daisies, Paris. Rooted cuttings, giant yellow and white, $1.00 per 100; 2-in., 2c.
Byer Bros., Chambersburg, Pa.

Queen Alexandra marguerites, 2½-in., $2.00 per 100. Cash. C. A. Musser, Doylestown, O.

Yellow daisies, 2½-in., $2.50 per 100.
Willis W. Kinyon, South Bend, Ind.

Daisies, 2½-in., 2c; 4-in., 4c; 5-in., 6c. Cash.
Truitt's Greenhouses, Chanute, Kan.

DRACAENAS.

Dracaena indivisa, extra strong, 2¼-in., $2.00 per 100; $18.50 per 1000. Must move soon as they need transplanting. All good stock.
P. Pearson, 5734 Gunnison St., Chicago.

Dracaena indivisa, strong 2¼-in., $2.25 per 100; strong 3-in., $4.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Dracaena indivisa, 2¼-in., $3.00 per 100; 3-in., $5.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

Dracaena indivisa. Strong 5-in. pot plants, 10c; 3-in., $3.00 per 100. Buy now.
Wm. Eschrich Co., North Milwaukee, Wis.

Dracaena terminalis, fine young 2½-in. stock, $10.00 per 100.
Julius Roehrs Co., Rutherford, N. J.

3000 Dracaena indivisa. Good strong 2¼-in., 2½c., 3-in., 5c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dracaena indivisa, 3-in., $5.00 per 100; $40.00 per 1000. L. Potter & Sons, Waukegan, Ill.

Dracaena indivisa, 3-in., 5c each.
Willis W. Kinyon, South Bend, Ind.

Dracaena indivisa, strong 3-in., $5.00 per 100. Cash. F. W. Ritter, 832 River St., Dayton, O.

EASTER STOCK.

Easter stock. Ask for our list of hydrangeas, lilies, azaleas, spiraeas, crimson and baby rambler roses, climbing rambles, pink Dorothy, white baby rambler roses and bulb stock.
Geo. A. Kuhl, Pekin, Ill.

FERNS.

Boston ferns from bench, stronger than 2½-in. pot grown, $3.50 100; $30.00 1000. Fine stock and packed well.
R. J. Irwin, 3097 Broadway, New York, N. Y.

FERNS MY SPECIALTY
ASSORTED FERNS FOR FERN DISHES, strong 2¼-in. stock in hardiest and best varieties, $3.00 per 100; $25.00 per 1000.
CIBOTIUM SCHIEDEI. Grandest stock ever offered of this most magnificent fern, 3-in., $3.50 per doz., $25.00 per 100; 4-in., $5.00 per doz., $40.00 per 100; 8-in., $2.25; 9-in., $3.50; 10-in., $4.50; 12-in., $6.50 each.
ADIANTUM CROWEANUM, 4-in., $2.00 per doz.; $15.00 per 100.
ADIANTUM CUNEATUM, 2¼-in., $3.50 per 100, $30.00 per 1000; 4-in., nice full plants, $12.00 per 100.
ADIANTUM FARLEYENSE, 4-in., $5.00 per doz.; $40.00 per 100.
ADIANTUM REGINAE and RHODOPHYLLUM, splendid 4-in. stock, $4.50 per doz., $35.00 per 100.
ASPARAGUS PLUMOSUS NANUS, 2¼-in., $3.00 per 100; $25.00 per 1000.
ALSOPHILA AUSTRALIS, a very pretty tree fern, 7-in., $1.50; 10-in., $4.00 each.
J. F. ANDERSON,
Fern Specialist. Short Hills, N. J.

FERNS FOR IMMEDIATE DELIVERY.
EXTRA GOOD QUALITY STOCK.
BOSTON.

	100		100
4-inch	$10.00	8-inch	$80.00
5-inch	25.00	9-inch	each, 1.25
6-inch	40.00	10-inch	each, 1.50
7-inch	60.00	12-inch	each, 2.00

WHITMANI.

	100		100
6-inch	$45.00	8-inch	$80.00

ASPARAGUS.
3-in., $6.00 per 100.
R. R. DAVIS CO., MORRISON, ILL.

Ferns. Handsome stock. Boston, Whitmani, Elegantissima compacta, Sprinfieldii, Amerpohlii, Scholzeli. Rooted runners, $1.80 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c. Samples sent for 25c. Satisfaction guaranteed. Ferns are grown at Cleveland, Ohio, plant. 60,000 feet of modern glass devoted to ferns and asparagus. Special prices on large quantities for cash only.
Schneider, Florist, Springfield, Ohio.

TABLE FERNS in best mixed varieties, from 2¼-in. pots, $30.00 per 1000; 250 at same rate. I have a large stock to select from. Sure to please.
All out of town orders are cash with order, please.
B. SOLTAU FERNERY,
2199 Grant Ave., Jersey City, N. J.

Boston ferns, 6-in. pots, 45c ea., $40.00 per 100. Whitmani ferns, 4-in., 20c ea., $15.00 per 100; 5-in., 30c ea., $25.00 per 100; 6-in., 45c ea., $40.00 per 100; 7-in., 60c ea., $55.00 per 100; 8-in., 75c ea., $70.00 per 100. Ficus elastica, 35c, 50c and 75c ea. Cash, please.
Queen City Floral Co., Manchester, N. H.

Ferns. Good, strong pot-grown Amerpohlii, Elegantissima, Piersoni, Boston and Superbissima, 3-in., $7.00 per 100; 4-in., $12.00 per 100, $110.00 per 1000; 5-in., $18.00 per 100. This is all excellent stock and worth more money but I must have room.
Andrew Peterson, Hoopeston, Ill.

FERN BARGAINS.

Boston runners, strong	$15.00	1000
Boston 2¼-in.	30.00	1000
Amerpohlii, 4-in.	10.00	100

Cash with order.
The above stock is strictly clean and strong.
J. T. Cherry, Athens, Ill.

FERNS FOR JARDINIERES for immediate use. Bushy, well grown plants, 6 to 8 best varieties, from 2¼-in. pots, $3.00 per 100; $25.00 per 1000.
COCOS WEDDELIANA, 2¼-in. pots, right for centers, $10.00 per 100.
Thos. P. Christensen, Short Hills, N. J.

Small ferns for dishes. Pteris Mayii, serrulata cristata variegata, Wimsetti, cretica albolineata, $3.00 per 100; $25.00 per 1000.
Aspidium tsussimense and Cyrtomium falcatum, $3.50 per 100; $30.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Ferns, Boston, Whitmani, the new Roosevelt, Scottii, Amerpohlii, Piersoni, plumosus and Sprengeri, 2½ to 8-in. Write us quantity and size you want; will quote special cash price. We need both room and cash.
Geo. A. Kuhl, Pekin, Ill.

Nephrolepis exalta Bostoniensis. Booking orders now. Fine, strong runners, $10.00 per 1000. Nephrolepis exaltata, same price as above. Nephrolepis davallioides furcans. Strong runners, $2.50 per 100. J. J. Soar, Little River, Fla.

Ferns. Boston and some Whitmani, bench grown, out of 4-in. at time of planting, which we must dispose of immediately, including runners. Let us make you an offer.
Wellworth Farm Greenhouses, Downers Grove, Ill.

ROOSEVELT FERN IS A WINNER.
2½-in. .....$2.00 per doz.; $15.00 per 100
3-in. ..... 2.50 per doz.; 17.50 per 100
F. O. B. West Grove,
Conard & Jones Co., West Grove, Pa.

Ferns for dishes, transplanted, ready for potting, five varieties, $1.00 per 100; $9.00 per 1000. Strong plants, 2-inch, $3.00 per 100; $25.00 per 1000. Cash, please.
Rober & Radke, Maywood, Ill.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. 500 at 1000 rate. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

Boston and Whitmani ferns, 3-in., $7.00 per 100; 4-in., $12.00 per 100. Good strong stock ready to shift.
Momence Greenhouse, Momence, Ill.

Boston ferns, fine stock for 6-in., 25c. Orders booked now for Boston and Whitmani, young stock, $20.00 per 1000. Cash.
A. E. Monroe, Wellesley Farms, Mass.

Boston ferns for immediate delivery. Strong stock, 2¼-in., $4.00 per 100; 3-in., $7.00 per 100; 4-in., $10.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Boston ferns, 5-in., $25.00 per 100; 6-in., $40.00 per 100. These were potted in September and are good, strong, well grown plants.
Crown Point Floral Co., Crown Point, Ind.

GOOD FERNS.
Bostons, 5-in., 25c; 6-in., very good, 50c; 7-in., 75c; 8-in., $1.00. Whitmani, 4-in., 20c; 5-in., 35c; 6-in., 60c. Gullett & Sons, Lincoln, Ill.

Boston ferns, 5-in. pots, good, strong and healthy, to make room, 16c. Cash with order.
C. C. Walker, Danville, Ill.

Boston ferns, strong runners, $10.00 per 1000. Write for special prices on 5,000 to 20,000 lots.
F. M. Soar, Little River, Fla.

Ferns. Boston, pot-grown, fine stock, 3-in., $7.50 100; 4-in., $15.00 100; 5-in., $20.00 100.
Swan Peterson Floral Co., Gibson City, Ill.

Boston ferns, grown for our own use but have too many; 5-in., 35c; 6-in., 50c; $6.00 per doz.
D. R. Herron, OLEAN, N. Y.

Table ferns, in good varieties, out of 2¼-in. pots, $3.00 per 100. Cash, please.
J. H. Fiesser, Guttenberg, N. J.

Ferns for dishes, 2¼-in., strong, 6 good sorts, $3.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

Whitmani, Bostoniensis and Piersoni ferns, 4-in., 15c ea.; 5-in., 25c ea.; 6-in., 50c ea.
Koerbel Bros., Jeanette, Pa.

Boston ferns, 4-in. pots, ready for 6-in., good, strong plants, 25c each.
Calvert Floral Co., Lake Forest, Ill.

Bench ferns. Elegantissima, Amerpohlii, Scholzeli, 3, 4 and 5-in., 6c, 10c, 12c. Cash.
Byer Bros., Chambersburg, Pa.

Ferns for dishes, good assortment, 2-in. pots, $3.00 per 100.
John Irvine & Sons, Bay City, Mich.

Boston ferns, 4-in., $12.50 100.
J. W. Ross Co., Centralia, Ill.

BUSINESS BRINGERS—
REVIEW Classified Advs.

Boston ferns, 2½-in. stock, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Boston fern runners, 2 to 4 leaves, $2.00 per 100. P. Pearson, 5734 Gunnison St., Chicago.

Boston ferns, 4-in., 15c; 5-in., 25c. Baur Floral Co., Erie, Pa.

Whitmani ferns out of 4-in., fine plants, $10.00 per 100. J. C. Schmidt, Bristol, Pa.

Boston ferns, 4-in., 8c. Sprengeri, 4-in., 5c.
Roney Bros., West Grove, Pa.

FEVERFEW.

650 2-in. feverfew now ready for shift. Excellent plants at 2c. Cash.
R. P. Atwell, Florist, Fort Dodge, Iowa.

Feverfew, 2½-in., 2½c; 3-in., 4c. Cash.
Truitt's Greenhouses, Chanute, Kan.

Feverfew, large double white, $1.00 100, prepaid. Chas. Frost, Kenilworth, N. J.

Feverfew Gem R. C., $1.00 per 100; 2-in., 2c. Cash. Byer Bros., Chambersburg, Pa.

FORGET ME NOTS.

Forget-me-nots E. Fonrobert. Well rooted cuttings, ready for 2½-in. pots, $1.50 per 100; $8.00 per 1000—not less than 500 at 1000 rate. Best kind for forcing and none better for outdoor planting. W. A. Finger, Hicksville, L. I., N. Y.

FUCHSIAS.

Fuchsias, 5 best varieties. Little Beauty, true; Renan, White Beauty, Lord Byron, Tenuer, 2¼-in., $4.00 per 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Fuchsia Little Beauty, the true stock, best fuchsia extant, 2¼-in., $4.00 per 100; $35.00 per 1000. 250 at 1000 rate.
Baur Floral Co., Erie, Pa.

Fuchsias, best market sorts, 2-in. pots, $2.00 per 100; rooted cuttings, 90c per 100.
John Irvine & Sons, Bay City, Mich.

Finest double fuchsias,, dwarf habit. Strong, well-rooted cuttings, $1.00 100; $8.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Fuchsia rooted cuttings. Black Prince and other good sorts, $1.00 per 100; $8.00 per 1000.
G. E. Fink, Kenilworth, N. J.

Fuchsias, six best varieties. Strong 3-in., full of cuttings, 5c each. Bargain. Cash.
Bell Floral Co., Franklin, Pa.

Fuchsias, assorted vars. R. C., $1.00 100. Cash. McRae-Jenkinson Co., Cheswick, Pa.

GENISTAS.

Genista racemosa, 6-in. pot plants, $25.00 per 100; very heavy 4-in. pot plants, $15.00 per 100.
Storrs & Harrison Co., Painesville, O.

Genistas. R. C., $1.50 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

GERANIUMS.

	R. C. 1000	2¼-in. 1000
S. A. Nutt	$12.00	$18.00
Montmort	12.00	18.00
Double White	12.00	18.00
De France	14.00	22.50
Ricard	14.00	22.50
Viaud	14.00	22.50
Poitevine	15.00	25.00

Rose geraniums, 2¼-in., $2.00 per 100.
Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses, Dayton, O.

ROOTED GERANIUM CUTTINGS.
The "BIG FOUR" bedders. Strong selected top cuttings, well rooted; S. A. Nutt (greatest dark red), Gen. Grant (most satisfactory dbl. scarlet), Mme. Buchner (only dbl. white), Beaute Poitevine (semi-dbl. salmon), $1.50 per 100; $14.00 per 1000. Prompt delivery and packed secure from frost.
W. T. Buckley Co., Springfield, Ill.

GERANIUMS.
2½ in. ..... $20.00 per 1000
Rooted cuttings ..... 12.50 per 1000
We have the following varieties: Nutt, Ricard, Poitevine, Jean Viaud, Gloire de France, Perkins, La Favorite, Grant, Mme. Landry, Col. Thomas, Conover and several others. Send your orders now. Terms cash, please.
Swan Peterson Floral Co., Gibson City, Ill.

Geraniums, good stock now ready. Nutt, Jean Viaud, 2½-in., $2.50 100; $22.50 1000. Booking orders on La Favorite, Perkins, Harrison, Redfield, Poitevine for later delivery. Mme. Sallerol, 2-in., $2.00 100, $18.00 1000; 500 at 1000 rate. Cash, please.
Rober & Radke, Maywood, Ill.

We have 20,000 extra fine, well rooted Ricard, S. A. Nutt, J. Viaud, Buchner, Poitevine, Sallerol, etc., in 2¼ and 2½-in. pots, at $20.00 per 1000, $2.25 per 100; S. A. Nutt and mixed, $18.00 per 1000. Can ship promptly.
Quaker Hill Nurseries, Monroe, N. Y.

Geranium rooted cuttings. A. Ricard, $14.00 per 1000; B. de Presilly, $12.00 per 1000. Strong enought for 3-in. pots. Other varieties last week in Jan. Cash, please.
J. P. Siebold, Lancaster, Pa.

GERANIUM ROOTED CUTTINGS.
Ricard, Jaulin, Viaud, Castellane, $14.00 per 1000; Nutt and Buchner, $12.00 per 1000. Cash with order.
FRED W. RITCHY, LANCASTER, PA.

2000 S. A. Nutt and 1000 La Favorite geraniums, strong 2½-in., ready for shift, $23.00 per 1000. Mme. Sallerol, 2-in., extra fine, ready for shift, $20.00 per 1000. Cash.
P. N. Oberton, Kenosha, Wis.

Geraniums, strong, 2-in. pot plants. Nutt, Ricard, Poitevine, Castellane, La Favorite and Perkins, $2.50 per 100.
John Irvine & Sons, Bay City, Mich.

Geraniums out of 2¼-in. pots at $2.00 per 100. 2000 S. A. Nutt, 500 Ricard, 500 E. G. Hill and 500 La Favorite.
Arthur Harbison, Harrodsburg, Ky.

Geraniums. S. A. Nutt, Beaute Poitevine, Heteranthe, Jean Viaud, Mme. Barney, 2½-in., $3.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

Geraniums, 2-in., nice stock. Nutt, Mme. Barney, pink; Hill, salmon; Buchner, white; $2.00 per 100, $18.00 per 1000. Cash.
Cherry Park Gardens, Fredonia, N. Y.

Geraniums, Ricard, Mrs. Perkins, Montmort, Harcourt, 2¼-in., $2.50 100; $20.00 1000. Rooted cuttings, mixed, $1.00 per 100.
Willis W. Kinyon, South Bend, Ind.

Geraniums, fine stock. S. A. Nutt rooted cuttings, $10.00 per 1000; 2¼ and 2½-in., $2.00 per 100; $18.00 per 1000 for cash with order.
Ross Bros., Falls Creek, Pa.

Geraniums from 2¼-in. Ricard, Poitevine, $24.00 1000; $2.50 100; Hill, $22.00 1000; Nutt, $18.00 1000, $2.00 100. Cash, please.
Jas. Ambacher, West End, N. J.

Nutt, Perkins, Landry, dbl. white and red, mixed. Strong R. C., $1.00 100.
J. A. Keeney, Monongahela, Pa.

GERANIUM ROOTED CUTTINGS.
All Sold Until February.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Ready about Feb. 26. Rooted cuttings, S. A. Nutt, $11.50 per 1,000; Ricard and Poitevine, $14.00 per 1,000. Albert M. Herr, Lancaster, Pa.

2,000 3-in. geraniums, mixed, full of cuttings, 3c; rooted cuttings, mixed, $10.00 per 1,000. Cash.
Chas. A. Pfeiffer, Sedalia, Mo.

Geraniums, Nutt, Ricard, Poitevine, good 2-in. stock, $2.00 per 100. Cash.
A. B. Reynolds, Ballston Spa, N. Y.

Geraniums, 2-in., Mme. Sallerol, S. A. Nutt and Grant, 2c; Mme. Sallerol R. C., $1.00 100.
U. G. Harglerode, Shippensburg, Pa.

1000 S. A. Nutt geraniums, 2½-in., good, strong plants, $3.00 per 100. Cash, please.
Edgar Easterday, Nokomis, Ill.

Geraniums. Single Grant, 2¼-in. pots, to close out, $1.50 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Geraniums. S. A. Nutt and standard varieties, 2½-in., $2.50 per 100; $20.00 per 1000. Cash.
H. G. Norton, Perry, O.

Geraniums. Ricard, Poitevine, Castellane, Nutt, La Favorite, fine, 2¼-in. stock, $2.00.
S. M. Harbison, Danville, Ky.

Geraniums, mixed, from rooted cuttings to 4-in. stock, any size, $1.00 to $4.00.
Mercer Floral Co., Bowling Green, O.

Geranium S. A. Nutt, 2¼-in. pots, good, well rooted, $2.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Geranium Queen of the Fairies, 2½-in. pots, $2.50 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Geraniums, standard market sorts, established plants, $3.00 per 100; $25.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Geraniums. Mme. Buchner, Frances Perkins and Clyde, 2¼-in., $2.50 per 100; $20.00 per 1000.
So. Bend Floral Co., So. Bend, Ind.

Geranium R. C., 8 standard varieties, $1.50 per 100; 2½-in., $3.00.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Geranium S. A. Nutt, 2¼-in., $2.50 per 100; $20.00 per 1000. Baur Floral Co., Erie, Pa.

S. A. Nutt geraniums, 2½-in., $2.50 100.
Erie Floral Co., Erie, Pa.

Rose geraniums, strong stock, $1.50 per 100 by mail. S. W. Pike, St. Charles, Ill.

Mme. Sallerol, to make room, 2-in., 2c. Cash.
Bell Floral Co., Franklin, Pa.

Gen. Grant geraniums, 2-in., $2.50 per 100. Cash. Loyd C. Bunch, Fredonia, Kan.

Rooted Rose geraniums, $1.00 per 100. Cash with order. L. Turner & Sons, Kenosha, Wis.

GLADIOLI.

Gladioli. America, 1st. size, $25.00 per 1000. May, extra large, $14.00. Augusta, 1½ and up, $12.00; 1¼ to 1½, $10.00; No. 6, $4.00 per 1000. Nice large bulblets of Mrs. King, 60c; America, 85c per 1000. Augusta, 1st. size, $8.00 per bu.; 2nd. size, $4.00 per bu. Cash. These are all quality bulbs and true to name. Send in your orders now. Wm. Espel, Benton Harbor, Mich.

Gladiolus Pink Augusta (Pink Beauty). Great forcing early bloomer; color, pink; straight long spike, fine for sprays, decorations, $2.50 100, $20.00 1000; extra size, $2.75 100, $25.00 1000. Cash. Also Mrs. F. King, Augusta, Paul, Klondyke. Send for list.
Stevens Gladiol Co., Saginaw, W. S., Mich.

Reine de l'Anjou, best commercial white, 4-ft. spikes, fine bulbs, $15.00 per 100. America bulblets, 75c per 1000 prepaid.
C. H. Ketcham, South Haven, Mich.

Gladioli. Fine bulbs of King, Independence, May, Klondyke, Alice Carey, Pres. Taft and the best mixtures. Prices cheap for cash.
G. B. Babcock, R. D. 80, Jamestown, N. Y.

A quantity of mixed gladiolus bulbs from named sorts and a peck of bulblets free. Write if interested.
H. A. Catlin, Box 673, Homer, N. Y.

Gladiolus. Small surplus of fine bulblets. America, $1.00 per 1000; 5000, $4.00. Mrs. F. King, 75c per 1000; 5000, $3.00. Express prepaid. S. W. Pike, St. Charles, Ill.

Gladioli. Klondyke, best light yellow, 1 in., $2.00; 1¼ in. up, $2.50 100. Taconic, good florists' pink, ½ in., $1.00; ¾ in., $1.50 100; bulblets, $1.50 qt. C. W. Brown, Ashland, Mass.

Gladiolus America, No. 1, 1½-in. and up. Baron Hulot and America bulblets. Write for prices. Currier Bulb Co., Seabright, Calif.

Gladioli, 1¼-in. and up. Augusta and May, $12.50 per 1000; America, $25.00 per 1000. Cash.
W. Frank & Sons, Portland, Ind.

GREVILLEAS.

Grevilleas, 4 and 5-in., 20c.
Anderson Floral Co., Anderson, S. C.

HELIOTROPES.

Heliotrope rooted cuttings, 70c per 100; $6.00 per 1000; by mail, 10c per 100 extra; 2¼-in., $2.00 per 100, $18.00 per 1000. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Heliotropes. Czar, Czarina, Jersey Beauty, etc., $2.50 per 100. Centifleur (giant), $3.50 per 100. Storrs & Harrison Co., Painesville, O.

Heliotropes, dark; good stock. Strong and well-rooted cuttings, 75c 100; $6.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Heliotropes, 4 good varieties, 2¼-in., $3.00 per 100. Schmidt & Botley Co., Springfield, O.

Heliotrope, rooted cuttings, 70c per 100; 2¼-in. pots, 2c. C. H. Jacobs, Westfield, Mass.

HIBISCUS.

Hibiscus Peachblow, 2½-in., $3.50 per 100.
Schmidt & Botley Co., Springfield, Ohio.

HYDRANGEAS.

HYDRANGEA ARBORESCENS GRANDIFLORA, selected for forcing; 2-yr., 1½ to 2 ft., $3.00 per doz., $20.00 per 100; 15 to 20 in., nursery grown, $1.50 per doz., $10.00 per 100; 8 to 12 in., $6.00 per 100, $50.00 per 1000. Price list free. E. Y. Teas & Son, Centerville, Ind.

Hydrangea Otaksa, dormant, 4-in., $15.00 per 100; 5-in., $25.00 per 100.
D. U. Augspurger & Sons Co., Peoria, Ill.

Hydrangea Otaksa, 5-in., 15c; 6-in., 25c; field-grown, with one crown, 6c.
Baur Floral Co., Erie, Pa.

Hydrangea Otaksa, fine pot-grown, 5-in. pots, 2 to 3 flower shoots, $20.00 per 100.
Storrs & Harrison Co., Painesville, O.

Hydrangea Otaksa, field-grown, 1 shoot, 6c; 2 shoots, 10c; 3 shoots, 15c.
Erie Floral Co., Erie, Pa.

Hydrangea Otaksa, 3-in. pots, strong plants, $5.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Hydrangea Otaksa for Easter and Decoration day. See our display adv.
Jackson & Perkins Co., Newark, New York.

Hydrangea Otaksa from 3-in. pots, $5.00 per 100. Fred Boerner, Cape May City, N. J.

IMPATIENS.

Impatiens, 6 distinct varieties, 2¼-in., $2.50 per 100.
Schmidt & Botley Co., Springfield, Ohio.

Impatiens Sultani, red. Strong R. C., $1.00 per 100. Cash. J. P. Siebold, Lancaster, Pa.

Impatiens Sultani. R. C., $1.00 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

IVIES.

GERMAN IVY.
Rooted cuttings, $5.00 per 1000.
Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses, Dayton, O.

German ivy. R. C., 50c per 100, mailing 10c; 2¼-in., 2½c.
English ivy, 2½-in., 4c; R. C., $1.00 100, $9.00 1000. Kenilworth Ivy rooted cuttings.
W. E. Trimble Greenhouse Co., Princeton, Ill.

English ivy, 2-yr. field plants, 2½ to 4 ft. long, 2, 3 and 4 leads, extra fine, 10c each; 200 for 8c each. Cash.
Benj. Connell, Florist, Merchantville, N. J.

4000 English ivy rooted cuttings, $1.00 per 100; $10.00 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Ivies. German, R. C., 60c 100. Kenilworth, R. C., 60c 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

English ivy, strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.
Storrs & Harrison Co., Painesville, O.

English ivy (Hedera Helix). R. C., strong $2.00 per 100. Cash.
N. P. Colberg, Princeton, Ill.

Ivy, German, 60c; English, 75c; prepaid English, 2½-in., $3.00.
Chas. Frost, Kenilworth, N. J.

English ivy, strong 2¼-in., $4.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

German ivy R. C., 60c per 100.
John Irvine & Sons, Bay City, Mich.

English ivy R. C., $1.00 per 100.
John Irvine & Sons, Bay City, Mich.

German ivy R. C., 50c per 100; mailing 10c extra. Warren Huckleberry, North Vernon, Ind.

LANTANAS.

3000 lantana rooted cuttings, 3 varieties, $1.50 per 100; $12.50 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Lantanas, 4 good varieties, 2¼-in., $3.00 per 100. Schmidt & Botley Co., Springfield, Ohio.

Lantanas, fine, thrifty plants, 2 best vars., $2.00 100. Wingert & Ulery, Springfield, O.

Lantanas, 2-in., $2.00.
Mercer Floral Co., Bowling Green, O.

Lantanas, 8 fine varieties, $3.00 per 100.
Storrs & Harrison Co., Painesville, O.

LEMONS.

Lemon American Wonder, 2½-in., $3.00 per 100; 4-in., $15.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

LILY OF THE VALLEY.

Lilies of the valley. Bruns' Celebrated Chicago Market brand, finest in existence, $2.00 per 100; $16.00 per 1000. Bruns' Early Forcing Valley, florists' moneymaker, $1.50 per 100; $14.00 per 1000.
H. N. Bruns, 3038 W. Madison St., Chicago.

LOBELIAS.

Lobelia Kathleen Mallard, the new double. I have 50,000 extra large and well rooted cuttings, transplanted into soil, and if you want good, clean, healthy stocks for spring trade, order now. Well packed to stand any weather; satisfaction guaranteed. 65c per 100, by mail; $4.50 per 1000, by express.
S. A. Pinkstone, York & Hickory, Utica, N. Y.

Lobelia Kathleen Mallard, the new double. We have an immense stock of well rooted cuttings, transplanted in soil last October and kept growing on, 50c per 100 by mail; $4.00 per 1000 by express. 500 at 1000 rate.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Lobelia Kathleen Mallard R. C., 50c 100.
Hendra & Son, Sta. D, St. Joseph, Mo.

LUPINES.

Lupines from 2-in. pots, well established; $2.00 per 100; good little plants from soil, in white, pink, blue and yellow, each color separate, $1.00 per 100; $9.00 per 1000. These are from the best strain of cut flower sorts obtainable.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

MOONVINES.

10,000 white moonvine rooted cuttings, extra fine and clean, $1.50 per 100; $15.00 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Moonflowers. Buy now to propagate from. $3.00 per 100.
Storrs & Harrison Co., Painesville, O.

NURSERY STOCK.

3000 Spiræa Van Houttei, 2-yr., 2½ to 3½ ft. Send for prices, additional lists and catalogue.
Henry Lake Sons Co., Nurserymen,
Black River Falls, Wis.

Nursery stock. Shade trees, fruit trees, shrubs, roses and peonies.
Onarga Nursery Co., Onarga, Ill.

My catalogue for 1911 of native trees, shrubs, bulbs and plants is now ready to mail.
L. E. Williams, Exeter, N. H.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS.
ELLWANGER & BARRY, ROCHESTER, N. Y.

ONION SETS.

Onion sets. To close out: 800 bu. white, $1.25; 500 bu. yellow, $1.10; 400 bu. red, $1.00 per bu. of 32 lbs. Sets are A No. 1.
J. C. Zaplewski & Co., Growers, Norwood Park, Ill.

ORANGES.

Otaheite orange, 2½-in., $3.50 per 100; 4-in., $15.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

PALMS, ETC.

Pandanus utilus, 3-in., $10.00 per 100; 4-in., $20.00 per 100.
Cocos Weddeliana, 2½-in., $10.00 per 100.
Kentia Belmoreana and Forsteriana, made-up and single plants, all sizes. Special value in made-up Forsteriana, 4 plants in 8-in. tubs, 40 to 44 in. high, $4.00 each, 8 in. tubs, 44 to 48 in. high, very husky, $5.00 each.
Storrs & Harrison Co., Painesville, O.

Kentia Belmoreana from 2¼-in. pots, 3 leaves, $6.00 per 100; $55.00 per 1000. Cash or satisfactory references with order.
B. Soltau Fernery,
199 Grant Ave., Jersey City, N. J.

Pandanus Veitchii, 3-in. pots, $10.00 per 100; 4-in., $20.00 per 100; bench-grown, 10 in. high, $10.00 per 100; 15 in. high, $15.00 per 100.
J. J. Soar, Little River, Florida.

Pandanus Veitchii, bench-grown plants, 10 in. high, $10.00 per 100; suckers, $4.00 per 100.
F. M. Soar, Little River, Fla.

Phoenix Roebelenii, 6-in. pots, 1 to 2 ft. high, $1.00 each; 7-in., $2.00 each.
B. M. Wichers & Co., Gretna, La.

Kentias. Big stock. Write for prices.
Holton & Hunkel Co., Milwaukee, Wis.

PANSIES.

HOME OF PANSIES.
Our strain of pansies are unsurpassed; we ship with safety to all parts of the U. S. and Canada; they are giving satisfaction everywhere, our testimonials vouch for this—we receive a new one nearly every day. Our stock of plants is large, field-grown, containing our own specials, Masterpiece, Perret, Trimardeau, blood-red, yellow, etc., all at $2.50 per 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Pansy plants, small plants, giant flowering, $2.50 per 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Pansy plants grown from the finest giant mixtures, $3.00 per 1000. Cash with order.
Hayman Greenhouse Co., Clarksburg, W. Va.

Pansies, strong transplanted, for flowering in greenhouse, best sorts, $2.00 per 100.
F. A. Baller, Bloomington, Ill.

PASSIFLORAS.

Passifloras, Constance Elliott and Pfordti, 2¼-in., $3.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

PELARGONIUMS.

Pelargoniums, from 70 best varieties, 3½-in., $7.00 per 100; clean and ready for 5-in. Cash only. J. Sylvester, Florist, Oconto, Wis.

PEONIES.

Peonies in any quantity. Write for prices on list of your wants.
Gilbert H. Wild, Sarcoxie, Mo.

PETUNIAS.

Petunias, double fringed. A good collection of red, variegated and other dark colors, no white—a good collection of money makers. Strong rooted cuttings, $1.00 per 100; $9.00 per 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Dreer's double petunias, selected large flowering doubles, finely fringed, mixed colors. Rooted cuttings, $1.00 100, $9.00 1000; 2-in., $2.00 100. Cash. J. P. Cannata, Mt. Freedom, N. J.

Double fringed petunias, 15 varieties, Dreer's and other collections, 2-in., 2c; R. C., $1.00 100. Can book orders for Feb. 1.
U. G. Harglerode, Shippensburg, Pa.

Petunias, Dreer's double fringed, large flowering, mixed colors. Strong R. C., $1.00 per 100; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Petunias, single, 4 distinct varieties, $2.00 per 100; double, white, pink and variegated, 2¼-in., $3.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

Dreer's double petunias, 6 choicest colors and varieties; just what you need for propagating, 3-in., 5c. Positively cash with order.
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Dreer's double petunias, named varieties. Rooted cuttings, $1.00 per 100; $9.00 per 1000.
W. S. Nichol, Barrington, R. I.

Double petunias, R. C., 10 kinds, $1.00 per 100; 2-in., 2c. Cash.
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Double petunias, 9 varieties mixed. Strong R. C., $1.00 100. J. A. Keeney, Monongahela, Pa.

2000 D. petunias, $2.00 per 100.
Mercer Floral Co., Bowling Green, O.

POINSETTIAS.

POINSETTIA STOCK PLANTS.
ONE-YEAR-OLD, TRUE STOCK.
EXTRA SELECT, $8.00 PER 100.
SECOND SIZE, $6.00 PER 100.
A. HENDERSON & CO.,
30 E. Randolph St., Chicago.

Poinsettia stock plants out of 2½-in. pots, $3.00 100; out of 3-in. pots, $5.00 100.
Rober & Radke, Maywood, Ill.

4000 poinsettia plants, from 1 to 10-yrs. old, $10.00 to $15.00 per 100. Whittlesey Floral Co., 1017 S. Boyle Ave., Los Angeles, Calif.

Poinsettia stock plants, $3.50 and $5.00 per 100. Cash.
Thompson & Sons, Sta. D., R. 1, Milwaukee, Wis.

1500 Poinsettia stock plants at $5.00 per 100. Cash with order or reliable references.
Hoffmeister Floral Co., Lickrun, Cincinnati, O.

Poinsettias, good, strong, true stock plants, $5.00 per 100.
Henry A. Bester & Sons, Hagerstown, Md.

Poinsettia stock plants, $5.00 per 100.
Wm. M. Turner, Wilkinsburg, Pa.

PRIMULAS.

Primula obconica grandiflora, mixed colors, 2-in., $1.50 per 100; 4-in., $6.00 per 100. Fine stock to grow on for spring and Easter sales. 4-in. Chinese, in bloom, mixed colors, $6.00 per 100. Cash with order.
R. S. McMurray, Bellefontaine, O.

Primula obconica, best colors of largest flowering, mostly all budded, ready for shift at once; will make good Easter plants, 2¼-in., $2.75 per 100. Forbesi, Baby primrose, in bloom, ready for 3-in. at once, 2¼-in., $3.00 per 100. Cash, please. John Bauscher, Jr., Freeport, Ill.

Chinese primroses, finest fringed, mixed colors, 3-in., $4.00; 2-in., $2.00. Kewensis, 3-in., $3.00. Extra good plants. Cash. M. S. Etter, successor to John F. Rupp, Shiremanstown, Pa., The Home of Primroses.

Primula obconica gigantea, kermesina and rosea, finest strain; 2½-in., strong plants, ready for shift, $4.00 100. Cash. E. Nagel & Son, 1118 W. Lake St., Minneapolis, Minn.

P. obconica grandiflora, alba, rosea, lilac, hybrida, rubra, compacta, Forbesi, 2c; sanguinea, carmine, gigantea, 2½c. All 2-in. pots. Cash.
Byer Bros., Chambersburg, Pa.

Primulas. Chinese, all colors, 3-in., ready for 4-in., just right for Easter, $5.00 per 100. Kewensis and Forbesi, 3-in., $5.00 per 100. Cash only. J. Sylvester, Florist, Oconto, Wis.

Chinese primroses, red, pink and striped, strong 2½-in., $2.50 per 100. Baby primroses, $2.50 per 100. Primula Kewensis, 2½-in., $2.50 per 100. Schmidt & Botley Co., Springfield, O.

Primula obconica grandiflora, 6 separate colors. Extra strong 3-in., full of buds and bloom, $5.00 per 100. Gigantea, 4 colors, $6.00. Cash.
F. W. Ritter, 832 River St., Dayton, O.

Chinese primroses, finest fringed mixture, 2¼-in., 2½c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Primula obconica, 3-in., $5.00 100. Chinese primroses, in bloom, 12½c; in bud, 10c. Cash, please. Rober & Radke, Maywood, Ill.

Primulas, Chinese and obconica, 2½-in., $2.00 per 100; 300 for $5.00.
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Primroses, 4-in., in bud and bloom, $10.00 per 100. Cash.
Loyd C. Bunch, Fredonia, Kan.

Baby primulas, in bloom, 3-in., $3.00 per 100. Cash. Truitt's Greenhouses, Chanute, Kan.

Primula obconica grandiflora, 3-in., 5c; 4-in., 10c. M. S. Wiecking Co., Bluffton, Ind.

Primulas obconica, alba and rosea, $1.50 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Primroses. See my display adv. before you buy.
J. W. Miller, Shiremanstown, Pa.

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CALIFORNIA PRIVET.

1-yr., 2 to 3 ft., 3 to 6 branches	$12.00	1000
2-yr., 18 to 24 in., 5 to 8 branches	12.50	1000
2-yr., 2 to 3 ft., 5 to 8 branches	15.00	1000
2-yr., 3 to 4 ft., 5 to 8 branches	20.00	1000

AMOOR RIVER PRIVET.

2 to 3 ft., well branched	$25.00	1000
3 to 4 ft., well branched	30.00	1000

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200,000 Cal. privet, 4 to 6 branches, $12.00 per 1000. All sizes. Large stock of Ampelopsis Veitchii, Clematis paniculata, 1, 2 and 3-yr.-old, and most all other good things for florists. Get my list before you buy.
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California privet, 18 to 24, 2-yr., $11.50 1000; 24 to 30, 2-yr., $16.00 1000. Amoor River (hardy), 18 to 24, 2-yr., $17.50; 24 to 30, 2-yr., $22.50 1000. Honeysuckle, Hall's, 2-yr., $4.00 100. F. O. B. Cash with order.
Valdesian Nurseries, Bostic, N. C.

CALIFORNIA—Any quantity, size, age. Not any better grown. Write for prices on it. Fruit and ornamental trees, shrubbery, etc.
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10,000 Amoor River and 20,000 California privet. Cheap.
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Genuine hardy Amoor River, North and hardy Ibota Privet, $1.50 per 100 and up.
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California privet. A splendid lot of fine well graded 2-yr. stock. For particulars see our display adv. Chas. Black, Highstown, N. J.

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Pyrethrum, double dwarf; R. C., 90c per 100.
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Paris daisy, giant yellow and giant white, Gem feverfew, heliotropes, genistas, abutilons, fuchsias, 6 kinds, $1.00 per 100. Cupheas, 75c per 100. Ageratum, 4 kinds, 60c per 100. Alternantheras, 4 kinds, 50c per 100. Moonvines, $1.50 per 100. Rose geraniums, $1.25 per 100. Cash with order.
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Rooted cuttings, price per 100 prepaid: Coleus, 10 varieties, German ivy, artillery plants, 60c; salvias, Bonfire and Zurich, Geranium Mme. Sallerol, 90c. Cash.
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ROOTED CUTTINGS. Send for complete list.
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GRAFTED—	100	1000
Double White Killarney (Poehlmann strain)	$30.00	$250.00
Pink and White Killarney, 2½-in.	12.00	100.00
Richmond, 2½-in.	12.00	100.00
Maryland, 2½-in.	12.00	100.00
Mrs. Aaron Ward, 2½-in.	14.00	120.00
Melody, 2½-in.	14.00	120.00
Mrs. Taft or Prince de Bulgarie, 2½-in.	14.00	120.00
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Pink and White Killarney, 2½-in.	6.00	55.00
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Roses, strong 2-yr.-old field-grown plants. Dorothy Perkins and Tausendschon, $10.00 and $12.50 per 100. Cli. Meteor, Cli. Soupert, Pres. Cleveland, Red Kaiserin, Duchess de Brabant, Mme. Jos. Schwartz, Etoile de France, Abel Chatenay, Wellesley, Yoone Vachet, Col. Williams, Florence Pemberton, Countess of Gosford, Wm. Sheen, Dean Hole, Rose Gubert, Muriel Graham, Safrano and Francisca Kruger, $10.00 per 100. Also pot-grown plants; for size and varieties write to
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READY NOW.
SATISFACTION GUARANTEED.

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Killarney, White Killarney, Richmond, fine 2 and 3-eye stock, extra well rooted, $3.00 per 100. Golden Gate, $1.50. Gullett & Sons, Lincoln, Ill.

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Roses for forcing. See our display adv.
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225 best varieties—old, new, tried, true.
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Rubbers, fine 5-in. stock, 35c each.
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Salvia Zurich, dwarf, absolutely true to name; rooted cuttings, $1.00 100, $8.00 1000. Salvia Bonfire, 80c 100; $7.00 1000. Cash.
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Salvias, splendens, Mrs. Page, Alfred Ragineau and Alba. Strong 2¼-in., $2.50 per 100, $20.00 per 1000; rooted cuttings, 60c per 100.
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Salvias, splendens, Bonfire, R. C. or transpl., 90c per 100, mail 10c per 100; 2¼-in., 2c. Cash.
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Salvia Bonfire. R. C., $6.00 1000. Cash.
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1000 salvias. Splendens and Bonfire, 2-in., $2.00.
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Santolina R. C., 90c per 100.
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Dwarf schizanthus, 4-in., $5.00 100.
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Aster seed, selected, disbudded, climatic conditions best on earth. Peerless Pink, Violet King, Crego Pure White and Shell Pink, each 25c per trade packet; $1.00 per oz. Superb Late Branching, azure blue, pale lavender, deep crimson, deep rose, rose-pink, shell pink, pure white, each 25c per trade packet; $1.00 per oz. Purity, fine for design work, 50c per trade packet. Early Wonder, pure white and pink, each 25c per trade packet; $1.00 per oz. Queen of the Market, early flowering, shell pink, purple, white, bright rose, crimson, lavender, 20c per trade packet; 60c per oz. Prepaid by mail. Cash, please.
M. J. Callahan, Ventura, Calif.

OUR OWN GROWN.
ASPARAGUS PLUMOSUS NANUS SEED.
Guaranteed true to name.
Ready for delivery now.
NEW CROP.

Lots of	5,000	$2.25 per 1000
Lots of	10,000	2.00 per 1000
Lots of	20,000	1.75 per 1000
Lots of	50,000	1.50 per 1000

Single thousands, $2.50.
LOS ANGELES FLOWER MARKET,
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ASPARAGUS PLUMOSUS NANUS SEED.
New crop—Greenhouse-grown.

Per	1,000 seeds	$ 4.50
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Per	1,000 seeds	$ 1.25
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S. S. PENNOCK-MEEHAN CO.,
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Asparagus plumosus nanus seed, greenhouse grown, $4.00 per 1000; 5000 seeds at $3.50 per 1000; outside grown, $2.25 per 1000. 5000 for $10.00; 10,000 for $17.50. Asparagus Sprengeri, greenhouse grown, $1.00 per 1000 seeds.
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Seed packets and bags. Catalogue, clasp and commercial envelopes, printed or plain. "If it's a Spangler bag it's a good one." Estimates furnished.
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European gladiolus seed from W. Manger & Sons' unrivalled collection. 1000 seeds in original packets, $1.00. Cash with order. H. Youell, 538 Cedar St., Syracuse, N. Y., Agent for U. S. and Canada.

JUST PICKING 30,000 or more fresh Pennsylvania Asparagus plumosus nanus seed, $3.00 1000. Cash with order.
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My catalogue of native tree, shrub and plant seeds now ready. Sent to anyone on application. L. E. Williams, Exeter, N. H.

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Smilax, strong 2½-in., $1.50 per 100—it's worth twice this much, but I need the room; $12.50 per 1000.
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Smilax, fine plants, cut back several times, bushy, out of 2½-in., $1.50 per 100; $12.50 per 1000. J. C. Schmidt, Bristol, Pa.

Smilax from 2-in. pots, several times cut back, $1.50 per 100; $13.00 per 1000.
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Smilax, 2½-in., $2.00 per 100. Cash.
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Smilax. Good, strong, bushy 2-in. plants, $2.00 per 100. Addems, Morgan & Co., Paxton, Ill.

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Snapdragon, florists' giant white, pink, yellow, orange, red, bronze. Strong R. C., $1.00 per 100, $9.00 per 1000; mail 10c per 100; 2¼-in., 2c. Cash.
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Snapdragons, large flowering, 3-in. stock, $4.00 per 100.
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Snapdragons, 2½-in., 2c; rooted cuttings, $1.00 per 100. Cash.
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Snapdragons, giant flowering, white, pink, red and yellow. Fine 2½-in. plants, $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

Snapdragon Rose-Pink, rooted cuttings, $2.00 per 100; $18.00 per 1000.
Adolph E. E. Koch, Nobscot, Mass.

SOFT WOODED PLANTS.

SOFT WOODED PLANTS
In 2½-in. pots.
Alternantheras, ageratums, heliotropes, lemon verbenas, feverfew, geraniums, red, white and pink; daisies, white, yellow and Queen Alexandra; sweet alyssum, double giant; fuchsias, 4 varieties; cupheas, vincas and moonvines.
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Geraniums, coleus, flowering begonias, etc.
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Forcing spiraea clumps, extra quality. Floribunda, $5.00 per 100; $45.00 per 1000. Gladstone, $10.00 per 100; $90.00 per 1000. Superba, $6.00 per 100. Queen Alexander, $12.00 per 100. Blondine, $6.00 per 100. Japonica, $4.00 per 100. No better proposition for Easter or Memorial day.
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Start right by planting Townsend's Thoroughbred strawberry plants; no better grown than Townsend's no matter what you pay. Fall bearing varieties, the best that grow, 75c per doz. Klondyke, Gandy, Missionary, Excelsior, Senator Dunlop, Hoffman, Climax, Haverland, Aroma, $2.50 1000. Chesapeake, Mascot, Stevens' Late, Brandywine, Cardinal, Paul Jones, Three W's, Sample, Parson's Beauty, New Superior, $3.50 1000. Lucretia dewberries, $5.00 1000. Catalogue free, but we will accept your order from the above price list.
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Three million strawberry plants. Varieties: Klondyke, Lady Thompson, Aroma, Excelsior Gandy, $2.00 per 1000.
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Fall bearing strawberry plants, best varieties. Descriptive catalogue free.
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Swainsonas, 2½-in., 3c. Cash.
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Swainsona alba, white; R. C., $1.00 per 100.
John Irvine & Sons, Bay City, Mich.

Swainsona alba R. C., $1.00 per 100; 2½-in., 3c.
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Winter flowering sweet peas. Now is the time to plant them. Order quick. WHITE—Denzer, Mont Blanc. PINK—Christmas Pink, Earliest of All, Mrs. Dolansky, Mrs. Wm. Sim, Mrs. Wild. LAVENDER—Wallace. Well established in 2½-in. pots.
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TRADESCANTIAS. 10,000 Wandering Jew R. C., tricolor and green, 60c per 100, $5.00 per 1000; 2½-in., 2c. Cash. Mailing 10c.
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Tuberoses, Armstrong's Everblooming, $12.50 per 1000; small bulbs, $5.00 1000.
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Cyperus alternifolius (umbrella plant). 500 2½-in., 3c; 500 3½-in., 5c; 400 4½-in., 7c.
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Cyperus (umbrella plants), 2-in. pots, $2.00 per 100. John Irvine & Sons, Bay City, Mich.

Umbrella plants, 3-in., $1.00 per doz. Cash.
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Write to James Ray Geraty, Yonges Island, S. C., to explain how to get a selection of cabbage plants, strawberry plants, asparagus roots and 16 varieties of seed free and make $1.40 for yourself. A very attractive and profitable proposition to every one owning a garden, merchants or farmers.

Seedling tomato plants, Comet and Lorillard, $1.00 100; transplanted,, $2.00 1000; 3-in. pots, 2c. Cash, please.
Riverview Greenhouses, Lewisburg, Pa.

Grand Rapids lettuce plants, strong seed bed plants, true forcing stock, $1.00 1000.
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Write to James Ray Geraty, Yonges Island, S. C., to explain how to get 3000 frost-proof cabbage plants for $1.00. A very attractive and profitable proposition to merchants, farmers and every one owning a garden.

50,000 good, strong Grand Rapids lettuce plants from seed bed, $1.00 1000. Cash.
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Grand Rapids lettuce plants, transplanted, $2.00 per 1000.
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Transplanted Grand Rapids lettuce plants, $2.50 per 1000. Cash.
Loyd C. Bunch, Fredonia, Kan.

50,000 transplanted Grand Rapids lettuce plants, fine, $2.50 per 1000.
Sourdry Bros., Girard, Kan.

RHUBARB. Extra large clumps for forcing, 20c each.
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Lettuce plants, $1.00 per 1000.
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Comet and Lorillard forcing tomatoes, 2½-in., $2.00 100. Roney Bros., West Grove, Pa.

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Lemon verbena rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

VINCAS.

Vinca variegata. Strong rooted cuttings, 90c per 100; $8.00 per 1000; 2¼-in., $2.00 per 100, $18.50 per 1000; 3½-in., strong plants, ready for shift, $6.00 per 100. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Vincas, variegated and green. Strong potted plants, 2-in., $2.00 per 100; $18.00 per 1000. Cash, please.
H. G. Norton, Perry, Lake Co., Ohio.

Vinca green. Strong R. C., 90c per 100, $8.00 per 1000.
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Vinca variegata. Extra strong field-grown plants, $4.00 per 100. Cash.
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Strong Vinca variegata clumps in 3½ and 4-in. pots, $5.00 and $6.00 per 100. Cash.
Russell Bros., R. 4, Syracuse, N. Y.

Vinca variegata, strong 4-in. plants, $10.00 per 100; $80.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Vinca variegata, good sized 4-in., can yet be divided, 8c; 3-in., good ones, ready for 4-in., 5c. Cash. Cherry Park Gardens, Fredonia, N. Y.

Vinca variegata, 4-in., extra heavy, from field, 6c. U. G. Harglerode, Shippensburg, Pa.

Vinca variegata R. C., 90c per 100.
John Irvine & Sons, Bay City, Mich.

Vinca var. rooted cuttings, $1.00 per 100; $8.00 per 1000. Wm. Winter, Perry, Ohio.

Vinca variegata R. C., $1.00 100 prepaid.
Chas. Frost, Kenilworth, N. J.

VIOLETS.

Marie Louise violet blooms now ready. Price for January, A No. 1 quality, $1.00 per 100; $7.50 per 1000. Cash with order, please.
C. Lawritzen, Box 261, Rhinebeck, N. Y.

Violets, hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000.
Storrs & Harrison Co., Painesville, O.

MISCELLANEOUS.

Mme. Salleroi, 2¼-in., 2¼c. Asparagus Sprengeri, 2¼-in., 2c. Cinerarias, choice mixed, 3-in., ready for 4-in., 4c. Marguerite daisies, white, 2¼-in., 2c; 2½-in., extra strong, 3c. Coleus, choice mixed, 2¼-in., 2c. Coleus Crescent, fine variety, 2¼-in., 2c; rooted cuttings, 60c per 100. Petunias, best double, pink, red and variegated, 2¼-in., 3½c. Guaranteed fine plants. Cash.
Hammerschmidt & Clark, Medina, O.

If you are looking for good stock of chrysanthemums, geraniums, cannas, vincas, ferns, etc., write to R. F. Gloede, Evanston, Ill.

POT PLANTS. Send for complete list.
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TO EXCHANGE.

To Exchange—Chrysanthemum Smith's Advance for rooted cuttings of the following carnations: Enchantress, White Enchantress, White Wonder and Gloriosa; Godfrey callas or Beaute Poitevine geraniums. See chrysanthemum adv.
Jos. F. Klimmer Est., 812 Dunlap,
Forest Park, Ill.

To Exchange—Or for cash. 125 3-in. dracaenas, ready for 4's, 6c; 30 5-in. dracaenas, large, 15c; 100 Bostons out of the bench, for 4's, 7c; 250 Boston runners, 3 to 4 leaves, 2c; 125 English ivy, 4-in., 1 and 2 leads, 3 ft. long, 8c for spring bedding stock, geranium cuttings or 2-in. stock.
Mt. Gilead Floral Co., Mt. Gilead, O.

To Exchange—Big strong callas from 5-in. pots, some in bud and bloom, 10c; German ivy, strong well rooted cuttings, $4.00 per 1000, for anything I can use. Let me know what you have. E. A. Muchow, Clarence, N. Y.

To Exchange—Asparagus plumosus, strong 3-in., for geraniums, 2 or 3-in. Boston or Whitmani ferns or Ficus elastica. Besser Floral Co., 232 N. Colorado Ave., Kansas City, Mo.

To Exchange—Pompons, field roots, for geranium cuttings or plants.
Bayside Greenhouses, Cape May Court House, N. J.

To Exchange—Ficus elastica, Piersoni and Whitmani ferns, fine stock, for early struck carnation cuttings, best varieties.
Herms Floral Co., Portsmouth, O.

To Exchange—Poinsettia stock plants for rooted geranium cuttings.
S. F. Stephens, Box 553, Columbus, O.

The CHEAPEST, the EASIEST, and the BEST WAY to get rid of your surplus stock is to use the REVIEW'S classified advs.

To Exchange—300 A. plumosus, strong 2¼-in., $3.00 per 100, for geraniums, rooted cuttings or 2-in. Frank C. Seibert, Wheeling, W. Va.

WANTED.

Wanted—Dwarf Pearl tuberoses, fancy leaved caladiums, Caladium esculentum, Amaryllis Johnsoni, Ismene calathina, Queen Charlotte and Souv. d'A. Crozy cannas for any of these—Indiana, Allemania, Parthenope, Austria, Grand Rouge, King of Bronzes and Musaefolia cannas; Arundo Donax var., Iris verna, giant maximum daisies, the best of all of the large flowering type; also seed of that grand new solanum aculeatissimum, handsomest of all fruiting plants.
L. H. Read & Co., Deer Park, Ala.

Wanted—All kinds of two-yr.-old dormant roses; hydrangeas, Otaksa and Thos. Hogg; azaleas, all colors; lilacs and all kinds of bedding plants for spring blooming. Let me know what you have, with prices per 100.
Devils Lake Greenhouse, Devils Lake, N. D.

Wanted—5000 geranium rooted cuttings, 3000 S. A. Nutt and 2000 Poitevine. Kaufmann Bros., Sta. D., R. R. 2, Milwaukee, Wis.

CARNATION STAPLES.

Pillsbury's carnation staples, 50c per 1000. Postpaid. I. L. Pillsbury, Galesburg, Ill.

CUT FLOWER BOXES.

Folding cut flower and corrugated design boxes. See our display adv. Write for price list.
The Sefton Mfg. Co., 1333 W. 35th St., Chicago.

Buyers of corrugated shipping boxes, send for catalogue just issued. See display adv.
Hinde & Dauch Paper Co., Sandusky, O.

Folding cut flower boxes, the best made. Write for list. Holton & Hunkel Co., Milwaukee, Wis.

DECORATIVE MATERIAL.

Write for our special price on a special lot of dagger ferns.
Try our laurel festooning for your decorations, only 5c per yd.; 10 yds. free with first order.
Crowl Fern Co., Millington, Mass.

FLOWER COLORINGS.

CYACEINE FLOWER COLORING, yellow, orange, pink, blue, green, American Beauty, 20c per qt. by mail.
C. R. Cranston, 146 Orchard St., Auburn, R. I.

GOLD FISH.

GOLD FISH.
We are now shipping
Extra fancy crop.
FANCY LONG TAILS
FANTAILS
TELESCOPES
If you have not our price list
A post card will bring it.
GLEN MARY FISH FARM,
Chas. Pommert, Prop., Amelia, O.

MATS.

MATS.
For hotbeds and coldframes. The most practical and cheapest on the market. Send for circular and price list. Watts Bros., Kerrmoor, Pa.

POTS.

Standard Flower Pots. If your greenhouses are within 50 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts. N. E., Washington, D. C.

We make Standard Flower Pots, etc.
Write us when in need.
Wilmer Cope & Bro.
Lincoln University, Chester Co., Pa.

"NUF SED." Best red pots are made by
Geo. E. Feustel, Fairport, Iowa.

RAFFIA.

Raffia. Red Star and 3 other grades. Bale lots or less. Colored raffia, 20 colors. Write for prices.
McHutchison & Co., 17 Murray St., New York.

Raffia (colored), 20 beautiful shades. Samples free. R. H. Comey Co., Camden, N. J.
Or 2440-2454 Washburne Ave., Chicago.

SPHAGNUM MOSS.

SPHAGNUM MOSS. Single 10 bbl. bales, $4.00; in lots of 5 bales, $3.75 each.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Sphagnum moss, clean stock; 12 bbl. bale, $3.50. Green moss, in bbls., $1.00 per bbl.
James Day, Milford, New Hampshire.

SPRINKLERS.

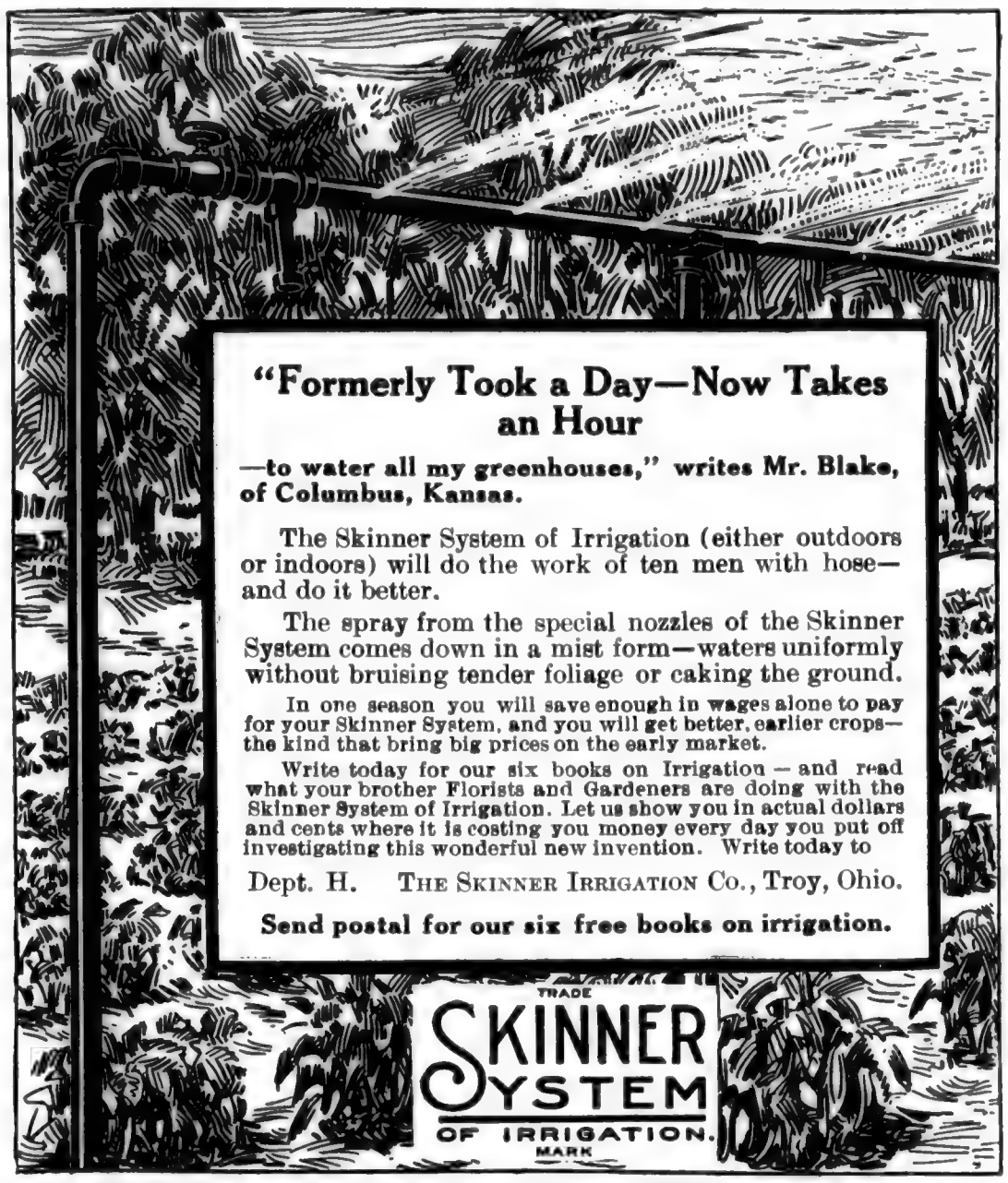
Spray with Paris Green both sides of foliage. Ask for K's Sprayer. J. Kopcsay, So. Bend, Ind.

TOBACCO.

Fresh tobacco stems, in bales, 200 lbs., $1.50; 500 lbs., $3.50; 1000 lbs., $6.50; ton, $12.00.
Scharff Bros., Van Wert, Ohio.

Tobacco dust for dusting, 100 lb. sack, $1.75; 200 lbs., $3.00. G. H. Hunkel, Milwaukee, Wis.

Fresh tobacco stems, 65c per 100; $12.00 per ton. F. O. B. N. D. Mills, Middletown, N. Y.



Mention The Review when you write.

IF
YOU CONTEMPLATE BUILDING GREENHOUSES
CONSIDER FIRST
KING GREENHOUSES
THEY ARE UP-TO-DATE, SCIENTIFICALLY DESIGNED, LONG-LIVED, AND TRULY ECONOMICAL.
PRIVATE GREENHOUSES
ARE GIVEN SPECIAL ATTENTION AS TO ARCHITECTURAL EFFECT AND PRACTICABILITY.
King Construction Co.
Home Office and Factory, NORTH TONAWANDA, N. Y.
Eastern Sales Office, No. 1 Madison Avenue, NEW YORK

Mention The Review when you write

WIRE WORK.

Florists' wire designs and hanging baskets.
Wyandotte Wire Works Co.,
700-702 Ferry St., Kansas City, Kan.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
166 North Wabash Ave., Chicago.

FALLS CITY WIRE WORKS,
451 S. Third St., Louisville, Ky.

William E. Hielscher's Wire Works,
38 and 40 Broadway, Detroit, Mich.

Wm. H. Woerner, 520 N. 16th St., Omaha, Neb.

Geneva, N. Y.—W. & T. Cass report an unusually good season in the nursery branch, owing to the open winter. Just before Christmas they shipped the biggest batch of flowering plants in their experience. Carnation White Wonder is quite popular here.

Auburn, N. Y.—Alfred Patrick expects to make considerable changes in his business after Easter, as increasing demand requires it. Arch. Patrick has charge of the store and makes it quite attractive. A new design is placed in the window daily, if possible, surrounded with suitable plants, and the effect is catchy.

Beaumont, Tex.—Mrs. Bessie Weissinger, formerly a member of the Beaumont Floral Co., at Orleans and Bonham streets, has purchased the business of the Southeast Texas Floral Co. C. J. Axelson, who has been connected with the latter company as general manager, will continue to act in the same capacity for the new proprietor.

SMITH, LINEAWEAVER & CO.
COAL
Anthracite, Bituminous, Coke and Gas Coal
West End Trust Building, Philadelphia

Greenhouse Heating.

THE fuel problem has begun to press some of the neglectful ones. The severe cold wave has been of unprecedented length, not only increasing coal consumption but tying up freight traffic for an unusually long time. No grower should let winter come upon him without a good reserve supply of fuel. To do so is simply to invite the worries that bring gray hair.

CONSTRUCTION OF IRON STACK.

We recently ordered a new smokestack through a local firm and we find that, instead of having the joints lap like a stove pipe, it has every other section riveted on the outside so it gives the water a chance to run into the smokestack from the outside. We should like to ask your heating department whether that is the proper way to construct a smokestack. G. F. C.

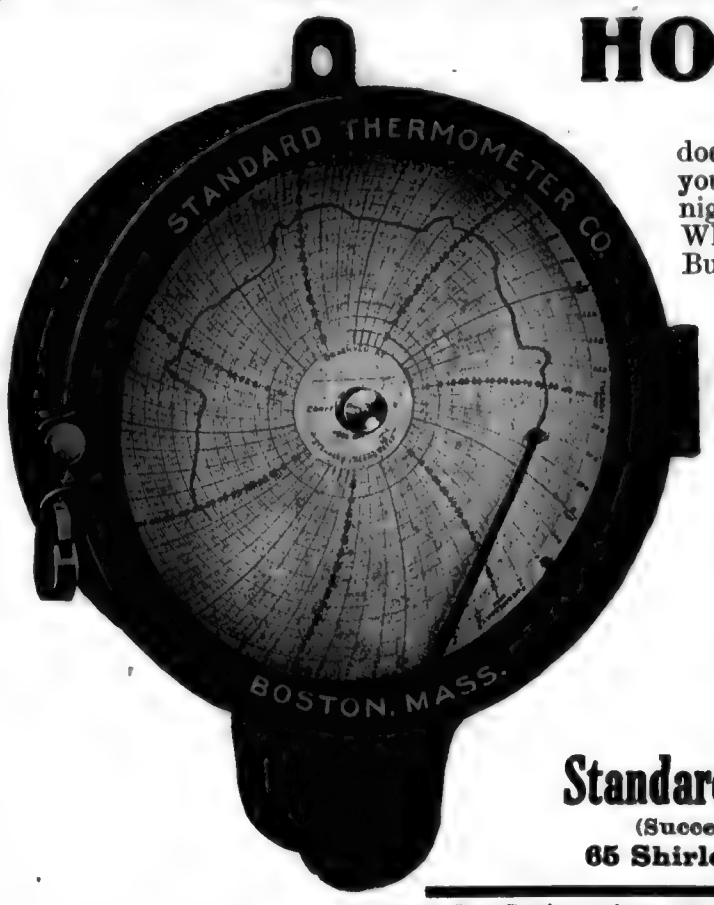
Smokestacks are made like the one described and also with one section overlapping the section next below it, either on the outside or on the inside, the latter form being preferable. One objection to having the upper section lap over the outside of the lower section, is that the creosote and other products of combustion condense inside the chimney and, running down, soak out through the cracks and stain the outside of the chimney. The small amount of water which will work inside the chimney will do practically no harm. It has also been found that a better draft can be obtained when the lap of the sections is the other way.

CONTROL OF TEMPERATURES.

Kindly submit the following to your heating expert: We have two connected houses, each 18 x 75, without a partition between them. In each house there are three benches. The outside benches are against the walls, with three 2-inch pipes beneath. There are two pipes near the side of each narrow bench and two at each side of the wide center benches, but all pipes are under the benches. The houses have been used only two weeks and everything works finely except in one particular. The experts said we could maintain a rose temperature in one house and a carnation temperature in the other. We find that the best we can do is to produce a difference of 3 degrees in the north house by shutting off pipes in the south house, except when the wind is in the south, when the difference is 5 to 7 degrees in favor of the north house. How can we remedy this? What is the objection to having heating pipes under rose or carnation benches? These houses are even-span and we find that the south house somewhat shades the north house. Will it be advisable to put either roses or carnations in the north house?

If this can not be arranged satisfactorily, we expect to erect another house, 18 x 75, connected to the present south house and to be used especially for roses. This house would be entirely separate from the rest, with a walk at the south side and with heating pipes on the walls; or how is it best to

HOW MUCH



does the temperature vary in your greenhouses during the night, or when you are absent? What's that—you don't know? Buy a

STANDARD
RECORDING
THERMOMETER

and find out. It has saved hundreds of dollars for many florists and may do as much for you. Your plants and stock require certain steady temperatures. Use this thermometer and you will know whether they are getting what they need. It leaves a written record under lock and key.

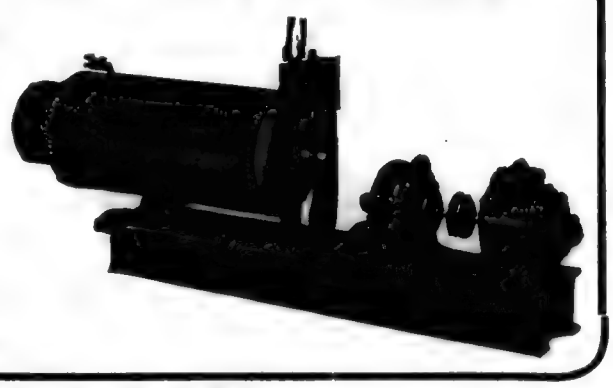
Send for Circulars

Standard Thermometer Co.,
(Successors to Parker Mfg. Co.)
65 Shirley St., BOSTON, MASS.

Mention The Review when you write.

COAL! BETTER TO SAVE COAL THAN BUY IT CHEAP

Our Automatic Electric Condensation Pump
SAVES 20% TO 50% COAL.
Draws Water and Air out of the Heating System.
Returns Condensation Water to Boilers.
Makes Heating Uniform
SAVES LABOR
Write for particulars.



CHICAGO PUMP CO.
906-910 W. Lake St., CHICAGO, ILL.

Mention The Review when you write.

Pipe Fittings -- Imico Boilers
FOR GREENHOUSE WORK
ILLINOIS MALLEABLE IRON CO.
1801-1825 DIVERSEY BOULEVARD—CHICAGO

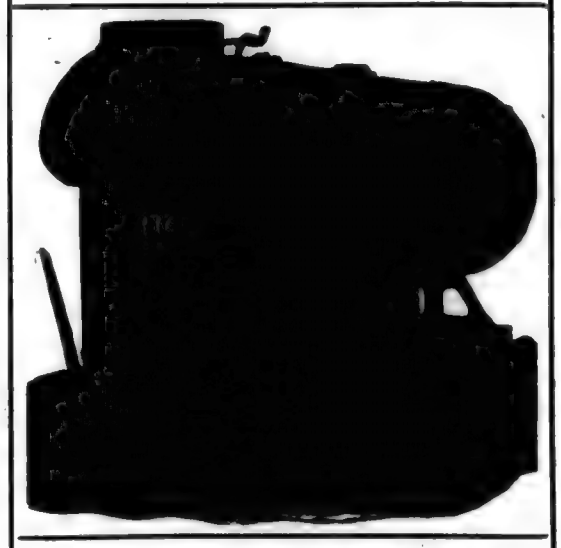
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CAN YOU
MAKE OUT A LIST NOW
of your needs in PIPE and FITTINGS, so that we can estimate on them?
It may save you money.
WHETSTONE & CO.
911 Filbert Street, Philadelphia, Pa.

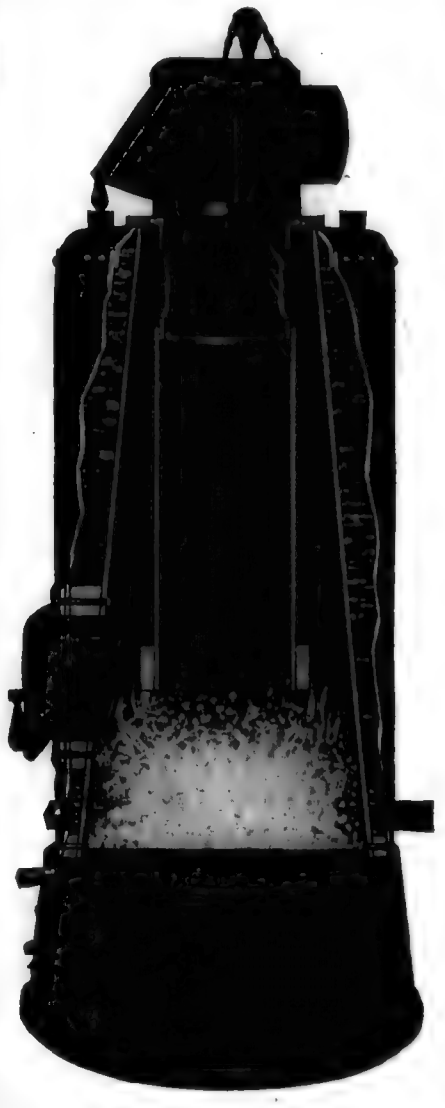
DO YOU KNOW ABOUT THE
Martin Rocking Grate
IT SAVES COAL
MARTIN GRATE CO., 343 S. Dearborn St. CHICAGO.

Mention The Review when you write

IMPROVED RETURN TUBULAR FIREBOX BOILER



Johnston Heating Co.
131 E. 26th St., New York City



COLD WEATHER

DOES NOT BOTHER THE FLORIST
WHO USES THE

Wilks Hot Water Boilers

MADE ENTIRELY OF STEEL

S. WILKS MFG. CO., Chicago. January 13, 1912.

Gentlemen:—

We are having the very best results from the big boiler (30x48 Wilks Heater) now in use on the farm, and I cannot too highly congratulate you on the way it is giving us service, for this morning we have 36 degrees below zero and the "big fellow" just kept the greenhouse standing at 57 degrees from 8 o'clock last night until 6 o'clock this morning without any attention.

Yours very truly,
H. F. BOTT, Altoona, Pa.

SEND FOR CATALOGUE AND PRICES.

S. WILKS MFG. CO., 3523 Shields Ave., Chicago, Ill.

have the pipes for roses only? How many 2-inch pipes will be needed? We have a Scotch marine boiler, of fifteen horse-power. Will it heat the whole range sufficiently? We have two 2½-inch flows in each house and should like to have the same arrangement in the proposed house. If we erect this south house for roses, we shall use the middle house for carnations and the north house for bedding plants. What fault can you find with this arrangement, considering that there is no partition wall between the two present houses? Our location is northern Ohio.

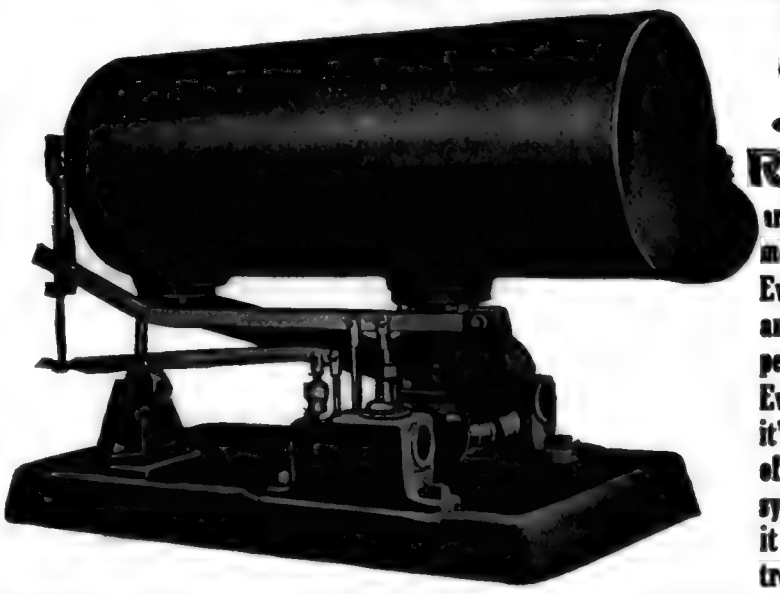
A. A. C.

If there is no partition between the houses and each house contains two 2½-inch flow pipes and nine 2-inch pipes, it is not strange that there should be only a slight variation in the temperature, as there could only be such a difference as would be due to unequal exposure, or to the wind. Both houses seem to be piped about right for roses. If one house is to be used for carnations—and the north house would be the better for them—it should be shut off from the other house and the circulation cut off in two or three of the return pipes.

It is generally a good thing to have at least one-half of the return pipes under the benches in both rose and carnation houses, but a better circulation can be obtained when the flow pipes are on the plates, or overhead. Especially when steam pipes are placed under the benches, care must be taken to wet down the beds so that the under portion of the soil does not dry out, as will often be the case when the watering is carelessly done.

If a rose house, 18 x 75, is to be built, it can be heated by means of two 2½-inch flow pipes and nine or ten 2-inch returns; the latter number should be used if there are two feet of glass in the south wall, as will be desirable. A fifteen horse-power boiler should prove amply large for three houses, each 18 x

An Innovation in Steam Trap Design and Construction



THE NEW
"Detroit"
RETURN TRAPS

are devoid of all unnecessary mechanism.

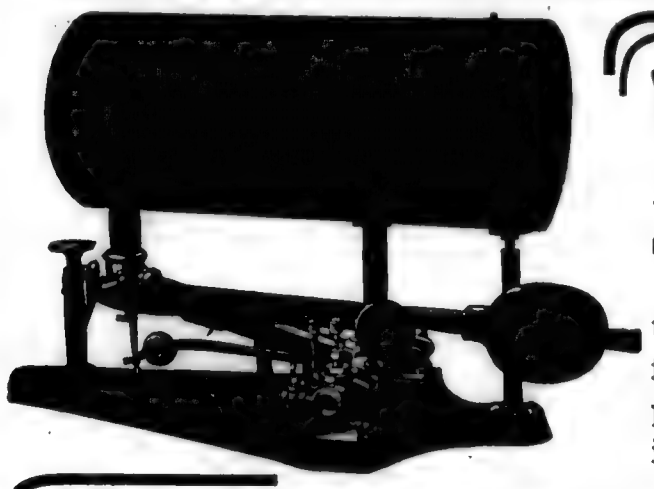
Every part designed, manufactured and assembled with the idea of permanence foremost.

Every tilt of the trap shows that it's working—draining every drop of condensation from the heating system and automatically returning it to the boiler—no pumps—no trouble.

Condensation is the purest kind of boiler feed water. Don't waste it. Return it directly to the boiler by "Detroit" Return Traps and prevent scale formation.

Ask us to mail you advance bulletin, No. 320-FR.

AMERICAN BLOWER COMPANY
DETROIT, MICH.
U. S. A.



Where There Is Condensation

—there is need for a Morehead Steam Trap. Condensation in steam lines is akin to matter out of place—means wasted energy.

If your lines are sluggish—if your houses are not of uniform temperature, write us. We guarantee to drain your lines perfectly—return the pure, hot condensation to your boiler without pump or injector or make no charge for the trial. Obey that impulse—write now.

Morehead Manufacturing Company

Dept. "M," DETROIT, MICHIGAN

—Stocks Carried in—

New York, Chicago, Wichita, Kan., New Orleans, La., Philadelphia, Birmingham, Ala., Memphis, Tenn., Los Angeles, Chatham, Ontario, San Francisco

75 feet. The proposed plan for using the houses should work satisfactorily if the north house is used for plants that grow well at 55 to 60 degrees, and if a part of the radiation is shut off in the carnation house. While a temperature of 50 degrees answers well for most kinds of carnations, some varieties like 52 to 55 degrees, but none of the common varieties of roses do well unless kept at about 60 degrees and a few sorts should have 63 degrees.

BOILER PROBABLY TOO SMALL.

I have one greenhouse, 20 x 66, with 4-foot side walls and a height of about nine feet to the ridge, and with two feet of glass in the south wall. The house is attached to the west side of my dwelling. There is a glass partition, making two rooms, 20 x 30 and 20 x 36. I heat the east room to 50 degrees and the west room to 45 degrees. The outside temperature in this part of North Dakota frequently ranges from zero to 20 degrees below. I have a Wilks boiler, 30 x 42, with a 3-inch opening. I use hard coal. Will this boiler heat another house, 22 x 40, built on the west end? It will have an iron frame, with a cement wall six feet high, three feet under the ground level and three feet above the ground. There will be thirty-two inches of glass in the south side and the west end. I want a carnation temperature. The boiler is in a pit, eight feet deep, north of the west house and near the center.

A. D. S.

To maintain temperatures of 50 and 45 degrees, respectively, in the two rooms, under the severe conditions mentioned, will require at least 450 square feet of radiation, and the house which it is proposed to add will require nearly as much more. A Wilks heater with a grate measuring 30 x 42 inches is rated by the manufacturers as good for 600 square feet of radiation and hence it would be hardly safe to use it for heating both houses. While the grate areas in the Wilks heaters are unusually large for their rating and they might exceed it for short periods, there would necessarily be a waste of fuel.

Detroit, Mich.—M. Bloy delivered an address before a prominent organization of society ladies January 10, his subject being "Hardy Roses; Their Care and Protection."



A Steady Pressure

will always be maintained in your steam pipes, no matter how the pressure at the boiler fluctuates, if you equip your main lines with these valves. Carry 40 or 50 pounds pressure on the boiler, set the

Hughson Regulating Valve

to carry 5 or 10 pounds on the line and you will always have a reserve in case of a sudden drop in temperature. This valve saves both fuel and worry. Ask for catalogue and particulars.

Hughson Steam Specialty Co.
5021-3 S. State St., Chicago

50% SAVED

Pipes, Flues

and casing thoroughly overhauled and guaranteed. Greenhouse fittings of every description.

ILLINOIS PIPE & MFG. CO.
2115 S. Jefferson Street. CHICAGO

Ford & Kendig Co.

"Spellerized" Wrought Pipe

Especially adapted for Greenhouse Work, Fittings, Valves, Tools, etc.

24th and Wood Sts. PHILADELPHIA, PA.

HIGH-GRADE BOILERS

Get Our Catalogue For GREENHOUSES
STEAM and HOT WATER

GIBLIN & CO., 109 Broad Street, UTICA, N. Y.

What's This?



IT'S THE NEW

PERFECTION FLUE CLEANER

and we want to send it to you for **30 days' FREE trial.**

The Perfection will clean welded flues as well as old ones; remove scale from tubes without cutting metal; clean hot or cold flues without changing temper; can be operated by flexible handle.

The knives are always sharp.
Heads are drop steel forgings.
Hundreds now in use by florists.

Scully Steel & Iron Co.
Ashland Ave. and 24th St., Chicago, Ill.

WRITE TO

Geo. B. Limbert & Co.

557 Fulton St., CHICAGO

For Prices on

Genuine Wrought Iron Pipe

Ask For Catalogue.

THE QUICKEST WATER HEATER IN THE WORLD



Establishment of Christ. Winterich, Defiance, Ohio. A No. 12 Kroeschell Boiler heats entire plant, including hotbeds.

WHAT THE USERS SAY ABOUT KROESCHELL BOILERS

Kroeschell Boilers Give Satisfaction

Your No. 12 Kroeschell Boiler is taking care of 18,000 sq. ft. of glass, and it will carry 24,000 sq. ft. of glass, and maybe 30,000 sq. ft. of glass. Have no trouble keeping temperature at 50° to 60° in the coldest weather. Fire boiler in fall and spring late in evening and again early in morning; during the winter season I have a night man. Boiler has given entire satisfaction.

I had three cast iron boilers, but the Kroeschell is the quickest heater, and I can safely say that it saves 20% of fuel, at least, compared to the cast iron boilers I had.

The Kroeschell Boiler for me.

CHRIST. WINTERICH, Defiance, Ohio.

444

Burnham Boilers Best

Lord and Burnham Co.

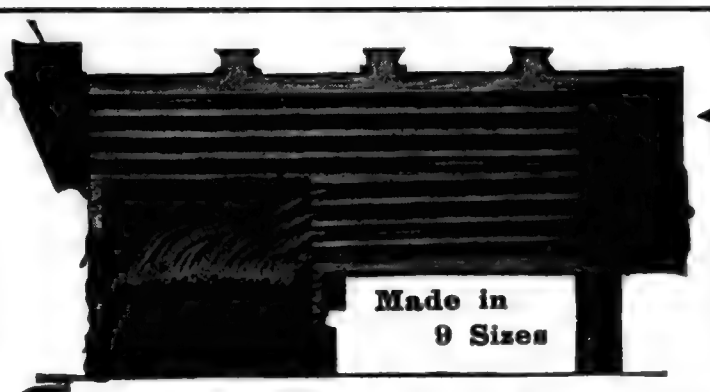
FACTORIES:
IRVINGTON, N. Y.
DES PLAINES, ILL.

New York
Boston
Philadelphia
Chicago

Mention The Review when you write.

Freeport, Ill.—The Freeport Floral Co. "swapped" stores January 8 with a local tea concern and is now located in the latter's former store at 79 Stephenson street.

Schenectady, N. Y.—The name of Felthousen has been connected with the Electric City for half a century, both father and son having establishments that turn out annually thousands of bedding plants, and they are increasing the area of glass to meet increasing demands.



More Heating Surface

and less water space than is contained in any other boiler. (Note the many flues set close together.) This is one reason why the users of the

"Superior Standard" Greenhouse Boilers

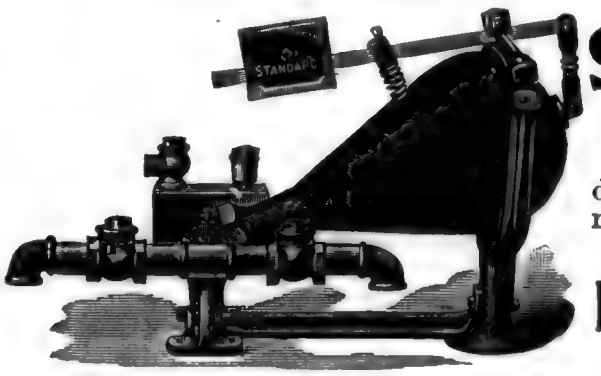
find them perfectly satisfactory. We frequently receive re-orders from florists who have tested these boilers thoroughly and found them even "Superior" to our claims.

Why not ask for full particulars today? A postal to us will bring a prompt reply.

SUPERIOR MACHINE & BOILER WORKS

Superior and Green Sts., CHICAGO, ILL.

Mention The Review when you write.



STANDARD
STEAM TRAPS

The simplest, most durable and up-to-date steam trap on the market. Ask the man who owns one.

Catalogue sent on request

E. Hippard Co.
YOUNGSTOWN, OHIO



MT. GILEAD POTTERY CO., Mt. Gilead, Ohio

Successors to SMITH-THOMAS POTTERY

Manufacturers of CHERRY RED STANDARD POTS of all sizes

Our clay is mined from the old Morrow County Beaver Swamp, which enables us to furnish florists with pots noted for strength, porosity, beauty in color, lightness in weight and smoothness in surface, making them especially adapted to the successful growth of plants.

Our factory is equipped with new and up-to-date machinery. Our capacity is greater and our warehouse full of stock. We are ready to give all orders prompt attention. Give us your order and we will satisfy you.

OUR PRICES WILL INTEREST YOU. PRICE LIST ON APPLICATION

Mention The Review when you write.

ROCHESTER, N. Y.

The Market.

The longest cold spell in many years, with the thermometer hovering about zero, paralyzed business last week, the dullness being felt by all the local florists. Notwithstanding the cold, there was a great deal of sunshine, and carnations especially came into the market in great quantities, although the quality was not especially good.

No sooner had the Christmas specials been put aside than the spring flowers began to pour into the market, and they are seen everywhere. There are enough flowers in all lines to take care of the demand, with no great glut in any of the items.

Various Notes.

At the meeting of the bowling club last week the attendance was small, due undoubtedly to the severe weather. Mrs. Edwin Wilson made a high score.

J. B. Keller Sons are growing fine daffodils for cutting, and splendid yellow and red tulips in pans.

George Hart and William Keller are home from the Detroit rose show.

[Continued on page 86.]

Syracuse Red Pots

"A little pot is soon hot"; so is a thin pot. Our pots are much thinner and tougher than others. It's the quality of the clay. Write for our latest price list if you did not get one.

Syracuse Pottery Co.

SYRACUSE, NEW YORK



GEO. KELLER & SON

Manufacturers of

RED POTS

Before buying write for prices.

2614-2622 Herndon Street

Near

Wrightwood Ave., CHICAGO, ILL.

Kramer's Pot Hanger

For Sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, $1.00 per doz. by express. Sample doz. by mail, $1.25.

I. N. KRAMER & SON, Cedar Rapids, Iowa

RED STANDARD POTS Prices per 1000, F. O. B. Harrison

2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80.

Cash must accompany order.

HARRISON POTTERY, Harrison, Ohio

Mention The Review when you write.

SAVE MONEY

by having your small pots uniform. It **costs less** to buy **small pots** all of **one size** than to waste room with odds and ends which mean some plants start well and some poorly.

For THE BEST Flower Pots, write

THE WHILLDIN POTTERY CO.

PHILADELPHIA JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.

ALL ORDERS SHIPPED WITHIN TWENTY-FOUR HOURS AFTER RECEIPT

For "Pot Luck" Try Us

HEWS STANDARD POTS

POT MAKERS FOR 140 YEARS

World's Largest Manufacturers

Write for Catalogue and Discounts

A. H. HEWS & CO., Inc.

Established 1765

CAMBRIDGE, MASS.

Pearson St., Long Island City, N. Y.

IONIA POTS ARE STRONG

Always burned to the same degree of hardness. Our kilns are equipped with heat-measuring pyrometers and other up-to-the-minute improvements. Every detail of manufacture, from the clay bank to the strong crates in which Ionia pots are carried to you, marks an advancement over old-time methods. Let us have your order now. We will ship when you are ready.

REMEMBER, that we solved the breakage problem years ago. **IONIA POTTERY CO., IONIA, MICH.**



All the Clay For Our Florists' Red Pots

Is prepared by passing through a screen 1600 meshes to the square inch. If in a hurry for pots order from us. We can ship over five lines of railroad, by river or interurban. Write for catalogue showing all the articles we make for florists' use.

THE PETERS & REED POTTERY CO., - Zanesville, Ohio

PENNSYLVANIA

is the state to get the nice Red Standard Pots, Pans, Azalea Pots, etc., and **NORRISTOWN** is the town where they manufacture them and burn them a nice red color. **Try us** and see if they are not just as cheap, too.

THE KELLER POTTERY CO.

213-223 Pearl St., NORRISTOWN, PA.

RED

Standard Flower Pots

Price list and samples on application.

PADUCAH POTTERY CO., INC.

PADUCAH, KENTUCKY

Standard Red Pots

Price list and samples on application.

We carry a complete line of Florists' pots.

Weis & Schmidt Pottery Co.

MILWAUKEE, WIS.

Tobacco Paper **"NICO-FUME"** **LIQUID**

Is the STRONGEST, BEST PACKED, EASIEST APPLIED

24 sheets.....$ 0.75
144 sheets..... 3.50
288 sheets..... 6.50
1728 sheets.....35.10

Furnishes the Most Nicotine for the Money!

Mfd. by THE KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

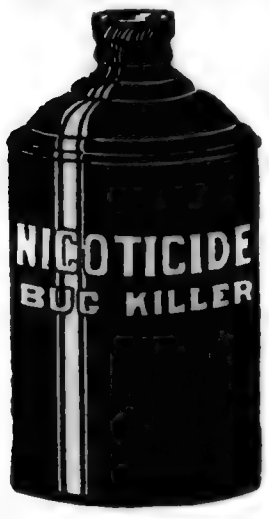
Over 40% Nicotine

By far the CHEAPEST.

Just Note Prices!

Pint .....$ 1.50
½ Gallon..... 5.50
Gallon 10.50
5 Gallons 47.25

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THE BEST Bug Killer and Bloom Saver

Drop us a line and

We will prove it

P. R. PALETHORPE COMPANY

Dept. A,

Owensboro, Ky.

TO-BAK-INE KILLS BUGS

ASK

E. H. HUNT

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Cattle Manure in Bags

Shredded or Pulverized



Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unequaled for all field use. Write for circulars and prices.

The Pulverized Manure Company

33 Union Stock Yards CHICAGO

NIKOTEEN APHIS PUNK

Made by the Nicotine Mfg. Co., St. Louis, Mo.

The most effective and economical material there is for spraying Plants and Blooms. Skillfully extracted from Leaf Tobacco and carefully refined, it is clean and easy to apply. Does the work when vaporized, either in pans, on pipes or over flame. Full pint bottles, $1.50. Specially prepared for fumigating closed houses. It vaporizes the Nicotine evenly and without waste. Nothing keeps a house free from Aphis so cheaply. ALL SEEDSMEN.

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Nature's Best Fertilizer is Sheep Manure

Sheep's Head Brand furnishes the valuable organic matter and humus necessary to grow crops. It improves the mechanical conditions of the soil.

Makes compact clay more open and porous, makes light, sandy soils more retentive of moisture, keeps soluble plant foods within reach of rootlets of growing vegetation.



Farmers, orchardists, florists, truck and market gardeners should send for our book "Fertile Facts" to learn how properly and most effectively to fertilize the soil.

NATURAL GUANO CO.

Dept. 28, Aurora, Illinois

LEMON OIL CO.'S STANDARD INSECTICIDE

SOLUBLE IN WATER NO ODOR, NO POISON

Guaranteed under the Insecticide Act, 1910. Serial No. 321.

If you want an insecticide to destroy insects on plants, Mealy Bug, Brown and White Scale, Thrips, Red Spider, Black and Green Fly, Mites, Ants, etc., we have it. Our insecticide destroys these pests, at the same time leaves no disagreeable odor. Poisonless—is harmless to user and plant.

Recommended and used by the leading seedsmen and florists throughout the country.

A favorite in chicken houses, and for killing insects in the homes. An excellent wash for dogs and other animals: It relieves mange.

½-Pint, 25c; Pint, 40c; Quart, 75c; ½-Gallon, $1.25; Gallon, $2.00; 5-Gal. Can, $9.00; 10-Gal. Can, $17.50

Dilute with water 30 to 50 parts.

Manufactured by

LEMON OIL CO.

Dept. H, 420 W. Lexington St., BALTIMORE, MD.

Directions on every package.

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Aphine

The Insecticide that kills plant Lice of every species

Destroys green, black, white fly, thrips, red spider, mealy bug, scale and all plant sucking insects. An excellent cleanser for decorative stock.

$2 50 per gallon—$1.00 per quart.

U. S. and Canada.

FUNGINE

Has no equal for destroying mildew, rust and other plant fungi.

Fungine will cure bench rot, and is proving an excellent remedy for the protection of cuttings and young stock against the various blights.

$2.00 per gallon—75c per quart.

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FOR SALE BY SEEDSMEN

Manufactured by

APHINE MANUFACTURING CO.

MADISON, N. J.

Green Flies and Black ones too

are easy to kill with

The Fumigating Kind Tobacco Powder

$3.00 per bag 100 lbs.

Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?

THE H. A. STOOTHOFF CO., MOUNT VERNON, N. Y.

ACME NICOTINE INSECTICIDES

Sold Direct to the Grower.

Acme 30 Per Cent Nicotine Liquid,
Pint $1.10— Gallon $8.00

Acme 45 Per Cent Nicotine Liquid,
Pint $1.75—Gallon $12.50.

Acme Nicotine Fumigating Paper,
Each sheet 17½ inches long.
Packed in air tight cans.
24 Sheets 60 Cents. 288 Sheets $5.50.
1728 Sheets $31.50.

J. P. BEERMAKER, 9 Washington Avenue, ST. LOUIS, MO.

Tobacco Stems

Strictly clean and strong, from high grade cigar tobacco only. Freshly stripped and baled daily at factory in 300-lb. bales. Large or small orders promptly shipped. Write or phone if you want A No. 1 Tobacco Stems.

H. MUNSON Telephone North 572. 1405 Wells St., CHICAGO

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ROCHESTER NOTES.

[Concluded from page 84.]

Mrs. Felix Alberts, who had gone to Denver, Colo., for her health, found that the climate there did not agree with her and it was necessary to go to Phoenix, Ariz., where she is improving.

George Boucher has several big jobs booked for the latter part of January.

H. C. Milligan, representative of the Roseville Pottery Co., of Zanesville, O., called on the trade last week.

A. N. Pierson, Inc., is shipping some excellent gardenias and Killarneys into this market.

The William Scott Co., of Corfu, N. Y., had a failure in their sweet pea crop early in the season, but the second crop is coming on in fine condition.

J. M. Keller's talk on "Perennials" at the regular monthly meeting of the Florists' Association was a good one. Lunch was served.

The annual meeting of the Western New York Horticultural Society takes place January 24 to 26 at Convention hall. Programs can be obtained from John Hall, 204 Granite building.

E. C. A.

Club Meeting.

Not only was there a large number present at the annual meeting of the Rochester Florists' Association, held January 8, but much enthusiasm was shown. The following officers were elected: President, John Dunbar; vice-president, C. B. Ogsten; secretary, H. B. Stringer; treasurer, W. L. Keller; trustees, George G. Boucher, F. Schlegel, R. G. Salter.

The retiring president, George B. Hart, was given a vote of thanks for his efficient administration. No action was taken on the resolution introduced by Fred W. Vick to reduce the annual dues from $2 to $1, a motion to table the resolution until the February meeting prevailing. At the conclusion of the meeting luncheon was served. It is planned to continue the monthly addresses and at the February meeting George Arnold will discuss "Annuals."

GET OUR PRICES ON

Galvanized Wire Rose Stakes and Tying Wire

Manufacturers of the Model Plant Supports for Carnations, Dahlias, Golden Glow, Peonies, Chrysanthemums and Tomatoes. Lawn Fence, Flower Bed Guard, Trellis.

IGOE BROTHERS

63-71 Metropolitan Avenue, BROOKLYN, N. Y.

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TILE or PIPE FRAME **BENCHES**

Write for prices. Drainage perfect.

TILE BOTTOMS 12 x 24 and 9 x 24

Furnish any quantity.

The Camp Conduit Co. 718 Garfield Bldg., CLEVELAND, O.

Mention The Review when you write.



Write for Catalogue.

Tree Tubs and Brass Hoop Jardinieres.

The extension stave foot prevents the bottom from rotting. No chance for water to collect.

The American Woodenware Mfg. Co.
Toledo, Ohio, U. S. A.

Always mention the Florists' Review when writing advertisers.

STANDARD PUMP & ENGINE CO. PUMPING ENGINES CLEVELAND, O. U.S.A.

YOUR RAIN

Is always ready if you have a

Standard Pumping Engine

THIS is the case whether you want the "rain" in the field or in the greenhouses. Standard Pumping Engines are always ready for instant service, because **reliability** is the keystone of their construction. Either gas or gasoline can be used for fuel. The supply of water may be drawn from wells or cisterns, lakes or rivers, and can be pumped direct into the pipe lines for spraying, irrigating or applying liquid fertilizers, or the water can be pumped into elevated storage or air pressure tanks, if that system is preferred.

No laborious "hand power"—No waiting for favorable winds—No expense raising steam to get ready. Your expense for operation starts and stops with the engine. No extras.

ASK FOR CATALOGUE No. 10

The Standard Pump & Engine Co.

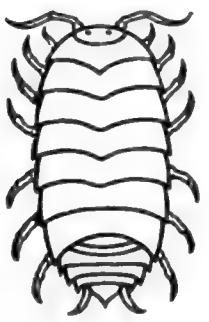
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Hammond's "SLUG SHOT"

Cleans out the Sow Bug



OR

Wood Louse

IN GREENHOUSES.



Sold by the Seed Dealers of America

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DREER'S "RIVERTON SPECIAL" PLANT TUB



No.	Diam.	Each	Doz.	100
10	20 in.	$1.45	$16 00	$130.00
20	18 in.	1.30	14.00	115.00
30	16 in.	1.00	11.25	92.00
40	14 in.	.65	7.00	56.00
50	12 in.	.45	5.00	40 00
60	10 in.	.38	4 00	32.00
70	8 in.	.30	3.50	28.00

Manufactured for us exclusively. The best tub ever introduced. The neatest, lightest and cheapest. Painted green, with electric-welded hoops. The four largest sizes have drop handles.

HENRY A. DREER, Seeds, Plants, Bulbs and Supplies **714 Chestnut St., PHILADELPHIA, PA.**

A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

NEW YORK BELTING AND PACKING CO. LTD

91-93 CHAMBERS ST. NEW YORK

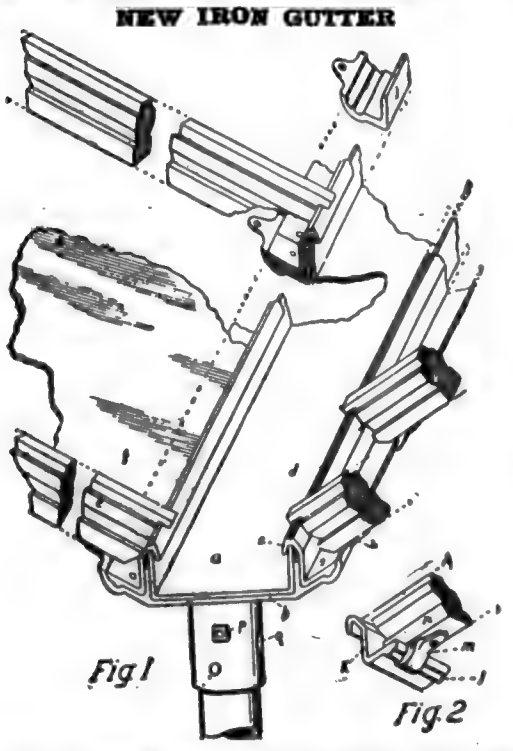
PHILADELPHIA, PA. PITTSBURGH, PA.
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Metropolitan Material Co.

1398-1410 Metropolitan Ave., BROOKLYN, N. Y.

NEW IRON GUTTER



One of the features of this gutter is that it can be put up in wrought iron, running to bars for any size glass.

These are only a few of the many latest and up-to-date materials we have. Get our prices on **Greenhouse Louisiana Cypress** material, **ventilating, bench materials, hotbed sash,** etc.

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CALDWELL TANKS and TOWERS

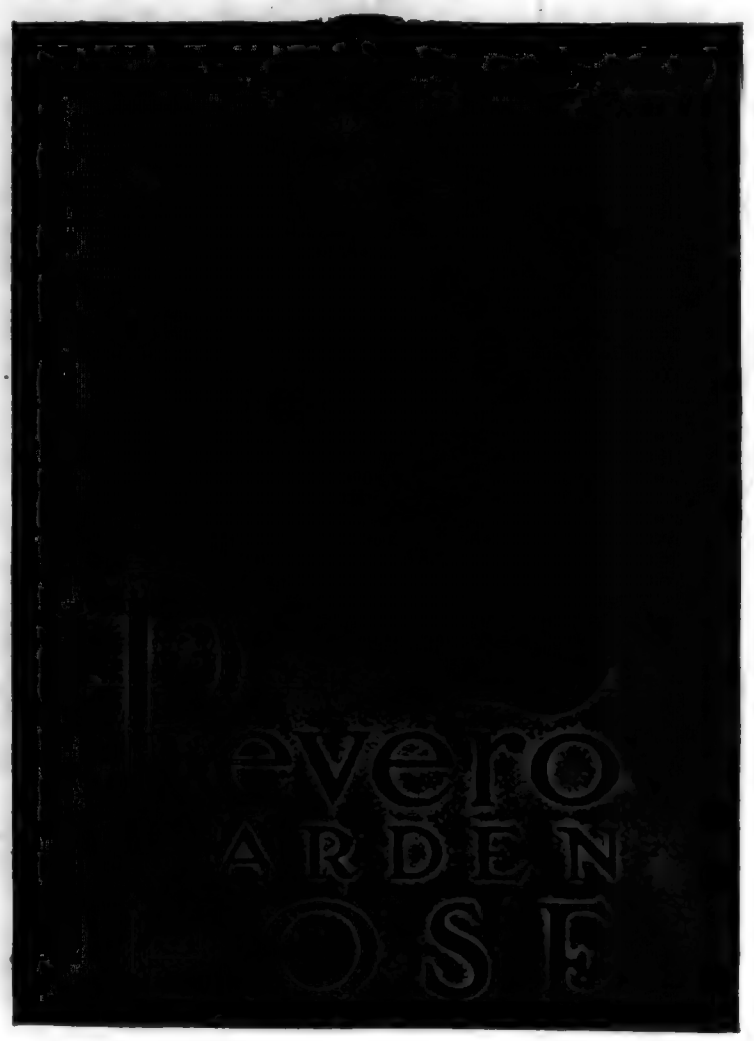
are of the **Highest Quality of Construction,** producing the greatest durability, longest life and best service. Give florists at small expense same water service as in cities. Write for list of users in your vicinity, and illustrated catalogue.

W. E. CALDWELL CO., Incorporated
Louisville, Ky.

TANKS { Steel, Wood, Galvanized } TOWERS

Windmills, Pumps, Gas Engine

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Light Strong Flexible

An indestructible moulded Hose for Lawn, Greenhouse, Stable, Garage. Of braided construction, cannot unwrap, kink or burst like old-style wrapped duck construction. Made in continuous lengths up to 500 feet, which gives you any length you want and avoids leaky couplings.

Manufactured by

Revere Rubber Co.

Works: Chelsea, Mass. Providence, R.I.

BRANCHES:

BOSTON, MASS.

New York, Philadelphia, Pittsburg, Chicago, Minneapolis, New Orleans-San Francisco.

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Anchor Brand Plant Tubs



Made of Everlasting Virginia White Cedar. Many styles—many sizes. Write for full prices and dealers' discounts

Richmond Cedar Works - - - Richmond, Virginia

Mention The Review when you write.

Our prices on HAND MADE

GREENHOUSE GLASS

Are always the lowest. Our qualities are the best.
We are MANUFACTURERS. Write us for prices.

THE COLE GLASS CO., Lancaster, Ohio

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LOUISVILLE, KY.

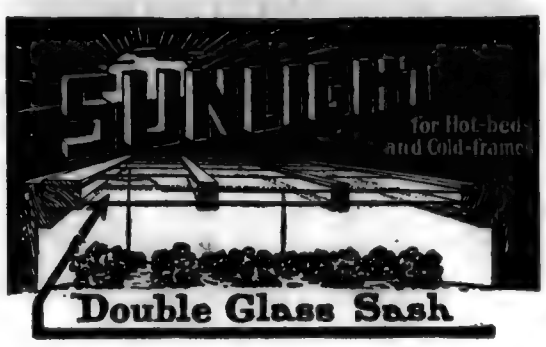
The Market.

With the thermometer hovering around the zero point and about two inches of snow on the ground, trade has slackened up a good deal, though enough business is done to keep all stock used up, as the supply is light. Roses seem to be the most plentiful and are being used for all occasions. Carnations, as usual at this time of the year, are quite scarce. Paper Whites and Romans are coming in, but are not nearly so plentiful as at this time last year. Some few jonquils are to be seen, but they are shipped in. It is a little too early for other bulbous stock and it will not be ready for a fortnight, at least. Sweet peas, violets and valley are about equal to the demand. The demand for orchids and gardenias has been light since the first of the year, as there has not been much doing in society. Funeral work has been the main feature, though at no time has there been a rush, just enough to keep stock cleaned up.

Galax leaves, magnolia and other prepared stock have been used to good advantage, owing to the shortage of fresh flowers. There is not much to be had in potted plants at present; a few azaleas are about all. Some few primroses are coming in, but will improve in quality as the season advances. Green goods have been in good supply.

K. R.

Syracuse, N. Y.—Gustave Bartholme has not been in first-class trim since the holiday rush; the extra strain tells for some time. The weather was fine and a record business was the result.





Have Tomatoes on the market weeks ahead

Never mind the weather!

Your plants in hot-beds or cold-frames under Sunlight Double Glass Sash will not mind it

Between the two layers of glass in the Sunlight Double Glass Sash is an air space of ⅝ of an inch in thickness

Above the glass is winter weather—zero perhaps. Below the glass is warm earth and plants growing like May

The secret of it all, is that the air space between the two layers of glass being a non-conductor will not let the cold in or the heat out. It makes the Sunlight Double Glass Sash complete in itself. It needs no mats or boards. The only cover is the air sealed between the layers of glass.

You can have hot-beds and cold-frames with Sunlight Double Glass Sash far cheaper in the long run than your single layer sash with heavy, dark covers of mats or boards. You can save more than half the labor and worry and you can control your beds better and get earlier, stronger and far more profitable plants.

The Sunlight Double Glass Sash method comes right home to every gardener and florist in the country *It is good business to learn all about it.*

Write us today. We will send our complete catalog, free. If you enclose 4c in stamps we will also send Prof. Massey's booklet on hot-beds and cold-frames. Be sure to write your name and post office plainly.

Write for these books today



Sunlight Double Glass Sash Co.
948 East Broadway Louisville, Ky.

Mention The Review when you write.

Carnation Calyx



An effective cure for splits. Simple and indestructible, made of brass. Does not retard the growth of flower at all. A trial will convince. $2.00 per 100, delivered free when cash is with order.

MORTON R. TANK, Chatham, New York

Mention The Review when you write

Peerless Sulphur Blower

"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago

McMORRAN & CO. 162-166 N. Clinton St. CHICAGO, ILL.

SEE THAT LEDGE.
Pat. Sept. 18, 1900



Use Our

Patent Iron Bench Fittings and Roof Supports

VENTILATING APPARATUS

Improved Vaporizing Pans for Tobacco Extracts, Etc.

Send for Circulars.

DILLER, CASKEY & KEEN, S. W. Cor. 8th and Berks Sts. PHILADELPHIA, PA

Mention The Review when you write.

THE RETAIL FLORIST.....

CASKET COVERS BOSTONESE.

The Boston Cut Flower Co., at 14 Bromfield street, Boston, is one of the Hub's up-to-date and growing retail stores. W. Rosenthal, the proprietor, has built up a splendid business of late years and his design work is especially good. He captured several prizes for his work at the National Flower Show when held in his city.

The pall illustrated was made for the officers and men of the U. S. S. Monongahela, of which the late Rear Admiral Evans' son is captain. This was sent to the funeral of Fighting Bob. White Killarneys were used in the make-up, showered with white sweet peas, the border being single violets and asparagus. A cluster of Richmond roses at the right and violets at the left gave the necessary natural colors. A base of white carnations was used below the name of the battleship.

W. N. C.

A DETROIT DECORATION.

What is no doubt the largest decoration of the season to date in Detroit is shown in the illustration on page 11. It was for a reception in Strassburg hall, and took place on Thursday, January 11, the day on which the florists of Detroit entertained the trade visitors at a smoker at the Cadillac hotel. Some of the visitors had an opportunity of seeing the decoration while it was being put up, and will be specially interested in the illustration. The work was by the Bemb Floral Co., of which Albert Pochelon is proprietor. The color scheme was pink, green and light blue. The pink was supplied by the Killarney roses that were used in quantity, the green by the wild smilax, much of which went into empire wreaths, and the pale blue by chiffon and netting of that color.

COOPER'S STORE.

The illustration on page 10 is reproduced from a photograph of George H. Cooper's store at 833 Fifteenth street, Denver. It shows the store as it looked just after Christmas, when an itinerant photographer happened in, and the picture was taken without preparation. The absence of blooming plants shows that the Christmas business was all that could be desired.

M. R. J.

A UNIQUE ADVERTISEMENT.

The illustration on page 11 is a small reproduction of a unique three-column advertisement recently used in an Indianapolis Sunday paper by Bertermann Bros. It appeared during the severely cold weather, when the business of all retail florists was largely confined to telephone trade, and was, of course, designed to feature that method of ordering flowers.

MR. GRACEY'S NEW CAR.

The uptown section of Philadelphia boasts some progressive florists. John C. Gracey, who conducts two large stores uptown, is one of the leaders in that section. Proof lies in the illustration of his new delivery car, 1912 model, on page 10. You know it hasn't been 1912 so very long, and it takes time to make a photograph, so you will understand how progressive is Mr. Gracey when I tell you that this photograph was received on the second day of January, 1912. Phil.

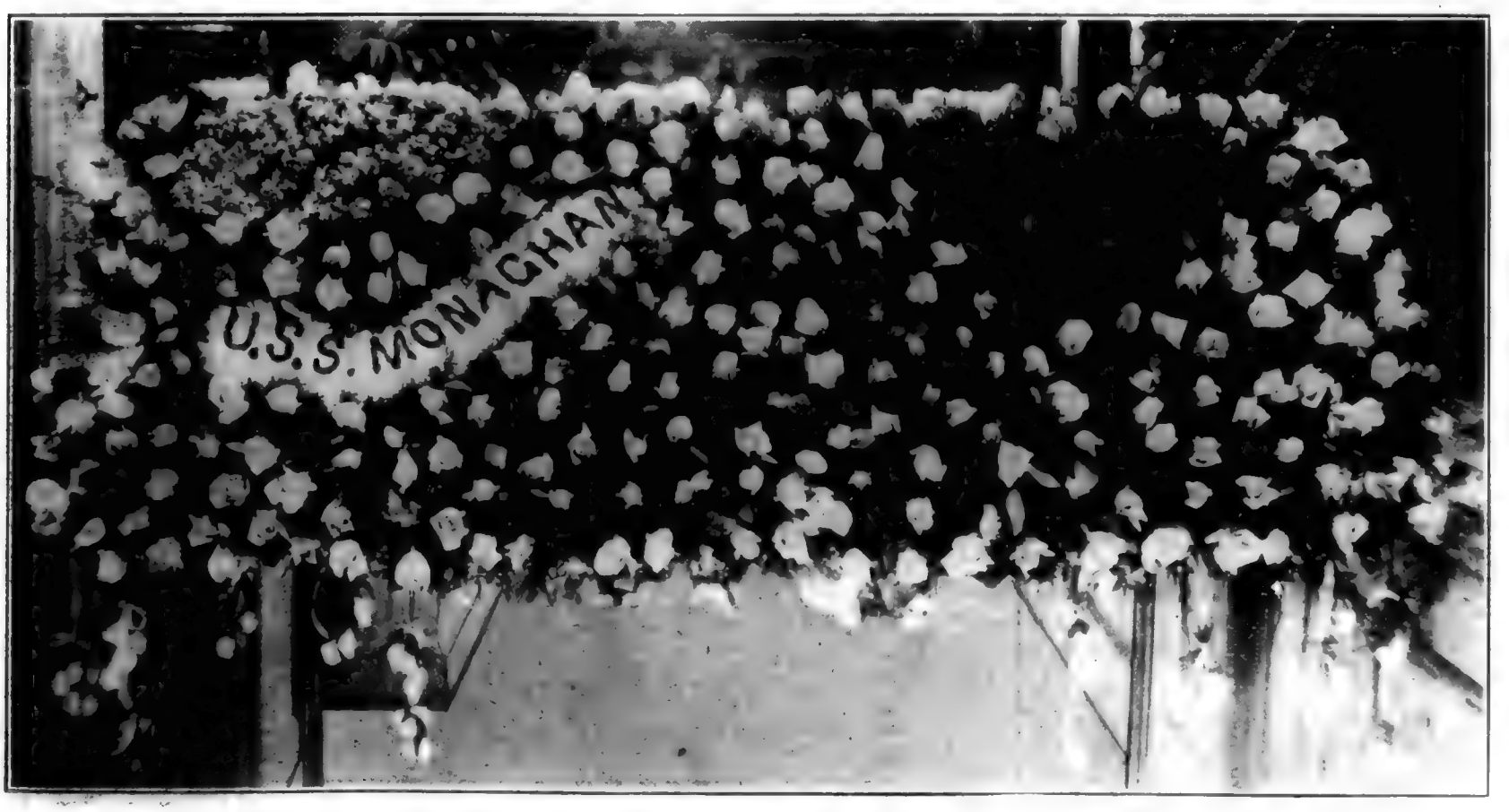
THE POPULAR PRIMROSES.

Primula Sinensis.

While the various primroses are in flower is a suitable time to make the main sowing for flowering next winter. For Christmas trade such forms of Primula Sinensis as Crimson King, Chiswick Red, Chelsea Crimson and Chelsea Scarlet are excellent. The demand for high colors is usually better than that for whites, pinks and blues, but some of the latter can be sold, especially the pinks and whites. Seed should be sown in shallow pans of leaf-mold and sand. Loam is better omitted and flaky leaf-mold is better than that which is too much decayed. Cover the seeds lightly, lay sheets of glass over them after watering, shade from sunshine, and keep in a warm, moist house until germinated. Then gradually move them to cooler quarters, say 50 degrees at night.

Primula Obconica.

That pretty and interesting primula, obconica, has been marvelously improved of late years. It is, in spite of its somewhat poisonous properties, still a popular commercial plant. To secure good plants for the Christmas trade, sow now and treat as you do the P. Sinensis. Secure the grandiflora strain, which is a vast improvement over the old type. There are several colors, but white, pink and rosy red are the best sellers. Of course seed of P. obconica can be sown as late as the end of April and give good plants for flowering the following winter or spring, but you do



Casket Cover by the Boston Cut Flower Co.

not want to wait as late as that for your Christmas plants. Start them going now and you are all right.

Primula Kewensis.

The beautiful, fragrant, bright yellow Primula Kewensis has jumped into popular favor the last year or two and this is not to be wondered at, for as a winter flowering plant it is among the finest acquisitions we have had in late years. The erect flower spikes rise twelve to eighteen inches in height and are produced in great profusion for several months. This is a more robust grower than either Sinensis or obconica, and to be seen at its best requires somewhat larger pots. It also should have an abundant water supply at all times, but especially when in flower. If at this stage it becomes dry, all the tubelike flowers will wither. Some there are who have frowned on it for this reason, but keep it moist and it is one of our finest decorative plants. To keep it in good condition the plants, however, must be looked over two or three times weekly and fading flowers removed. Its treatment does not differ from that of the other greenhouse primulas.



Store of George H. Cooper, Denver, Colo.

Primula Malacoides.

The comparatively new Primula malacoides is being offered this season by several American seedsmen. It may be described as a much glorified and improved P. Forbesi. It is more robust and graceful than the old baby primrose. It has been shown in Chicago, Philadelphia and Boston quite recently and was admired at each place. Here is a good florists' plant just as easy to grow as P. obconica, not in any way poisonous, with dainty blue-pink flowers, which are produced in great profusion, and as it naturally flowers earlier than P. obconica it should be given a fair trial as a Christmas plant. It succeeds under precisely the same treatment as the other primroses.

Primula Vulgaris.

The common English primrose is popular as a winter flowering plant, both in pots and grown in benches for bunching. This variety is hardy with light protection even in North America, and its outdoor culture might well be considerably extended. Seed sown now in a temperature of 50 degrees at night will germinate, if fresh, in a few weeks and can, when large enough, be pricked off into flats, which can be hardened off so that the seedlings can be planted out early in May, before really hot weather sets in. This primula prefers a little shade, but this is not necessary, for we have for years grown splendid plants in the sunniest location we have. These seedlings should be well cultivated all summer and not lifted until they have a few freezings. They can then be potted or benched. For a succeeding year the forced plants can be divided and planted out as in the case of seedlings. In addition to the yellow form, which is the most popular, there are several other colors. There are also the various forms of P. elatior, better known as Polyantha, which are splendid for cutting. Of these the Giant White, Giant Yellow and Gold-laced are specially desirable. P. elatior wants just the same treatment as P. vulgaris and will be found a desirable plant to use in benches in a cold house for winter flowering. Primulas all enjoy a rather light but moderately rich compost, the hardy sorts being no exception to this rule in America, although they in some cases resent it in Europe.

EUROPEAN NOTES.

The spring show of the National Horticultural Society of France will be held in Paris May 15 to 22, inclusive.

F. Sander, of Sander & Sons, St. Albans and Bruges, has been seriously ill, but has now recovered from an operation which his medical advisers considered necessary. He is now assured by the doctors of renewed health and vigor, and his many friends offer their congratulations.

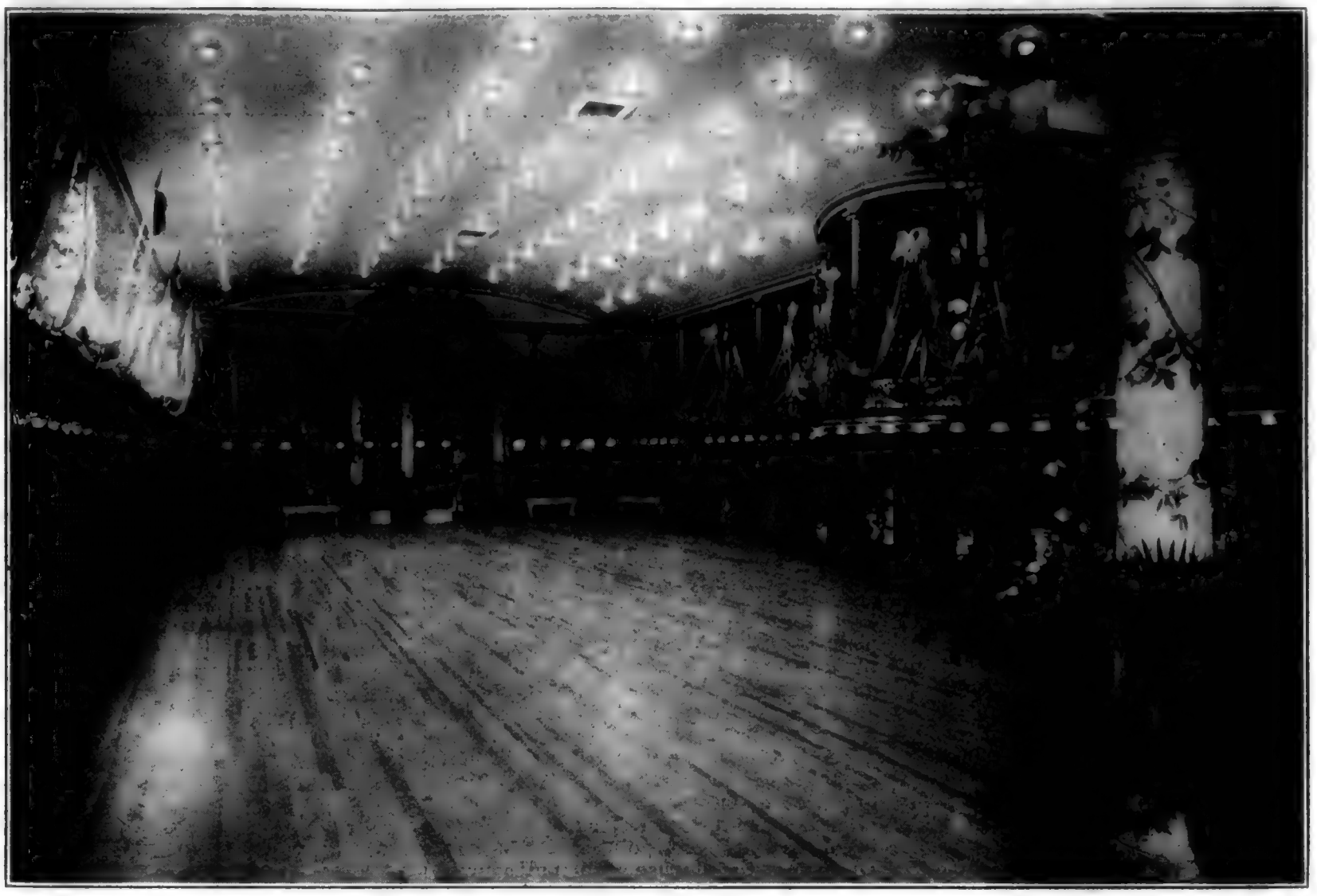
The International Horticultural Exhibition, London, is the absorbing topic of 1912. Four thousand pounds sterling are offered in prizes, as well as numerous cups and trophies. Exhibits are expected from France, Italy, Germany, Holland and Belgium. A commission has been given by an American gentleman for a remarkable piece of garden statuary, on the express condition that it be shown at the exhibition. Interesting exhibits are promised from Japan and Canada, and Australia will also be represented.

The Netherlands Chamber of Commerce is organizing a novel exhibition, to be held in the Olympic grounds, London, England, and to consist of Dutch houses and market gardens and a bulb field with over 50,000 bulbs in bloom. The grounds will be intersected by canals, spanned by typical Dutch bridges. Lime trees, trained fan-shape, as seen at the roadsides in Holland, besides willows, shrubs, etc., will be transported from the land of windmills for the occasion.

The National Federation of French Horticulturists is holding its annual convention, from January 22 until the end of the month. In addition to attending their business meetings, the members will tour in the south of France, visiting many of the leading horticultural establishments in Marseilles, Ollioules, Hyeres, Antibes,



New Delivery Car Used by John C. Gracey, Philadelphia.



Decoration of Large Hall by the Bemb Floral Co., Detroit.

Cannes and Nice. They will also make merry with banquets, receptions and "apéritifs." The convention meetings, or, as the Frenchmen say, "the congrés," will not occupy much time, and members will have abundant leisure amid the fields of narcissi, mimosas and violets, at the zenith of their blooming season, around Cannes and Nice.

Bee.

LITTLE HOLLAND.

Frank Garland's place at Des Plaines, Ill., once was referred to in these columns as "Little Holland," but he says it hardly is entitled to the title this season, the bulbs planted not having filled quite all the flats. The plantings were as follows:

TULIPS.	
La Reine	32,500
Yellow Prince	22,000
Murillo	15,000
Couleur Cardinal	9,500
Couronne d'Or	4,000
Rose Grisdelin	2,000
Keizerskroon	2,000
Cottage Maid	1,000
Total	88,000
NARCISSI.	
Golden Spur	12,500
Princeps	7,500
Emperor	5,000
Poeticus	5,000
Bicolor Victoria	2,500
Von Sion	2,000
Daffs	5,000
Total	39,500
HYACINTHS.	
Miniature	2,500

The French bulbs were cut down to 10,000 Paper Whites.

There are 9,000 giganteum started for Easter.

Mr. Garland is, with possibly one exception, the largest forcer of bulbs for the Chicago market. The Review would be glad to print the planting lists of other large growers anywhere.

HARRISII FOR 1913.

I should like to get some information regarding the forcing of Lilium Harrisii. As Easter comes early next year and I can not get any more heat than 55 to 58 degrees in zero weather, I think it would be impossible to get giganteum in flower in time; that is, by the middle of March, 1913. Any information, therefore, regarding the forcing of Harrisii will be thankfully received.

C. V. A.



Newspaper Adv. of Bertermanns.

Lilium Harrisii could be flowered for an early Easter in the temperature you have. Twenty years ago it was a splendid lily, free from disease. This can be said of it no longer, however. It is a tall grower and, if your sale is for pot plants, it would not suit you as well as other varieties. The Formosa type of longiflorum, while it also grows tall, is much healthier than Harrisii and could easily be flowered by the middle of March. For cutting, this is excellent, but as a pot plant it has the disadvantage of too much length. Lilium longiflorum multiflorum makes an ideal pot plant. The blooms are smaller than those of giganteum, but it comes to hand earlier and can be forced successfully in a lower temperature than giganteum. Start them in a temperature of 50 degrees, under a bench or on the floor of a shed or cellar. As soon as sprouted, move them at once into the highest temperature you can give them and they will flower on time. To be in bloom by the middle of March the buds must be in sight at the end of January, or they will be too late. It is probable that a good many giganteums will be carried in cold storage for an early Easter, as this is the most popular lily. These, if received and potted late in October, would flower in season.

C. W.

GERANIUM STOCK PLANTS.

I have a house, 27 x 100, which I want to plant with geranium stock plants. The house contains solid beds, not benches. Can you tell me how closely I can plant them? I shall not plant them until next July, but I wish to get my stock ready now.

C. L. H.

Place the plants twelve inches apart each way. As you will be constantly propagating after September, this space will prove ample for the plants.

C. W.

HEINL'S POINSETTIAS.

I see in The Review for January 4 a house of poinsettias. I had a house 30x100, with four benches, with 3,300 poinsettias, but when the picture was taken the two outside benches were mostly cut. We had quite a lot of traveling men who saw them and said they were as even and good size as they ever had seen. I wholesaled them all in Toledo, except a few going to Chicago. I also had an extra nice lot in pans, which sold well.

Harry Heinl.

ORCHIDS

SEASONABLE NOTES.

Temperatures.

We are now at the coldest period of the year and the minimum temperatures should be at their lowest level for the year. Many plants now are or should be resting, and it is a great mistake to maintain high night temperatures, which excite the plants and are liable to start premature and weak growths. With hot water heat, the danger is less than with steam. The steam is productive of a more arid atmosphere, and it is doubtful whether it grows orchids as satisfactorily as hot water. For cattleyas the minimum should not go over 55 degrees for the next six weeks, and a drop to even 50 degrees on severe mornings will do no harm and is vastly better than finding the temperature at 58 or 60 degrees and a pronounced smell of fire heat in the house. Cypripediums should have a night temperature of 58 to 60 degrees. The insigne, Leeanum and other such sections should have the cool end of the house, and a drop to 50 degrees will be all right for them. With cypripediums, care should be taken to counteract the drying influence of fire heat by damping the floors, below the benches and between the pots thoroughly at least twice a day.

Phalænopsis enjoy heat probably as much as any orchids. Yet, even for them, 60 degrees is sufficient on cold nights. This applies to other orchids of East Indian origin. Vanda cærulea is better at 50 degrees, while such oncidiums as varicosum Rogersii, ornithorhynchum, crispum, tigrinum, flexuosum, splendidum and Forbesii are sufficiently warm in a similar temperature. Dendrobiums of the white section and hybrids at rest do not require over 45 degrees if kept dry, but those started and nearing the flowering stage require 10 degrees more heat. With all orchids, as, indeed, with all greenhouse plants, avoid high night temperatures as ruinous, and it is far better to have the houses a few degrees below the regular readings than above them.

Cleaning the Plants.

There is more time now than at any other period of the year to sponge the plants, and every spare moment is well spent at this work. With cypripediums, phalænopsis, cœlogynes, miltonias, odontoglossums, dendrobiums and other genera the sponge usually is the best cleansing medium, using some fir tree oil or other insecticide in the water. With cattleyas, lælio-cattleyas, lælias, sophro-lælias and other varieties which are more or less subject to the attacks of scale, small brushes, such as tooth brushes, and even pointed sticks are necessary to cleanse the bulbs and leaves thoroughly, especially the tops of the bulbs where the sheaths have been cut. In all these crevices scale will find a congenial harbor and it is a pest which spreads rapidly and soon injures plants. After sponging, if the cattleya growths are at all sprawly, draw them up together with raffia. This greatly improves their appearance and allows the growing of far more plants in a given space.

Shading.

Except phalænopsis, the leaves of which are liable to receive injury from even the winter sun and need a little shade in the form of cheesecloth or a light coat of whitening on the glass, practically all orchids, until the middle of February, will stand the winter sun and be benefited by it. Even cypripediums are more often than not grown too heavily shaded. The sun may give their foliage a somewhat paler hue, but the dark green color soon returns when shade is given again. Where batches of plants are in flower the cooler end of the house should be allotted to them, and here, of course, some protection from the sun's rays will be found necessary.

Potting.

The time is approaching when a great deal of potting must be done and an ample supply of osmunda fiber, fibrous loam, fresh sphagnum and clean crocks for drainage should be stored ready for use, as well as all necessary pots, pans and baskets. If time permits, the baskets can just as well be made on the place, using, of course, some durable wood. There are, and of course always will be, differences of opinion as to whether baskets or pots are best for many orchids. With cypripediums, pots or pans should always be used, as also in the case of odontoglossums, oncidiums, miltonias, calanthes, thunias, phaius, zygopetalums cymbidiums and epidendrums. For vandas, aerides, saccolabiums and angræcums pans or pots are generally the best to use, although Vanda cærulea, V. Amesiana and V. Sanderiana succeed well in baskets hung near the roof. Phalænopsis like deep baskets; dendrobiums, either pans of moderate size or baskets. Cattleyas, lælias and these bigeneric hybrids do best in pots or pans; not that splendid specimens may not be grown and exhibited in baskets, but the roots are under better control in pots and pans and trade growers will generally find them the most satisfactory.

Ventilation.

Plants are like human beings in that they require a constant supply of fresh air to maintain them in good health. It can be proved to an exactitude how long a man can live in a room without a supply of fresh air, by merely knowing the cubic contents of the room. Plants may be less sensitive and harder to kill, but to keep them in good condition ventilation must never be neglected. Cattleyas must have air. In a warm, stuffy house they will send their roots outside instead of inside the pots. This means half shriveled bulbs and poor sheaths. There is not



Harry Heinl's House of Poinsettias at West Toledo, O.



Charles A. Black, Jr., Hightstown, N. J., Supports His Carnations Like This.

a day in the year when some air can not be admitted either at the ridge or at the sides. Of course, the opening of outside doors freshens the atmosphere a little, but lifting the ventilators, if only for an hour, allows the dead air to escape and replaces it with fresh air. Cypripediums, phalænopsis, vandas, etc., enjoy a more stuffy and humid atmosphere than cattleyas, as do dendrobes, except when resting, but at least a chink of air can be given them practically every day in the year, and, be it remembered, it is always easier to heat a house into which fresh air has been admitted than one kept sealed tightly in severe weather. During windy weather, sufficient air to take away the stuffiness may come through the laps of the glass, but snow and severe frost close these entrances and we must supply the ventilation ourselves. There is a strong, popular misconception in many minds regarding orchids, that they are tropical subjects from hot, sweltering localities, and must be treated accordingly, but, as a matter of fact, a rose house temperature is sufficiently high for almost any variety and too warm for many.

CROP TO REPLACE SMILAX.

I have a bed of smilax, 5x88 feet, containing about 1,000 plants. The fourth crop is nearly ready to go off and I doubt much whether it would make a profitable fifth crop. I would prefer planting it with some easily grown, profitable flowers, if I were sure they would bring as good returns as the smilax. How about chrysanthemums or sweet peas? I should like to get some profit from the crop this spring if possible. Name the months in which mums can be sold in market. H. C. B.

Chrysanthemums are mainly sold in October and November, a small number only coming earlier and later. Sweet peas would be an excellent and profitable crop to grow. The soil for them would require to be fresh and well enriched, in the proportion of three parts loam to one part well decayed cow manure. If this manure is not obtainable, use that from sheep or horses. The seed can be sown now in flats or small pots and afterward transplanted, placing the plants four inches apart in the rows. For an early crop, sow such varieties as Mont Blanc and Burpee's Earliest of All. Any of the sorts usually grown outdoors can also be sown now. Among these, Countess Spencer, White Spencer, Dorothy Eckford, Frank Dolby and Helen Lewis are all of popular selling colors. Sweet peas like a light, roomy house, and while they can be grown quite cool up to the flowering stage, they succeed best when given a night temperature of 48 to 50 degrees. These figures should not be exceeded.

There are other crops which you could grow, and which, if started now, would yield you good money this spring. Among these are ten weeks' stocks or candytuft for Memorial day. Double feverfew is also a good crop for the same holiday. Gladioli, such as America, Shakespeare and Augusta, always sell well; planted now, they would flower from the end of April until early in June, after which you could either replant with smilax or grow chrysanthemums for a fall crop, following these with single violets, sweet peas, snapdragons or some other flowers for winter or early spring blooming. C. W.

PLEASE stop my ad for carnations, as I was sold out quick.—J. W. Furst, Dayton, O.



BLACK'S CARNATIONS.

The accompanying illustration is prepared from rather poor photographs supplied by Charles A. Black, Jr., Hightstown, N. J. It shows two views of the same bench of White Perfection carnation as it appeared in November. The plants are supported by a device of Mr. Black's own invention and home make, for which he has applied for a patent under the name of the Eureka Carnation Support.

CARNATION RUST.

I am sending a carnation that is diseased and I should like to know what to do. The trouble is spreading fast. My carnations were bedded in September and the trouble commenced a short time afterward. F. W. H.

Your carnations are attacked by the common carnation rust, and there is really only one way to get rid of it. That way is laborious and slow, but effective. Set your men to work picking off all the diseased leaves and, when that is done, spray the plants thoroughly with Bordeaux mixture. There is no known remedy that will destroy the rust without destroying the parts affected. Several years ago an arsenic solution was used in fighting the rust, but more damage was done to the plants than to the rust.

A. F. J. B.

REGISTRATION IN ENGLAND.

The Perpetual Flowering Carnation Society, in England, has published a list of the registrations of new varieties from January 1 to December 31, 1911. Twenty-eight varieties are included. Registration has become an international affair, the English society taking cognizance of American registrations. The list shows the following:

"British Triumph, seedling, brilliant crimson, by C. Engelmann. This variety was originally registered Triumph, but as it has since transpired that the name was already appropriated in America, the variety has been re-registered as British Triumph."

CHRYSANTHEMUMS

STRONG-STEMMED MUMS.

Is there any method of growing chrysanthemums in greenhouses by which stiff, strong stems can be secured? All the mums seen in this part of Utah, except the ones we grow, are shipped in from California and, of course, are outdoor-grown. V. A. A.

Chrysanthemums grown in light, well ventilated houses have excellent stems, and will always be far superior in quality to the outdoor stock referred to. Cuttings taken from the middle of April until the end of May will give plants which will produce fine flowers. Benching should be done not later than the end of July, and a month earlier is better. There are some varieties which are naturally weak necked, but there are dozens of splendid sorts with rigid stems. Do not let your plants become too potbound before benching them. Give them a reasonable space to grow in, and good soil. Soil containing three parts fibrous loam, one part rotted cow manure and some fine bone is suitable. Spray freely during the hot weather. Never mind how hot the day may be; the plants are refreshed by waterings overhead and frequent dampings of the floors. Gradually decrease the syringings as cool weather advances. Never grow your mums warm; they want abundant ventilation on every possible occasion and there are really no days in your latitude when the ventilators need be closed. C. W.

YELLOW SPORT OF BYRON.

I grew fifty plants of Alice Byron and this fall I had a sport from it. The sport came from the bottom of the plant and I let it grow because it was so strong. When it came in bloom it was pure yellow. It grew four feet high and the flower was a little larger than Major Bonnaffon. The shape of the flower is the same as President Taft. I would like to have your advice what to do with it. Let me know through your paper if this mum is a new one. If so, state how I can get it established. J. G.

I do not know of a yellow sport from Alice Byron, but it is entirely within the bounds of possibility for one to come. J. G. should propagate all the plants he can from this particular variety, and after another year he may have enough blooms to exhibit this sport before a committee of the Chrysanthemum Society, who are expert growers and in a position to tell him whether it is a genuine sport of Byron or something else that might have been inadvertently mixed with this variety. C. H. T.

FELTHOUSEN'S START.

At Schenectady, N. Y., E. V. B. Felthousen has the commencement of an extensive new range in two Lord & Burnham houses, one 20x170 and one 30x170, planted August 1 with chrysanthemums in solid beds, from which a cut of 9,300 blooms were marketed. The houses are connected with a potting shed. One house is shown in the accompanying picture. The range on the old location will eventually be torn down and removed to the new place farther out, where there is plenty of room, excellent soil and a good water supply. In addition to being a thorough craftsman, Mr. Felthousen has held a responsible position in the city post-office for a quarter of a century. M.

CHRYSANTHEMUM SOCIETY.

C. W. Johnson, secretary of the Chrysanthemum Society of America, supplies a tabulated copy of the work of the examining committees for 1911, which has been published in The Review from week to week during the season, and the following announcements: President Charles H. Totty has appointed the following gentlemen to serve as the executive committee: Elmer D. Smith, Adrian, Mich.; David F. Roy, Marion, Mass.; William Turner, Oceanic, N. J.

Elmer D. Smith & Co. offer for the Chrysanthemum Society's exhibition for 1912, for the best twelve blooms of Chrysanthemum Manhattan shown in one vase, on long stems, a first prize of $15 and a second prize of $10, open to private gardeners only.

CYCLAMEN MITE.

Will you kindly advise me what is the matter with my cyclamens? They have formed nice plants, but they are not flowering as they should. They have had lots of buds, but when they were about one inch long they dried up, and what buds did make flowers were inferior ones. I am sending a sample of the dried buds and the inferior flowers. There are 526 in pots now, and the pots are full of fresh roots. The soil I used in which to grow them consists of a mixture of three bushels of loam, one bushel of rotted manure, one bushel of leaf soil, one-half bushel of peat, plenty of fine charcoal and enough sand to make it porous. Kindly let me know it I should grow the plants in partial shade all of the time or only through the summer. I put them in the house from the frames the last part of September in a temperature of 52 to 55 degrees, and some I have in a house at a temperature of 60 to 65 degrees at night. J. W. C.

Your compost was just what cyclamens like, with the possible omission of the peat. Your treatment also seems to have been correct. You have been unfortunate enough to have had a bad attack of cyclamen mite. This causes the leaves to become somewhat deformed, but practically all flowers are useless, as you describe yours as being. Many good growers, who have given their plants every care and possible attention, have had plants ruined as yours are. No remedy for this mite is known. I have used about every known insecticide on affected plants, without result. Some growers claim good results from the free use of tobacco dust, but I have been unable to get much comfort from it. All you can do is to throw away every plant and start afresh. It is no use carrying them over, as the probability is that they would be just as bad another season.

The plants while in coldframes need protection from the sun's rays all through the hot months. In hot weather the sashes are better only used in case of drenching rains, lath shadings being used above the plants, the shades being elevated above the plants six to eight inches. Gradually reduce the shade as summer declines. Reverse sashes at night and on cloudy days. After being taken into the greenhouse, little or no shade should be needed. C. W.



Chrysanthemum House of E. V. B. Felthousen, Schenectady, N. Y.

SEASONABLE SUGGESTIONS

Seed Supplies.

The seedsmen have, in most cases, issued their catalogues, and at no season of the year is there more time to examine them than now. Early orders are always appreciated and any florists who have not yet made out their lists should do so forthwith. There are several excellent reasons why seeds should be ordered early. One is that we then have our supply at hand whenever we want to sow anything and do not need to send a hurry-up order to our seedsman when he is buried with business. A second good reason is that by ordering now we get prompt delivery, which is impossible a few weeks later. The seedsman also appreciates these early orders, as without them the volume of business later in the season would be almost overwhelming. Do not buy cheap mixtures of seeds. A few special colors always are popular. Others sell indifferently, if at all. As a rule, separate colors are best to buy, and get the best quality. There are always a few novelties worthy of a trial. Never mind if all do not come up to expectations. If you secure one really good new thing it is worth a little time spent in trying out a number to secure it.

Jerusalem Cherries.

If you want nice, bushy plants of the Jerusalem cherry, Solanum Capsicastrum, sow the seeds now. You can also propagate by means of cuttings, but the latter, while they ripen early, never make neat plants like seedlings. They are sprawly and hang over the pots too much. Seed will soon germinate if sown in pans in a warm house. Do not keep too warm; once they are through the soil 50 to 55 degrees should not be exceeded. Pot off singly when large enough to handle. Gradually harden and plant outdoors in May. Keep well cultivated; dig up and pot in September. Give the solanums rich ground and they will make heavily berried, bushy plants, far better than any you ever get from rooted cuttings.

Petunias.

If not yet sown, seeds of petunias should be started at once. The seeds are fine and should not be covered at all. Sow thinly, and after germinating avoid growing them too warm. If you have any shell snails around, keep a sharp watch on your seedling petunias or the snails will make short work of them. Seeds of double petunias are offered; at least the seed is guaranteed to give a percentage of doubles. The best way to perpetuate good forms of these, however, is by means of cuttings. Petunias are among the most satisfactory of all annuals for bedding purposes. They are also splendid for piazza and window boxes, vases and hanging baskets, never being out of flower the whole summer. As with other bedding plants, it is an advantage to have some of them flowering at bedding time, for it is always noticed that with the multitude the plants carrying flowers move the quickest.

Lobelias.

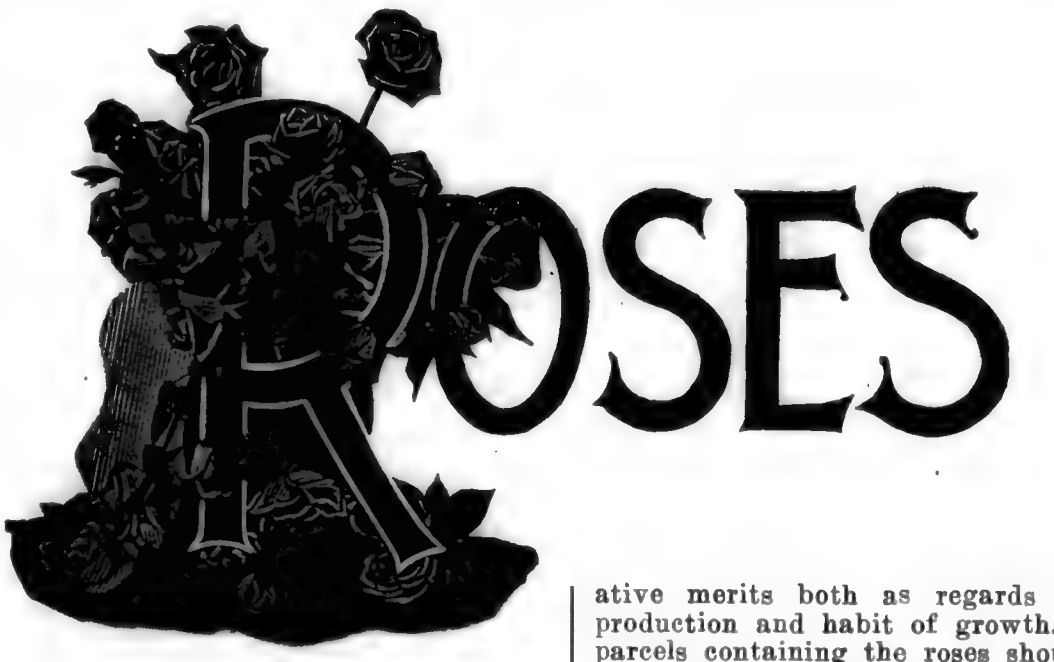
Both the drooping variety, L. gracilis, and the dwarf, compact forms, such as Emperor William, should be sown now. The latter is not such a success as a bedder here as we often would wish. It has a faculty for damping off badly during spells of hot, moist, sunless weather in summer. There is, however, nothing to take its place as a blue carpeting plant. Quite often old plants are carried over in a cool house and these will now yield quantities of cuttings, which root easily and make stocky plants for bedding. The trailing varieties are useful in boxes and vases. There are white as well as light and dark blue forms, but usually the dark blue is the color mostly asked for.

Verbenas.

Unless it be to perpetuate some special color, there is no special advantage in propagating verbenas from cuttings. We do not consider they have the vigor of seedlings, and as the latter are raised so easily, it is the only method of propagation we would advise. Verbenas are everblooming annuals, excellent either for window boxes or bedding. They are desirable to use in benches in conjunction with other annuals to fill up blanks created by the removal of or dying down of Dutch bulbs. Here, again, it pays to run to special colors. Scarlet, pink and white are the leaders. By sowing now and growing only moderately warm you will get your plants in flower before the bedding-out season starts.

Hardy Perennials.

While late summer is the best time to sow most of the perennials and biennials, the present is the next best season to start a good batch of any of the popular varieties which are in demand. This list should include aquilegias, delphiniums, asters (Michælmas daisies), Chrysanthemum maximum, lupines, lychnis, hibiscus, gypsophila, pyrethrums, oriental and Iceland poppies, and campanulas. There are, of course, others, but the foregoing are among the leaders. It is too early to sow hollyhocks, unless it be the annual variety; Canterbury bells and digitalis. The plants would become unwieldy before fall. Many of these perennials, if planted out in beds or nursery rows, will flower the first season and all will make nice stock for fall planting.



BAGATELLE ROSE TRIALS.

M. J. Forestier, the Conservator of Promenades of Paris, advises that a trial of new roses will take place in the Bagatelle rosery during 1912 and 1913, as in previous years. These new roses are contributed by the raisers, and raisers who have not previously sent roses for trial should note that as far as possible the plants should have been grown in pots, that at least five plants of each variety must be sent to reach the rosery before April 15, 1912, and that if special treatment is desired, information must be sent with the roses. The roses will be planted in the beds soon after their arrival, and remain there until October of the second year, to give the members of the jury an opportunity of having them under observation during two seasons, and thus be in a position to determine their relative merits both as regards flower production and habit of growth. The parcels containing the roses should be addressed to "Monsieur de Conservateur des Promenades de Paris (Roseraie de Bagatelle, au Bois de Boulogne, à Paris) en gare de Neuilly-Port-Maillot-Paris."

FIELD KAISERINS FOR FORCING.

Are field-grown Kaiserins desirable for planting and growing inside? What is the best way to handle them?

J. G.

Field-grown Kaiserins are not nearly so good for forcing as pot-grown stock would be. If you decide, nevertheless, to use the field plants, they can be started now if you want an early crop. However, as this rose is most largely grown as a summer flowering variety, it would be better to wait until the middle of March before starting them. Prune them back

moderately; remove the weak and dead wood and shorten the stronger shoots a little. Do not give a great deal of heat at first; 48 to 50 degrees at night will suffice. This can be raised gradually to 55 degrees as growth advances. C. W.

ROSES WITH OTHER PLANTS.

What effect, if any, have tomatoes and other plants on roses growing in the same house? J. G.

Though tomatoes and other plants can be grown in the same house with roses, it is much better to grow the roses alone. Tomatoes want a drier atmosphere than roses and should have a night temperature of 60 degrees. Many growers grow some vincas or other bedding plants along the edges of the rose beds or benches, but it would be harmful to plant tomatoes in the same beds. C. W.

STOCK OF HYBRID TEAS.

Kindly give me your opinion as to what stock is best upon which to bud hybrid tea roses to be grown outdoors in this latitude, in the western part of New York state. Would you use Manetti or brier, providing they are low budded, as, for instance, the Dicksons' Irish roses? I refer to such varieties as Betty, Bessie Brown, Lady Ashtoun, Lady Stanley, the Lyon rose, Joseph Hill and Jules Grolez. R. E. H.

Manetti is the stock which I have found most satisfactory, but plants on the seedling brier do well. R. multiflora, if procurable, also makes an excellent and hardy stock. You will not go far wrong in using the Manetti stock. C. W.

Portland, Me.—William Ballard, head florist at the greenhouses of Niles Nelson, was confined by illness to his home, on Glenwood avenue, for a time, but at last report had resumed his duties at the greenhouses.

AMONG THE ROSES IN EUROPE.

[An extract from a paper by Robert Pyle, of West Grove, Pa., read before the American Rose Society, in convention at Detroit, January 10 to 12, 1912, continued from The Review of January 18.]

I met Alexander Dickson in London at one of the shows and he told me he had crossed the Irish Sea eleven times in the previous fourteen days, going home to cut and make ready his flowers and going back to England to attend the various shows, for in rose season they are scheduled by the National Society to avoid conflict as much as possible between the more important cities, and the prominent growers are usually represented at not less than a dozen or twenty different shows in the early summer. It is tiresome work. The men go out at 4 o'clock in the morning and have orders to cut everything in sight, but this is not the beginning, for weeks in advance they have been watching, watering, shading, and they even go to the trouble of using a bit of candlewick to tie up the petals of a promising bud so that it will not open too soon. On the day of the show, or the day before, all these carefully watched and nurtured blossoms are cut and brought into the packing shed, where the proprietor is busy for hours in simply selecting, discarding and making up the assortment for the show. He usually sends twice as many as are required for the entries and again discards all that are unworthy. When all are in place, and possibly a half hour before the judges are due, the roses that have been tied up with candlewick are freed, so that the petals are allowed to open back, and are even preened so that every curl is as perfect as the human touch can make it.

I presume that there is a value in these English flower shows to the prize winner that we can scarcely appreciate in full; pictures of the trophy are published in their catalogues, a list of the prizes won is played up most prominently in their advertising literature; and unless a grower can show some prizes to his credit his chances for good business are slim. So you see the rose shows in England are an important part of the business; they not only help in advertising the grower, but they help enormously to educate the growers and the amateurs.

Go with me to the National Rose Show held in Regent's park last year. Automobiles were lined up, coming and going, a constant line of not less than fifty or sixty people awaiting entrance throughout the entire afternoon to the tent of new seedling roses, and this tent but a small, though important part of hundreds upon hundreds of entries. A military band in attendance made the affair still more attractive; society counts upon it as their day.

Another feature that appealed to me as most particularly suggestive and quite worthy of impression, where possible, was the tent devoted to roses for use in table decorations, where there were special combinations worked out. On this table would be a study of yellow with a huge bouquet in the center; smaller ones around the table, with boutonnieres or place roses.

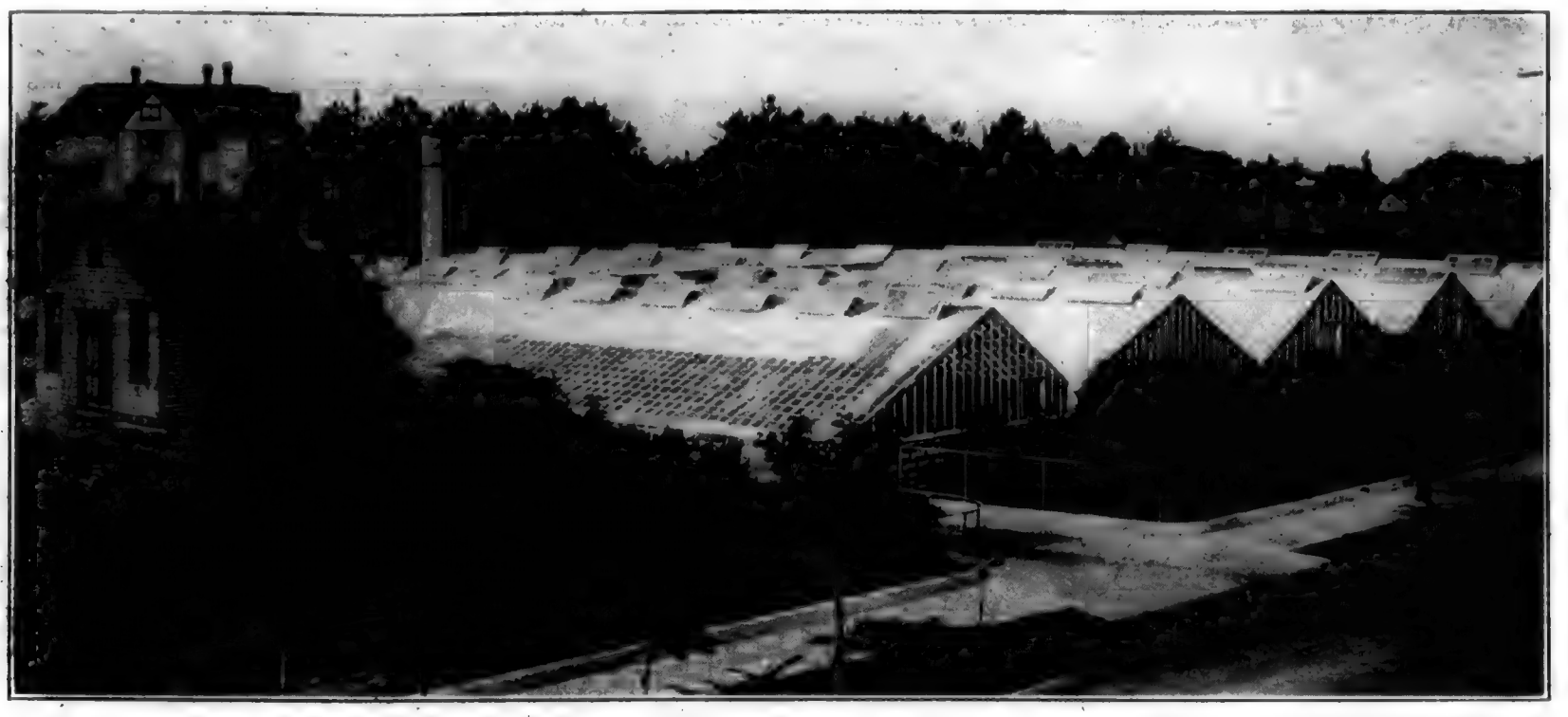
Royalty has the first peep, and a real peep it is; so we can not wonder that our fellow growers in England spend time and thought and money and spare no pains in applying manure water to the backward plants and in shading the bleaching sun from some promising blossoms and in inventing every device that will help win the trophy. One other point: that all these shows may work harmoniously, the National Rose Society of England, as I understand, gives its support and coöperation to the local rose societies, and what I believe members of the American Rose Society need to learn is the part played there by the amateur. Men of leisure, men of means, society women and many more join with the professional growers, until among numbers of them rose growing becomes a hobby, and their contribution to the success of these shows forms an important factor. It is a point which I think our American Rose Society can not longer afford to overlook. To be sure, the interest among the English in horticulture has reached a much higher development than in America. For example, at the annual show of the Royal Horticultural Society held at Olympia, ten minutes after the doors had been opened I think there were no less than 2,000 people in the hall; people whose knowledge of flowers and whose intelligence regarding their own horticultural requirements was evidenced by their close study and deep interest. They were there with notebooks in hand, already placing their orders for the following season. And here again the value of shows to our English brothers is apparent. And do you wonder that the continental growers publish catalogues in English, send their young men to England to learn their methods and the language, and are making each year a stronger bid for business from the English amateur?

Gloversville, N. Y.—R. Loeben follows mums with a crop of radishes, and these are succeeded by ten weeks' stocks for Decoration day. Being a kinsman of Ernst Benary, of Erfurt, he obtains some of that famous seedsman's specialties for trial and reports upon their suitableness for this climate.



Jacob Sherman, Supt. Frank Heil, Florist.

The Gardening Staff at Schiller Park, Columbus, O.



Greenhouse Establishment of George B. Vatter, Marinette, Wis.

VATTER, OF MARINETTE.

George B. Vatter is one of the oldest and best known florists in the state of Wisconsin. He has been engaged in the business at Marinette for thirty years. The accompanying illustration gives a view of his establishment as it appeared last summer.

CINCINNATI.

The Market.

The cold weather is over, but the supply has not expanded. The demand is again back to normal and quickly takes up all good stock in the market. The supply of good roses seems scarcely able to cope with the requests for them. All good Beauties also easily find a market. The carnation market, too, is scarcely able to meet the calls. It is a rare occurrence to see any good stock held over until the next day. The call for lilies of all kinds is good. The bulbous line now is almost complete and all but narcissi are moving nicely. Other flowers, such as double violets, valley and orchids, are having a fair market, while good single violets and sweet peas are selling on sight. The latter are becoming an important factor.

Greens are abundant, but plumosus, according to advices from shippers, is due to shorten up considerably in the near future.

Various Notes.

C. E. Critchell finds that in spite of the severe weather, this month's business thus far has exceeded any other January business. It is due to the growth of his shipping

There was a fire scare in the Masonic Temple January 19. A stairway adjoining L. H. Kyrk's salesrooms ignited from crossed wires.

Dan Ruttle, of Latonia, usually a regular consignor into this market, has had the tables turned. He has been, for the past ten days, a heavy buyer.

Wm. Murphy last week offered a novelty to the local market in the shape of auratum lilies in January.

Last week the Grim Reaper was busy removing ones close to those connected with the local trade. Mrs. B. P. Critchell lost her sister, Mrs. J. L. Potter, of Kirksville, Mo., and Jos. Goldman, the Middletown florist, lost his mother.

P. J. Olinger went to New Castle January 22 for a week's stay.

Visitors: Mr. and Mrs. Matthews, of Dayton, O. C. H. H.

OBITUARY.

George Murphy.

George Murphy, one of the best known of those connected with the trade in the vicinity of Cincinnati, died early Monday morning, January 22, a victim of pneumonia, at the age of 47. He was born in Delhi, O., and after he reached his majority conducted greenhouses there part of the time alone and part of the time in partnership with Charles Murphy. Subsequently he sold his plant and opened a retail store in the west end, Cincinnati. He gave this up when he was appointed to the superintendency of the flower market, a position which he held at the time of his death. A widow and four children, Hazel, Muriel, Eugene and Greta, survive him.

George Murphy was a true friend of all of the florists with whom he came into contact. He would never hesitate for a moment to go out of his way to distribute favors to his friends. All of them will mourn his death as a real loss to them. C. H. H.

Marion Warren.

Marion Warren, president of the Marion Warren Co., Rochester, N. Y., and known in the trade as the manufacturer of the Alright hose nozzle, died of heart disease December 30, 1911, at his home, 49 North Washington street, Rochester. He is survived by his wife and by a daughter, Harriett G. Stewart.

Mrs. George R. Hill.

The death is reported of Mrs. George R. Hill, who had been in the florists' business at Tyler, Tex., under the name of the Hill Floral Co. The funeral was held January 13, interment being at Oakwood. The greenhouses will be continued by Mr. Hill, who heretofore has given his attention only to brick manufacture and contracting.

Ivend Krohn.

Ivend Krohn, proprietor of the Morris Floral Co., Morris, Ill., died January 22 at the Presbyterian Hospital, Chicago, where he had been for ninety-seven days, his original illness having been typhoid. He was born in Denmark, and was 41 years of age. He came to this country with his parents when only 8 years old and had been a florist all his life. A wife and two sons survive. Interment was at Hinsdale, Ill., January 25.

William Deal.

William Deal, the well-known seed grower and merchant of Kelvedon, Essex, England, died January 2, after an illness of several weeks. He specialized in culinary peas and sweet peas, and held stocks that were second to none for purity. He handled a general line of vegetable and flower seeds, especially the brassicas, mignonette, candytuft and nasturtiums. His strains of these and others were noted for their excellence, attained by his painstaking labors, and his uprightness of character and straightforward methods endeared him to all who transacted business with him. The business will be continued by his son, Bertrand W. Deal. Deceased was a brother of E. J. Deal, managing director of W. W. Johnson & Son, Ltd., Boston, England.

Charlestown, Mass.—Winnett & Co. have removed to 20 Mystic street.

Baltimore, Md.—J. Dan Blackistone, who for several years has conducted a retail flower store in this city, last week filed a petition in bankruptcy. Mr. Blackistone is a brother of Z. D. Blackistone, of Washington, but there is no connection between the two businesses.

Grand Rapids, Mich.—Mr. and Mrs. Louis A. Thiebout announce the marriage of their daughter, Anna, to Harvey E. Kidder, Wednesday, January 17, 1912. Mr. Kidder is well known to florists, being manager of the Ionia Pottery Co., Ionia, Mich., and mayor of his home town.

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Mr. Bryant is a native of Milwaukee, born April 14, 1887, from which, if you are quick at figures, you can reckon that he will be 25 years of age the Sunday after Easter. After going through the grade and high schools of the Cream City, Mr. Bryant went into the employ of a big wholesale cigar manufacturing company, where he had several years of the best kind of business training, including manufacturing, selling, accounting and general management. He went with the Hunt corporation February 1, 1911. It is a business that dates back to 1878.

Mr. Bryant now makes his home at Park Ridge, where he has a mother and sister whose pride in him is a spur that prevents anything short of his best effort.

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The entertainment was provided by Emmanuel Quartette, with solos by Messrs. Littlefield, Tasker, Nash and Williams, and Mrs. McKeon. Dances by the Misses Irvine were a pleasant feature.

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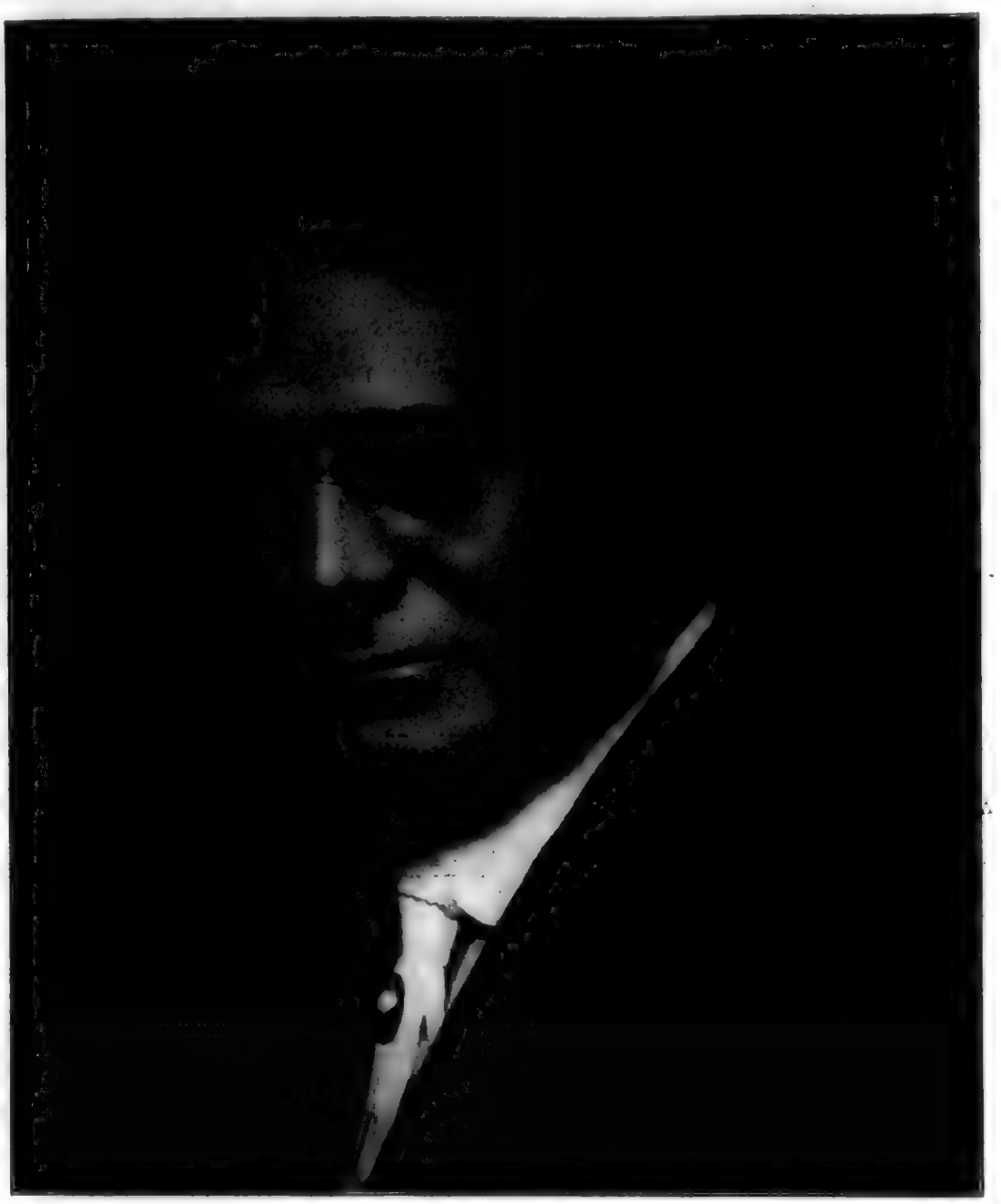
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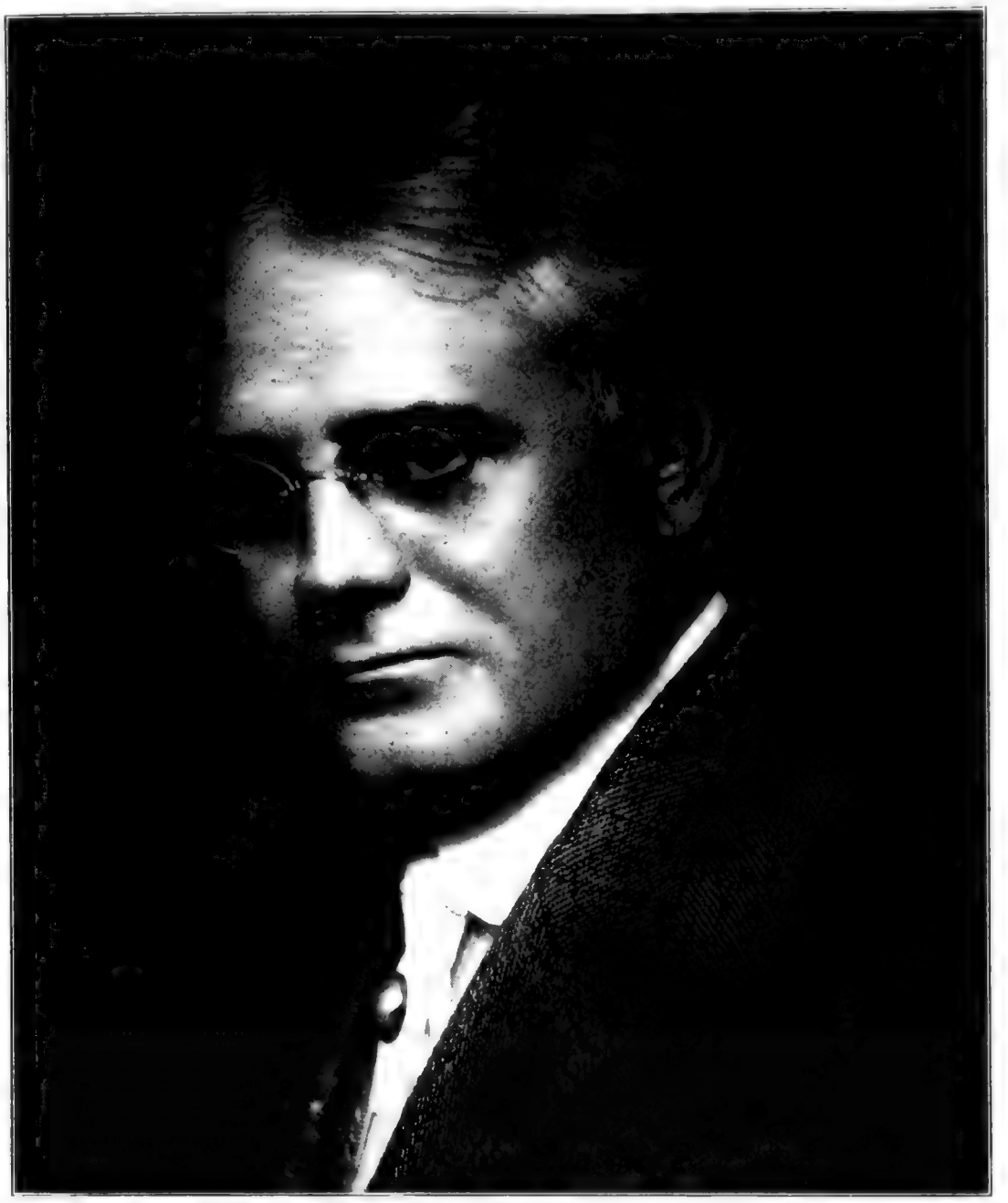
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THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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SOCIETY OF AMERICAN FLORISTS.

Incorporated by Act of Congress, March 4, 1901.
Officers for 1912: President, R. Vincent, Jr., White Marsh, Md.; vice-president, August Poehlmann, Morton Grove, Ill.; secretary, John Young, Bedford Hills, N. Y.; treasurer, W. F. Kasting, Buffalo, N. Y.
Annual convention, Chicago, Ill., August 20 to 23, 1912.

Results bring advertising.
The Review brings results.

J. A. Peterson's begonia, Glory of Cincinnati, is making its mark abroad. December 5, 1911, it was given an award of merit by the Royal Horticultural Society of England.

All branches of the business suffered during the severely cold weather that followed the New Year, but there has been a prompt recovery since the temperatures have risen.

Not a few subscribers save themselves the bother of annual renewal by sending The Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

Yes, there is something new under the sun. The city of Toronto is not content to appoint a politician as park commissioner, but is advertising for a man with a floricultural training! Candidates should address E. R. Geary, Mayor.

The annual volume issued by the Society of American Florists was received January 18. It is unusually large this year, containing, in addition to the report of the Baltimore convention and the other usual matter, the full report of the committee which handled the national flower show at Boston last March.

Subscribers to The Review have learned to expect to receive the paper regularly in a certain delivery of mail. During the last few weeks many complaints from all over the country have been received regarding the late delivery of the paper. The fact seems to be that mail trains have been anywhere from a few hours to two or three days behind time on account of the severely cold weather. It is believed the trouble will right itself with the return of normal temperature.

SOCIETY OF AMERICAN FLORISTS.

At the special meeting of the board of directors of the Society of American Florists held in Detroit, Mich., January 11, there were present President Richard Vincent, Jr., Vice-president August F. Poehlmann, Secretary John Young, Treasurer William F. Kasting and the following directors: W. N. Rudd, E. Allan Peirce, Harry A. Bunyard, C. H. Totty, John A. Evans and George Asmus. The invitation of the New York Florists' Club to hold the National Flower Show in 1913 in New York was accepted and the matter was turned over to the National Flower Show Committee to carry out the details. The board authorized the offering of three silver and three bronze medals to be awarded at the international exposition in London for plants and flowers of American origin. The committee appointed by President Asmus to have charge of local arrangements in Chicago was continued, with the name of George Asmus added. The committee now is August F. Poehlmann, J. C. Vaughan, W. N. Rudd and George Asmus. The report of August F. Poehlmann, chairman of the committee on hall for the convention, was accepted and the committee empowered to lease the Coliseum building on the terms mentioned. John Young, Sec'y.

USES ONLY THE REVIEW.

The point of the following letter is that an advertisement in The Review is sufficient to sell all the stock this florist can produce, without any other selling expense:

Enclosed please find advertising contract for one inch space for one year, from February 1, 1912. Keep on with the salvia seed advertisement in said one inch space until forbid. Discontinue the geranium advertisement in the Classified department, as we are sold out of Ricard and Presilly, with orders for other varieties booked away ahead; we would better discontinue for a few weeks to catch up. We are also nearly sold out of salvia seed, although we had a good sized crop. We advertise only in The Review. That paper certainly sells the stock. The orders keep us hustling early and late.—P. J. Siebold, Lancaster, Pa., January 19, 1912.

CHICAGO.

The Great Central Market.

The market has passed through a considerable change since the last report. The weather, which had been extremely cold for an unprecedentedly long time, has moderated to something like the normal January temperature. With the arrival of a temperature that would permit the buyers to get out, and the comparatively safe shipment of cut flowers, there came a prompt increase in the volume of business. The use of flowers may not yet have got back to what it usually is at this time of year, but the demand is not only heavier but much steadier than it was during the zero days.

Coupled with the increase in demand there has come a decrease in the rose crops. Roses are scarce—not so scarce as they were at this time last year, but undeniably scarce. Short roses are not to be had for all the orders, and those who are able to connect with any little lot are required to pay well for them. Medium stems also are short of the demand, but the higher priced grades can still be supplied, the prices for the best roses, indeed, not having advanced in proportion to the advance in the price of the short roses. Most of those interested say it will be a month before all grades of roses again are plentiful, but a few say that a week of mild and fairly bright weather will relieve the situation. Beauties continue fairly plentiful for the present.

In direct contrast to the rose situation, cattleyas are overabundant and have sold at low prices in hundred lots. Valley also has been easier. Bulbous stock has come in much more freely during the last week, and all varieties are plentiful and cheap. White is selling better than colored tulips because of the scarcity of short roses. Paper Whites are slow, and freesia, especially if not of the best, is hard to move.

Sweet peas have begun to arrive in quantity. Some of them are excellent, and they are selling quite well. Violets have fared in the last week not one whit better than in the cold weeks before. Singles have done even worse than doubles. St. Valentine's day is looked forward to as affording a special call for the flower that most needs a boost.

Carnations are arriving in fair quantity and are selling better than they have done, due, probably, to the short

Order of Us--You will find

BEAUTIES

ARE NOT SCARCE—PLENTY MEDIUM AND LONG STEMS

We never are without Beauties of the very best quality. The present cut is large. These Beauties are business-builders. Try them and you will find them so.

FANCY VIOLETS

We handle the cream of the Violet crops of America—the best of the stock produced in the famous Hudson River district and the finest fragrant, home-grown singles. You will be able to sell these NOW at a fine profit, and for St. Valentine's Day you can use large quantities if you push them.

CARNATIONS

Carnations are at their best at this time of year. Our stock is right up to top notch, and the supply is on the increase, offering excellent values. **Now is the time the retailers should push Carnations, relying on us to keep them supplied.**

CATTLEYAS

Why miss sales because you have no Cattleyas in stock? Of course, we can fill your orders at any time, shipping on next train, but why not carry a few in stock? The up-to-date store carries Cattleyas now, the same as Roses and Carnations. Let us have your standing order.

SPRING FLOWERS

Amid the snows of winter your customers will appreciate the spring flowers. Show them our Tulips, Jonquils, Freesia and Sweet Peas—all fine quality.

FANCY SWEET PEAS

Fine long stems, are beginning to arrive in quantity. Order some today.

KILLARNEYS

White and Pink

These are in good crop and we can supply as fine stock as this market ever saw, in quantity, for weeks to come. In fact, we never have been so well fixed to fill all orders as we are this January.

All Greens of Best Quality.

FANCY VALLEY ALWAYS ON HAND

Chicago Market Brand—the finest.

Current Price List

ORCHIDS	Per doz.
Cattleyas	$5.00 @ $6.00
Dendrobiums	6.00

AMERICAN BEAUTY	Per doz.
Extra long stems	$5.00
Stems 30 to 36 inches	4.00
Stems 24 inches	3.00
Stems 15 to 20 inches	$1.50 @ 2.00
Short	per 100, $6.00 @ $10.00

ROSES	Per 100
White Killarney, special	$15.00
" " select	$10.00 @ 12.00
" " seconds	6.00 @ 8.00
Killarney, special	15.00
" select	10.00 @ 12.00
" seconds	6.00 @ 8.00
Richmond, special	15.00
" select	10.00 @ 12.00
" seconds	6.00 @ 8.00

Extra special roses billed accordingly.

CARNATIONS	Per 100
Common	$2.00 @ $3.00
Select, large and fancy	4.00

MISCELLANEOUS	Per 100
Violets, New York double	$0.75 @ $ 1.00
" single	.75 @ 1.00
Easter Lilies	15.00
Callas, per doz., $1.50 @ $2.00	
Valley, seconds	3.00
" select	4.00
" special	5.00
Daisies	1.00 @ 2.00
Sweet Peas	.75 @ 1.50
Paper Whites	3.00
Romans	2.00 @ 3.00
Mignonette	6.00 @ 8.00
Golden Spurs	3.00 @ 4.00
Freesia	2.00 @ 4.00
Tulips	3.00 @ 5.00

DECORATIVE	
Asparagus Plumosus, per string	.50 @ .75
Asparagus Plumosus, per bunch	.35 @ .50
Asparagus Sprengeri, "	.25 @ .50
Adiantum, fancy, long, per 100	1.00 @ 1.50
" medium, "	.50 @ .75
Smilax, per doz., $1.50	10.00
Mexican Ivy, per 1000, 6.00	.75
Ferns, " 2.00	.25
Galax, " 1.25	.15
Leucothoe Sprays	.75

Store open from 7 a. m. to 6 p. m.
Subject to market changes.

E. C. AMLING CO.

The Largest and Best Equipped Wholesale Cut Flower House in Chicago

68-70 E. Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central.

supply of roses. The quality varies widely. Some notably fine stock is seen, with much that is poor. White has the call. Red is not wanted.

With cut flowers shortening up there has come an increased call for greens, but no shortage has been found.

Vaughan & Sperry Dissolve.

The partnership between A. L. Vaughan and Frederick Sperry was dissolved January 20, to take effect February 1, Mr. Vaughan acquiring Mr. Sperry's interest on that date. He will continue the business, probably under the name of A. L. Vaughan & Co.

Mr. Sperry left for a trip to California the same day the partnership was dissolved.

The Oldest Florist.

In a recent issue of The Review comment was made on the many years' service in the trade of so young a man as Harry Manheim, who, though only 35 years of age, says he has been twenty-eight years in the trade. The note brought the following interesting letter from J. B. Weeks:

I read that Harry Manheim, now with Hoerber Bros., believes himself to be the youngest old florist in Chicago. It may be of interest to some of The Review's readers, many of whom I know, that in the year 1862 Edgar Sanders opened a store at 107 Lake street for the sale of plants, cut flowers, seeds, etc., it being the only store in the city for such a business at that time. I became the manager of the store at the time it was opened and continued with Mr. Sanders for many years. I am old now, being in the eightieth year of my life.

Mr. Weeks resides at 4041 Milton place, Irving Park, and still supplies some of his old patrons with shrubs, herbaceous plants, bedding stock, etc.

Various Notes.

The violet train broke the record January 19. The Rhinebeck stock comes on a Michigan Central train due at 8:45 p. m., but which seldom is on time. During the cold weather it has been hours late and the shipment due to arrive on the evening of January 19 did not get in until noon January 20. But no one went without violets Saturday morning on that account.

W. L. Palinsky has made a claim on the Peoples Gas Light and Coke Co. for slightly more than $1,300 damages from the seepage of gas reported in this column last week. On receipt of the claim the gas company asked C. Frauenfelder to look over Mr. Palinsky's place and, not to be behind with expert evidence, Mr. Palinsky had E. Wienhoeber and H. N. Bruns take note of the damage.

William Winterson and Mrs. Winterson will celebrate their golden wedding anniversary Sunday, January 28. They are the parents of Edgar F. and Lewis H. Winterson and the latter has written a poem as a feature of the doings at the home of the venerable couple on North Oakley avenue.

Herman Schultz, who has been gardener at Waldheim cemetery for over a quarter of a century, has started in business for himself. He has bought the Washington Boulevard Greenhouses, at Oak Park. C. Pfund was the former proprietor. Mr. Schultz sold his residence in Forest Park.

Wendland & Keimel have glazed seven of their new houses and have five men working on the eighth, with three more houses ready for the glass. The severe weather has delayed the work, but it is expected all the houses will be ready for planting March 1.

WESTERN

ORCHIDS

Chas. W. McKellar

162 N. Wabash Avenue, CHICAGO

Headquarters

CURRENT PRICES

ORCHIDS			
Cattleyas, Trianae	Per doz.,	$5.00 @	$ 6.00
Cypripediums	"		2.00
Dendrobium Formosum, white	"	5.00 @	6.00
Oncidium, yellow	"		5.00
Boxes assorted Orchids, $5.00 and up.			
AMERICAN BEAUTY—Specials,	Per doz.,		5.00
36-inch	"		4.00
30-inch	"		3.00
24-inch	"		2.50
20-inch	"		2.00
15 to 18-inch	"		1.50
Shorter	"	.75 @	1.00
Killarney	Per 100,	5.00 @	12.00
White Killarney	"	5.00 @	12.00
My Maryland	"	5.00 @	12.00
Richmond	"	5.00 @	12.00
Mrs. Field	"	5.00 @	12.00
ROSES, our selection	"		5.00
" extra special, select	"		15.00
CARNATIONS			
Select	Per 100,	2.00 @	3.00
Fancy	"		4.00
MISCELLANEOUS STOCK			
Gardenias	Per doz.,	3.00 @	5.00
Valley	Per 100,	3.00 @	4.00
Easter Lilies	"	12.50 @	15.00
Violets, double		.75 @	1.00
" single		.75 @	1.00
Sweet Peas		.75 @	1.50
Paper Whites		3.00 @	4.00
Romans		3.00 @	4.00
Mignonette		6.00 @	8.00
Bouvardia		6.00 @	8.00
Jonquils			4.00
Tulips		3.00 @	5.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 @	.60
Asparagus Plumosus	Per bunch,	.35 @	.50
Asparagus Sprengeri	"	.25 @	.50
Adiantum	Per 100,	.75 @	1.00
Farleyense	"		12.00
Smilax	Per doz., $1.50		
Mexican Ivy	Per 1000, 6.00	"	.75
Ferns	" 2.00	"	.25
Galax, green	Per 1000,		1.00
" bronze	"		1.00
Leucothoe	Per 100,		.75
Wild Smilax	Per case,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Subject to market changes

ORCHIDS—SPECIAL

We have an unusually large and fine supply of that splendid orchid, Cattleya Trianae. Can supply any quantity. Let us have your inquiries.

CHAS. W. McKELLAR

162 N. Wabash Avenue, CHICAGO

Mention The Review when you write.

CARNATIONS

For January 29 **McKINLEY DAY**

5c—all good stock.

Remember, we won more prizes than were taken by any other exhibitor in the Carnation classes at this season's shows.

It proves not only the high quality of our stock, but its keeping and shipping quality as well.

We prefer to be known as THE BEST RATHER THAN AS THE LARGEST.

CURRENT PRICE LIST

CARNATIONS	Per 100	ROSES	Per 100
Good	$2.00	All varieties	$6.00 @ $12.00
Select, large and fancy, prize winners	$3.00 @ 4.00	Beauties	$2.00 @ $5.00 per doz.

MISCELLANEOUS STOCK

Sweet Peas.....per 100, 75c @ $1.00 Violets.....per 100, 75c @ $1.00

CHICAGO CARNATION CO.

30 E. Randolph St. A. T. PYFER, Mgr., CHICAGO

☛ ☛ Always mention the Florists' Review when ordering stock. ☚ ☚

CATTLEYAS

A superior article—Not to be confused with the common grade now offered in quantity at seemingly small figures.

Our Cattleyas are the finest in the country—there may be, somewhere, a few as good, but surely there are none better—and our cut is large. Order of us and get strictly fancy stock every shipment.

BEAUTIES

This week we have a large cut of Beauties. Mostly stems medium to long. Quality sure to please your customers. Order some today.

VIOLETS

Book orders now for St. Valentine's day, February 14. We have as fine stock, single or double, as is to be found anywhere. Order enough.

FANCY LILIES

Giganteum, Rubrum, Auratum.

These are fine Lilies and just what you want for a dozen different uses. There is no flower now in market that makes as big a show for the money as these Giganteums do. We can supply in thousand lots as easily as by the dozen. Glad to quote special prices on quantities.

FANCY WHITE LILAC, $1.50 per bunch.

Carnations

A big cut is on. Send along your orders. You will be pleased with the treatment we shall give every call.

Freesia

This is Purity, the long-stemmed, pure white Freesia, and it is fine. Once tried, you will not be able to get along with the common kind.

Valley

We always can furnish fancy Valley. None better. Try some and you'll want a regular shipment.

Special St. Valentine's Day Boxes

You will need a stock of Heart-shaped Boxes for St. Valentine's day and we advise ordering early, as the late demand usually exceeds the supply. Order now and avoid disappointment.

RED HEART-SHAPED BOXES

Size for 50 violets.....per 100, $15.00
Size for 100 violets.....per 100, 20.00
Size for 200 violets.....per 100, 25.00

FANCY VIOLET HEART-SHAPED BOXES

Size for 100 violets.....per 100, $25.00
Size for 200 violets.....per 100, 30.00

We have a complete stock of Violet Shields, Cords, Ties, Ribbons, Boxes, etc.

A. L. Randall Co.

Everything for Florists, L. D. Phone Central 1496 Private Exchange all Departments **66 E. Randolph Street, Chicago**

Mention The Review when you write.

Seven houses are to go into Killarneys and four into novelties, including Sunburst, Ward and Antoine Rivoire, sometimes known as Taft and sometimes as Bulgarie. This will mean a material addition to the rose supply of the E. C. Amling Co.

H. G. Young, formerly at Melrose Park, is preparing to open a flower store at 10 North Western avenue.

It is said that Bassett & Washburn will discard Bridesmaid at the close of this season, though theirs is an undoubtedly superior strain and deserves to be perpetuated. Bassett & Washburn had the only vase of Maid at the Detroit national rose show.

H. Van Gelder reports that W. S. Garland, who is one of the chief shippers to Percy Jones, was in from Des Plaines last week for the purpose of placing his annual order for a new automobile, a seven passenger touring car.

Van M. Zimmerman, formerly with the George Wittbold Co. and other local retailers, is now in charge of the store of Lanier Bros., at San Diego, Cal.

H. C. Wendland returned January 15 from a rabbit shooting trip in Kansas. Ahead of him he shipped 150 big jacks, besides bringing a lot in the baggage car.

HENRY M. ROBINSON & CO.,

46 West 26th Street,

New York City

Our new store is now open. We carry a large supply of Cut Flowers from the best growers. We are prepared to ship to all parts of the United States and Canada. Every order will receive our personal attention. A full line of florists' supplies and Hardy Cut Evergreens. Consignments of first-class flowers solicited. Satisfaction guaranteed.
Write, wire or telephone. Long Distance Telephones.

Mention The Review when you write.

Notice to the South and West

Save time and freight by buying in St. Louis and **SAVE MONEY. Florists' Supplies and Cut Flowers** at prices that are right. Send for our new **descriptive catalogue,** which has just been issued.

W. C. SMITH WHOLESALE FLORAL CO.

1316 Pine Street, ST. LOUIS, MO.

Mention The Review when you write.

Jos. E. Brown, the wholesalers' teamster who makes his headquarters at Winterson's Seed Store, buried his mother January 23.

Henry Wittbold decorated the Elizabethan room at the Congress hotel January 19 for the H. F. McCormicks. He cleaned up the market on Beauties, using over 2,500, all medium to long stems.

N. J. Wietor has secured the signatures of most of the Democratic florists on the nominating petition of his friend, Judge John A. Mahoney.

M. C. Gunterberg reports the arrival of the annual crop of Belvidere orange blossoms.

At J. A. Budlong's Phil Schupp is busy instructing a new young lady in the infinite detail of wholesale cut flower bookkeeping.

January 20 the secretary of state at Springfield authorized James Hibben, Elmer W. Adkinson and Francis M. Smith to proceed with the organization of a corporation to be known as Weiland's; capital, $5,000; objects, to grow and sell flowers; location, Chicago. Mr. Hibben is a lawyer at 167 West Washington street, and the other incorporators are his office associates. The florists interested are keeping in the background.

Poehlmann Bros. Co. has ordered, for its new store, the largest ice-box in town, fifty feet long and eleven feet deep. The new box and fixtures are going in this week. The new store will be occupied as soon as the work is finished.

It is reported that there is disagreement between the proprietors of the Alpha Floral Co., Frank Williams and George Economopolus, but that the business will go on as usual, no matter what steps are taken to adjust the partnership affairs.

John Kruchten visited the Deerfield Nurseries last week, looking for gardenias. With a large increase in plants, this season's crop has been far short of last season's.

A. L. Randall reports auratum and rubrum lilies not selling any too well, although there is again a good demand for Easter lilies.

Tim Matchen says he is perfectly satisfied with the business of the last week, Peter Reinberg's rose cut having been good.

E. E. Pieser has returned from his trip to West Baden.

A. C. Spencer, at Kyle & Foerster's, says he looks for the quick return of brisk business now that the weather is back near normal.

When E. H. Hunt's travelers took the road early in January they began booking orders for peonies for Memo-

Ready for Instant Use

PINE TREE RIBBONS and CHIFFONS

Lustrous, rich-toned ribbons. Sample and prices on request.

The Pine Tree Silk Mills Co.

PHILADELPHIA

Mention The Review when you write.

E. H. HUNT

Cut Flowers

131 N. Wabash Avenue, CHICAGO

PERCY

Not the Oldest

Nor the Largest

Just the Best

56 E. Randolph Street

CHICAGO

JONES

WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS
SHIPMENTS EVERYWHERE — CUT FLOWERS — IMMEDIATE DELIVERIES
154 NO. WABASH AVE CHICAGO
PHONE CENTRAL 879

AMERICAN BEAUTIES
ROSES
CARNATIONS
ORCHIDS, GARDENIAS
VALLEY, VIOLETS
DAISIES, LILIES, Etc.
GREENS

At Lowest Market Rates

Weiland & Risch

154 N. Wabash Avenue
CHICAGO

BUY YOUR FLORISTS' SUPPLIES FROM

L. BAUMANN & CO.

357-359 W. Chicago Ave., CHICAGO, ILL.

We have the largest and most complete stock, Sea Moss, or Japanese Air Plant; Natural prepared Ferns, Cycas Leaves, Magnolia Leaves, Cycas Wreaths, Magnolia Wreaths, Moss Wreaths, Metallic Designs and a big line of Novelties.

WIRED TOOTHPICKS

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000.....$1.75 50,000.....$7.50

Sample Free. For sale by dealers.

Milwaukee Flowers

Have Become Widely Known as

The Best in the Northwest

And at the Fall Show we proved that the stock we grow and sell is without equal.

A large supply of Roses, Carnations, Valley, Bulb Stock, Violets and Greens of all kinds. Extra Fine Long Smilax

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
36 to 48-inch	$6.00
24 to 30-inch	4.00
18 to 24-inch	3.00
12 to 18-inch	$1.50 @ 2.00

ROSES	Per 100
Specials	$12.00
Richmond	$6.00 @ $10.00
Killarney	6.00 @ 10.00
White Killarney	6.00 @ 10.00
Roses, our selection	4.00 @ 6.00

MISCELLANEOUS	
Snapdragon, per bunch	.35 @ .75
Paper Whites	2.00 @ 3.00
Harrisii Lilies...per doz., $1.50 @ $2.00	16.00
Yellow Narcissus	3.00
Romans	2.00 @ 3.00

MISCELLANEOUS	Per 100
Carnations, fancy	$4.00
Carnations, common	$2.00 @ 3.00
Carnations, splits	1.50 @ 2.00
Stevia	2.00
Violets, Wisconsin grown	.75 @ 1.00
Valley	3.00 @ 4.00
Adiantum, extra fine	1.50
Asparagus Strings..each,	$0.50 @ $0.75
Asparagus Bunches.each,	.25 @ .50
Sprengeri Bunches.each,	.25 @ .35
Smilax.....per doz.,	1.50 @ 2.00
Galax, green.....per 1000,	1.50
Galax, bronze...per 1000,	1.50
Ferns.....per 1000,	2.00

Subject to change without notice.

Wild Smilax on hand all the time, $5.00 per case; $22.50 for 5 cases.

HOLTON & HUNKEL CO.

462 Milwaukee Street, MILWAUKEE, WIS.

Mention The Review when you write.

Plants Sell Better



when the ugly clay pots are hidden by the attractive and artistic

EVER-READY POT COVERS

Strong cardboard foundation. Best quality waterproof crepe paper, silk fiber ribbon ties at top and bottom. Firmly held with improved metal fastenings. Furnished in four colors and many sizes. Write for samples and price list today.

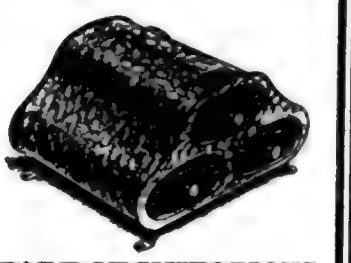
EVER-READY FLOWER POT COVER CO.
146 Hughes Ave., Buffalo, N. Y.

Mention The Review when you write

PROTECTION !!!

of your plants from freezing. This can only be done by using a celebrated

LEHMAN WAGON HEATER



400,000 are in use by **Florists**, horsemen, doctors and farmers. They burn **Lehman Coal** (from which there is no smoke or danger), at a cost of less than ½c per hour.

CAN YOU AFFORD TO BE WITHOUT ONE? **BEWARE OF IMITATIONS**

LEHMAN BROS.
MANUFACTURERS
10 Bond St. NEW YORK

For circular and price list write
J. W. ERRINGER, General Western Sales Agt.
20 E. Randolph St., CHICAGO, ILL.

Mention The Review when you write.

WELCH BROS., 226 Devonshire Street, Boston

The Largest Wholesale House in America

Orchids :: American Beauties :: Gardenias :: Other Seasonable Flowers

Mention The Review when you write



SPLIT CARNATIONS

Quickly, easily and cheaply mended. No tools required.

Pillsbury Carnation Staple
Patented 1908.
2000 for $1.00 postpaid.

I. L. PILLSBURY
GALESBURG, ILL.

Mention The Review when you write.


BEFORE

No loss if you mend your split carnations with **Superior Carnation Staples**

50c per 1000 postpaid


AFTER

WM. SCHLATTER & SON
422 Main St., Springfield, Mass.

rial day. The blooms will be shipped direct from cold storage, without going to the store at all.

The Chicago Flower Growers' Association says shipping demand has picked up rapidly since the cold weather passed.

P. J. Foley has joined the New York Florists' Club. His company has opened a New York office.

Albert Lies, who runs what was formerly the Brod greenhouses at Niles Center, is planning to tear down two of the old houses and erect one new, larger house in their place. He expects to make the change during the spring and early summer.

H. C. Blewitt has placed an order for one more house, 34 x 150, to be added to his range at Des Plaines. Garland materials will be used.

Visitors: E. J. Fancourt, of Pennock-Meehan Co., Philadelphia; Martin Reukauf, with H. Bayersdorfer & Co., Philadelphia; J. R. Falkenstein, Naperville, Ill.

Lilac
Tulips
Pansies
Freesia
Daffodils
Mignonette
Sweet Peas
Pussy Willow

SPRING FLOWERS

¶We are offering quite a variety in this particular line. Your customers look for a change from the everyday flowers. It is profitable stock for you to handle, as our prices are sufficiently low to make them attractive to all. Include some Spring Flowers in your next order.

Fancy Ferns, extra quality, $2.00 per 1000

The Leo Niessen Co. Wholesale Florists 12th and Race Streets, PHILADELPHIA, PA.

Mention The Review when you write.

PHILADELPHIA.

The Rising Eastern Market.

The market has shown decided improvement for the week ending January 24. The weather has moderated. The supply is hardly so heavy. The demand has improved. Prices are firmer That is the situation in brief. Roses are rather less plentiful. There is nothing approaching a shortage except in the cheaper grades. Carnations are more plentiful. Prices rule lower. At these lower figures a better demand has developed. Good sweet peas are in active request at excellent figures. Most of the flowers are now of medium and lower grades, selling at from one-half to one-third the price of the best stock. Cattleyas, gardenias and violets are rather quiet, with the supply fully equal to the demand. There is a marked increase in the receipts of bulbous flowers. Single daffodils and freesia both are fine. They are used in large numbers. Tulips generally are poor. Many of the bulbs do not appear to have been well ripened and do not produce good flowers and stems so early. Paper White narcissi are cheap. Lilies are selling better. Valley always seems in favor when well done. Greens are in brisk demand.

The out-of-town demand is lively, calling for much fine stock. The pre-Lenten social season of entertainments is in full swing everywhere.

A Pretty Novelty.

"I have something to show you. Here are two hat baskets; one is made up ready for a 6-inch pot; the other can be made up with this adjustable wire any size desired." The speaker was H. Bayersdorfer. Before him were two attractive braid hat baskets, one ready for use, with a light handle; the other flat, awaiting adjustment. Mr. Bayersdorfer said they came in flower colors and were a novelty that would prove invaluable.

As many letters have postscripts, so with this novelty comes another—a French, or may be it was termed Parisian sprinkler, an ingenious device by which a steady spray is pumped, as it were, from a bottle. This ingenious device is intended to supplement the rubber sprinkler now in use in the shops. It was instantly adopted by several of our leading florists.

SPRING FLOWERS

Single Daffodils are very fine, in large or small quantities.
Violets, single and double, are choice.
Freesia, with long stems.
Paper Whites are very good value for decorations.
Valley, in two grades.

We have an excellent supply of **ROSES, CARNATIONS, EASTER LILIES** and all seasonable flowers.

PRINCETON

We are receiving large shipments of this fine rose daily. In color it is the brightest and best of the pinks. Princeton won high honors at Detroit at the American Rose Society Exhibition.

BERGER BROTHERS
Wholesale Florists
140-142 North 13th Street, PHILADELPHIA, PA.

Mention The Review when you write.

Various Notes.

A Chestnut Hill grower is said to have cut $5,000 worth of Beauties during the week before Christmas.

Philip Breitmeyer, Detroit; Eugene Dailledouze, Flatbush, L. I., and R. T. Brown, Queens, N. Y., were recent visitors.

The Philadelphia Cut Flower Co. reports the arrival of fine freesia and sweet peas.

Charles F. Edgar is now at the Bellevue-Stratford flower shop of J. J. Habermehl's Sons.

Victor Groshens is building a residence on his farm at Roslyn, Pa.

The Henry F. Michell Co. has leased a four-story building at 500 Ludlow street, for storage purposes.

J. William Colflesh & Sons will be strong factors in English ivy this spring.

William J. Baker is steadily recovering from the injuries received from his recent accident.

The temperature on the morning of January 14 was reported at 18 below zero at Norfolk, Va., and below at Alexandria, near Washington, D. C., and at White Marsh, Md.

Edwin C. Jellett read a paper on "The Gardens and Gardeners of Germantown" in the museum of Vernon park, Germantown, before the Site and Relic Society on the evening of January 19.

The Robert Craig Co. recommenced shipping plants January 23, after a

Cattleya Trianae



Beautiful flowers, each one a specimen, some dark, some light, a few almost white.

$6.00 per dozen; $40.00 per 100

Perfect flowers; second size:

$4.00 per dozen; $25.00 per 100

White Lilac

Very fine quality, **$1.00** per bunch; extra fine **$1.25** per bunch.

Distributing agents for the great New Roses for 1912:

Double White Killarney

and

Killarney Queen (Budlong Strain)

	100	1000
Grafted	$30.00	$250.00
Own Root	25.00	200.00

SUNBURST

Grafted	$35.00 per 100;	$300.00 per 1000
Own Root	30.00 per 100;	250.00 per 1000

LADY HILLINGDON

Grafted	$25.00 per 100;	$200.00 per 1000
Own Root	20.00 per 100;	150.00 per 1000

AARON WARD

Grafted	$20.00 per 100;	$150.00 per 1000
Own Root	10.00 per 100;	90.00 per 1000

Ribbons and Supplies

Many new patterns in exclusive Ribbons. Write us for prices on these and on Supplies.

PM QUALITY

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF PHILADELPHIA

PHILADELPHIA 1608-1620 Ludlow Street

NEW YORK 109 West 28th Street

WASHINGTON 1212 New York Avenue

Mention The Review when you write.

GIVE QUALITY

SWEET PEAS FREESIA DAISIES

PAPER WHITE NARCISSUS

Philadelphia Cut Flower Co., 1517 Sansom Street, Philadelphia, Pa.

OPEN UNTIL 6 P. M.

Mention The Review when you write.

suspension of nearly three weeks, due to the severely cold weather.

Eugene Bernheimer continues to receive heavy shipments of sweet peas from the Florex Gardens.

Edward Reid reports excellent orders for daffodils and sweet peas.

M. Rice & Co. report that Easter orders are coming in unusually early this year, running largely on ferneries and plant baskets.

Carl Corts has superb White Killarney and Killarney from the Roelofs place of the Joseph Heacock Co.

Easter lilies, a taste of what is to follow, are coming from Henry I. Faust, of Merion, to Samuel F. Lilley.

The Collingdale Greenhouses commenced cutting Golden Spurs January 22.

R. Shoch, of M. Rice & Co., has just returned from a successful trip through the south and reports that when he was in South Carolina they had about six inches of snow. Business was suspended, as it was a rare sight to see so much snow there, and the people indulged in snowball fights. Not hav-

THE Florists' Supply House of America

Appropriate For St. Valentine's Day

We have carefully selected a few of our **Choice Specialties** for St. Valentine's Day. With that odd touch you know how to add, they will make your business on February 14th the best you have ever had.

Hat Baskets for Valentine's Day, two kinds, made up and adjustable in all flower colors.
Heart Baskets are especially suited for violets; sizes, 6 to 12-in.
Heart Baskets with Raised Lids, in all colors; sizes, 6 to 12-in.
Violet Chip Hampers come in white, pink, green and lavender; sizes, 4½x7-in. to 8x12-in.
Twig Hampers, open, for a small bunch of flowers; sizes, 3½x7½-in. to 7x11-in.
Twig Hampers with Pan, for dainty plants, sizes; 5x9-in., 11x18-in.
Green Braid Hampers, 10-in. wide, 14-in. long, to 15-in. wide, 24-in. long.
Chip Hampers, 6x24-in. to 16x48-in.
Corsage Lace Handkerchiefs are a dainty memento that will please your patrons by putting them in a box of violets, peas, valley or any corsage bouquet; they protect the dress and can be had in all the desired shades.
Corsage Bouquet Holders, adjust any size bouquet in a moment. They come in bright gold, Roman gold, silver, oxidized or sterling silver finish.
Violet Cords and Tassels for finishing the corsage bouquet.
Gauze and Silk Ribbon Tassels for violets, peas, orchids, valley.
Violet Ribbon, in any width and material.
New Sea Moss, Japanese Air Plants, a large stock just received.

Let our Silent Salesman tell you about Everything in Florists' Supplies.

H. BAYERSDORFER & CO., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.

ing sleighs, they used rocking chairs, and attached them to the backs of wagons and pulled them by rope.

Phil.

NEW YORK.

The Market.

The cold wave has departed, leaving a record of the worst January business New York has ever known. The regular winter temperature seems to have returned and, with no superabundance of arrivals in roses or other cut flowers, there should be satisfactory business during the balance of the season, or at least until Lent arrives. McKinley day should exert its influence, and reminders of it are already in all the wholesalers' windows.

Shipments of all kinds were light last week, but prices did not advance, although Beauties were especially firm and 75 cents was the asking price for the selected ones at the end of the week. There has been no change in the values of other roses. Killarney still leads the procession. The new roses lose none of their attractiveness and popularity. Carnations were disappointing to the wholesale distributors and any lift to values seemed a hopeless task. Few sold above 3 cents, even of the novelties. Lilies were firmer, valley abundant and orchids about sufficient for the demand. There are more callas arriving and a better grade, some selling up to $2 a dozen. Gardenias do not go above $4 a dozen for the best. A lot of second-class stock is arriving that the street venders and the department stores must take. There is a great abundance of bulbous stock. Daffodils are no longer limited and of freesia there is no end. Tulips are improving. All the other seasonable stock is in liberal supply.

The cold interfered with the violet demand, but prices held at 60 cents for the best. There was no outlet for the lower grades. This week should see an increased demand. St. Valentine's day and the privileges of leap year should make February an especially good month.

MICHELL'S PETUNIA SEED

Single-Flowering Varieties

	½ Trade Pkt.	Trade Pkt.	Oz.
California Giants. Strong, robust plants, immense flowers of bright and desirable colors (1-16 oz., $2.25)	$0.30	$0.50	
Grandiflora Fringed. Each petal of these giant flowers is delicately fringed; all colors (1-16 oz., $2 00)	.30	.50	
Ruffled Giants. Enormous, flowers finely ruffled and frilled at edges	.30	.50	
Dwarf Inimitable. Of dwarf, compact habit; striped and blotched	.30	.50	$1.25
Rosy Morn. Brilliant pink with white throat	.30	.50	2.00
Enchantress. Dwarf, flowers of many shades and colors	.30	.50	2.25
Snowball. Dwarf, pure white		.30	1.50
Star. A beautiful variety; crimson maroon flowers, each having a distinct five-pointed white star	.30	.50	2.50
Choice Mixed		.25	.75

Double-Flowering Varieties

One of our specialties; seeds will produce a large percentage of double flowers.

Double Hybridized and Fringed Mixed. Superb colors and of mammoth size. Per 500 seeds. 75c; $1.50 per 1000 seeds.

Double Fringed White. Extra large. Per ⅛ trade pkt., 60c.; $1.00 per trade pkt.

MICHELL'S WHOLESALE FLORISTS' CATALOG for 1912 is brimful of good things for the grower. If you have not received it, WRITE FOR A COPY TODAY.

HENRY F. MICHELL COMPANY
518 Market Street PHILADELPHIA, PA.

Mention The Review when you write.

Cut Flowers Greens Supplies

——Everything a Florist Needs——

CINCINNATI CUT FLOWER EXCHANGE
Wholesale Commission Florists 24 E. Third Ave., Cincinnati, Ohio

Mention The Review when you write.

BRONZE GALAX 75 CASES

new crop, on hand, all A-No. 1 quality, size medium. To move them quickly, will make the price $2.50 per case of 10,000. F. O. B. Mt. Airy, N. C. Cash with order. Established 1900.

THOS. HOLDER
R. F. D. No. 1, ROUND PEAK, N. C.

Mention The Review when you write.

All Kinds of Evergreens
at Wholesale

Dagger Ferns..65c 1000 Log Moss..... 2½c lb
Galax ..... 45c 1000 Leucothoe ...$1.80 1000

I have anything a florist wants. Give me your orders. Fail not. Cash, please.

GRANT PRESNELL, - DEL RIO, TENN.

Mention The Review when you write.

BRONZE GALAX LEAVES

We have just received a new shipment, fine stock, that we offer at a bargain to effect a quick clearance.

We will prepay freight and deliver f. o. b. your station in case lots .....$7.00 per case of 10,000

All Cut Flowers billed at Chicago market price day of shipment.

KENNICOTT BROS. CO.

163 N. Wabash Ave. **CHICAGO**

Mention The Review when you write

Sprays - - Ferns

NEW CROP, FRESH FROM THE PATCH



Fancy and Dagger Ferns, $1.00 per 1000.

Long Green Leucothoe Sprays, $2.50 per 1000.

Short Green Leucothoe Sprays, $1.25 per 1000.



Bronze Leucothoe Sprays, assorted lengths.	$3.50 per 1000
Bronze Galax	.50 per 1000
Green Galax	.45 per 1000
Hemlock Sprays	1.50 per 1000
Rhododendron Sprays	2.00 per 1000
Mountain Laurel Sprays	1.50 per 1000

Discount on large orders. Eighteen years in the business. Send me your orders.

J. N. PRITCHARD, Elk Park, N. C.

Mention The Review when you write

ESTABLISHED 1898.

SMITH'S GALAX LEAVES
LEUCOTHOE SPRAYS
are Standard.

WM. C. SMITH

Marion, North Carolina

Ask for Smith's Galax and Leucothoe. Distributors in Boston, Providence, New York, Philadelphia, Baltimore, Washington, Pittsburgh, Cleveland, Detroit, Chicago, Milwaukee, St. Louis and Cincinnati.

Mention The Review when you write.

Various Notes.

The Elberon Horticultural Society held its annual banquet at Deal Inn January 22 and the Morris County Horticultural Society had its dinner at Piper's hotel, Morristown, January 24. Glen Cove's date is January 25 and Yonkers will celebrate St. Valentine's day. New York always is represented at each of these pleasant affairs.

The New York and New Jersey Association of Plant Growers will have its annual banquet this year at Mouquin's, Twenty-eighth street and Sixth avenue. Julius Roehrs, Jr., H. C. Steinhoff and Louis Dupuy are the committee.

The Duke and Duchess of Connaught and the Princess Patricia, of Ottawa, Canada, are here this week and some notable dinners are to be given. Lang has charge of the decorations for Ambassador Reid. Orchids will be the principal flower.

The Caldy-Waldy beefsteak dinner Saturday evening, January 20, under the management of Charles Millang, was a great success. About 125 sat down in Castle Cave to a splendid repast at which champagne flowed freely. Nearly every wholesale florist was present or represented. A fine musical program was rendered by professionals and the festivities lasted until Sunday morning.

FLOWER GROWERS SALES CO.

INCORPORATED

BOSTON, MASS.

Direct from Grower to Dealer.

DIRECTORS

E. Allan Peirce	C. H. Holbrow
Louis J. Reuter	Frank Dolansky
J. Frank Edgar	Frank P. Putnam
Wm. Sim	A. A. Pembroke
Thos. Roland	Wm. Lenk
Wm. Jurgens	Wilfred Wheeler

Salesroom at BOSTON FLOWER EXCHANGE PARK STREET Telephone 3766 Haymarket

THANKS

for our large Xmas business, which came to us from all quarters of New England.

During the midwinter season we shall have constantly in stock the best selling varieties of **ROSES, CARNATIONS, ORCHIDS, VALLEY, VIOLETS, PANSIES, SWEET PEAS, ETC.,** and respectfully solicit orders for regular or occasional shipments.

Write for prices at any time.

Office at 1A PARK STREET Telephone 3765 Haymarket

Mention The Review when you write

LOOK! WE ARE HEADQUARTERS

For Ferns, Leucothoes, Moss and All Greens.

Fancy and Dagger Ferns	1000,	$0.70
Leucothoe Sprays, large	1000,	1.70
Sheet Moss, finest stock	3c lb.	
Bouquet Greens	8c lb.	
Silver Pine	35c lb.	
Hemlock Sprays	1000,	1.50
Galax, green and bronze	1000,	.45

Satisfaction guaranteed. Terms cash.

Wm. W. Presnell & Sons, Boomer, Tenn.

Mention The Review when you write.

LOOK! I AM LOCATED

in one of the greatest Evergreen regions in the world and I am prepared to furnish all kinds of greens at money saving prices.

Fancy and Dagger Ferns, large, 45c per 1000; Galax, bronze and green, large, 35c per 1000; Leucothoe Sprays, large, $1.30 per 1000; Hemlock Sprays, $1.25 per 1000; Boxwood, 12c per lb.; Bouquet Greens, 4c per lb.; Princess Pine, 10c per lb.; Moss, in large sheets, 2c lb. Full line of greens in stock at all times. I am located right at R. R. and can fill all orders same day as received. Let me have your orders, large or small. Terms, strictly cash with first order.

L. M. Presnell, Crestmont, N. C.

Mention The Review when you write.

Wild Smilax and Leucothoe Fully Guaranteed

LOUISVILLE FLORAL CO., Louisville, Ala.

Telegraph Office, Abbeville, Ala.

Mention The Review when you write.

Ferns——Galax——Moss

HEADQUARTERS FOR SOUTHERN WILD SMILAX

$3.00, $4.00 and $5.00 per case.

New Fancy Ferns
Per 100.....20c Per 1000.....$1.75

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000..... 5.00

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000..... 7.50

Green Galax Leaves
Per 1000.....$1.00 Per 10,000..... 7.50

Boxwood
Per lb.....20c Per case of 50 lbs.....$7.50
Per case of 100 lbs.....$14.00

Mexican Ivy
Per 100.....75c Per 1000..... 6.00

Green Sheet Moss
Per bundle.....$1.00 10 bundles..... 9.00
25 bundles.....$21.00

SPECIAL PRICES ON LARGE QUANTITIES.

Imported Bronze and Green Magnolia Leaves, $2.00 per basket
Everything in Florists' Supplies

Full Line of Cut Flowers and Other Greens at All Times.

C. E. CRITCHELL, Wholesale Commission Florist, 34-36 East Third Ave., **Cincinnati, Ohio**

Mention The Review when you write.

Abraham Moltz seems to have fully recovered from his illness and will conduct his business without a partner hereafter.

W. M. Hunt is representing A. T. Boddington at the various horticultural banquets. He has just returned from a successful western trip.

The gardeners of Swedish birth in this vicinity are forming a society under the chaperonage of Kennedy & Hunter. The officers elected are: President, Maekus Soderstrom; treasurer, John H. Lauren; secretary, Karl Larson, of Roslyn, L. I.

G. E. Bradshaw is now manager of the cut flower department of William Kessler.

Mr. and Mrs. Hess mourn the loss of their child and have the sympathy of the trade in their bereavement. Mr. Hess is salesman with James McManus.

Jas. Meikeljohn, formerly traveling salesman for H. Frank Darrow, has decided to again try the retail florists' business at Middletown, N. Y.

The partnership of Pritchard & Donahue, wholesale florists, has been dissolved by mutual consent. Both gentlemen will continue in the business, with headquarters in the Coogan building.

Frank H. Traendly celebrated his birthday en route home from Detroit January 12, the boys giving a practical demonstration of their good will in the presentation of a suitably engraved silver bowl.

January 27, the Horticultural Society of New York will hold an orchid and carnation exhibition at the American Museum of Natural History. Many cash prizes are offered. The orchid section of the society will hold a meeting at 3 p. m. At 4 p. m. C. A. Darling will give a stereopticon lecture on "Grapes and Grape Culture."

The Geller Florists' Supply Co. has moved to 137 Freeman street, Brooklyn, where it will occupy the entire building. The business has grown rapidly during the last year and larger facilities were necessary. The locality is convenient.

[Continued on page 87.]

FANCY OR DAGGER FERNS

$1.00 per 1000. Write for prices on large orders.

Galax, 75c per 1000; $6.50 per case of 10,000. **New Bronze** now ready, write for prices.



Tel. Office, New Salem, Mass.
L. D. Phone Connection.

MILLINGTON, MASS.

Try our **Boxwood,** it's the finest that grows; no waste; 50-lb. case, $7.50.
Laurel Festooning, the best, 4c, 5c and 6c per yard.
The finest **Laurel Wreaths** made, $3.00 per dozen.
Branch Laurel, 35c for large bundle.
Sphagnum Moss, $4.00 per bale.
Bouquet Green, 8c per lb.
Southern Smilax, $5.00 per case of 50 lbs.
Green Moss, $1.25 per bbl.
Partridge Berries, 10c per bunch of 50 sprays.

A Special Lot of GROUND PINE, only $6.00 per 100 lbs. First come, first served.

CROWL FERN CO., : Millington, Mass.

Mention The Review when you write.

WHOLESALE ONLY

Galax, Ferns, Leucothoe

—Ask for Price List—

THE NORTH CAROLINA EVERGREEN COMPANY,
Banners Elk, Pianola, Edgemont, Montezuma, Elk Park.
Address all communications to our home office, Banners Elk, N. C.

Mention The Review when you write.



LOOK! ACT!

Fancy Ferns.....$3.00 per case of 5000
Green Leucothoe, long lengths.....$1.75 per 1000
Green Leucothoe, 10 to 16-in. lengths... .90 per 1000
Order now. Stock guaranteed. Cash with order.

F. H. STINSON, Banners Elk, N. C.



FLORISTS!

Don't forget when you remember that I sell all

Native Forest Greens, Cut Ferns, Festooning, Baled Boughs, Xmas Trees, Etc.

Write for price.

H. J. SMITH, Hinsdale, Mass.

Mention The Review when you write.

George B. Hart

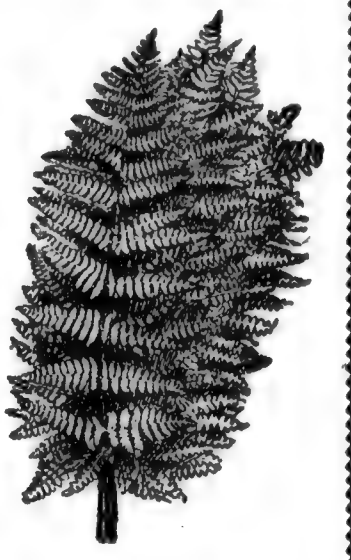
WHOLESALE FLORIST

24 Stone Street. ROCHESTER, N. Y.

Mention The Review when you write.



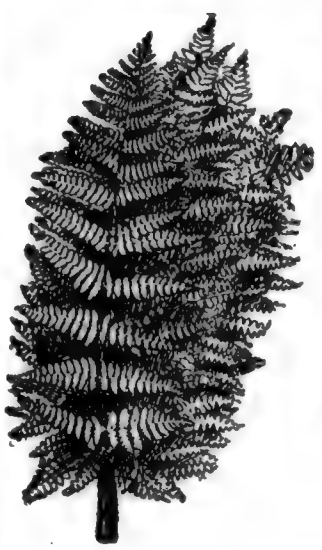
Fancy Ferns



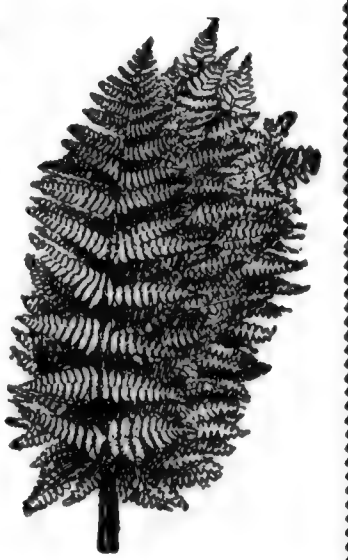
Finest stock in the country

$1.75 per 1000 Discount on large orders. **$1.75 per 1000**

Place your standing orders with us.
Full supply all the year around.



Imported green and bronze Magnolia Baskets, $2.25; 6 baskets	each,	$2.00
Galax Leaves, green and bronze	per 1000,	1.25
Green Leucothoe Sprays, extra fine	per 1000,	7.50
Boxwood	per lb., 20c; per case, 50 lbs.,	7.50
Wild Smilax	50-lb. case,	5.00
Sphagnum Moss	large bales,	1.50



Full supply Cut Flowers at all times.

Michigan Cut Flower Exchange

38-40 Broadway, Detroit, Mich.

"Nothing can improve on Nature"

1886 **1912**



GEORGE W. CALDWELL, The Woodsman
The man who gave you the Wild Smilax

WILD SMILAX

Large cases.....$2.50
Parlor brand half cases..... 1.50

Wire your orders
We ship same day

Caldwell The Woodsman Co.

Everything in Southern Evergreens

EVERGREEN, ALA.


FANCY

When in Need of Extra Fine Quality CUT FANCY or DAGGER FERNS


DAGGER

Write to

"The Fern Men"

L. B. BRAGUE & SON {Since 1867} **HINSDALE, MASS.**

Mention The Review when you write.

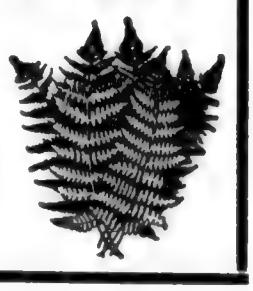
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Evergreens Fresh from the Woods



Galax, Bronze, 50c per 1000; $4.00 per case of 10,000.
Ferns, Fancy, 80c per 1000; $3.50 per case of 5000.
Green Leucothoe, regular lengths, $1.75 per 1000.
Green Leucothoe, 10 to 16-inch, $1.00 per 1000.
Bronze Leucothoe, 10 to 16-inch, $1.75 per 1000; regular lengths, $2.75 per 1000.

Cash with order.



Wire us, Elk Park, N. C. **BANNERS ELK, N. C.**

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Wire, Write or Phone Your Orders For

Southern Wild Smilax

Palms, Pines, Fadeless and Natural Sheet Moss, to

CHAS. S. LEE & CO., Evergreen, Ala.

We guarantee to take care of you to your entire satisfaction.

Always mention the Florists' Review when writing advertisers.

We are now shipping

Southern Wild Smilax

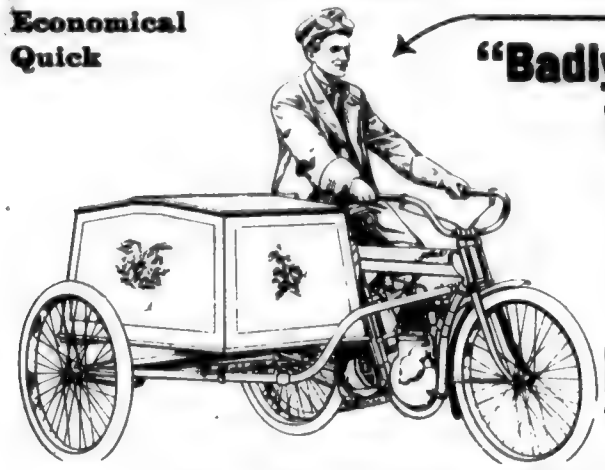
Natural and Perpetuated

SHEET MOSSES

E. A. BEAVEN, - EVERGREEN, ALA.

Always mention the Florists' Review when writing advertisers.

Economical
Quick



"Badly Crippled Without the Motorcycle"

That is what L. J. Reid, of Reid's Greenhouses, Fort Morgan, Colo., says about motorcycle delivery for rush funeral, or other, orders. He finds the motorcycle "handy, quick and economical." So will you if you use an "Armac." Write for catalogue and prices.

THE AUBURNDALE CO.
930 West Randolph Street, CHICAGO
Agents for Armac Motorcycles

Mention The Review when you write.

Studebaker

DELIVERY WAGONS

Are Up-to-date, Snappy and Stylish, Creating a Favorable Impression Among Your Trade and Prospective Customers.

DO YOU WANT US TO TELL YOU WHY?

THE STUDEBAKER CORPORATION
SOUTH BEND, IND.

Advr. No. 1515.



Always Mention the Florists' Review when writing advertisers

Help Wanted

Two men for potting. Good wages. Apply to

Bassett & Washburn
131 N. Wabash Ave., CHICAGO

LANCASTER, PA.

The Lancaster Florists' Club held a meeting on Thursday evening, January 18, in the rooms of the Chamber of Commerce. President Albert M. Herr gave an interesting talk about his recent trip to Detroit, where he attended the annual exhibition of the American Carnation Society.

A number of new varieties of carnations were on exhibition. H. D. Rohrer exhibited a vase of a new red seedling; E. J. Weaver, of Ronks, a vase of a new red, named Comfort, and J. W. Bruckart, of Lititz, a vase of new seedling carnations. H. D. Rohrer also exhibited a specimen of the new Primula malacoides, which was greatly admired. There was an exhibit of Rainbow from the Wanoka Greenhouses, Barneveld, N. Y.; of Delhi from William Murphy, Cincinnati, and of Rosette from F. Dorner & Sons Co., La Fayette.

The program for the next meeting is in the hands of B. F. Barr, W. B. Girvin and Francis Bachler.

Want and For Sale Department

☞ Advertisements under this head **10 cents per line**, cash with order from all who do not do other advertising. In sending remittance count seven words to the line.

Display advertisements in this department **$1.30** for one inch space.

When answers are to be sent in our care, add 10 cents for forwarding.

Plant advertisements not admitted under this head.

SITUATION WANTED—Young man, age 30, wants position in store; is capable and energetic; decorator and designer; also a good grower of pot plants; six years' experience in decorating and designing. Address Mr. H. Seitz, Box No. 9, Elmira, N. Y.

SITUATION WANTED—As park superintendent or on private place; capable of taking full charge; expert landscape gardener and horticulturist, with a full knowledge of floriculture in all its branches; honest and sober and not afraid to work; can give the very best of references. Address No. 60, care Florists' Review, Chicago.

SITUATION WANTED—An intelligent young man of clean habits and modern culture, with all-round knowledge of florist business, wishes to correspond with a party who needs a responsible person as florist, designer and storeman; expect good salary; particulars in correspondence. Address Florist, care Jos. Segal, 2405 E. 43d St., Cleveland, O.

SITUATION WANTED—By German florist as foreman; first-class grower of roses, carnations, mums, sweet peas, lily of the valley and general stock; also good designer and decorator; married man, 35 years of age; 9 years' experience in Germany, 10 years in U. S.; sober and best references. Address Nick Tertscheck, 306 Kiefaber St., Dayton, Ohio.

SITUATION WANTED—By florist of expert ability; only first-class store. Address No. 57, care Florists' Review, Chicago.

SITUATION WANTED—As foreman, by all-round florist; good grower of roses, carnations, mums, bedding stock, etc.; life experience. Address G. Mildt, 617 Richmond St., Cincinnati, O.

SITUATION WANTED—As gardener on private place; has nine years' experience; married, no children; by the first of March or before. Address B. T. De Wilde, R. 2, Orange City, Iowa.

SITUATION WANTED—As working foreman; competent grower of roses, carnations, mums and general all-round stock; German, single, age 36; life experience; A-1 reference. Address J. L., 909 Jessamine St., St. Paul, Minn.

SITUATION WANTED—By young married German, good grower of roses, carnations, mums and general stock; sober and industrious; able to take full charge. Address No. 54, care Florists' Review, Chicago.

SITUATION WANTED—A general grower and propagator of potted plants, as well as cut flowers, is open for engagement as foreman; state full particulars in first letter. Address No. 63, care Florists' Review, Chicago.

SITUATION WANTED—By life experienced florist; single, 27 years old; know all about growing roses, mums, general plants, pot plants and making up designs; can furnish reference. Andrew Dygard, Nevada, Mo.

SITUATION WANTED—By middle-aged single man, life experience in England and America; A-No. 1 rose grower, also good at forcing cucumbers, tomatoes and muskmelons; best of references. Address No. 58, care Florists' Review, Chicago.

SITUATION WANTED—Able gardener, German, of theoretical and practical life experience, especially in landscape gardening; capable, sober, orderly; position in park, cemetery or private estate. Address No. 55, care Florists' Review, Chicago.

SITUATION WANTED—As foreman in commercial or private place; have experience in every line of gardening and cut flowers; married, without children; will furnish the best of references. Joseph Kostrzewski, 1958 W. Division St., Chicago.

SITUATION WANTED—By young woman, Scotch, eighteen years' experience with wholesale and retail seed firm; capable of handling correspondence and other lines in mail order catalogue trade; eighteen years with one firm; best of references. Address No. 52, care Florists' Review, Chicago.

SITUATION WANTED—As head gardener on private estate; thoroughly capable to take charge of greenhouses, orchids, palms, roses, mums, bedding plants, etc.; also vegetable garden, choice fruits, under glass and outside; good landscape gardener; able to handle help; German, 31 years old, married, no children; best references from Germany and here; state full particulars in first letter; open now for engagement. Address No. 61, care Florists' Review, Chicago.

HELP WANTED—A young lady florist to help in store and office; references; in an eastern city. Address No. 11, care Florists' Review, Chicago.

HELP WANTED—A rose grower who knows something about grafting; state wages expected. Address United States Cut Flower Co., Elmira, N. Y.

HELP WANTED—A good reliable man for store, who has had experience in growing pot plants for Easter and Christmas trade. Address Rawson The Florist, Elmira, N. Y.

HELP WANTED—A good all-round man, one who thoroughly understands growing and watering; married man preferred; position is in an eastern city; references. Address No. 56, care Florists' Review, Chicago.

HELP WANTED—Young, single, experienced assistant gardener for a private place near Chicago; must be sober, willing worker and a non-smoker; fine place for the right man. Address No. 65, care Florists' Review, Chicago.

HELP WANTED—About March 1, a sober, industrious, competent grower of roses, carnations and general stock; married man preferred; nice 6-room house furnished; good, permanent place for the right man; reference required. Dole Floral Co., Beatrice, Neb.

HELP WANTED—A first-class rose grower for section; must be up-to-date, married, American, strictly temperate; good, steady place for man meeting these requirements; full particulars in first letter; also how long employed on last place. C. H. Frey, Lincoln, Neb.

HELP WANTED—A good all-round greenhouse man, especially in mums, cyclamen, bulbs and bedding plants; must be a good Christian; middle age, single man preferred; steady position, open about March 1. Eschrich Nursery & Floral Co., North Milwaukee, Wis.

HELP WANTED—For one of the best commercial places located in central states, an ambitious working foreman to take charge of rose department; must be fully competent for position and able to produce the goods; right man has every opportunity for advancement; permanent place with good wages; an excellent chance for right party. Address No. 43, care Florists' Review, Chicago.

HELP WANTED—Man who is a good, rapid potter and has had some experience in filling boxes and baskets; state wages wanted and give references. G. Van Bochove & Bro., Kalamazoo, Mich.

HELP WANTED—A first-class general greenhouse man as working foreman, one who can grow a general line; married man, temperate; for 30,000 sq. feet; give full particulars in first letter, also wages wanted. Williams The Florist, Grand Island, Neb.

WANTED TO RENT—With privilege of purchase, greenhouse from 10,000 to 15,000 sq. ft. of glass; must be in good condition; Indiana preferred. Address No. 59, care Florists' Review, Chicago.

WANTED TO LEASE—With privilege of buying from four thousand to ten thousand feet of glass; modern place required, with good dwelling and outbuildings; prefer several acres; middle west preferred. Address No. 35, care Florists' Review, Chicago.

FOR SALE—My Seedling Transplanter; with it you can set in 5000 plants per day; send for circular. Albert A. Sawyer, Forest Park, Ill.

FOR SALE—Seven thousand feet of glass, well stocked; good dwelling; my price is right if you mean business. Mrs. May Bradley, Elwood, Indiana.

FOR SALE—A white enamel florist's ice box, 6 feet high, 6 feet wide, 2½ feet deep, equal to new, our make; $75.00 f. o. b. St. Louis. Address The Brecht Co., St. Louis, Mo.

FOR SALE—Kroeschell boiler and 1,500 feet 4-inch C. I. pipe, in good condition; it will pay you to investigate. Wm. E. F. Weber, Sault Ste. Marie, Mich.

FOR SALE—Greenhouse property, well stocked, with or without residence; wish to retire from business; will sell for less than one year's sales. For particulars address Cyrus Wilson, 1014 Gallatin St., Marion, Indiana.

FOR SALE—Well established floral wire design business in Chicago, doing a $2,000 to $2,500 business per year; could be increased; terms reasonable. For further information address No. 202, care Florists' Review, Chicago.

FOR SALE—Greenhouse plant, 4000 feet of glass, seven-room dwelling, shop 15x30, two acres of land, three chicken houses; connected by trolley with four cities; reason for selling, poor health. W. H. Shumway, Berlin, Conn.

FOR SALE—First-class greenhouse business in live town in central Indiana; modern dwelling, fine stock of plants and extra fine cut flower trade. Address No. 62, care Florists' Review, Chicago.

FOR SALE—Two Furman sectional hot water boilers, Nos. 307 and 4008-A; eight Hitchings ventilating machines, complete, suitable for small houses; cheap for cash. Haentze Co., Fond du Lac, Wis.

FOR SALE OR WILL TRADE—For small greenhouse in Iowa, Neb., Kan., or northern Mo., a good 5-room residence with cellar, city water and sewer; located in city of 18,000 in Iowa. Address No. 41, care Florists' Review, Chicago.

FOR SALE—4500 ft. of glass and residence, in town of 5000; no competition within 75 miles; 22 agents; $4500 last year; could use 12,000 ft.; health demands lower altitude; would trade; climate same as Denver, Colo. Address No. 64, care Florists' Review, Chicago.

FOR SALE OR LEASE—Greenhouses and residence, 2 acres of ground, 5000 ft. of glass; independent water system; hot water heat; southwest center of Illinois; a bargain; terms reasonable. Address No. 26, care Florists' Review, Chicago.

FOR SALE—Greenhouse in Downers Grove, Ill., close to Chicago, two acres of land, 50,000 square feet of glass, fully equipped; might rent to good tenant; will consider a trade for real estate. Aurora Selling & Buying Agency, Aurora, Illinois.

FOR SALE—Two greenhouses, 6,000 feet of glass, 7-room dwelling; inside city limits of 6,000; all in good repair; no competition, good retail trade; price $7,500, one-third cash, balance on easy terms. For particulars write Mrs. Anna J. Phare, Willmar, Minn.

FOR SALE—A fully stocked and equipped growing establishment in a city of 25,000 in central Ohio; 15 houses, 12 built in 1906; if you want a good paying range of houses reasonable, it will pay you to investigate. Address No. 44, care Florists' Review, Chicago.

FOR SALE—A good live business and stock in an up-to-date, lively factory town of 6000; will lease modern residence, greenhouses and land for a term of years; only those who mean business need to reply; southern Michigan. Address No. 134, care Florists' Review, Chicago.

FOR SALE—Well established florist business in city of 8,000, with good resort trade; 28,000 feet of glass; steam heat; well stocked for winter and in good shape; seven acres of land; modern house, barn; write for details or call and investigate for yourself. James Taylor, Mt. Clemens, Michigan.

FOR SALE—The long established florist business of John E. Haines, Bethlehem, Pa., recently deceased; 24,000 feet of glass; the business is now successfully and profitably conducted by his executor, but must be sold to carry out the provisions of his will. L. F. Leibfried, Executor, Estate of John E. Haines, dec., Bethlehem, Pa.

FOR SALE OR RENT—Nine greenhouses, 23,000 square feet of glass, all stocked. Apply to August Grossmann, 5038 Lincoln avenue, Chicago.

FOR SALE OR EXCHANGE—For other property, greenhouse property; third town in Illinois; equity $7000, mortgage $2000; reason for sale, owner not a florist. Apply D, 177 N. State St., Room 311, Chicago.

FOR SALE—Well established mushroom business; two large mushroom houses, practically new; hot water heat; two acres of ground; an excellent opportunity. If interested call or write. A. H. Tyson, Lansdale, Pa.

SITUATION WANTED

IN UP-TO-DATE FLORIST STORE

By a young man. Have had nine years' experience in both store and greenhouse work. Am capable to take charge of small store or greenhouse office. I desire to locate with a good firm where there is a chance to work up. Open for engagement now or later. References. Western States preferred. Address No. 53, care Florists' Review, Chicago.

WANTED

A Mice-Proof Seed Case

When writing advise number of drawers, bins, price, etc. Address

M. B., 1016 Green Ave., Altoona, Pa.

SEEDSMAN

One to put up orders and wait on counter trade in a New York city seed house. State reference and salary expected. Address No. 40, care Florists' Review, Chicago.

Wanted

A LANDSCAPE ARCHITECT

Capable of making plans, and a fair knowledge of nursery business. Must be a good correspondent. Apply with references.

L. L. MAY & CO., St. Paul, Minn.

Designer and Decorator

WANTED

In connection with city flower store; must be hustler. In replying, state age, experience, salary expected, and give reference.

J. VAN LINDLEY NURSERY CO.
GREENSBORO, N. C.

HELP WANTED

Rose and Carnation Grower—Must be first-class man, strictly sober, American or German-American preferred.

Grower of Pot Plants and Bedding Stock—Must understand growing and handling all kinds of bedding and blooming plants. First-class man only need apply. Married man with small family preferred. Men applying for above positions will please give age, salary expected and full particulars in first letter.

The H. Weber & Sons Co., Oakland, Md.

WANTED

Man wanted to manage florists' establishment in a West Virginia city of forty thousand inhabitants.

J. W. Dudley & Sons, Parkersburg, W. Va.

PARK COMMISSIONER

For TORONTO, ONTARIO

Applications for the above named vacant position will be received by the undersigned. Applications should be accompanied with full particulars as to applicants' ability and experience, with testimonials, etc.

G. R. GEARY (Mayor)
Chairman Board of Control

CITY HALL, TORONTO, Jan. 17, 1912.

HELP WANTED

A young man as a helper, who has had some experience in a commercial place. Position open now. Send references and salary expected in first letter.

Hayman Greenhouse Co.
Clarksburg, W. Va.

Gardeners

If you wish to send us your address, with statement of experience, etc., we will place same on file. We do this for the benefit of our clients who wish gardeners.

PETERSON NURSERY
1032, 30 N. La Salle St., CHICAGO, ILL.

Cash For Your Property or Business. I bring buyer and seller together, no matter where located. If you want to buy or sell, address FRANK P. CLEVELAND, 2708 Adams Express Building, Chicago, Ill.

BARGAINS in Return Steam Traps, Reducing Valves, Blow-Off Valves, Water Circulators

Robt. Ross Jones
HARRISBURG, PA.

FOR SALE

Two Burnham Hot Water Boilers

One No. 636, 6-section Burnham, listed at $740.00, will sell for $200.00. One No. 639, 9-section Burnham, listed at $1045.00, will sell for $350.00. Have been used only one year—just as good as new. This is a snap.

Hoskins Floral Co., Bismarck, N. Dak.

For Sale

A good wholesale florists' establishment of about 35,000 sq. ft. of glass, 30 acres of good ground and excellent house of 10 rooms; also good outbuildings; vicinity of Pittsburgh, Pa.; price and terms reasonable. For further particulars, address

No. 48, care Florists' Review, Chicago

For Sale or Lease

A florist's establishment in St. Louis, all in good running order; four greenhouses, and stocked up with bedding plants of all kinds; also carnation plants to cut from; a good chance for a grower. Apply to

GEO. H. ANGERMUELLER,
1324 Pine Street, ST. LOUIS, MO.

SACRIFICE SALE

Seven and one-half acres at Hinsdale, Ill. (near Chicago). One acre under glass; three acres garden; six-room cottage and barn; village water and gas Possession March 1, 1912.

Estate of James D. Beckett
1527 W. Madison St., Chicago

For Sale--A Bargain

¶ On account of loss by fire of our shipping shed and stock, we will sell at a bargain our greenhouse property, consisting of eight houses 25x100 feet, piped for hot water; new boilers, house, barn, two corn cribs and five acres of land.

¶ Additional land can be secured if desired. Liberal terms.

Mosbaek Greenhouse Co.
ONARGA, ILLINOIS

Eight Pages of Retailers' Cards

This department for the cards of Leading Retail Florists — those florists who have the facilities for filling the orders sent them by other florists — has made possible the recent rapid development of this branch of the business, a branch of the trade now established for all time and so helpful that its volume will keep on increasing for many years.

Are you sending and receiving your share of these orders? You can send your share (and make 20 per cent profit without effort) if you let your customers know you can perform this service for them. To receive your share—well, The Review's department for Retailers' cards remains the one way of getting prompt action on the order in hand.

To be represented costs only 70 cents per week on a yearly order. This is for one-inch space. Other spaces in proportion.

Why not send your order today—**now**—before you forget it?

LOUISVILLE, KENTUCKY

JACOB SCHULZ, Flower Shop, 550 South Fourth Avenue, Greenhouses, 831 Cherokee Road.

Personal attention given to out-of-town orders for Louisville and surrounding territory. Member Florists' Telegraph Delivery

E. R. FRY, Florist

Rochester, N. Y.

I have constantly on hand a seasonable variety of fresh cut flowers, which I will deliver promptly in Rochester and adjoining towns.

KENOSHA, WIS.

and all points between

CHICAGO AND MILWAUKEE

Mail, wire or phone your orders to

P. N. OBERTIN, 567 Chicago St., KENOSHA, WIS.

Indianapolis, Ind.

241 Massachusetts Ave.

Bertermann Bros. Co.

LEADING FLORISTS

Members Florists' Telegraph Delivery Ass'n.

Lexington, Ky.

JOHN A. KELLER, Florist

High Grade Cut Flowers and Designing : : : :

All orders entrusted to us for Central Kentucky will have careful attention.

Lang Floral & Nursery Co., DALLAS, TEXAS.

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

Prompt and personal attention given all orders.

MRS. J. T. HINCHLIFFE

FLORIST

504-506 Wisconsin St., Racine, Wis.

Special care taken with telegraph orders for

DETROIT AND VICINITY

L. Bemb Floral Co., Albert Pochelon, Prop., 153 Bates St.

Chas. W. Crouch, KNOXVILLE, TENN.

The Leading Florist of the South

All Orders Given Special Attention

GEO. C. BAKER, Florist

206 E. Park Ave., San Antonio, Texas

VERMONT'S FLORIST

W. E. PETERS

137 St. Paul Street, BURLINGTON, VT.

ST. LOUIS.

The Market.

The market last week was somewhat better, and retailers also say there was quite an improvement in business over the week previous. The uptown florists say there was quite a demand for decorative work for social events, which they expect will be plentiful from now till Lent.

The wholesalers last week reported roses a trifle scarce; although there are a lot coming in, they are cleaning up early on them. The market was also somewhat shy on carnations, but the growers say there is a big crop coming and all they need is a few more bright, springlike days, similar to the last few. The clear days also brought in a large cut of California violets, which sold well, and a large supply is expected from the Kirkwood growers this week.

Lilies, both longiflorum and auratum, are plentiful and the quality is fine. There is also plenty of extra good valley coming in; in fact, it was a little overabundant last week. Some good tulips, jonquils, Von Sions, Paper Whites and Romans helped to swell the market with seasonable stock. There was also a large demand for bronze galax and fancy ferns.

Various Notes.

The W. C. Smith Wholesale Floral Co. is mailing its complete new catalogue to the trade. This firm had a big run on California violets last week.

Carl Beyer is still confined to his bed with rheumatism. He says that he feels all right, but can not carry any weight on his feet. He hopes, however, to be out again soon.

The Retail Florists' Association has changed the meeting night to the third Monday in each month. The annual election of officers was held at the meeting January 15, and resulted as follows: President, C. C. Sanders; vice-

Mankato, Minn.

The Windmiller Co.

Will fill orders for Minnesota and the Dakotas.

Member Florists' Telegraph Delivery.

Newark, Ohio

CHAS. A. DUERR, The Arcade Florist

Auto. Phone 1840

Greenhouses, Granville, Ohio—Phone 26

Member Florists' Telegraph Delivery

Canada's Florist

Dunlop's

96 Yonge St., TORONTO

"WE NEVER SLEEP"

IDLEWILD GREENHOUSES, **Memphis, Tenn.**

89 South Main Street

"Up-to-the-minute" Service and Execution. Every Flower in Season.

WILSON **BROOKLYN** New York

Telephone, 6800 Prospect

Louisville, Ky.

F. WALKER & CO., 634 Fourth Ave.

All orders receive prompt and personal attention.

LOU HELEN DUNDORE, THE ROSERY

110 W. King St., LANCASTER, PA.

CORNELL and WELLS COLLEGES and

CENTRAL NEW YORK ORDERS

Dobbs & Son, Wholesale and Retail Florists, Auburn, N.Y.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

J. A. VALENTINE, Denver, Pres.
Other Directors: Ernst Wienhoeber, Philip Breitmeyer, A. B. Cartledge, W. F. Gude, George Asmus, Fred H. Meinhardt.
Mutual Discounts 20 per cent. Provision for guaranteed accounts

W. J. PALMER, Buffalo, Vice-Pres.

Florists' Telegraph Delivery

(RETAILERS' SECTION—S. A. F. & O. H.)

W. L. ROCK, Kansas City, Treas.
Write for particulars to
IRWIN BERTERMANN, Secretary,
241 Massachusetts Avenue,
Indianapolis, Ind.

Mention The Review when you write.

Los Angeles, Cal.

THE ROSERIE
FLORIST
LARGEST STORE IN CALIFORNIA
721 SOUTH BROADWAY
C. J. MULLER, Proprietor
Orders for Designs or Cut Flowers promptly filled. Trade discount.

HAYWARD FLORAL CO.

216 West Sixth St., LOS ANGELES, CAL.

Cut flowers or good design work by best artists and designers, delivered anywhere in the west on receipt of mail or telegraph orders. Usual discount to the trade.

CARBONE, 342 Boylston St.,
BOSTON
Member Florists' Telegraph Delivery Association

Send flower orders for delivery in
BOSTON AND ALL
NEW ENGLAND POINTS
To THOS. F. GALVIN, Inc.
124 TREMONT ST. BOSTON

MILLS THE FLORIST, Inc.

36 W. Forsyth Street
Jacksonville, Fla.
We reach all Florida and South Georgia points.

North Dakota
IOWA
All Orders Promptly and Properly Executed.



South Dakota
MINN.
40,000 feet of Commercial Cut Flowers.

The Newburys, Mitchell, S. D.

John Bauscher, Jr., FREEPORT, ILL.
100,000 SQUARE FEET OF GLASS.
At Your Service.

CLARK, FLORIST, SCRANTON, PA.
124 Washington Ave.
Member Florists' Telegraph Delivery. Orders for Northeastern Pennsylvania filled promptly. Usual discount. Both Phones No. 2454.

Wholesale and Retail orders for Cut Flowers, Funeral Designs, etc., receive prompt attention.
CLEVELAND, OHIO
G. M. NAUMANN & SON

Thee Florists

328 W. Fifth St., Los Angeles, Cal.

We make a specialty of out-of-town orders and solicit your business, which will have our prompt attention. Prices right. Usual discount.
FRANK LICHTENBERG, Prop.

WOLFSKILLS'
and
MORRIS GOLDENSON
Consolidated.
CUT FLOWER MERCHANTS
We solicit telegraph orders.
Regular Trade Discount.
229 W. Third Street, LOS ANGELES, CAL.

S. MASUR

Telephone 334 Main.
236 Fulton Street, BROOKLYN, N. Y.

president, Theodore Miller; treasurer, F. H. Weber; sergeant-at-arms, Max Herzog. R. J. Windler, the present secretary, declined reëlection, so his successor will be elected at the next meeting.

Fred Foster had a hog-killing party recently at his place at Kinloch and entertained his guests with a lavish hand.

Tom Carr, the Union market florist, says he did better this Christmas with greens and holly than in any previous season. He also disposed of a carload of Christmas trees and is now making extensive alterations at his stand in preparation for the plant season, which opens early in March.

Otto Sander says he had a big run on American Beauties last week. His pretty window decorations bring him a great deal of good transient trade.

C. A. Kuehn has his new store practically complete on all floors, the wire department being especially busy.

Geo. H. Angermueller handled quite a lot of fine cut orchids last week, but he said they met with only a fair demand. He also had a large consignment of cut tulips.

In the annual report of the trustees of the Missouri Botanical Garden, it is asserted that with the improvements planned for this summer the garden will stand second only to Kew Gardens, in London.

Henry Berning was in receipt of many large consignments of carnations and roses last week. He says the demand was light on bulb stock.

The St. Louis Horticultural Society held a meeting last week at the office of Chairman Nicolson of the executive board, to consider the financial affairs of the society. Otto G. Koenig has resigned as secretary.

Visitors last week were: Guy M. Reburn, of A. Henderson & Co., Chi-

CLEVELAND

...THE...
J. M. GASSER COMPANY
EUCLID AVENUE
We ship all points in Ohio. The best of everything in Flowers.

FRED C. BECKER

1730 Cambridge Street,
CAMBRIDGE, MASS.
Deliveries made to Harvard and Radcliffe Colleges and all outgoing Boston steamers.



STEAMER ORDERS A SPECIALTY.

CHICAGO

A. LANGE, 25 E. Madison Street

Seattle, Washington
Hollywood Gardens
1534 SECOND AVENUE
MEMBERS FLORISTS' TELEGRAPH DELIVERY

GALESBURG, ILL.

I. L. PILLSBURY—For Central Ill.
Member Florists' Telegraph Delivery Association.

Evanston and Chicago
JOHN WEILAND, EVANSTON, ILL.

Deliveries to Northwestern University and all North Shore Towns.
FISCHER BROS. 614 Dempster St., EVANSTON, ILL. L. D. Phone 2642

MONTREAL, We can fill all orders.
HALL & ROBINSON, 625 St. Catherine Street, West

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Bell Main 2809
Cuy. Central 1866
The Smith & Fetters Co.
LEADING FLORISTS
735 Euclid Ave., Cleveland

Samuel Murray
KANSAS CITY, MO.
913 Grand Ave.
All Orders given Prompt and Careful Attention
Member of the Florists' Telegraph Delivery.

Cable and Telegraph, Franzen. Phone Rav. 2876
CHICAGO
FRANZEN
1476-78 SUMMERDALE AVE.

TRENTON, N. J.
MARTIN C. RIBSAM
THE FLORIST
Messenger delivery to Princeton, New Brunswick, Bordentown, Hightstown, Lawrenceville and Lambertville, N. J.

Send Your **PHILADELPHIA** Orders to...
CHARLES HENRY FOX
BROAD AND WALNUT STREETS
Always on time

Rockford, Ill., H. W. Buckbee

S. B. STEWART
119 No. 16th St., OMAHA, NEB.

Wholesale and retail orders for CUT FLOWERS, FUNERAL DESIGNS, etc. by telegraph will receive prompt attention at
IRA G. MARVIN'S, Wilkes-Barre, Pa.

Benson's Flowers
Indianapolis, Ind. DELIVERED ANYWHERE

R. Strohmeier, Aberdeen, S. D.
Prompt Attention Given to Out-of-town Orders

Orders for **Charleston, W. Va.** are given prompt and careful attention by the
CHARLESTON CUT FLOWER AND PLANT CO.

Brockman's Flower Shop **Fort Smith, Ark.**
Leading florists in fastest growing city in the southwest.

Archias Floral Co. SEDALIA, MISSOURI
Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

J. F. WILCOX & SONS, 521 Broadway, Council Bluffs, Iowa.
Wholesale and Retail
Largest Greenhouse Establishment West of Chicago.
Orders delivered anywhere, including Iowa, Nebraska, North Dakota and South Dakota. Free deliveries to Omaha.

A Card This Size
Costs Only 70c per Week on Yearly Order
It would keep your name and your facilities before the whole trade.
A half-inch card costs only 35c per week on yearly order.

cago; Julius Dilloff, representing Schloss Bros., New York city.

J. J. B.

ROCHESTER.

The Market.

With a rise in temperature, business has also risen to a brisker pace. The week began with a rush for the retailers, which still keeps up. A large percentage of the business done was funeral work, for an unusual number of deaths have occurred in the last few weeks. Luncheons and dinners are numerous, making a great demand for cut flowers. Shipments were damaged considerably by the cold.

Carnations are arriving in great quantities and are much reduced in price. Pink Delight is the best seller just now. It is also best in quality and seems to put Pink Enchantress in the background for popularity. Orchids are abundant and go for almost any price, to be used in funeral work, baskets, bunches and corsages. Several boxes of orchids were somewhat nipped by the frost when they arrived. Cypripediums are coming more and more into favor with our flower buyers, but they are not plentiful at present. Beauties are poor and scarce, most of our supply coming from Philadelphia. Good lilacs and sweet peas are also arriving from that market.

Tulips, daffodils and narcissi have been used most profusely for decorations of all sorts during the last few weeks, since the trade has tired of winter flowers. Freesia is still scarce. Lavender primrose sprays are used a great deal with daffodils and yellow tulips and make a charming combination of lavender and yellow for luncheon and dinner tables. Tulips, in white, pink, red and yellow, are combined with lily of the valley in pots and are much in demand. Fancy plant baskets are not selling well, since there are so many azaleas, primroses, camellias, cyclamens and bulbs offered for sale.

The cold weather has kept the street fakers out of sight, and consequently sales have been larger and prices better.

Various Notes.

George Boucher is hustling with decorations this week.

A. B. Haven, of the Haven Seed Co., Lodi, Cal., was a visitor here recently.

James F. Smith, of the William J.

Established 1859.
A. Wiegand & Sons
Florists and Decorators
1610 to 1620 N. Illinois St., Indianapolis, Ind.
Indiana's oldest, largest and most complete retail establishment.

Stiles' Flower Store
OKLAHOMA CITY, OKLA
Members Florists' Telegraph Delivery.

Tonseth Floral Co.
325 Morrison Street
GROWERS AND RETAILERS
Portland, Ore.

The Fernery **SCHULTHEIS, FLORIST**
Write, Phone or Wire 612 Linden St., SCRANTON, PA.

NEW JERSEY
EDWARD SCEERY—PATERSON and PASSAIC
Member Florists' Telegraph Delivery Association.

INDIANA and ILLINOIS
Promptness and very Freshest Flowers.
N. B. & C. E. STOVER, 118 So. 6th St., TERRE HAUTE, IND.

Frey & Frey, 1338 O St. **Lincoln, Neb.**
Wholesale and Retail
100,000 sq. ft. of glass at your service. Trade discount

Minneapolis, Minn. LEADING FLORISTS
SWANSON'S, 618 Nicollet Ave.

DRUMM SEED and FLORAL CO.
507 Houston St., FORT WORTH, TEX.
Headquarters for Cut Flowers and Funeral Designs

J. J. BENEKE
1216 Olive St. ST. LOUIS, MO.

Baltimore, Md.
ALBERT G. FIEDLER & CO., 902 South Charles St.

I. N. KRAMER & SON
CEDAR RAPIDS, IA.

Colorado Springs, Colo.
Frank F. Crump Wholesale and Retail Florist
Members Florists' Telegraph Delivery.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

LOUISVILLE, KENTUCKY — M. D. REIMERS

New Location, "THE SEELBACK," and 223 S. FOURTH AVENUE

CHOICEST CUT FLOWERS

PERSONAL ATTENTION GIVEN TO OUT-OF-TOWN ORDERS

Orders for

BIRMINGHAM, ALA.

Well taken care of by

AMZI GODDEN SEED CO.

Established 1857.

Facilities for supplying everything in the line of CUT FLOWERS AND DESIGNS

BUFFALO

S. A. ANDERSON

440 MAIN STREET

Special Deliveries Niagara Falls and Lockport

Your orders for ATLANTIC CITY, N. J., will be carefully filled by

Geiger's Park Florist

1505 Pacific Ave.

Member Florists' Telegraph Delivery.

Write, Wire or Phone your orders to

YOUNG'S

1406 Olive St., ST. LOUIS, MO.

Regular discount allowed on all orders, either Plants or Cut Flowers.

Phones: Bell, Main 2306; Kinloch, Central 4981

SAN FRANCISCO

Podesta & Baldocchi

224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

The Cleveland Cut Flower Co.

CLEVELAND, OHIO

Will fill your orders for Designs or Cut Flowers in Northern Ohio.

MARION FLORAL CO. — **Marion, Ind.**

Central Northern Points. Store: 406 South Adams

MRS. J. B. FREEMAN, LEADING FLORIST,

Successor to Geo. A. Heinl **Toledo, Ohio**

All Orders Promptly Executed.

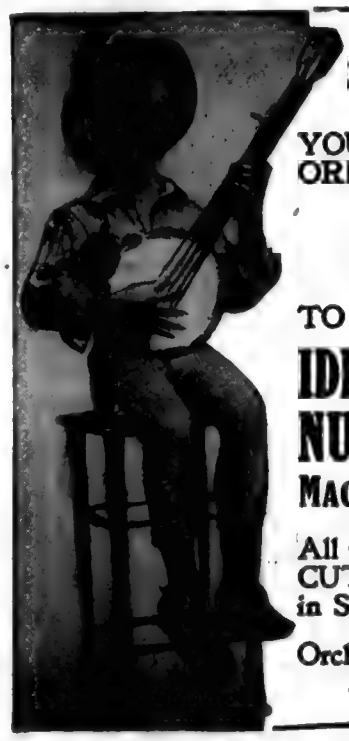
PROVIDENCE, R. I.

and all New England Points — T. J. JOHNSTON & CO. 171 Weybosset Street, Providence

---

BEYER FLORAL CO. SOUTH BEND, IND.

Daily deliveries to Notre Dame University and St. Mary's Academy.



SEND YOUR ORDERS FOR DIXIE LAND TO

IDLE HOUR NURSERIES

MACON, GEORGIA

All Choice CUT FLOWERS in Season

Orchids and Valley a specialty

A Card This Size

Costs Only 70c per Week on Yearly Order

It would keep your **name** and your facilities before the **whole** trade.

A half-inch card costs only 35c per week on yearly order.

Boas Co., the box manufacturers of Philadelphia, was in town last week, calling on the trade.

W. A. Wettlin, of Hornell, N. Y., is growing some fine cyclamen and Primula obconica in 5-inch pots.

J. B. Keller Sons' potted valley is selling well.

The Rochester Floral Co. is displaying a window of Dutch hyacinths which are especially good for so early in the season.

Miss Gibson has gone to Philadelphia, Pa., for an indefinite period, because of illness in the family.

Word has been received from Mrs. Felix Alberts, of Phoenix, Ariz., that she is improving rapidly.

George Keller's crop of stevia, from which he has been cutting for a long time, has come to an end.

Mrs. E. C. Armbrust is spending two weeks with her parents in New Britain, Conn.

H. E. Wilson did an artistic decoration at the Rosenbloom double wedding last week.

A. E. Viaud, representing Philip L. Carbone, of Boston, was in the city last week.

George B. Hart is handling some good azaleas in full bloom, with good success.

Charles Neun, the box manufacturer, has purchased the E. C. Campbell store,

---

We Guarantee Satisfaction

A. J. Bunyard FLORAL CO.

413 Madison Ave., Cor. 48th St., NEW YORK

Bellevue Avenue, Newport, R. I.

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand.

McKenna

MONTREAL

JOHN BREITMEYER'S SONS

Corner Broadway and Gratiot Ave.,

DETROIT, MICH.

FRED EHRET

WHOLESALE AND RETAIL FLORIST

1407 Fairmount Ave. and 702 N. Broad St.,

PHILADELPHIA

Orders for Philadelphia and surrounding country carefully filled on short notice.

MYER

L. D. Phone 5297 Plaza

609-11 Madison Ave., New York

VASSAR COLLEGE

The Saltford Flower Shop, Poughkeepsie, N. Y.

WELLESLEY COLLEGE

Dana Hall, Walnut Hill, Rockridge Hall Schools

TAILBY, Wellesley, Mass.

Long Distance Tel., Wellesley 44-1, 44-2, 44 3.

TEXAS — Dallas Floral Co.

DALLAS, TEX.

H. F. GREVE, Prop.

Rosemont Gardens

W. B. Paterson, Prop. 116 Dexter Ave., MONTGOMERY, ALA.

HESS & SWOBODA, FLORISTS

Telephones 1501 and L 1582

1415 Farnam Street OMAHA, NEB.

U. J. VIRGIN

838 Canal St. NEW ORLEANS, LA.

LEADING RETAIL FLORISTS

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DARDS, N. E. Cor. 44th Street and Madison Avenue, Telephones 4025-4026, 38th Street, NEW YORK

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union — Member Florists' Telegraph Delivery. — Established 1874

WILSON DELIVERS EVERYWHERE
New York New Jersey Long Island
BROOKLYN
3 AND 5 GREENE AVENUE
Tel. No. 6800 Prospect

The Livingston Seed Co.
FLORISTS
COVER ALL OHIO POINTS
114 N. High Street, COLUMBUS, OHIO

PORTLAND, ORE. Clarke Bros. FLORISTS OAKLAND, CAL.

KALAMAZOO, MICH.
G. Van Bochove & Bro., The Leading Florists

LA CROSSE FLORAL CO. La Crosse, Wis.
will properly execute orders in Wisconsin or the northwest.

LINCOLN, NEB. CHAPIN BROS. Retail Florists
Flowers for All Occasions, from Cradle to Grave

E. O. LOVELL GRAND FORKS
Will give prompt attention to all orders for delivery in North Dakota

A. C. BROWN, SPRINGFIELD, ILLINOIS
LARGE GREENHOUSES

Boehringer Bros.
325 Park Avenue, BAY CITY, MICH.

TERRE HAUTE, IND.
JOHN G. HEINL & SON 129 South 7th Street

Mrs. M. E. Hollcraft
807 Kansas Ave., TOPEKA, KAN.

MICHIGAN Orders will be carefully cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS

Minneapolis Floral Co., WHOLESALE and RETAIL FLORISTS
MINNEAPOLIS, MINN.
Funeral designs on short notice. One of the largest establishments west of Chicago.

Send Orders for Washington, D.C. and vicinity to Blackistone
Everything First-Class
14th and H Streets

A Card This Size
Costs Only 70c per Week on Yearly Order
It would keep your name and your facilities before the whole trade.
A half-inch card costs only 35c per week on yearly order.

on North street. Felix Alberts is still acting as manager. The trade wishes Mr. Neun success. E. C. A.

PROVIDENCE.

The Market.

Opening with weather so cold that few persons ventured out unless they had to, with fewer social functions on the cards than usual, and with alternating rain and icy weather for the later days, last week was one to try the stamina of even the most optimistic. There was some business among the florists, but far from what it should have been. Funeral work was about all that moved, although some social work was on hand and one or two large decorations were reported. The big automobile show this week, however, is expected to have a tendency to improve matters. Prices range normal and the supply is good.

Florists' Club Banquet.

The sixteenth annual banquet of the Florists' and Gardeners' Club of Rhode Island was held at 96 Westminster street, January 15, the event proving one of the most enjoyable that the organization has had. Nearly 100 members and guests were present and the program included the induction of officers for the ensuing year, together with speeches by members prominent in the horticultural profession and a pleasing entertainment.

The retiring president, Robert Johnston, presided at the opening festivities and presented William E. Chappell, secretary of the club, as toastmaster of the evening. William J. Stewart, of Boston; Prof. Herbert J. Wheeler and Prof. George E. Adams, both of the Rhode Island State College at Kingston, were the principal speakers.

In accepting the post of toastmaster Mr. Chappell replied to President Johnston's introduction by presenting to him a silver-mounted silk umbrella, stating that the committee had wisely

Colorado Springs, Colo.
Orders Carefully Executed
PIKES PEAK FLORAL CO.
Wholesale and Retail

H. W. FIELD, The College Florist
NORTHAMPTON, MASS.
Home of Smith College
Send your orders to him for prompt and careful attention.

DALLAS, TEXAS
The Texas Seed & Floral Company
Orders for cut flowers and designs solicited for delivery in any part of Texas.

Pittsburg, Kan.—Bartlesville, Ok.
THE STEINHAUSER FLORIST & NURSERY CO. (Inc.)
Growers and Shippers—Wholesale and Retail
Out-of-town orders given special and personal attention. Give us a trial.

South and Southwest Texas and sailing from Galveston.
H. H. KUHLMANN, Florist
2507 Jackson St., S. W. Phone, Hadley 1926-2236
2526 Washington St., Opp. Glenwood Cemetery, S. W. Phone, Taylor 628-1081.
Up town, 913 Main St., S.W. Phone, Preston 7141.
HOUSTON, TEXAS

TRILLOW FLORIST Des Moines, Iowa
Will promptly execute all orders in this vicinity.

Aurora, Ill. Jos. M. Smely
and vicinity Phones 147

Richmond, Ind.
FRED H. LEMON & CO.
Florists and Decorators. Send us your orders.

W. P. McFARLAND L. C. McFARLAND
McFARLANDS, Florists
AKRON, OHIO

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Alexander McConnell

611 Fifth Avenue, Windsor Arcade — NEW YORK CITY

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Calls: 340 and 341 38th Street — Cable Address: ALEXCONNELL — Western Union Code

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, Pittsburg, Pa.

Largest Floral Establishment in America

Established 1874--Incorporated 1909

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

Winona and Rochester, Minn.

For prompt and particular attention send your orders for Southwestern Wisconsin and Southern Minnesota to

John Fuhlbruegge

Grower and Retailer

ST. PAUL, MINN.

The Largest Store in America.

Members Florists' Telegraph Delivery.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

PASADENA, CAL.

13 East Colorado St.

The Orchid

Also all Los Angeles orders promptly filled.

MRS. LORD'S FLOWER ROOM

112 W. 8th Ave., TOPEKA, KAN.

STATE NURSERY CO.

CUT FLOWERS

155,000 sq. ft. of glass at your service. HELENA, MONTANA

Freeport Floral Co.

Telegraphic orders promptly attended to. FREEPORT, ILL.

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order.

11 North Pearl St., - ALBANY, N. Y.

Wm. L. Rock Flower Co.

Rock's Flowers Kansas City

KANSAS CITY, MO.

1116 Walnut Street

Members Florists' Telegraph Delivery

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Max Schling

NEW YORK

No. 32 West 59th Street

Adjoining Plaza Hotel

A Card This Size

Costs Only 70c per Week on Yearly Order

It would keep your name and your facilities before the whole trade.

A half-inch card costs only 35c per week on yearly order.

HUGO H. JAHN

710 Nostrand Avenue,

Tel. No. 1952 Bedford BROOKLYN, N. Y.

Will deliver to Steamships, Theaters, anywhere within 20 miles of New York.

ARTISTIC WORK. PERSONAL ATTENTION.

Special care of your telegraph orders.

W. J. Palmer & Son

304 Main St., BUFFALO, N. Y.

Members Florists' Telegraph Ass'n

Orders by wire receive prompt and careful execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

ST. LOUIS, MO.

Flowers Delivered in City or State on Short Notice

F. H. WEBER

BOYLE AND MARYLAND AVENUES

Both Long Distance Phones

M. A. Bowe

IN HEART OF NEW YORK CITY

12 W. 33d Street, N. Y.

Opposite the Waldorf-Astoria.

Phone Madison Sq. 6404. Our Motto—The Golden Rule

George G. McClunie, Florist

187 Main St., HARTFORD, CONN.

Orders solicited for Connecticut and nearby points.

Tel. Charter 5591-2. Floral Designs a Specialty.

departed from the custom of giving a gavel to the retiring officer.

Various Notes.

Eugene Appleton, president of the Florists' Club, was elected one of the vice-presidents of the Rhode Island Horticultural Society January 17. He also represents general floriculture on the exhibition committee, on which Harry V. Mayo is the special representative of dahlias.

Jonas Brook, formerly of Woonsocket, is contemplating building a range of greenhouses at Greystone.

O'Connor had the decorations for the Nightingale wedding January 16 and the Colt wedding January 17.

Henry Patry had a large number of pieces for the Kaps funeral January 20.

Fred W. Schaffer, for several years associated with his brother-in-law, Frank E. Vose, of Cumberland, died January 20, at the age of 30.

Joseph McConnell has resigned his position with T. R. Peterson, where he has been employed for more than twenty years.

Robert Greenlaw, of S. S. Pennock-Meehan Co., Philadelphia, and Mr. Bryant, representing A. H. Hews & Co., of Cambridge, were recent visitors.

Frank Carter has succeeded A. Jenkins as head gardener for Mrs. Cornelius Vanderbilt at The Breakers, at Newport.

John Johnston, of Johnston Bros., has been spending a few days in New York.

Richard Higgins had a fine decoration at the big opening of B. H. Glad-

LEADING RETAIL FLORISTS

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CHICAGO — Send Your Orders to.. William J. SMYTH

Member Florists' Telegraph Delivery Association. **Michigan Ave., at 31st St.**

Established 1857.

Wittbold FLORIST

737-739 Buckingham Place

L. D. Phone 1112 Graceland — CHICAGO

Send us your retail orders. We have the best facilities in the city.

"WE STRIVE TO PLEASE"

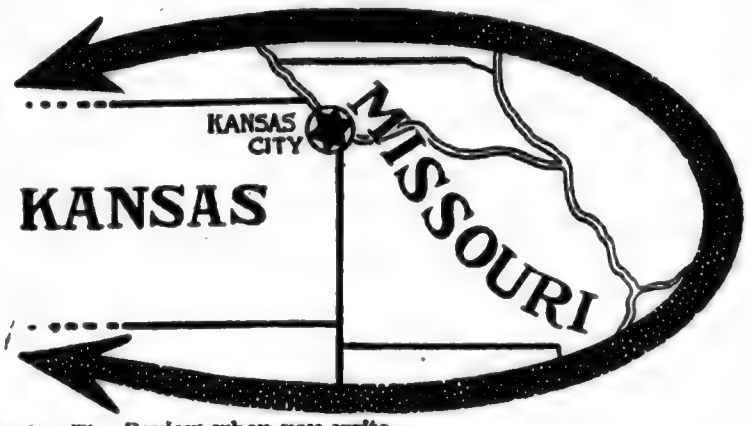
ALPHA FLORAL Co.

1105 WALNUT—PHONES BELL 1606

Kansas City, Missouri

The largest Florists in the Central West

A. ELBERFIELD, Proprietor



Mention The Review when you write.

Write, Wire or Phone

JOHN WALKER

11 S. PHELPS STREET

Youngstown, O.

Careful attention given to out-of-town orders
Trade discount allowed.

DENVER, COLO.

FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice.

Daniels & Fisher.

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver."

YOUNG & NUGENT

NEW YORK : 42 W. 28th St.

In the theater district. Exceptional facilities for delivering flowers on outgoing steamers. Your orders will receive prompt and careful attention Wire, telephone or write us.

We are Prepared to Fill Orders for any Section of South Jersey at any time.

EDWARDS FLORAL HALL CO.

1700 Pacific Avenue,

Nurseries: Mediterranean and South Carolina Aves. ATLANTIC CITY, N. J.

Baker Bros. Co. **Ft. Worth, Tex.**

Send Orders for the Southwest
Best Railroad Center in the State.

MOBILE, ALABAMA

The Minge Floral Co.

C. L. VAN METER, Florist **MONTICELLO, IA.**

Orders solicited to be delivered anywhere.
Specialist in Cut Flowers and Designs

PEKIN ═══ PEORIA

All orders receive personal attention.

GEO. A. KUHL, Pekin, Ill.

---

ding's, representing an immense palm garden.

Henry Weston, for many years gardener and general manager of the W. W. Sherman estate at Newport, has resigned on account of ill health.

D. E. Newell, of Attleboro, has gone to Jacksonville, Fla., with a party of friends. W. H. M.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Tunisian	St. John	Liverpool	Jan. 26
Carmania	New York	Liverpool	Jan. 27
California	New York	Glasgow	Jan. 27
Merion	Philadelphia	Liverpool	Jan. 27
Ascania	Portland	London	Jan. 27
Kamakura	Seattle	Yokohama	Jan. 27
Tagus	New York	Bermuda	Jan. 27
Cincinnati	New York	Genoa	Jan. 27
Nippon Maru	San Fr'sco	Hongkong	Jan. 30
Celtic	New York	Liverpool	Feb. 1
Caledonia	New York	Glasgow	Feb. 3
Tagus	New York	Cuba	Feb. 3
Canopic	New York	Egypt	Feb. 3
Laconia	New York	Egypt	Feb. 3
P. Irene	New York	Genoa	Feb. 3
Friedrich Wm	New York	Bremen	Feb. 6
Tenyo Maru	San Fr'sco	Hongkong	Feb. 6
Lusitania	New York	Liverpool	Feb. 7
Royal George	Halifax	Bristol	Feb. 7
Monteagle	Vancouver	China	Feb. 7
Cameronia	New York	Glasgow	Feb. 10
Pannonia	Boston	Liverpool	Feb. 13
Persia	San Fr'sco	Hongkong	Feb. 13
Tamba Maru	Seattle	Hongkong	Feb. 13
Campania	New York	Liverpool	Feb. 14
Columbia	New York	Glasgow	Feb. 17
Haverford	Philadelphia	Liverpool	Feb. 17
Ausonia	Portland	London	Feb. 17
K. Albert	New York	Genoa	Feb. 17
Korea	San Fr'sco	Hongkong	Feb. 20

Rockford, Ill.—J. J. Soper reports the best Christmas trade in his many years' experience, and one might judge from the signs of activity around his place that the holiday rush is not yet over.

Jersey City, N. J.—J. Van Der Hoek, who is a bird dealer as well as a florist, was recently fined $20 and costs for having in his store, for sale, what the game warden supposed was a cardinal grosbeak, a bird protected by the game laws of the state, but the warden's identification of the bird was afterward proved to be erroneous and the fine was remitted.

BOSTON, MASS.

Penn, The Telegraph Florist

"Penn, The Telegraph Florist"
Members of Florists' Telegraph Delivery Association.
37-43 BROMFIELD STREET

GEO. M. KELLOGG FLOWER & PLANT CO.

Wholesale and Retail Florists
1122 Grand Avenue, KANSAS CITY, MO.
All Kinds of CUT FLOWERS
in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

H. F. A. LANGE

Worcester, Mass.

Delivers to all points in New England.
125,000 square feet of glass.

Send orders for delivery in **ROCHESTER, N.Y.**
and all points in Western New York to
H. E. WILSON, 88 East Main Street

Battle Creek, Mich. S. W. COGGAN, Leading Florist

11 West Main St. All cut flowers in season. Funeral designs or potted plants. Careful attention and prompt delivery guaranteed to any part of Michigan.

CAPITAL CITY GREENHOUSE CO.

MADISON, WIS.
Order of us. Best shipping service for Wisconsin

SIOUX CITY, IOWA Supplies western Iowa, southern Minnesota, all of South Dakota, northeastern Nebraska.

J. C. RENNISON CO.

BALTIMORE, MD. And All Southern Points.

PIERCE & CO. 609 N. Charles Street BALTIMORE, MD.

LEADING-RETAIL FLORISTS

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Boehringer Bros.
BIRMINGHAM, ALA.
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BOSTON, MASS.
Carbone
Galvin, Inc., T. F.
Hoffman, S.
Newman & Sons
Penn, Henry
BROOKLYN, N. Y.
Jahn, Hugo H.
Masur, S.
Phillips, Jno. V.
Wilson, R. G.
BUFFALO, N. Y.
Anderson, S. A.
Palmer & Son, W. J.
BURLINGTON, VT.
Peters, W. E.
CAMBRIDGE, MASS.
Becker, Fred C.
CEDAR RAPIDS, IA.
Kramer & Son, I. N.
CHARLESTON, W. VA.
Charleston Cut Flo. & Plant Co.
CHICAGO
Franzen, F. O.
Lange, A.
Samuelson, Chas. A.
Smyth, W. J.
Wittbold Co., Geo.
CLEVELAND, O.
Cleveland Cut Flo. Co.
Gasser Co., J. M.
Knoble Bros.
Naumann & Son
Smith & Fetters Co.
COLO. SPGS., COLO.
Crump, F. F.
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Park Floral Co.
DES MOINES, IOWA
Trillow, Florist
DETROIT, MICH.
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Baker Bros. Co.
Drumm Floral Co.
FREEPORT, ILL.
Bauscher, Jr., John
Freeport Floral Co.
GALESBURG, ILL.
Pillsbury, I. L.
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Lovell, E. O.
GRAND RAP'S, MICH.
Smith, Henry
HARTFORD, CONN.
Coombs, John
McClunie, G. G.
HELENA, MONT.
State Nursery Co.
HOUSTON, TEX.
Kuhlmann, H. H.
INDIANAPOLIS, IND.
Benson, Lester F.
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Wiegand & Sons
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Fisher Co., H. A.
Van Bochove & Bro.
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Mills The Florist
KANSAS CITY, MO.
Alpha Floral Co.
Kellogg, Geo. M.
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Hayward Floral Co.
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Orchid, The
PASSAIC, N. J.
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WASHINGTON, D. C.
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Gude Bros. Co.
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WILKES-BARRE, PA.
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Rosery, The
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16x 4 x3	$ 1.85
20x 4 x3	2.15
18x 5 x3	2.15
21x 5 x3	2.50
24x 5 x3½	3.00
30x 5 x3½	3.30
36x 5½x3½	4.50
21x 7 x3½	3.25
24x 8 x4	3.85
28x 8 x4	4.35
28x 8 x5	5.00
36x 8 x5, Telescope.	7.00
30x10 x5 "	7.50
36x10 x5 "	9.00
40x 8 x5 "	9.00
42x 8 x5 "	11.00
42x10 x5 "	13.00
48x10 x5 "	15.00

White Glaze, Green Glaze, Pink Glaze

	Per 100
16x 4 x3	$ 2.65
20x 4 x3	3.00
18x 5 x3	3 00
21x 5 x3	3 50
24x 5 x3½	3.75
30x 5 x3½	4.50
36x 5½x3½	5.65
18x 6 x3½	3.65
21x 7 x3½	4.00
21x 8 x4	4.65
24x 8 x4	5.25
28x 8 x4	6.00
28x 8 x5	6.50
36x 8 x5, Telescope.	9.00
36x10 x5 "	11.00
40x 8 x5 "	11.00
42x 8 x5 "	13.25
42x10 x5 "	15.00
48x10 x5 "	18.00

Spray, Design and Miscellaneous Palm Green

	Per 100
18x 6x3½	$ 2.75
15x 6x5	3.50
21x 8x4	3.50
24x 8x5	4.00
23x12x5, Telescope	7.50
12x12x8 "	9.00
30x 2x6 "	10.00
16x16x8 "	10.00
20x20x8 "	13.00
24x24x8 "	15.00
28x22x8 "	16 00
28x28x8 "	19.00
32x32x8 "	25.00
20x12x8 "	10.00
24x14x8 "	12.50
30x14x8 "	14.50
32x17x8 "	16.00
36x14x8 "	16.00
40x14x8 "	17.50
36x17x8 "	18.50
42x17x8 "	20.00

Spray, Design and Miscellaneous Mist Gray

	Per 100
28x 6x 4	$ 3.50
24x 8x 5	4.00
30x 9x 4, Telescope	6.50
20x12x 8 "	10.00
24x14x 8 "	13.00
30x14x 8 "	15.00
48x 8x 5 "	12.50
30x12x 6 "	10.50
12x12x 8 "	9.50
14x14x 8 "	10.00
16x16x 8 "	10.50
20x20x 8 "	13.50
24x24x 8 "	15.50
24x24x10 "	20.00

Violet Boxes. White and Violet Glaze.

	Per 100
7x4x4	$2.50
8x5x5	4.00
10x6x5½	5.00
12x8x5½	6.00
Plain Violet	
7x4x4	1.75
10x6x5½	2.50
11x8x5½	3.50
Mist Gray	
7x4x4	2.50
8x5x5	2.75
10x6x5½	3.00
12x8x5½	3.50
Palm Green	
12x8x5½	3.50

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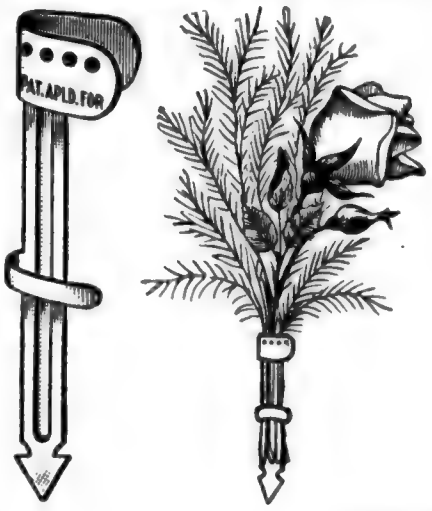
JANESVILLE, WIS.

It seems that when any city is endeavoring to do something really worth while, some of that city's florists are generally among the most active in seeing that the undertaking is made a success. Edward Amerpohl, proprietor of the Janesville Floral Co., was superintendent and treasurer of the annual poultry show, recently held here by the Southern Wisconsin Poultry Association, and there was every indication that the show was successful. Mr. Amerpohl says that he has no fault to find with business. A. F. L.

TARRYTOWN, N. Y.

The thirteenth was far from an unlucky number for the Tarrytown Horticultural Society's annual banquet January 17, at the Florence Inn. George Whittinger now is president of the society, Thos. A. Lee vice-president, Chas. Weeks treasurer, and E. W. Newbrand, to whom much of the success of the banquet is due, the perennial secretary. The attendance was seventy-five and included many of Tarrytown's prominent men. The decorations were artistic and Messrs. Pierson, Scott Bros., Roberts and Whittinger donated handsome ferns, Killarneys, Wodenethe and Eccles carnations and freesia and begonias.

Frank R. Pierson enjoyed his first experience as toastmaster. Several letters of regret were read, including those from Patrick O'Mara, W. J. Stewart and John Young. A local quartet and T. B. Allen, Jr., gave a fine musical program, and Will McDonald, of Yonkers, sang finely, as usual. Sister societies were well represented. Oscar Addor, of the Westchester and Fairfield, Frank Drews and M. C. Ebel, from Morris county, John Dinkel and J. H. Everett, of Nassau county, Miller, of Dutchess county, and Howard Nichols and Will McDonald, of Yonkers, were there. Mr. O'Dell spoke for the local press and Mr. Sperry for the horticultural press. Mr. Shaw talked about "The Land of the Lily and the Rose." Clarence Davidson spoke for the ladies, Isaac Smith, of Peekskill, for "The Family Tree," and Mr. Griffin on "Farming." Judge Millard talked on various topics. Everybody says it was the best banquet in the society's history. J. A. S.



BEHRE'S IMPROVED MODEL

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Patent applied for.

A time-saver to the extent of lessening over 50% of the labor, together with the grace in which the leaves and flowers can be set by the firm hold the Stemmer has upon them, **making them an article of perfection.** They are now being used by leading designers.

Prices: From 1000 to 5000 at 75c per 1000; 10,000 lots at 70c; 25,000 lots and over at 65c. At your dealer's or direct from the factory.

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Universally used for shipping cut flowers and designs. The dead-air cells form a perfect non-conductor of heat and cold, thus preserving contents much longer than ordinary wood box.

H. & D. Florists' Box can be used several times. Is much lighter than the ordinary box, thus saving in express charges.

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WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$1.90 per 100
No. 1	3x4⅛x16	1.75 per 100
No. 2	3x6x18	2.25 per 100
No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x28	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x20	6.25 per 100
No. 11	3⅛x5x30	8.25 per 100
No. 12	6x12x39 (telescope)	10.00 per 100
No. 13	5x10x30	5.50 per 100
No. 14	6x16x39	10.00 per 100

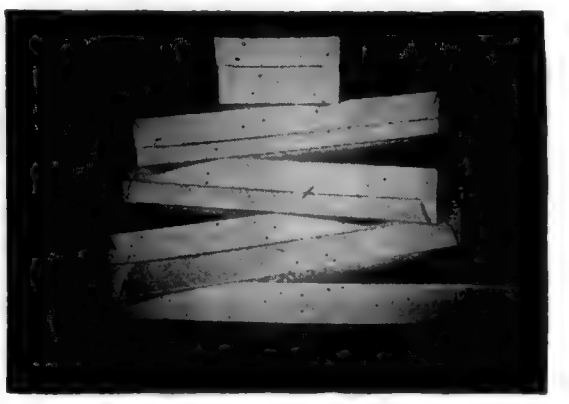
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Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

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CLIMAX CLASSY CUT FLOWER BOXES

Five Grades—Oxford Gray, Mist Green, Nonpareil Green, White Carnation and our popular "Favorite Grade"—the latter a heavy, full telescope shipping box. All popular sizes in stock for immediate shipment. Before placing order, it will pay you to write for prices and samples. Address

THE CLIMAX MANUFACTURING CO.

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Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Leonard H. Vaughan, Chicago; First Vice-Pres., M. H. Duryea, New York City; Sec'y and Treas., C. E. Kendel, Cleveland, O.
Thirtieth annual convention, Chicago, June 25 to 27, 1912.

THE death of William Deal, the well known English seedsman, is reported in this week's obituary column.

WM. F. LANGE has opened a seed store at 805 Meade street, Appleton, Wis., where he will specialize in garden and flower seeds.

CRAVER DICKSON SEED CO. is the name of a new $100,000 corporation, which filed its papers at Buffalo, N. Y., December 30, 1911.

THE North Wisconsin Seed Co., of Eau Claire, has been incorporated, with $15,000 capital. The incorporators are T. B. Keith, A. J. Keith and Ben F. Faast.

ON the whole the retail catalogues are priced pretty much on a level, but on a few items there is such wide variation, especially on carrot, that it can hardly fail to be noted by seed planters.

ARNOLD RINGIER, secretary of the W. W. Barnard Co., Chicago, who started, shortly after the opening of the year, on one of his periodical swings around the western circuit, has been laid up at St. Paul by an attack of rheumatism.

RALPH M. WARD & Co., New York, were one of thousands of firms that had safe deposit boxes in the burned Equitable building. Although it was considered certain that the immensely valuable contents of the boxes had escaped damage, the box-renters had not at last accounts gained access to their boxes.

THE Aggeler & Musser Seed Co., Los Angeles, states that, while the dry weather has undoubtedly checked sales, they are well satisfied with the showing made this season so far, business being well in advance of any previous year. This seems to be about the position of other seedsmen in southern California, but all agree that rain is badly needed.

THE January mail orders have not thus far come up to expectations, due, without doubt, to the exceptionally long continued severely cold weather with which the year opened. Mail order seed houses have become accustomed to having all they can do from the middle of February to the middle of April, and to looking to the first six weeks of the year as the time in which an increase in business is to be made; hence the early mailing of catalogues now in vogue. A falling off from last January's sales will be difficult to pick up.

AT a business session following the annual banquet of the Minnesota Field Crop Breeders' Association at St. Paul, January 10, resolutions were adopted favoring legislation requiring all seeds offered for sale in Minnesota to be analyzed and the percentage of pure seed and of weed seed to be stamped on each lot sold. The association commended Oscar Hauge for his efforts in behalf of a pure seed law, and recommended the appointment of a committee of three members to confer with Mr. Hauge in obtaining the passage of such a law.

PINK AUGUSTA GLADIOLUS

This Season's Stock sold to

HENRY F. MICHELL CO.

518 Market St., Philadelphia, Pa.

STEVENS' GLADIOLI CO., Saginaw, W.S., Mich.

Mention The Review when you write.

Let Ayres' Superior Orchid-Flowering Sweet Peas

Follow Your Mums

The Fine Unsurpassed varieties

Asta Ohn Spencer, lavender, lb., $2.00. America Spencer, great novelty, red and white striped, lb., $4.00. Florence Morse Spencer, a beautiful light pink, lb., $2.50. Large White Spencer, the unrivaled white, lb., $2.50. Apple Blossom, pink shaded rose, lb., $1.75. Any of the above, oz., 35c. We also have all the winter flowering varieties. Write for our Sweet Pea Catalogue.

Ayres' Re-selected Grand Rapids Lettuce Seed

Is universally used by florists. Oz., 15c; lb., $1.25.

S. B. AYRES CO. Sunnyslope, Independence, Mo.

Florists—Nurserymen—Seedsmen

——10 miles east of Kansas City, Mo.——

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W. & D.'s New Crop FLORISTS' FLOWER SEEDS

Vinca Rosea, Alba Pura ..... ½ oz., 15c; oz., $0.50
Salvia Slendens Grandiflora .... ¼ oz., 35c; oz., 1.25
Salvia Splendens Bonfire ..... ¼ oz., 60c; oz., 2.00
Verbena, Mammoth, separate colors or mixed..... ¼ oz., 25c; oz., .80

Cobaea, Lobelia, Stocks, Petunias, etc. Write for our wholesale catalogue.

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BURNETT BROS.

SEEDS :: BULBS :: PLANTS

72 Cortlandt St., NEW YORK CITY

Mention The Review when you write.

EVERY mail this week brings two or three general seed catalogues.

AT least one custom-house brokerage concern is offering to undertake the collection of the $2 rebate on hyacinth duties paid prior to the Breck decision, charging a contingent fee of fifty per cent.

COMMERCE IN SEEDS.

During the month of November in the last two years the imports and exports of seeds compared as follows, according to the U. S. Treasury Department, which compiles customs statistics:

IMPORTS.

November,	1911	$1,526,024
November,	1910	2,965,067

EXPORTS.

November,	1911	$413,447
November,	1910	252,881

SEED TRADE ASSOCIATION.

The executive committee of the American Seed Trade Association held a meeting January 17 at the La Salle hotel, Chicago. The work of some of the committees was discussed and suggestions were offered outlining the

ASTER SEED

We have a surplus of the following Asters and as long as our stock lasts, we will offer it at 75c per oz.; $8.25 per lb. All first-class new crop seed.

Imperial Late Hohenzollern White
Crego Pink
Vick's Imperial Rose
Vick's Imperial Lavender
Vick's Rose King
Vick's Late Branching White
Vick's Late Branching Rose-pink
Vick's Late Branching Shell-pink
Vick's Late Branching Lavender
Vick's Early Upright Lavender Pink
Vick's Early Upright White
Vick's Lavender Gem
Early Wonder White
Select Giant Comet White
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Asparagus Plumosus Nanus

New crop. Greenhouse grown.

50c per 100;
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Asparagus Plumosus Nanus

New Crop—Greenhouse-grown

100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $3.50; 10,000 seeds, $32.00.
Sprengeri, 25c per 250 seeds; 75c per 1000 seeds; $2.75 per 5000 seeds.
Our Flower Seed Catalogue free on application.

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CHOICE VEGETABLE, FLOWER and FARM SEEDS
Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.
HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼ oz ; 75c per 1/16 oz. Postage paid. Cash with order.
All seeds offered are grown under my personal supervision on **my own vast grounds,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

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Unrivaled for vines, tomatoes, cucumbers, all flowering, foliage and fruit bearing plants; vegetables, lawns, etc. Has stood the test of 30 years. The result of many years of practical experience.
Sold by Leading American Seedsmen.
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of all kinds apply to
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SEED GROWER
St. Remy de Provence, France
has issued his Seed Catalogue for Specialties in first-class Flower and Garden Seeds.

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CYNOSURUS CRISTATUS
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Purity and germination guaranteed.
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Seed Exporters
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If you take interest in Cabbage, Cauliflower, Carrot, Mangel, Swede and Turnip, of selected strains (state controlled), please apply to
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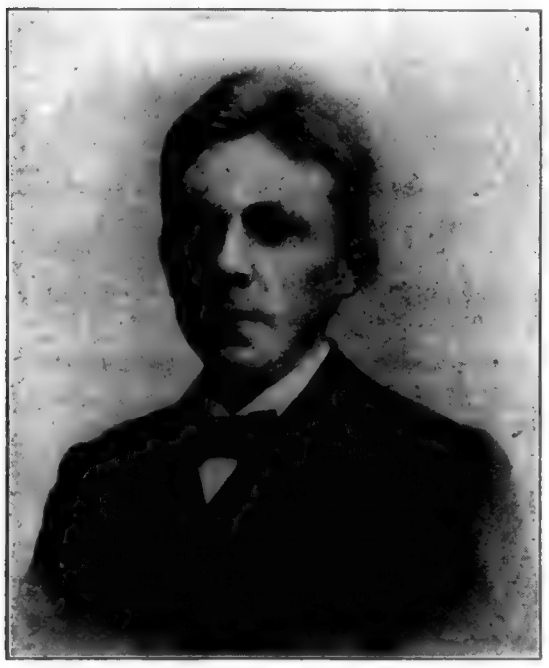
association's policy in the matter considered and plans were laid to make the convention in June a success. Chicago was selected for the convention, June 25 to 27.

There were present President L. H. Vaughan, Secretary Kendel, E. L. Page, Kirby B. White, C. C. Massie and Henry Nungesser, members of the executive committee, and S. F. Leonard, George S. Green and Charles Dickinson, resident members of the association, who were invited to attend.

C. E. Kendel, Sec'y.

LOSS TO DANISH AGRICULTURE.

Loechner & Co., who are American representatives of Hjalmar Hartmann & Co., Danish seed growers, report the death of M. L. Mortensen, M. A., the young councilor for cultivation of plants, at his home in Lyngby. "Modern Danish agricultural science," the firm says, "has lost one of its best workers by this young man's death.



M. L. Mortensen.

In spite of his youth—Mr. Mortensen was only about 30 years old—his work had attracted the greatest attention and he was looked upon with the highest expectations. At his death he was councilor at the plant pathological experimental department of the Coöperating Danish Agricultural Societies and during recent times he had especially occupied himself with certain diseases in cereals, caused by attacks of mucous fungus. On this topic he gave a lecture about a year ago, in the Agricultural Society, which created the greatest sensation."

MILD WINTER IN HOLLAND.

The Horticultural Trade Journal (English) had, in its issue of January 3, the following from its correspondent in the Holland bulb fields:

"When the old year changes for a new one, the bulb grower likes to see his fields covered up by snow, as the most natural and most desirable of all frost protections. Not so, however, this time, and it appears as if the summer record of extreme heat is also going to be followed by a record abnormal winter, and there is no saying what consequences this may lead to. As it is, many growers have been compelled to remove part of the winter covering, and the first week in January

HERE SINCE 1879

Arkansas Valley Seed Company

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Contract Growers of Muskmelon, Watermelon and Cucumber

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Write today for contract price list, also our surplus list of Vine Seeds.

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Correspondence solicited.

George R. Pedrick & Son

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Fancy, Recleaned, Hand Picked

ONION SETS

	Per bu.
Prime recleaned yellow sets	$1.35
Choice recleaned yellow sets	1.50
Fancy, sieved through ¾-in. mesh	1.75
Prime recleaned, silver skin	1.50
Choice recleaned, silver skin	1.75
Fancy, sieved through ¾-in. mesh	2.00

We reclean and hand pick all sets before shipping. A trial order will convince you of the superior quality of our sets.

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GET THEM FROM
J. FRANK CORRY, CONTRACT GROWER
Complete delivery by Oct. 15, 1912.
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Wholesale Seed Growers **SANTA CLARA, CAL.**
Growers of
ONION, LETTUCE, RADISH, etc.
Correspondence Solicited.
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Growers of High Grade Seeds
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SPECIALTIES:
Garden Seeds in Variety
Maine seed potatoes, onion sets, etc.
CORRESPONDENCE SOLICITED.
Main Office and Seed Farms, ORANGE, CONN.
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is likely to see a wholesale removal of all winter coverings in all the bulb growing districts, unless a change of weather should soon set in. This mild weather enables the growers to push the outside work with all vigor, and thus hundreds of hands are being employed that would have to be idle in case the grounds were frozen up."

WINTER-BLOOMING SWEET PEAS.

Will sweet pea seed grown in California, in the open, flower as prolificly as seed grown under glass? I have heard complaint this winter that sweet peas are not blooming so well as in other years and certainly mine are not. Seed sown September 15 in pots and planted in solid beds had not showed bloom January 1. Of course I refer to the winter-flowering type of sweet pea, which has come into such wide demand among florists. The question is whether growing the seed in California will not change the nature of the plant and cause the trouble we have had this winter? This is a most important point and will have to be thoroughly understood if we are to avoid disappointment in the future.—C. E. Y.

Space gladly will be given for any letters throwing light on the question raised.—Ed.

BEANS, PEAS, RADISH
and all Garden Seeds
LEONARD SEED CO.
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ONION SETS GROWERS FOR THE TRADE
Write for Prices
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YOU will be satisfied with the products of Burpee's "Seeds that Grow"
Better write to Burpee, Philadelphia,—for new Complete Catalogue.

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Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.
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Growers of
PUGET SOUND CABBAGE SEED
Mention The Review when you write

Henry Fish Seed Co.
BEAN GROWERS
For the Wholesale Seed Trade
CARPINTERIA, - CAL.
Mention The Review when you write

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety.
Correspondence solicited.
Mention The Review when you write.

Peas and Beans
...Growers For The...
Wholesale Seed Trade

Alfred J. Brown Seed Co.
Grand Rapids, Michigan
Mention The Review when you write.

Sioux City Seed & Nursery Co.
Sioux City, Iowa
Contracting growers of **Peas, Beans** and famous **Sweet Corn.** Introducers of the **White Mexican Sweet Corn.**

S. M. ISBELL & CO.
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Contract Seed Growers
Bean, Cucumber, Tomato, Radish, Pea, Squash, Muskmelon, Watermelon, Sweet Corn.
Correspondence Solicited

ONION SEED — ONION SETS
We are extensive growers and dealers. Write for prices on the 1911 crop. We are also submitting contract figures for the 1912 crop of Onion Seed.
SCHILDER BROS., CHILLICOTHE OHIO

The C. Herbert Coy Seed Co.
VALLEY, Douglas County, NEB.
Wholesale Growers of High Grade Seeds.
Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

—THE—
J. C. Robinson Seed Co.
Waterloo, Neb.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar, Flint and Field Seed Corns.
Mention The Review when you write.

GLADIOLI

Try GOLDEN QUEEN and PRESIDENT TAFT for forcing.

One customer writes under date of May 25th: —

"The Golden Queen that I ordered from you were planted in a carnation house on February 7th, and we are now getting fine spikes and handsome flowers. I find your variety to be one week earlier than Mrs. Francis King, ten days earlier than Augusta and two weeks ahead of America. They have been perfectly satisfactory in every way."

I have also a fine stock of Mrs. King, Klondyke, Taconic, Independence, Brenchleyensis, Geo. Paul and other kinds. Write for trade list.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

EUROPEAN SEED NOTES.

Dobbie & Co., seed merchants, Edinburgh, one of the largest mail-order firms in Great Britain, have this season issued 105,000 catalogues of 208 pages each. Sweet peas adorn the cover. In 1911 their business increased nearly twenty per cent. Ryder & Co., St. Albans, another large mail-order seed house, commenced the new year in extensive, finely equipped new premises.

Robert Inch and Andrew Riddell, at one time in partnership as seed merchants in Edinburgh, but later engaged in business separately, died within two days of each other, in the closing week of 1911. Both were well known and highly respected members of the Edinburgh seed trade.

Bee.

SEED TIME AND HARVEST.

The Department of Agriculture has issued the first of a series of bulletins dealing with exhaustive investigations made with regard to seed planting and harvest dates for the principal crops throughout the United States. The data will no doubt well repay careful study by seedsmen.

"Because southern latitudes are first to feel the advance of spring," says the bulletin, "it is quite natural to suppose that planting and harvesting always move northward with its advance. As a general fact, the progress of sowing and harvesting is northward, but there are interesting exceptions. Of cereals sown in the spring sowing and harvesting always move in a northward direction, while of those sown in late summer or fall the sowing movement is always southward. Harvesting progresses northward in the case of all cereals except buckwheat. Corn planting progresses northward; winter wheat sowing moves southward. The harvesting of corn and of winter wheat progress northward, but the sowing and harvesting of buckwheat progress southward.

"It should be remembered that there are many causes which influence the times of sowing and harvesting and, while a line connecting places which sow or harvest simultaneously will run in the main from east to west, there are curious irregularities, deviations here and there, depending primarily

BEGONIAS EXCEPTIONAL QUALITY

	Doz.	100	1000
Single, white, yellow, rose, scarlet and crimson	$0.35	$2.50	$22.00
Single, mixed, all colors	.30	2.25	20.00
Double, white, yellow, rose, scarlet and crimson	.60	4.00	38 00
Double, mixed, all colors	.50	4.00	35.00

GLOXINIAS FROM A PRIZE GIANT STRAIN

	Doz.	100		Doz.	100
Blue	$0.50	$3 50	**Red,** with white border	$0.50	$3 50
Crimson	.50	3.50	**Spotted**	.50	3.50
White	.50	3.50	**Violet,** white border	.50	3.50

Mixed, all colors, doz., 45c; 100, $3.25

High-class Flower Seeds and Summer-flowering Bulbs

Write for Florists' Wholesale List

JOHNSON SEED COMPANY, 217 Market Street, PHILADELPHIA, PA.

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LILIUM GIGANTEUM (Dark Stem)

LILIUM ALBUM, AURATUM AND RUBRUM

All sizes and as fine as Japan produces. Write us.

S. S. Skidelsky & Co., 1215 Betz Bldg., Philadelphia, Pa.

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Salvia Seed, 1911 Crop

(Our own growing.)

Bonfire, ½ oz., 60c; 1 oz., $1.00. Zurich, ½ oz., $1.50; 1 oz., $2.50. Above seed is from selected stock. Cash, please.

J. P. SIEBOLD, Lancaster, Pa.

Salvia Seed

SPLENDENS..Tr. pkt., 15c; ⅛-oz., 25c; oz., $1.25

CLARA BEDMAN (Bonfire).....Tr. pkt., 25c; ⅛-oz., 40c; oz., $2 25.

ZURICH.....Tr. pkt., 35c; ⅛-oz., 50c; oz., $3.50

New Catalogue just out; write for a copy.

G. H. HUNKEL CO., Seedsmen, Milwaukee, Wis.

Bulbs for Spring

L. Giganteum, Cannas (all leading varieties), **Tuberoses, Gladioli.** Prices on application.

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126-128 W. 6th St., CINCINNATI, OHIO

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Ask for prices.

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LILIES, SUMMER FLOWERING BULBS AND HARDY PLANTS.

SEND FOR PRICE LIST.

E. S. MILLER, Wading River, N. Y.

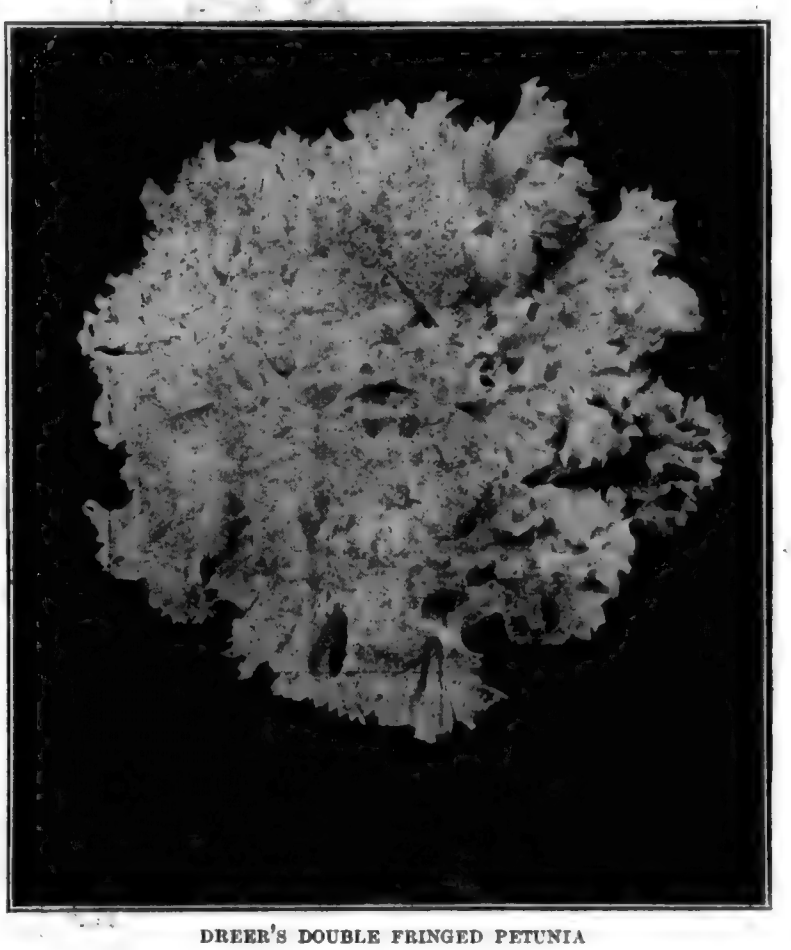
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Dreer's Reliable Flower Seeds New Crop

We are now ready with a full supply of the very choicest strains of all wanted varieties. Below we give but a short list of a few items which should be sown early.

	Tr. pkt.	Oz.
Ageratum Blue Perfection, best dark blue	$0.15	$0.50
Alyssum Little Gem, extra dwarf stock	.15	.40
Asparagus Plum. Nanus, true, greenhouse-grown	$4.00 per 1000 seeds	
Begonia Semperflorens Erfordii, rose	.30	
Begonia Semperflorens Luminosa, fiery red	.30	
Begonia Semperflorens Vernon, carmine	.30	
Candytuft Empress, finest white	.10	.20
Celosia Cristata Glasgow Prize	.25	1 00
Centaurea Candidissima	.25	1.00
Centaurea Gymnocarpa	.15	.35
Cineraria Maritima Candidissima	.10	.20
Cobœa Scandens, purple	.15	.40
Dracæna Indivisa	.10	.30
Pennisetum Rueppelianum	.10	.25
Grevillea Robusta	.15	.50
Heliotrope Lemoine's Giant	.40	2.00
Ipomœa Grandiflora (Moonflower)	.15	.40
Lobelia Crystal Palace Compacta	.25	1.25
Lobelia Speciosa, trailing	.15	.50
Petunia Dreer's Superb Single Fringed	.50	
Petunia Dreer's Superb Double Fringed, 75c per 500, $1.50 per 1000 seeds		
Pyrethrum Aureum	.10	.25
Salvia Splendens	.25	1.00
Salvia Splendens Bonfire	.40	2 00
Salvia Splendens Zurich, very early	.50	4.00
Smilax	.10	.40
Solanum Capsicastrum	.10	.25
Verbena Dreer's Mammoth, separate colors	.30	1.25
Verbena Dreer's Mammoth, finest mixed	.25	1.00
Vinca Rosea, Alba and Alba Pura	.15	.50
Vinca, mixed	.15	.40

We can furnish you with the very finest quality in all the leading flower seeds, including Antirrhinum, Aster, Pansies, Petunias, Phlox, Primulas, Stocks, Sweet Peas, Zinnias, etc. Also a very complete line of seeds of the best Hardy Perennials. Consult our Wholesale Catalogue. If you do not have a copy, we will be pleased to send you one if you will send us one of your business cards.



DREER'S DOUBLE FRINGED PETUNIA

Henry A. Dreer, FLOWER SEED SPECIALISTS 714 Chestnut St., Philadelphia, Pa.

PREMIUM AMERICAN PANSY SEED

Sow Pansy seed now for early spring plants. Greenhouse-grown Pansy plants are superior to those wintered over.

Hesperian Strain A selection of the most beautiful varieties, notable for their large size and perfection of form and coloring. We offer this mixture after over thirty years' experience in pansy seed and plant growing for both the retail and wholesale trade, and recommend it for those having critical customers. **Pkt., 25c; 1000 seeds, 50c; ⅛ oz., $1.00; ¼ oz., $1.75; oz., $6.00.**

Toole's Giant Prize Strain This is a mixture made up from the best of the giant varieties, with the correct proportions of the different shades and colors for general sale. This mixture will surely please you. **Pkt., 15c; 1000 seeds, 30c; ⅛ oz., 70c; ¼ oz., $1.20; oz., $4.00.**

White, red, yellow and blue, colors separate. Prices same as for Toole's Giant Prize Strain.

"How to Grow Pansies," with price list of other varieties and mixtures, sent free on request.

WILLIAM TOOLE & SONS, Pansy Heights, **BARABOO, WIS.**

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upon altitude, rainfall and character of soil. An increase in altitude is analogous to an increase of latitude, and therefore when these lines cross the higher altitudes they will naturally bend toward the south. In regions of great annual rainfall the line will also bend southward, due to physiological peculiarities of plant growth. While the waters of the Great Lakes undoubtedly mitigate the severity of the continental climate in that vicinity, yet they also delay seasonal changes and thus retard spring growth and hence cause a later harvest. This explains why the lines in the vicinity of the Great Lakes are bent southward." An interesting map illustrates the points made.

Relative to the rate of progress of corn planting the bulletin says: "At the starting point, near Brownsville, Tex., planting begins on the average date of February 10. The movement reaches the Texas-Oklahoma line on the mean date of March 12, and therefore crosses Texas in thirty days, or at the rate of eighteen miles per day.

"From the time this movement starts

Bridgeman's Seed Warehouse

Est. 1824. RICKARDS BROS., Props.

Importers and growers of high-grade

SEEDS, BULBS, PLANTS, Etc.

37 East 19th St., NEW YORK CITY

Telephone 4235 Gramercy

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NEW CROP

Asparagus Plumosus Nanus

Wisconsin Greenhouse Grown Seed

Not to be compared with the inferior California and Florida outdoor grown seed.

1000 seeds, **$4.00;** 5000, **$18.75;** 10,000, **$35.00**

G. H. HUNKEL CO., Seedsmen, Milwaukee, Wis.

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F. W. O. SCHMITZ

PRINCE BAY, N. Y.

Wholesale Grower, Exporter and Importer of all plants, roots and bulbs in season.

Correspondence Solicited

Mention The Review when you write.



According to the late season in California, 1912 **Winter Sweet Pea Crop** will be late. To avoid late delivery, I will send all early orders directly from my ranch in **Lompoc, Cal.** These will reach my farthest customers not later than August 10th, saving over 4 weeks' time. We will have all the leading colors and many novelties. **Order now.** New complete list will be ready in May.

Now is the time to sow **Late Sweet Peas.** We have on hand the best Spencer and Unwin types, and almost all other florists' flower seeds, like Asters, Stocks, Mignonette, etc.

Send for list.

Ant. C. Zvolanek

Bound Brook, N. J.



FOR RETAIL COUNTER TRADE

Chinese Sacred Lily Bulbs

¶ Just arrived—a late shipment of the **finest bulbs** we have ever seen, and we've handled them for 20 years. Original cases, containing 120 bulbs, per case, $4.20. Less quantities at 4c each.

WINTERSON'S SEED STORE

166 N. WABASH AVE., CHICAGO, ILL.

CHINESE SACRED LILY, OR "JOSS FLOWER"

Mention The Review when you write.

at the Texas-Oklahoma line until it reaches the Oklahoma-Kansas line twenty-five days elapse. The distance from one state line to the other is about 220 miles. Planting, therefore, moves northward through Oklahoma at the rate of nine miles a day. The rate of progress through Kansas is ten miles; through Nebraska, nineteen miles; through South Dakota, fifty miles, and through North Dakota, forty-four miles per day.''

The soil temperature at which corn germinates has been ascertained by numerous tests in field and laboratory. The air temperature at which corn planting takes place in actual practice, however, has not heretofore been established, but from data assembled in this bulletin it is believed to be approximately 55 degrees. Air temperature records at corn planting time in the vicinity of 127 cities east of the Rocky Mountains are given in tabular form.

THE SEED SHORTAGE.

Seedsmen all over the world have been talking of the short seed crops for so long that it is an old story, yet crop talk always is news, no matter how well the facts may be understood, and is read with interest. The following is from a trade letter sent out by Watkins & Simpson, London:

''We should like to give our customers a few facts concerning the abnormal season from which we have all suffered, on account of the continued drought and scorching sun of last spring and summer. Although everybody has been more or less affected by the lack of moisture and excessive heat, we doubt if many have yet realized the universal shortage of the seed crops over the whole of Europe and America, with perhaps the exception of Denmark. This is the third season in succession of short seed crops over practically the whole of the world, and as a result the stocks of seeds on hand today are the smallest the trade has ever known. It has been impossible to estimate the yields of our crops. We have expected little, but we are realizing much less after harvesting. It has been, and is, a most disappointing and

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Thorburn's Seeds

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Lily of the Valley Pips

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Write for prices.

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ALYSSUM SNOWDRIFT, most dwarf and compact, very fine, pkt. 20c.
ANTIRRHINUM, New Giant, white, rose and yellow. Separate or Mixed, pkt. 20c.
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LOBELIA, Blue Ball, dwarf, dark blue, finest of all Lobelias, pkt. 20c. Be sure to sow of this.
TORENIA FOURNIERI, New Giant, extra fine, pot plant, pkt. 20c. Showy.
CANDYTUFT, New Giant Hyacinth-flowered, a great cutter, pkt. 20c.
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COLUMBINE. New blue with yellow spurs, extra, pkt. 20c. Grand Novelty.
VERBENA, Improved Mammoth, finest giants grown, mixed or separate of purple, white, scarlet, pink, striped, white-eyed. Tr. pkt. 20c.
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COBAEA SCANDENS, extra fine vine, pkt. 20c.
THUNBERGIA, mixed (Black-eyed Susan), fine, 20c.
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CASH. Liberal extra count.

JOHN F. RUPP, Shiremanstown, Pa.

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There is a scarcity of really first-class bulbs of Begonias this season, due to the unprecedented drought throughout Europe during the past summer, but the Specialist who has grown this stock for us for more than twenty years, having facilities for watering, has been able to supply us with bulbs almost as large as in normal seasons, while in quality they are fully up to our usual standard.



There has been no advance in price for this superior strain; you can buy cheaper but not better stock.

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BEGONIAS, Double, in Choicest Mixture. 50c per dozen; $4.00 per 100; $35 00 per 1000.

BEGONIAS, Frilled, in Separate Colors. Scarlet, white, pink and yellow. These are with wavy and frilled petals, like some of the newer Petunias. $1.00 per dozen; $7.00 per 100; $60.00 per 1000.

BEGONIAS, Dwarf Hybrid Lafayette. Brilliant crimson-scarlet. $1.25 per dozen; $8.00 per 100.

BEGONIAS, Dwarf Hybrid Duke Zeppelin. Pure rich scarlet. 85c per doz.; $6.00 per 100.

BEGONIAS, Dwarf Hybrid Frau Helene Harms. A new primrose yellow. 20c each; $2.00 per dozen.

GLOXINIAS, Dreer's Superb, in Choicest Mixture or in Separate Colors, as blue, red, white, red with white edge and blue with white edge. 60c per dozen; $3.50 per 100; $30.00 per 1000.

CALLA ELLIOTTIANA. Strong bulbs, at $2.00 per dozen; $15.00 per 100.

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BEGONIA Gracilis Luminosa, true stock, with large scarlet flowers	$2.50	$0.50
Erfordii, fine pink variety	2.50	.50
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The cut shows our No. 610, which is one of our most popular styles. It is made of solid oak, antique finish, with nickel trimmings. The interior is white enameled, except the floor, which is covered with galvanized iron. It is 84 inches wide, 28½ inches deep and 74 inches high, with an ice capacity of 250 lbs. Write for price.

of cold dry air will keep your flowers in perfect shape. You can find this circulation in McCray Refrigerators, which will not only preserve your flowers but display them to the best advantage.

Geny Bros., Florists in Nashville, Tenn., write us as follows:

"The cooler you shipped us has given surprising results. We are more than pleased with same. We loaded this cooler with 3000 lbs. of ice November 1, and did not put in any more until the 14th, and then put in 1200 lbs. The temperature stands 35° to 38°, and has never reached 40°. We think it one of the best on the market."

McCRAY REFRIGERATORS

because of richness of design and finish, perfect quality of materials and workmanship, and general attractiveness, are at the top in creating new trade.

Find out—right now—how you can stop your losses and build a bigger, better business. Send for our Catalogue No. 72, which shows all sorts of Refrigerators for Flower Shops.

McCray Refrigerator Co., 368 Lake Street, Kendallville, Ind.

Chicago Office, 158 North Wabash Avenue.

New York Office, 231 West 42nd Street.

Mention The Review when you write.

trying time. The chief shortages exist principally among the peas, runner beans, beet, carrot, leek and onion. A great many flower seeds, including asters, sweet peas and many perennials are also exceedingly short."

CATALOGUES RECEIVED.

William Bull & Sons, Chelsea, London, England, seeds, bulbs and plants; De Graaff Bros., Ltd., Leiden, Holland, bulbs and plants; Chris. Reuter, New Orleans, La., vegetable seeds; Glen Moore Nursery, Zanesville, O., retail list; Rudy-Patrick Seed Co., Kansas City, Mo., farm and garden seeds; W. W. Johnson & Son, Ltd., Boston, England, wholesale list of vegetable, flower and farm seeds; K. Velthuys, Hillegom, Holland, wholesale list of Dutch bulbs and plants; W. E. Marshall & Co., New York, N. Y., seed catalogue; George L. Stillman, Westerly, R. I., dahlias; E. G. Hill Co., Richmond, Ind., roses, chrysanthemums and other plants; Wm. Elliott & Sons, New York, N. Y., general and wholesale seed lists; W. W. Wilmore, Denver, Colo., general and wholesale lists of dahlias, gladioli, peonies and hardy plants; O. S. Jones Seed Co., Sioux Falls, S. D., garden and field seeds; L. E. Williams, Exeter, N. H., native trees, shrubs and plants; Walter P. Stokes, Philadelphia, Pa., general seed list; Fottler, Fiske, Rawson Co., Boston, Mass., wholesale seed list; Diggs & Beadles, Richmond, Va., general seed list; A. N. Pierson, Inc., Cromwell, Conn., wholesale list of roses, carnations, chrysanthemums, palms, etc.; Johnson Seed Co., Philadelphia, Pa., garden and field seeds; S. M. Isbell & Co., Jackson, Mich., seed annual; Iowa Seed Co., Des Moines, Ia., seeds, plants and bulbs.

Calendars Received.

The Willadean Nurseries, Sparta, Ky.; K. Velthuys, Meilust Nurseries, Hillegom, Holland.

Vegetable Forcing.

WITH NEW ORLEANS TRUCKERS.

The regular monthly meeting of the New Orleans Gardeners' Mutual Protective Association was held in its hall, 114 Exchange Place, January 14. The following officers were elected: C. R. Panter, president; W. Orth, vice-president; John Parr, secretary; John Bollinger, grand guardian; Isidore Mayer, treasurer; Joseph Faust, grand marshal. Following the initiation, the various annual reports were read. That of the treasurer showed that the association had over $3,000 in bank.

After the adjournment the members repaired to the Old Hickory, where an elaborate banquet was served. Charles Panter acted as toastmaster. His reelection marks his third term of service. Since 1884 he has been actively engaged in horticultural and agricultural work in the state. He is the past president of the New Orleans Horticultural Society, and has always been connected with the different flower shows of this city. In the Order of Druids he is past supreme arch and colonel of the Uniform Rank. He is also prominently connected with many other fraternal orders.

During the course of the addresses at the banquet it was stated by several of the largest truck growers of the state that the vegetable crop was practically destroyed by the recent freeze.

CYANIDE ON VEGETABLES.

In The Review of December 14, page 42, I noticed a letter from A. L. Merrill, relating his troubles in the use of hydrocyanic acid gas, with a reply from C. W., and I thought that my experience might perhaps be of use to some of the readers. In my experiments here, in England, I have found that greenhouse vegetables are easily affected by the gas, as C. W. says they are. Yet, though I am not recommending the gas in a general way for vegetables, I have used it successfully on tomatoes and cucumbers for white fly. This fly, though one of the hardest pests to exterminate with nicotine fumigants, seems to be quite susceptible to the gas. One ounce of cyanide of potassium (ninety-eight per cent pure, granular) to 2,500 cubic feet, in a fairly tight house, is sufficient to kill the adult flies, but not the eggs. A second and perhaps a third dose, at intervals of five days, will generally clean them out.

The atmosphere must be dry and great care must be taken that there is no moisture on the leaves. If these soft, quick-growing plants are slightly dry at the root, the danger of burning is greatly reduced. Besides this pre-



Brown Beauty

Livingston's Superb Onions

mature early, yield heavily and keep well. An ideal soil and climate give them true color, correct shape and good size. Many years of critical selection have firmly fixed all these desirable traits in our strains. One of our customers, while ordering 250 lbs. of **Ohio Yellow Globe** Onion seeds, writes on Dec. 14, 1911, as follows: "It may interest you to know that among over 10,000 bu. of onions raised from your seeds we had absolutely no white onions."

Special Onions for Sets

Livingston's Brown Beauty. Grows the hardest, smoothest, roundest, best-keeping sets of any onion on the market. Forms medium flat bulbs (see illustration) 2½ in. in diameter, is solid, has brown skin and white flesh. Keeps until late spring. Oz., 15c; ¼ lb., 40c; lb., $1.50; 10 lbs., $12.50; 100 lbs., $100.00.

White Silverskin. The well-known white, flat onion. Sets are round, solid and keep splendidly. Oz., 15c; ¼ lb., 40c; lb., $1.50; 10 lbs., $12.50; 100 lbs., $100.00.

Onion Booklet, Wholesale and Retail Catalogue, FREE

They fully describe and illustrate our splendid strains. Quality considered, our prices are moderate. A careful study of booklet and catalogues will help you to a clear understanding of quality in "True Blue" Seeds. Copies free on request.

The Livingston Seed Co., Desk R, Columbus, O.

Stokes' Bonny Best Early Tomato

Buy This Seed of the Originator, and Get it Right.

It is the finest tomato for forcing inside or for outdoor planting known to the trade. Price Introducer's Seed: Pkt., 10c; oz., 40c; ¼ lb., $1.00; lb., $3.75. Crown Set Seed for greenhouse use. Pkt., 20c; ½ oz., 75c; oz., $1.25. "Stokes' Standard" Globe Tomato. A new and wonderful strain of Globe Tomato. Seed saved from specimen fruits from line bred plants. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.50.

STOKES' BIG BOSTON LETTUCE — A superior strain. Oz., 15c; ¼ lb., 35c; Lb., $1.25.

STOKES' GRAND RAPIDS LETTUCE — A superior strain. Oz., 15c; ¼ lb., 35c; Lb., $1.25.

Send for Seed Catalogue and Market Gardeners' Wholesale Lists.

WALTER P. STOKES, Seedsman. Philadelphia, Pa.

BEST FRENCH SEED.

Radish, Scarlet Globe; Self-Blanching Celery; Lettuce, Improved Big Boston (quality extra), Black Seed Big Boston, Beaulieu's Forcing, 45 head fill up a barrel; Beaulieu's Globe White Tipped Forcing (½ pink, ½ white) new radish; White Tipped Scarlet turnip; Beet, Detroit, Crosby; long smooth parsley, large rooted, extra; Spinach, Savoy, Viroday, Triumph, etc.; Endive, Curled and Escarolle. All this has been selected by myself and is the quality as used by the market gardeners of Paris. Send for prices.

BEAULIEU.
Woodhaven, Borough of Queens, New York.

New Stone Tomato Seed

Write for Prices!

Will exchange for Crimson Clover Seed or anything I can use.

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We make a specialty of growing all kinds of Vegetable Plants for the Seed and Plant Trade, including the best varieties of Forcing Tomatoes, Asparagus, Cauliflower, Egg Plants, Peppers, Parsley, Lettuce, Cabbage, etc. Special prices made on large orders for spring delivery. Let us know your wants.

We have a fine lot of Tomato Plants, transplanted and potted: Comet, Lorillard, Bonny Best, Sutton's A-1, Sutton's Abundance and Winter Beauty, also Extra Early Erfurt and Snowball Cauliflower.

Cash required with orders from unknown correspondents

Fox-Hall Farm, R. F. D. No. 2, Norfolk, Va.

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DON'T PAY FANCY PRICES FOR YOUR **SEEDS**

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of highest germinating and early maturing qualities direct from the grower. Send today for our Market Gardeners' Catalogue and save money.

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Watch for our Trade Mark stamped on every brick of Lambert's

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

P. C. Trade Mark.

American Spawn Co., St. Paul, Minn.

caution as to dryness, care must be taken not to have the temperature too high and only pure chemicals must be used; these, I believe, are the chief points to be observed in preventing disaster. Syringe the plants before the sun reaches them in the morning. I have never used more than three ounces in one jar on growing crops, but more jars per house.

Have any of The Review's readers tried cyanide of sodium instead of potassium? I have seen it recommended largely in England, as being safer and cheaper, and I understand that only half the strength is necessary.

Devizes, England. F. S. W.

THE REVIEW sends Scott's Florists' Manual postpaid for $5.

In this world nothing absolutely sure exists, except, perhaps, taxes and death; therefore we are all, in a small degree, a pack of gamblers. The question is, how much of a chance should we take? Wise men always minimize chance as much as possible. The professional gambler always loses, eventually. The keeper of a gambling house never gambles—he knows too much, for if he did he would not long be the keeper. It's the fuzzle-headed jiggers who do the gambling—the easy-marks—those who cannot withstand temptation. In lily bulbs there is always a more or less degree of gambling by the very nature of the business. It's an everlasting fight against the eternal cussedness of things. But the chance can be minimized materially if growers would buy Horseshoe Brand bulbs to begin with. There are none better produced and there may be many worse. One dose of bad Lily bulbs in a period of five years will be a greater loss to the grower than the extra cost of the best bulbs, to say nothing of the loss and disappointment in a business way. Buy Horseshoe Brand Lily bulbs—they are the safest all-around bulbs there are.

Send for catalogue.

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EDWARD REID Choice Carnations, Orchids, Lily of the Valley, Daffodils, Sweet Peas and all seasonable varieties of cut flowers.
WHOLESALE FLORIST 1619-21 Ranstead St., Philadelphia, Pa.
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Wholesale Cut Flower Prices.

Philadelphia, Jan. 24, 1912.

	Per doz.
Beauty, Specials	$7.50
" Extra	6.00
" Medium	$3.00 @ 5 00
" Short	2.00 @ 2.50
	Per 100
The Killarneys, Fancy	$15 00 @ $20.00
" Select	8.00 @ 12.00
" Ordinary	4.00 @ 6.00
My Maryland, Bride—	
Fancy	12.00 @ 15.00
Select	8.00 @ 10.00
Ordinary	4.00 @ 6.00
Richmond, Fancy	15.00 @ 20 00
" Select	8.00 @ 12 00
" Ordinary	4.00 @ 6.00
Melody	4.00 @ 12.00
Carnations, Fancy	4.00 @ 6.00
" Select	3.00
" Ordinary	1.50 @ 2.00
Cattleyas....per doz., $5.00 @ $6.00	
Cypripediums	15.00
Gardenias...per doz., $1.00 @ $3.00	
Easter Lilies, per doz., 1.25 @ 1.50	
Callas.....per doz., 1.50 @ 2.00	
Valley	3.00 @ 4.00
Sweet Peas	.40 @ 1.50
Violets, single, select	.75
" " ordinary	.25 @ .50
" double, select	1.00
" " ordinary	.50 @ .75
Daisies	1.50 @ 2.00
Pansies	.75 @ 1.00
Lilacs.....per bunch, $1.00	
Paper Whites	2 00 @ 3.00
Romans	2 00 @ 3.00
Mignonette	4.00 @ 6.00
Daffodils	4.00
Snapdragon....doz., $1.50 @ $2.50	
Freesias	4.00 @ 5.00
Tulips	3.00 @ 4.00

Buffalo, Jan. 24, 1912.

	Per doz.
Beauty, Specials	$6 00
" Fancy	4.00
" Extra	3 00
" Firsts	2.00
" Shorts	$0.50 @ 1.00
	Per 100.
Perle	$ 5.00 @ $ 8.00
Bon Silene	3.00 @ 4 00
Bride and Maid	5.00 @ 8.00
Killarney	6.00 @ 15.00
White Killarney	6 00 @ 15.00
Richmond	6 00 @ 15.00
Maryland	5.00 @ 12.00
Carnations	2.00 @ 3.50
Lily of the Valley	3.00 @ 4 00
Longiflorums	10.00 @ 12.00
Violets	.60 @ .75
Mignonette	3.00 @ 5.00
Sweet Peas	1.00 @ 1.25
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
Stevia	1.00 @ 1.25
Callas	8.00 @ 10.00
Tulips	4.00
Daffodils	4.00

Milwaukee, Jan. 24, 1912.

	Per doz.
Beauty, Long	$5.00 @ $6 00
" Medium	3.00 @ 4 00
" Short	1.50 @ 2.00
	Per 100
Richmond	$ 5.00 @ $12.00
Killarney	5.00 @ 12.00
White Killarney	5.00 @ 12.00
Carnations	1.50 @ 4.00
Valley	3.00 @ 4.00
Lilies	12.50 @ 15.00
Violets	.75 @ 1.00
Snapdragon.....bunch, 35c @ 75c	
Paper Whites	2.00 @ 3.00
Stevia	1.50 @ 2.00
Romans	2.00 @ 3 00

Not a few subscribers save themselves the bother of annual renewal by sending The Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

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Samuel F. Lilley, WHOLESALE FLORIST
A good market for more Choice Flowers
5 Mole St., Philadelphia, Pa.
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Carnations—Sweet Peas—Roses
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All Kinds of Seasonable Cut Flowers at Chicago Prices
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25 Washington St., Providence, R. I.
GREENHOUSES, OAKLAWN, R. I.
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Wholesale Cut Flower Prices.

Boston, Jan. 24, 1912.

	Per 100
Beauty, Specials	$50.00 @ $60 00
" Extra	20.00 @ 30.00
" Short Stems	6.00 @ 15.00
Killarney	3 00 @ 16.00
White Killarney	2.00 @ 10.00
My Maryland	2.00 @ 12.00
Mrs. Aaron Ward	2 00 @ 12.00
Lady Hillingdon	2.00 @ 12.00
Richmond, Rhea Reid	3 00 @ 16.00
Carnations	2 00 @ 4 00
Cattleyas	3 .00 @ 50.00
Cypripediums	6.00 @ 8.00
Pansies	.50 @ 1.00
Lily of the Valley	2 00 @ 3.00
Lilium Longiflorum	8.00 @ 10.00
Gardenias	4.00 @ 12.00
Violets	50 @ .75
Sweet Peas	.50 @ 1 00
Antirrhinums	3.00 @ 5.00
Marguerites	1 00 @ 2.00
Paper White Narcissi	1 00 @ 1.50
Yellow Trumpet Narcissi	2.00 @ 3 00
Narcissus Poeticus	1.00 @ 2.00
Roman Hyacinths	1.00 @ 1.50
Mignonette	3 00 @ 8 00
Tulips	2.00 @ 3.00

St. Louis, Jan. 24, 1912.

	Per doz.
Beauty, Specials	$4.00 @ $5.00
" Extra	2.00 @ 3.00
" Shorts	1.00 @ 1.50
	Per 100
Bride, Maid	$ 6.00 @ $10.00
Richmond	6 00 @ 10.00
Maryland	6.00 @ 10 00
White Killarney	6.00 @ 10 00
Killarney	6.00 @ 10.00
Carnations	3.00 @ 4.00
Lily of the Valley	3.00 @ 4.00
Harrisii	10.00 @ 12.50
Orchids.....doz., $5.00 @ $6.00	
Violets	.60 @ 1.00
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
Tulips	3 00 @ 4.00
Freesias	.75 @ 1 00
Sweet Peas	1.00 @ 1.50

LARGE, SINGLE
Daffs
and Tulips. They are fine.
McCALLUM CO.
CLEVELAND PITTSBURGH
Mention The Review when you write.

The Munk Floral Co.
Wholesale Growers of
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CYCAS LEAVES

Size	Doz.	100	Size	Doz.	100
12-inch	$0.60	$3.00	32-inch	$1.20	$ 7.00
16-inch	.60	3.75	36-inch	1.35	8.00
20-inch	.75	4.50	40-inch	1.50	9.00
24-inch	.90	5.25	44-inch	1.75	10.25
28-inch	1.00	6.00	48-inch	2.00	11.50

(50 leaves at 100 rate.)

GEO. H. ANGERMUELLER, Wholesale Florist,
1324 Pine St., ST. LOUIS, MO.
Mention The Review when you write

C. A. KUEHN, Wholesale Florist
Cut Flowers and Florists' Supplies
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of SUPPLIES always on hand. Write for catalogue and prices.
1312 Pine Street, ST. LOUIS, MO.

Roses, Beauties, Orchids, Valley, Violets, Carnations, Paper Whites, Lilies, Sweet Peas, Daisies, Trumpets, Mignonette, Decorative Greens

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WM. MURPHY, Wholesale Commission Florist
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CUT FLOWERS GREENS MOSS SPHAGNUM
FLORISTS' SUPPLIES WIRE WORK

PHONE MAIN 980 CONSIGNMENTS SOLICITED

Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Jan. 24, 1912.

	Per doz.
Beauty, long stems	$5.00 @ $6.00
" 36-in. "	4.00
" 30-in. "	3.00
" 24-in. "	2.50
" 20-in. "	2.00
" 15-in. "	1.50
" 12-in. "	1.25
" short "	.75 @ 1.00

	Per 100
Killarney	$ 6.00 @ $15.00
White Killarney	6.00 @ 15.00
Richmond	6.00 @ 15.00
My Maryland	6.00 @ 15.00
Mrs. Jardine	6.00 @ 15.00
Rhea Reid	6.00 @ 15.00
Mrs. Aaron Ward	6.00 @ 15.00
Rivoire (Bulgarie)	6.00 @ 15.00
Melody	4.00 @ 15.00
Perle	6.00 @ 10.00
Carnations	2.00 @ 4.00
Valley	3.00 @ 5.00
Easter Lilies	12.50 @ 15.00
Callas	12.50 @ 15.00
Cattleyas...per doz., $4.00 @ $6.00	
Violets	.50 @ 1.00
Sweet Peas	.75 @ 1.50
Paper Whites	2.00 @ 4.00
Romans	2.00 @ 3.00
Mignonette	4.00 @ 8.00
Freesia	2.00 @ 4.00
Tulips	3.00 @ 4.00
Jonquils	3.00 @ 4.00

Pittsburgh, Jan. 24, 1912.

	Per doz.
Beauty, Specials	$5.00 @ $6.00
" Fancy	4.00
" Medium	2.00
" Short	1.00

	Per 100
Killarney	$ 4.00 @ $12.00
White Killarney	4.00 @ 12.00
Richmond	6.00 @ 20.00
My Maryland	4.00 @ 12.00
Carnations	2.00 @ 4.00
Cattleyas	60.00 @ 75.00
Oncidiums	4.00 @ 8.00
Valley	3.00 @ 4.00
Lilies	10.00 @ 12.00
Violets, double	.75 @ 1.00
Daisies	2.00
Paper Whites	3.00
Sweet Peas	.75 @ 1.25
Lilac.....per bunch, $1.00 @ $1.50	
Baby Primroses	.15
Mignonette	3.00 @ 4.00

Cincinnati, Jan. 24, 1912.

	Per doz.
Beauty, Extra	$3.00 @ $6.00
" No. 1	3.00
" No. 2	1.00 @ 1.50

	Per 100
Killarney	$ 4.00 @ $ 6.00
Richmond	4.00 @ 6.00
Bride	4.00 @ 6.00
Carnations	2.00 @ 3.00
Lilium Harrisii	10.00 @ 15.00
Lily of the Valley	3.00 @ 4.00
Cattleyas	60.00
Violets	.50 @ 1.00
Narcissi	3.00
Stevia.....bunch, 35c	
Sweet Peas	1.00 @ 2.00
Roman Hyacinths	3.00

J. A. BUDLONG
82-86 E. Randolph Street, CHICAGO.
ROSES, VALLEY and CARNATIONS A Specialty
WHOLESALE GROWER of CUT FLOWERS

Vaughan & Sperry
WHOLESALE FLORISTS
159 North Wabash Avenue, Chicago
Write for Special Prices.

ZECH & MANN
Wholesale Growers and Shippers of
CUT FLOWERS
162 N. Wabash Avenue, CHICAGO
Room 218. L. D. Phone, 3284 Central.

WIETOR BROS.
Wholesale Growers of... Cut Flowers
All telegraph and telephone orders given prompt attention.
162 N. Wabash Ave., CHICAGO

GEO. REINBERG
Wholesale Grower of Cut Flowers
CHOICE AMERICAN BEAUTIES
We will take care of your orders at reasonable prices. Prompt attention.
162 N. Wabash Avenue, CHICAGO, ILL.

John Kruchten
Wholesale Cut Flowers
162 N. Wabash Ave., CHICAGO
ROSES and CARNATIONS
Our Specialties.

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Store, 162 N. Wabash Avenue, Chicago
Long Distance Phone, Randolph 2758.

E. G. GILLETT
WHOLESALE FLORIST
All Cut Flowers in Season Consignments Solicited
Manufacturer of Florists' Wire Work
131 E. Third Ave. CINCINNATI, O.

Louis H. Kyrk
WHOLESALE COMMISSION FLORIST
Consignments Solicited
Cut Flowers, Wire Work, Florist Supplies
110-112 E. 3d St., CINCINNATI, OHIO

The J. M. McCullough's Sons Co.
WHOLESALE COMMISSION FLORISTS
CONSIGNMENTS SOLICITED
Special attention given to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. :: :: Price lists on application.
Phone Main 584. 316 Walnut St., Cincinnati, O.

Hoffmeister Floral Co.
Lickrun, Cincinnati, Ohio
Wholesale Growers of
Easter Lilies, Ferns and Decorative Greens
Write for prices.
Telephone WEST 562.

The Cleveland Florists' Exchange
606 Huron Road, Cleveland, Ohio
Wholesale Commission Florists, Importers, Jobbers and Manufacturers of Florists' Supplies and Novelties.
Send us your list for prices. All seasonable flowers. Consignments of good stock solicited.

GUST. RUSCH & CO.
WHOLESALE FLORISTS
448 Milwaukee St., MILWAUKEE, WIS.
Cut Flowers and Florists' Supplies.

H. E. FROMENT
WHOLESALE COMMISSION FLORIST
Receiver and Shipper of All Varieties of Cut Flowers
Telephones 2200 and 2201 Madison Square
57 West 28th Street NEW YORK

Moore, Hentz & Nash
Wholesale Florists...
55-57 W. 26th St., NEW YORK CITY
Telephone 756 Madison Square

WALTER F. SHERIDAN
Wholesale Florist
131-133 West 28th St., NEW YORK
Telephones 3532-3533 Madison Sq.
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HEADQUARTERS FOR NOVELTIES
ORCHIDS A SPECIALTY
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND
GARDENIAS, DAISIES, ROSES AND CARNATIONS
JAMES McMANUS, 55 W. 28th St., New York

J. J. FELLOURIS
Wholesale and Retail Dealer in ALL KINDS OF
EVERGREENS
Phone 2315 Madison Sq.
Fancy and Dagger Ferns
Bronze and Green Galax
116 W. 28th Street, NEW YORK

BADGLEY, RIEDEL & MEYER, Inc.
...Wholesale Florists...
34 West 28th Street, NEW YORK CITY
Phones 1664-1665 Madison Square
Consignments Solicited

A. MOLTZ & CO.
Wholesale Florists
55-57 W. 26th St., NEW YORK
Coogan Building
Phones 617-618 Madison Square
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WILLIAM KESSLER
Wholesale Plantsman and Florist
Plants and Cut Fowers of every variety.
HEADQUARTERS For The Beautiful DREYERII FERN
Ready for delivery now. Price, 2½-in. pots, $25.00 per 100; $200.00 per 1000.
113 West 28th St., Telephone 2336 Madison Sq. NEW YORK

ARTIFICIAL CAPE FLOWERS
All colors. Wired ready for use, waterproof, more advantageous than natural Capes. Samples on request. Also a full line of Crepe Roses, Chrysanthemums, Callas, Easter Lilies, Orchids, Acacias, Violets, Sweet Peas, Valley, Carnations, etc., natural prepared Adiantum, Sea Moss, Metal Wreaths, Crosses, etc., and everything in the Florists' Supply Line.
A. HERRMANN, 404-412 East 34th Street, NEW YORK CITY
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Wilson Plant Oil & Fertilizer Company
290 No. Broad St., ELIZABETH, N. J.
Horticultural Supplies
Write for our special Catalogue.
Mention The Review when you write.

Gold Letters
Gold and Purple Scripts.
Gummed gold, silver and purple letters, for inscriptions on floral designs. Best and cheapest on the market. Send for samples and prices.
J. LICHTENBERGER, 1564 Avenue A, NEW YORK
Telephone Lenox 5644.
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We Are 'Way Ahead
of last year in the volume of our collection business; but we can do still more. Do not wait, but send us all your back accounts now. Rates and methods on application.
NATIONAL FLORISTS' BOARD OF TRADE
56 Pine St., NEW YORK
Mention The Review when you write.

RICE BROTHERS
Wholesalers of Cut Flowers and Florists' Supplies
MINNEAPOLIS, - MINN.
Mention The Review when you write.

UNITED STATES CUT FLOWER CO.
Wholesale Florists
ELMIRA, NEW YORK
Mention The Review when you write.

Wholesale Cut Flower Prices.

New York, Jan. 22, 1912.

	Per 100
Beauty, Specials	$40.00 @ $75.00
" Fancy	30.00 @ 40.00
" Extra	20.00 @ 30.00
" No. 1	8.00 @ 15.00
" No. 2	4.00 @ 6.00
Bride and Maid	2.00 @ 8.00
Killarney	2.00 @ 10.00
My Maryland	2.00 @ 10.00
Richmond	2.00 @ 12.00
Chatenay	2.00 @ 12.00
Jardine	2.00 @ 12.00
Prince de Bulgarie	4.00 @ 12.00
Lady Hillingdon	4.00 @ 15.00
Orchids	30.00 @ 60.00
Cypripediums	10.00 @ 12.00
Carnations	1.00 @ 3.00
Easter Lilies	6.00 @ 8.00
Lily of the Valley	1.00 @ 3.00
Gardenias...per doz., $0.50 @ $3.00	
Violets	.35 @ .60
Daisies	.25 @ 1.50
Hyacinths	.50 @ 1.00
Sweet Peas, doz. bches., $0.75-$1.50	
Narcissi .....bunch, .15- .25	
Callas..... per doz., 1.00- 1.50	
Lilac .....per bunch, .75- 1.00	
Mignonette....per doz., .25- .75	
Freesia.....per bunch, .15- .25	
Daffodils	1.50 @ 2.50
Tulips	1.00 @ 3.00
Pansies	1.00 @ 1.25

Cut out our ads for cinerarias and stevias, as we are completely sold out.—M. S. Wiecking Co., Bluffton, Ind.

B. S. SLINN, Jr.
WHOLESALE FLORIST
55 and 57 W. 26th St., NEW YORK CITY
Phones 4620, 4621 Madison Square
VIOLETS Roses and Carnations
Mention The Review when you write.

Reed & Keller
122 W. 25th St., New York
FLORISTS' SUPPLIES
We manufacture all our Metal Designs, Baskets, Wire Work and Novelties.

BONNOT BROS.
WHOLESALE FLORISTS
55 and 57 W. 26th Street, Cut Flower Exchange, NEW YORK
OPEN ALL DAY
An Unexcelled Outlet for CONSIGNED FLOWERS
Telephone No. 830 Madison Sq.
Mention The Review when you write.

O. Y. Mellis, Pres. Robert G. Wilson, Treas
Greater New York Florist Association, Inc.
Wholesale Commission Dealers in Cut Flowers and Supplies
162 Livingston St., Brooklyn, N. Y.
GEORGE W. CRAWBUCK, Manager.
Mention The Review when you write.

WOODROW & MARKETOS
Wholesale Plantsmen and Florists
41 West 28th Street, NEW YORK
Telephone 3860 Mad. Sq.
Mention The Review when you write.

HENRY R. CRAWBUCK
270 Pearl St., BROOKLYN, N. Y.
Wild Smilax, Galax, Ferns, Palms, Leaves, etc.
Telephone 4831 Main.

Established 1887

J. K. ALLEN

Fine assortment of All Cut Flowers, Roses, Carnations, Orchids, Valley, Violets, Narcissi, Hyacinths, etc. Oldest Reliable Cut Flower Business in New York. Open every morning at 6 o'clock.

WHOLESALE COMMISSION DEALER IN CUT FLOWERS

106 W. 28th St., New York Near Hudson Tubes Phones {4489 / 187} Madison Sq.

Charles Millang WHOLESALE FLORIST

Ground Floor of the Coogan Building, NEW YORK CITY

45 and 57 West 28th Street 6 a. m. to 6 p. m. every day in the year

Headquarters for Violets

Most convenient store for customers in the city. Tel. 7062 Madison.

Consignments Solicited The Highest Values Guaranteed

M. C. FORD, 121 W. 28th Street, Tel. 3870-3871 Madison Square **New York**

Successor to Ford Bros.

The largest Shipper and Receiver of **Fresh Cut Flowers**

☞ A complete assortment of the best in the market can always be relied upon.

The Greek American Florist Supply House

GEORGE COTSONAS & CO.



Wholesale and Retail Dealers in all kinds of

EVERGREENS

Fancy and Dagger Ferns, Galax, Brown and Green

127 W. 28th St., NEW YORK CITY

Leucothoe Sprays, Princess Pine, Holly, Southern Wild Smilax. Telephone 1202 Madison



FRANK H. TRAENDLY CHARLES SCHENCK

TRAENDLY & SCHENCK

Wholesale Florists and Cut Flower Exchange

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Telephones 798 and 799 Madison Square CONSIGNMENTS SOLICITED

BONNET & BLAKE WHOLESALE FLORISTS

130 Livingston Street, Tel. Nos. 1293-1294 Main Brooklyn, N. Y.

THE BUSY BEES

Headquarters for all kinds of top-grade stock, from the BEST Eastern growers.

Established 1903 Prompt Payments

SIEBRECHT & S.EBRECHT

S&S

186 WEST 28TH STREET NEW YORK

WHOLESALE FLORISTS

Orchids, Gardenias, Violets, Lily of the Valley, etc.

PAUL MECONI

Wholesale Florist, 57 West 26th Street NEW YORK CITY

MY SPECIALTIES:

Orchids, Gardenias and Violets.

Telephone No. 3864 Madison Square.

THE KERVAN CO.

119 W. 28th Street, NEW YORK

WHOLESALE

All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Greens. Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

Mention The Review when you write.

GROWERS' CUT FLOWER CO.

Cut Flowers at Wholesale

J. J. COAN, Manager Consignments Solicited

111 West 28th Street, Telephone Madison Square. NEW YORK

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A. L. YOUNG & CO., WHOLESALE FLORISTS

54 West 28th St., Tel. 3559 Madison Square, NEW YORK

☞ Consignments of Choice Cut Flowers solicited. Prompt payments. Give us a trial.

Mention The Review when you write.

1888 **GUNTHER BROS.** 1911

Wholesale Florists

110 West 28th Street, Tel. 551 Madison Square, **New York**

Consignments solicited of

FRESH CUT FLOWERS

Always Mention the...

FLORISTS' REVIEW

When Writing Advertisers

N. LECAKES & CO.

58 W. 28th St., NEW YORK

Tel. No. 1415-1416 Madison Square



Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street, and 34th Street Cut Flower Market.



SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.

Green and Bronze Galax Leaves.

P. J. SMITH

Successor to John I. Raynor. Wholesale commission florist. Selling agent for largest growers. A full line of choice Cut Flower Stock for all purposes by the 100, 1000 or 10,000. Consignments solicited. Telephone 1998 Madison Square.

The Home of the Lily

49 WEST 28th ST., NEW YORK CITY

Mention The Review when you write.

RUSSIN & HANFLING

Office and Salesroom

114 West 28th Street, NEW YORK CITY

Tel. 3053 Madison Sq.

Manufacturers and Importers of

WILLOW AND FANCY BASKETS FOR FLORISTS

Dealers in Florists' Supplies

☞ Our Specialties, Wheat Sheaves and Baskets.

Mention The Review when you write.

WILLIAM H. KUEBLER

Wholesale Commission Dealer in

CUT FLOWERS

Room for the products of growers of first-class stock. We have what you want when you want it.

28 Willoughby St., Brooklyn, N. Y.

TEL. 4591 MAIN

Mention The Review when you write.

ROSES AND CARNATIONS

Extra Fine—Fancy Ferns

Detroit Cut Flower Supply House

Wholesale Commission Florist H. V. PEARCE, Pres.

6 Adams Ave. W., Detroit, Mich.

Consignments solicited

Mention The Review when you write.

George Saltford

WHOLESALE FLORIST

129 West 28th Street, Tel. No. [illegible] Mad. Sq. New York City

We have room for a few more good growers. Prompt payments and fair prices.

Mention The Review when you write.

PACIFIC COAST.

Subscribers on the Pacific coast should not fail to note that their special department of The Review has grown until it now occupies four pages. Give us a boost and the Pacific Coast Department will keep right on growing.

Seattle, Wash.—Rosaia Bros. are planning to put up four new greenhouses, each 28x200.

Aptos, Cal.—Peter Hauer has a fine lot of yearling apple trees in his nursery in Pleasant Valley.

Centralia, Wash.—For the first time in the history of this town a florist's delivery wagon has been seen on the streets. It belongs to C. D. Doncaster, of the Floral View Greenhouses.

Santa Cruz, Cal.—W. E. King was married January 11. Theo. A. Butterworth has secured a large vacant space on the main business street and is filling it with nursery stock for sale. J. P. Parker cut a good crop of orchids for the holidays, including one spike of cattleya with eleven flowers.

Orenco, Ore.—Fifty residents of this town and employees of the Oregon Nursery Co. have organized a club for the study of horticulture. John A. McGee was elected president and Roy A. McDowell secretary. At the first meeting an address on a horticultural theme was delivered by Frank W. Power, secretary of the Oregon State Horticultural Society.

SAN DIEGO, CAL.

The San Diego Floral Co. opened a store January 1, at 1014 Fifth street.

Winter trade is increasing so rapidly that first-class stock is at a premium.

Lanier Bros. report that their trade since opening at 1321 C street December 1 has far exceeded what they expected. K.

PORTLAND, ORE.

The Market.

With the passing of the cold and snowy weather, business has taken a decided change for the better, and the death of several of the city's prominent people increased demand for funeral work. Flowers of all varieties are plentiful, carnations being the best sellers for all occasions. Roses also are in heavy crop; White Killarney especially is doing itself justice this season.

Spring flowers are in greater variety and always move well. Indications point to an early spring.

Various Notes.

A. H. Hammer, formerly of Smyth's, Chicago, is visiting friends in this city. He is a recent graduate of Northwestern College of Medicine and expects to remain in Portland to practice his profession.

J. J. Karins, of Philadelphia, and James Forbes crossed sticks in a pool tournament of thirty-six games a few days ago; result, Karins 520, Forbes 472. This is an annual event and, needless to say, the game was played strictly on its merits; the attention of Messrs. Ringier and Fotheringham is called to this fact.

E. W. McLellan, of San Francisco, is in town to look over the market conditions. E. R. C.

SAN FRANCISCO, CAL.

The Market.

The weather has turned mild again and we are getting a taste of spring somewhat in advance of the scheduled time. Rain is not up to the required quantity, and unless we have a downpour soon, the season of 1911-1912 will do down in history as a "dry year." While this does not affect the retailers as directly as it does those more interested in the plant trade, it gives a general feeling of danger to everyone that is daily evidenced in decreased sales along all lines.

Flowers are becoming cheaper and of slightly better quality as the time progresses, and, with the influx of considerable lots of outside bulbous stock, it will be but a short while until the store windows assume their springtime appearance. Roses show the largest gain in quality and quantity, and we can look for plenty of fancy cuts from this time onward for several months. Carnations, although slightly higher than they were one year ago, are also showing a tendency to drop in price. Valley has been well used up for several weeks, and the same can be said of all kinds of white stock. Funeral orders have been brisk at most of the stores, and these, together with a fair number of wedding decorations, have brought the first weeks of the new year up to the standard. Mums are practically over and we shall see no more of them until next fall. Violets are in their prime and are used in enormous quantities by all the stores as well as by the street vendors.

Other lines of stock show no material change except a general tendency to larger quantities and a downward tendency in price.

Various Notes.

Two new stores have made their appearance in town. The Schwartzwald Co. has opened on Devisadero street near Page street, and the Violet Floral Co. has started in the retail trade on Devisadero street near the corner of McAllister street.

The Pacific Orchid Co., of Alameda, is cutting heavily of cattleyas at this time. This company will erect two new houses, each 25x75 feet, during the coming spring.

Thomas Domoto, of Domoto Bros., Elmhurst, was held up and robbed by three men on the evening of January 13, within a block of his nursery. He was

Direct Importations---Tree Fern Stems

Due to arrive in the early spring of 1912.
The grandest and most graceful of all decorative plants.

Alsophila robusta, Dicksonia Antarctica, Dicksonia squarrosa, Cyathea medullaris, Cyathea dealbata, Cyathea Smithii Cyathea Cunninghami.

All sizes from three feet up.

We will also receive specimen plants of Platyceriums and Todeas,

Prices and particulars on application.

MacRORIE-McLAREN COMPANY

711-714 Westbank Bldg., SAN FRANCISCO, CAL. Nurseries, SAN MATEO, CAL.

Mention The Review when you write.

Los Angeles Flower Market

CHAS. E. MORTON, Mgr. 414½ S. Broadway, Los Angeles, Cal.

The best equipped wholesale house on the Pacific Coast. Handling the entire cut from eighteen large growers. Roses, Carnations, Violets, Plumosus, Ferns, Smilax, in fact everything in season.

FLORISTS' SUPPLIES

Write, telegraph or telephone your orders. Prompt attention given.

Mention The Review when you write

Rooted Carnation Cuttings READY NOW

	Per 100	1000		Per 100	1000
Enchantress	$2.00	$18.00	Winsor	$2.00	$18.00
R. P. Enchantress	2.00	18.00	Winona	2.00	18.00
Pure White Enchantress	2.25	20.00	Beacon	2.00	18.00
Dorothy Gordon	3.00	25.00	Victory	2.00	18.00
Pink Delight	3.00	25.00	Eldorado	2.00	18.00

Express prepaid on orders amounting to $10.00 or more.

BASSETT'S FLORAL GARDENS, B. S. BASSETT, Proprietor **LOOMIS, CAL.**

Mention The Review when you write.

Asparagus Plumosus and Sprengeri

Out of 2-inch pots, $3.00 per 100.

Phoenix Canariensis, out of 2½-inch pots, $5.00 per 100.

Washingtonia Sonorae, out of 2-inch pots, $5.00 per 100.

H. KEMPF, Pacific Nursery

3041 Baker St., SAN FRANCISCO, CAL.

Mention The Review when you write.

returning from San Francisco from a collecting trip, which fact must have been known to the thugs. He was badly beaten and some loose silver taken from his pocket, but in their hurry they overlooked a sack containing over $200 in gold. G.

WHERE IT ALWAYS IS SUMMER.

The average florist would not look with favor upon a suggestion that it be summer all the year around, but at San Diego, in far southern California, it never is winter and still the florists do a fine business. A San Diego store is shown in the accompanying illustration, which is made from a photograph of the new home of Lanier Bros., opened December 1, at 1321 C street. The view is from the street, through the show window. The store is in charge of Van M. Zimmerman, who has had several years of experience with the Chicago retailers.

PASADENA, CAL.

The Market.

Business has been quiet since the holidays, but a better tone has been noted during the last few days. Retailers say the orders in advance are good, but nurserymen and seedsmen say the dry weather has, in some measure, checked business.

Various Notes.

The Park Hill Floral Co. has opened a retail stand at 24 East Colorado street.

The Orchid, the store at 13 East Colorado street, is living up to its name. On the day I called, Mr. Jaeger had an order for a luncheon party in which 100 cattleyas were used for table decoration, and both he and his partner, L. F. Wolfskill, have been kept busy. A fine line of stock is carried here, especially in roses.

Miss F. M. Hudson is now well established in her new store at the Business Arcade, annexed to Hotel Green, and says she is well satisfied with the change.

Stock is in fine order at Thomas Chisholm's place. Mr. Chisholm will erect more glass this season.

The Ross Nursery is getting down to



New Store of Lanier Bros., San Diego, Cal.

CARNATION CUTTINGS

ROOTED OR UNROOTED.

	100	1,000	Unrooted 1,000
Enchantress	$2.50	$20.00	$10.00
R. P. Enchantress	2.00	18.00	10.00
White Enchantress	2.50	20.00	10.00
Washington	6.00	50.00	37.50
Pink Delight	3.00	25.00	....
White Wonder	6.00	50.00	37.50
Princess Charming	6.00	50.00	37.50
Dorothy Gordon	3.00	25.00	12.50
White Perfection	2.50	20.00	10.00
Beacon	2.00	17.50	10.00
Victory	2.00	17.50	10.00
Harlowarden	1.75	15.00	8.00
Alma Ward	2.50	22.50	11.50
Admiration	2.00	18.00	9.00

Twenty-five or more at 100 rate, 250 at 1000 rate. We prepay on orders amounting to $10.00 or more for rooted cuttings. All orders for unrooted cuttings F. O. B. Loomis.

LOOMIS CARNATION CO., D. F. RODDAN & SON, Props. **Loomis, Placer Co., Cal.**

Mention The Review when you write.

Rooted Carnation Cuttings

Immediate Delivery

	100	1000		100	1000
Rose-pink Enchantress	$2.00	$18.00	Eldorado	$1.80	$17.00
Enchantress	1.80	17.00	Victory	1.80	17.00
W. Enchantress	2.00	18.00	Winona	1.70	16.00
Beacon	1.80	17.00	W. Perfection	2.50	20.00
Harlowarden	1.70	16.00	O. P. Bassett	2.50	20.00
White Lawson	1.80	17.00	Winsor	2.00	18.00

All heel cuttings and well rooted. **FALLEN LEAF GREENHOUSES, Roseville, Cal.**

Mention The Review when you write.

SHASTA DAISIES

Alaska, California and **Westralia,** extra strong field divisions, $24.00 per 1000; $2.50 per 100.

Cyclamen Persicum Giganteum, 3, 4 and 5-in. pots, $7.00, $12.00 and $20.00 per 100. Fine bushy plants, well budded.

Asparagus Plumosus, 3-in., $5.00 per 100.

Asparagus Sprengeri, 3, 4 and 5-in. pots, $5.00, $8.00 and $15.00 per 100.

Also **Shasta Daisy, Pentstemon Hybridum Grandiflorum, Delphinium Hybridum** and other choice seeds. Send for list.

Cash, please.

FRED GROHE, Santa Rosa, Cal.

R. D. 4.

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Selling out all nursery stock except Kentias. **Areca Sapida,** potted, 2, 2½, 3, 3½, 4, 4½, 5, 5½-feet, at $1.20, $1.40, $1.80, $2.30, $2.90, $3.50, $4.20, $4.80 each. **Phoenix Canariensis,** balled and ready for shipment, 3, 3½, 4, 4½, 5, 5½-feet, at 60c, 80c $1.00, $1.20, $1.45, $1.75 each. **Phoenix Can.,** from 2½-inch, $5.00 per 100. **Washingtonia Rob.,** from 2-inch, $4.50 per 100. **Cocos Plumosa,** balled, 3, 4, 5, 6, 7 feet, at $1.00 $2.00, $3.00, $4.50, $6.00 each.

Write for special prices on carload orders.

Kentia Nurseries, - Santa Barbara, Cal.

Mention The Review when you write.

CARNATIONS

ROOTED CUTTINGS

Enchantress, R. P. Enchantress, Winsor, O. P. Bassett, Victory, May Day, Boston Market, Eldorado, Harlowarden, Flora Hill, $18.00 per 1000.

Pink Delight, $25.00 per 1000.

El Durasno Flower Co., Newcastle, Cal.

L. A. SMITH, Manager

Mention The Review when you write.

PALMS PALMS PALMS PALMS PALMS

WASHINGTONIA ROBUSTA

1, 1½, 2, 2½, 3 and 3½ ft., at 25c, 30c, 40c, 45c, 55c and 75c each (balled plants). Ask for our Wholesale Palm List of all kinds of Palms (Cocos, Phoenix, Seaforthia, etc.) State quantity wanted.

EXOTIC NURSERIES, Santa Barbara, Cal.

PALMS PALMS

Mention The Review when you write.

50,000 PANSY PLANTS

of the best mixtures known, stocky plants, ready to transplant now.....50c 100; $3.00 1000. Cash, please.

F. G. EHLE, 224 Sanborn Ave. SAN JOSE, CAL.

Mention The Review when you write.

PACIFIC COAST.

Subscribers on the Pacific coast should not fail to note that their special department of The Review has grown until it now occupies four pages. Give us a boost and the Pacific Coast Department will keep right on growing.

Seattle, Wash.—Rosaia Bros. are planning to put up four new greenhouses, each 28x200.

Aptos, Cal.—Peter Hauer has a fine lot of yearling apple trees in his nursery in Pleasant Valley.

Centralia, Wash.—For the first time in the history of this town a florist's delivery wagon has been seen on the streets. It belongs to C. D. Doncaster, of the Floral View Greenhouses.

Santa Cruz, Cal.—W. E. King was married January 11. Theo. A. Butterworth has secured a large vacant space on the main business street and is filling it with nursery stock for sale. J. P. Parker cut a good crop of orchids for the holidays, including one spike of cattleya with eleven flowers.

Orenco, Ore.—Fifty residents of this town and employees of the Oregon Nursery Co. have organized a club for the study of horticulture. John A. McGee was elected president and Roy A. McDowell secretary. At the first meeting an address on a horticultural theme was delivered by Frank W. Power, secretary of the Oregon State Horticultural Society.

SAN DIEGO, CAL.

The San Diego Floral Co. opened a store January 1, at 1014 Fifth street.

Winter trade is increasing so rapidly that first-class stock is at a premium.

Lanier Bros. report that their trade since opening at 1321 C street December 1 has far exceeded what they expected. K.

PORTLAND, ORE.

The Market.

With the passing of the cold and snowy weather, business has taken a decided change for the better, and the death of several of the city's prominent people increased demand for funeral work. Flowers of all varieties are plentiful, carnations being the best sellers for all occasions. Roses also are in heavy crop; White Killarney especially is doing itself justice this season.

Spring flowers are in greater variety and always move well. Indications point to an early spring.

Various Notes.

A. H. Hammer, formerly of Smyth's, Chicago, is visiting friends in this city. He is a recent graduate of Northwestern College of Medicine and expects to remain in Portland to practice his profession.

J. J. Karins, of Philadelphia, and James Forbes crossed sticks in a pool tournament of thirty-six games a few days ago; result, Karins 520, Forbes 472. This is an annual event and, needless to say, the game was played strictly on its merits; the attention of Messrs. Ringier and Fotheringham is called to this fact.

E. W. McLellan, of San Francisco, is in town to look over the market conditions. E. R. C.

SAN FRANCISCO, CAL.

The Market.

The weather has turned mild again and we are getting a taste of spring somewhat in advance of the scheduled time. Rain is not up to the required quantity, and unless we have a downpour soon, the season of 1911-1912 will do down in history as a "dry year." While this does not affect the retailers as directly as it does those more interested in the plant trade, it gives a general feeling of danger to everyone that is daily evidenced in decreased sales along all lines.

Flowers are becoming cheaper and of slightly better quality as the time progresses, and, with the influx of considerable lots of outside bulbous stock, it will be but a short while until the store windows assume their springtime appearance. Roses show the largest gain in quality and quantity, and we can look for plenty of fancy cuts from this time onward for several months. Carnations, although slightly higher than they were one year ago, are also showing a tendency to drop in price. Valley has been well used up for several weeks, and the same can be said of all kinds of white stock. Funeral orders have been brisk at most of the stores, and these, together with a fair number of wedding decorations, have brought the first weeks of the new year up to the standard. Mums are practically over and we shall see no more of them until next fall. Violets are in their prime and are used in enormous quantities by all the stores as well as by the street vendors.

Other lines of stock show no material change except a general tendency to larger quantities and a downward tendency in price.

Various Notes.

Two new stores have made their appearance in town. The Schwartzwald Co. has opened on Devisadero street near Page street, and the Violet Floral Co. has started in the retail trade on Devisadero street near the corner of McAllister street.

The Pacific Orchid Co., of Alameda, is cutting heavily of cattleyas at this time. This company will erect two new houses, each 25x75 feet, during the coming spring.

Thomas Domoto, of Domoto Bros., Elmhurst, was held up and robbed by three men on the evening of January 13, within a block of his nursery. He was

Direct Importations---Tree Fern Stems

Due to arrive in the early spring of 1912.

The grandest and most graceful of all decorative plants.

Alsophila robusta, Dicksonia Antarctica, Dicksonia squarrosa, Cyathea medullaris, Cyathea dealbata, Cyathea Smithii Cyathea Cunninghami.

All sizes from three feet up.

We will also receive specimen plants of Platyceriums and Todeas,

Prices and particulars on application.

MacRORIE-McLAREN COMPANY

711-714 Westbank Bldg., SAN FRANCISCO, CAL. Nurseries, SAN MATEO, CAL.

Mention The Review when you write.

Los Angeles Flower Market

CHAS. E. MORTON, Mgr. **414½ S. Broadway, Los Angeles, Cal.**

The best equipped wholesale house on the Pacific Coast. Handling the entire cut from eighteen large growers. Roses, Carnations, Violets, Plumosus, Ferns, Smilax, in fact everything in season.

FLORISTS' SUPPLIES

Write, telegraph or telephone your orders. Prompt attention given.

Mention The Review when you write

Rooted Carnation Cuttings READY NOW

	Per 100	1000		Per 100	1000
Enchantress	$2.00	$18.00	Winsor	$2.00	$18.00
R. P. Enchantress	2.00	18.00	Winona	2.00	18.00
Pure White Enchantress	2.25	20.00	Beacon	2.00	18.00
Dorothy Gordon	3.00	25.00	Victory	2.00	18.00
Pink Delight	3.00	25.00	Eldorado	2.00	18.00

Express prepaid on orders amounting to $10.00 or more.

BASSETT'S FLORAL GARDENS, B. S. BASSETT, Proprietor **LOOMIS, CAL.**

Mention The Review when you write

Asparagus Plumosus and Sprengeri

Out of 2-inch pots, $3.00 per 100.

Phoenix Canariensis, out of 2½-inch pots, $5.00 per 100.

Washingtonia Sonorae, out of 2-inch pots, $5.00 per 100.

H. KEMPF, Pacific Nursery

3041 Baker St., SAN FRANCISCO, CAL.

Mention The Review when you write.

returning from San Francisco from a collecting trip, which fact must have been known to the thugs. He was badly beaten and some loose silver taken from his pocket, but in their hurry they overlooked a sack containing over $200 in gold. G.

WHERE IT ALWAYS IS SUMMER.

The average florist would not look with favor upon a suggestion that it be summer all the year around, but at San Diego, in far southern California, it never is winter and still the florists do a fine business. A San Diego store is shown in the accompanying illustration, which is made from a photograph of the new home of Lanier Bros., opened December 1, at 1321 C street. The view is from the street, through the show window. The store is in charge of Van M. Zimmerman, who has had several years of experience with the Chicago retailers.

PASADENA, CAL.

The Market.

Business has been quiet since the holidays, but a better tone has been noted during the last few days. Retailers say the orders in advance are good, but nurserymen and seedsmen say the dry weather has, in some measure, checked business.

Various Notes.

The Park Hill Floral Co. has opened a retail stand at 24 East Colorado street.

The Orchid, the store at 13 East Colorado street, is living up to its name. On the day I called, Mr. Jaeger had an order for a luncheon party in which 100 cattleyas were used for table decoration, and both he and his partner, L. F. Wolfskill, have been kept busy. A fine line of stock is carried here, especially in roses.

Miss F. M. Hudson is now well established in her new store at the Business Arcade, annexed to Hotel Green, and says she is well satisfied with the change.

Stock is in fine order at Thomas Chisholm's place. Mr. Chisholm will erect more glass this season.

The Ross Nursery is getting down to



New Store of Lanier Bros., San Diego, Cal.

CARNATION CUTTINGS

ROOTED OR UNROOTED.

	100	1,000	Unrooted 1,000
Enchantress	$2.50	$20.00	$10.00
R. P. Enchantress	2.00	18.00	10.00
White Enchantress	2.50	20.00	10.00
Washington	6.00	50.00	37.50
Pink Delight	3.00	25.00	....
White Wonder	6.00	50.00	37.50
Princess Charming	6.00	50.00	37.50
Dorothy Gordon	3.00	25.00	12.50
White Perfection	2.50	20.00	10.00
Beacon	2.00	17.50	10.00
Victory	2.00	17.50	10.00
Harlowarden	1.75	15.00	8.00
Alma Ward	2.50	22.50	11.50
Admiration	2.00	18.00	9.00

Twenty-five or more at 100 rate, 250 at 1000 rate. We prepay on orders amounting to $10.00 or more for rooted cuttings. All orders for unrooted cuttings F. O. B. Loomis

LOOMIS CARNATION CO., D. F. RODDAN & SON, Props. **Loomis, Placer Co., Cal.**

Mention The Review when you write.

Rooted Carnation Cuttings

Immediate Delivery

	100	1000		100	1000
Rose-pink Enchantress	$2.00	$18.00	Eldorado	$1.80	$17.00
Enchantress	1.80	17.00	Victory	1.80	17.00
W. Enchantress	2.00	18.00	Winona	1.70	16.00
Beacon	1.80	17.00	W. Perfection	2.50	20.00
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Cash, please.

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of the best mixtures known, stocky plants, ready to transplant now.....50c 100; $3.00 1000. Cash, please.

F. G. EHLE, 224 Sanborn Ave. SAN JOSE, CAL.

Mention The Review when you write.

business at the new place on Catalina avenue. A new lath house is being added.

Charles Miller is going to put up more glass at Catalina avenue.

A visit to the Coolidge Rare Plant Gardens is always of interest, and most of the stock has come through the recent cold snap in good condition. The feijoa is largely grown here, and Mr. Coolidge thinks highly of its future as a commercial fruit.

H. R. Richards.

LOS ANGELES, CAL.

The Market.

Continued dry weather prevails, but by consistent irrigation the outdoor flowers keep up a good display. Sweet peas are greatly improved in quality and the pinks and mauves are now good, though short in stem. Whites are not quite so good, but their place is taken to some extent by a fine variety of stocks. The purple stocks are also showy and clear in color. Violets are plentiful and there are also plenty of centaureas in various colors. The new white marguerite, Mrs. F. Sander, has made its appearance from outdoor plants and is useful for filling in the best class of funeral work. There is a bright future before this pretty flower, as it thrives so well outside and is in bloom practically all the year around. Carnations are also good and the demand keeps up well.

In bulbous stock there are still plenty of Paper White narcissi, while the Chinese and other varieties are now plentiful. There are days when everything sells out and prices mount a little, but as a rule there is plenty for all.

Of indoor stock, roses are now about equal to the demand and some of the finest Bridesmaid seen for years are shipped here from San Francisco. The growers at the northern city help us out with indoor roses, orchids and valley, while outdoor stock of good quality is shipped from us to them. Cattleyas are not of the best quality just now, but there are plenty of them, both local and from the north. There is a spirited demand for the best greens, especially smilax in long strings, and the supply is about equal to it.

Various Notes.

Walter Armacost & Co., of Ocean Park, are erecting two greenhouses at their place at Sawtelle. Mr. Armacost reports business good at the retail store in the Auditorium building.

Mrs. D. T. McDonald has bought out the business of the Pacific Nursery, at 3400 Central avenue, which was carried on for years by the Mosteller brothers.

Louis Truxler, of the University Nursery, has returned from a three weeks' trip to old Mexico.

Business is keeping up well at the Los Angeles Flower Market. Carnations, good roses and bulbous stock are the principal offerings in flowers, and greens are going well.

H. N. Gage Co. is showing magnificent stocks. The whites are pure and the purples clear and of fine substance. Both stocks and good smilax strings are being shipped by this firm to San Francisco. Primo, a pretty primrose-colored narcissus, sells well here, too; the odor is not so heavy nor the yellow color so decided as in the Chinese variety, and this makes it better for funeral work.

ASPARAGUS PLUMOSUS NANUS SEED

Season 1911—1912.

Ready NOW--our own grown new crop seed

In Lots of 1,000 ..... per 1000, $2.50
In Lots of 10,000 ..... per 1000, 2.00
In Lots of 20,000 ..... per 1000, 1.75
In Lots of 50,000 ..... per 1000, 1.50

Write for quotations on larger lots.

Los Angeles Flower Market, 414½ South Broadway LOS ANGELES, CAL.

Mention The Review when you write.

DO YOU KNOW that we are the largest, most up-to-date, oldest-established and best-equipped house handling

Cut Flowers, Greens and Florists' Supplies

in Southern California? Our stock is complete in all lines of baskets, ribbons, chiffons, immortelles, wire work, etc., as well as choice and fresh stock of choice cut flowers and greens in all varieties. **Your orders solicited for large or small quantities.**

ASPARAGUS SPRENGERI, new crop seeds, 50c per 1000; $3.00 per lb.

H. N. GAGE CO., Wholesale Florists and Supplies, 534 SOUTH BROADWAY, **LOS ANGELES, CAL.**

Mention The Review when you write.

KEEP YOUR EYE ON
DIETERICH & TURNER
Florists and Nurserymen
MONTEBELLO, CAL.
THE PROGRESSIVE FIRM

Mention The Review when you write.

MEXICAN IVY Best and Most Lasting Green

Prices f. o. b. Los Angeles or Santa Cruz, Cal.

Mexican Ivy	1000,	$5.00
Brake Ferns	1000,	2.50
Smilax Strings,	doz.,	1.50
Asp. Plumosus	doz.,	3.50
Huckleberry,	bunch,	.50

All Classes of Greens and Cut Flowers

Cash from unknown parties

Tassano Bros. 356 S. Hill St., 304 W. 9th St., Wholesale Florists LOS ANGELES, CAL.

Mention The Review when you write.

Dr. J. P. Parker, of Santa Cruz, who grows and ships fine cattleyas to this market, was a welcome visitor this week.

J. Norris & Son, at West Washington street, are showing remarkably fine bays and box trees in every conceivable shape and size. Some of the large bays are especially good.

Wm. A. Grosser, of 1406 Central avenue, is going to remodel his place, removing the old greenhouse at the front and replacing it with a modern structure that will be a great improvement. He will also build another rose house, 36x70 feet, along modern lines. His Richmond and other roses look well. His brother has now joined him in business.

President Payne, of the Los Angeles County Horticultural Society, has named a committee, consisting of A. A. Vermueller, L. Horner, J. J. Reeves, William Hertrich and A. Cook, to confer with the park commission as to the advisability of certain work now being carried on. This relates more especially to the cutting down of palms in Eastlake park. A prominent member of the society has been outspoken with reference to some of the existing abuses, and the work of eastern landscape men with no California experience or knowledge of local conditions has been severely criticised. While not wishing to form hasty conclusions, it certainly would appear that those in charge should think not only twice, but many times, before condemning fine palms that have taken many years to reach their present proportions. One of the greatest attractions in southern California is its subtropical vegetation and this should not be destroyed at the whim of anyone, especially anyone unacquainted with local conditions.

A serious fire occurred at the greenhouses of the Ingleside Floral Co., January 16. Leaking crude oil from the boiler, igniting in the pan below, was

STANDARD POTTERY CO.

652-4 S. Griffin Ave., Los Angeles, Cal.

West India Gardens, Altadena, Cal.

Standard Pottery Co., Dear Sirs:—You have now delivered us about 34,000 4-in. pots out of the order for 40,000 we placed with you. Same have been entirely satisfactory. As soon as you have completed the order for 40,000, deliver us two good loads more of 4-in. pots, or about 4000 or 5000, then hold till further advices. We shall probably want 5000 to 7000 more.

(Signed) F. O. Popenoe, President.

Flower Pots, Vases and Ornamental Ware For Florists' Use Only.

Mention The Review when you write.

HOWARD & SMITH

Ninth and Olive Sts., Los Angeles, Cal.

For all classes of

Ornamental and Flowering Plants

Roses a Leading Specialty

Nurseries cover nearly 100 acres.

Asparagus Sprengeri

Cut Sprays, 2 to 4 feet long,

$1.00 - per 100

Walter Armacost

OCEAN PARK :: CAL.

Mention The Review when you write.

the cause. Upwards of $350 damage was done.

Field-grown Ulrich Brunner roses, with stems thirty-six to forty inches long and absolutely perfect flowers, are not seen everywhere in January, but this is the grade that R. W. Saakes, the American Florist, is showing. They are splendid flowers in every particular.

Superb stock is being shown at the Angelus Flower Shop, where among the orchids are magnificent cattleyas and fine spikes of Oncidium tigrinum and Dendrobium superbum. Funeral work has been plentiful here; a pretty casket cover of lily of the valley and white roses was among the recent pieces. W. Wolters has been on a trip to San Francisco.

Wright's Flower Shop had the decorations at the recent Carpenter wedding, using Killarney roses, pink and white, in the house. The bride carried a shower of valley and the bridesmaids had baskets of pink roses. Harry Friend, of this store, gave a party to about a dozen of his friends January 16, which was greatly enjoyed by all.

The Hayward Floral Co. reports excellent business, especially in funeral work.

At The Roserie trade is keeping up splendidly and I was glad to hear that Mrs. Muller was improving in health.

Frank Lichtenberg has his hands full now at the store of Thee Florists. A big wedding decoration at Pasadena and the decorations at the opening of the new club room of the Foresters were among the recent jobs. Mrs. Lichtenberg now helps out at the store.

G. M. Creutz & Co. report city and shipping business good. A fine line of sweet peas is handled here, as well as choice indoor roses.

Jack D'Ortignac says he will open a flower stand in the hall of the Alexandria hotel shortly. H. R., Richards.

VENTURA, CAL.

M. J. Callahan says that he is well pleased with the way orders are coming in for aster seed. Previous to coming to Ventura Mr. Callahan was foreman for the Stuppy Floral Co., St. Joseph, Mo., for three years, and range foreman for the Poehlmann Bros. Co., Morton Grove, Ill., and Peter Reinberg, Chicago. Ventura is an ideal place for growing aster seed, the summers being pleasant and not hot.

SEATTLE, WASH.

The Market.

Carnations are now arriving in larger quantities and in better shape. Roses and bulbous stock are plentiful. Violets are selling freely. Valley is scarce, the supply generally being smaller than the demand. Trade is fairly brisk and the prices of all kinds of stock are fully up to the usual level for this time of year. The weather of the last week has been phenomenally mild; primroses and other spring flowers are blooming outdoors—rather a contrast to eastern weather.

Various Notes.

The Florists' Club will visit Tacoma this week. The bowlers are going along and hope to repeat their recent victory.

Risdon & Son are building a propagating house at their plant at Brighton.

CHRYSANTHEMUM STOCK PLANTS

WHITE	Per plant
Mrs. David Syme	$1.00

Other Varieties	Per doz.	100
W. Oct. Frost	$0.60	$4.00
White Cloud	.60	4.00
Ivory	.60	4.00
Virginia Poehlmann	.60	4.00
Touset	.60	4.00
Alice Byron	.60	4.00
W. Eaton	.60	4.00
W. Chadwick	.60	4.00
Jeanne Nonin	.60	4.00

YELLOW	Per doz.	100
Yellow Oct. Frost	$0.75	$5.00
Oct. Sunshine	.60	4.00
Halliday	.60	4.00
Yellow Ivory	.75	5.00
Golden Chadwick	.60	4.00
PINK		
Pink Ivory	.60	4.00
Balfour	.60	4.00
Dr. Enguehard	.60	4.00
Maud Dean	.60	4.00
BRONZE		
Fancy Bronze	.75	5.00

ROOTED CARNATION CUTTINGS

	R. C. 100	R. C. 1000	2½-in. pots 100	2½-in. pots 1000
Enchantress	$2.50	$20.00	$3.50	$30.00
White Enchantress	2.50	20.00	3.50	30.00
Winsor	2.50	20.00	3.50	30.00
Harlowarden	$2.50	$20.00	$3.50	$30.00
Beacon	3.00	25.00	4.00	35.00

Woodland Park Floral Co. S. POOLMAN, Mgr. P. O. Lock Box 86. SUMNER, WASH. Phone Farmers 84.

Mention The Review when you write.

YOU WANT BETTER ASTERS

Our high-grade **OREGON-GROWN SEED** will produce them. If it's **quality** you are after buy your seed from **CENTRAL YAMHILL COUNTY,** where the **ASTER NEVER FAILS.** This being our specialty, we feel that our seed is second to none.

	⅛ oz.	¼ oz.	½ oz.	1 oz.
Crego Aster, in white, shell-pink, rose-pink, lavender and purple	$0.40	$0.75	$1.50	$3.00
Vick's Mikado Pink "Rochester," a lavender-pink	.40	.75	1.50	3.00
Daybreak and **Purity,** delicate pink and snow white	.30	.55	1.10	2.00
Lady Roosevelt, bright pink	.25	.50	.70	1.00
Dreer's Superb Late Branching, in five colors of Crego	.25	.50	.70	1.00

Ask for descriptive circular. Send cash with order.

HERBERT & FLEISHAUER, Aster Specialists, McMINNVILLE, ORE.

Mention The Review when you write.

Japanese Genuine Lily Bulbs

We book orders now. Don't miss it. The stock we offer is grown for American trade and strictly choice, high-grade. Write for price list for 1912. Specialists in all kinds of Japanese Lily Bulbs.

S. MIYAKE & CO., 1020 Main St., SEATTLE, WASH.

Mention The Review when you write.

German Stocks, 2-in. pots, for Easter blooming, best white and pink, $1.50 per 100.

Geraniums, 3-in., $5.00 per 100.

Asparagus Sprengeri and **Plumosus Nanus,** 3-in., $6.00 per 100.

Chrysanthemum Stock, Carnation Cuttings, best varieties. Write for price list.

VAN SLYKE & SEAMONS,
[illegible] Tacoma, Wash.

Mention The Review when you write.

RAHN & HERBERT

110 E. 49th St., PORTLAND, ORE.

GERANIUMS

2-in. pots. Hill, Nutt, Jacquerie, Trego, Chapatin, Landry, Buchner, $3.00 per 100; $25.00 per 1000. Hall Caine, $5.00 per 100. Ivy Geranium, Baden Powell, Charles Turner, Ryecroft's Surprise, $3.50 per 100. Daisy, Mrs. Sander and Soleil d' Or, 2-in. pots, $5.00 per 100.

Palms, Ferns and Araucarias.

Mention The Review when you write.

H. A. Crouch has severed his connection with the firm of Sandahl & Sons. His intention is to continue in the nursery business on his own account. T. W.

BLIGHTED HARRISII BUDS.

I have some Lilium Harrisii now nearly in bloom, but I find now and then a plant on which the buds seem to have blasted. They turned brown and dried up when they were from one-half to one inch in length, and on those plants all of the buds were lost in this way. Other plants are fine and have nice, healthy buds. I grew them all in the same temperature and treated them alike, as far as I know. The plants that bore these blasted buds were healthy in appearance. If the trouble is in the growing, I certainly want to know it. S. E. S.

I have not seen a perfectly clean batch of Lilium Harrisii for many years, and it is doubtful whether anyone grows any considerable number and does not lose a greater or less proportion from disease. Your plants are probably diseased, though even on the diseased ones the foliage may be green. Your treatment has probably been all right. Another possible cause for flower buds turning yellow is moving the plants from a warm to a cold house while the buds are small. For instance, a change from 60 degrees to 45 degrees would probably cause the loss of many buds. More likely, however, the bulbs were at fault and not your treatment of them. C. W.

WE WERE FORCED



PATTON WOODEN WARE CO.

SEATTLE, WASH.

Mention The Review when you write.

Nursery Stock For Florists' Trade

Large General Assortment for Spring Planting

WRITE FOR TRADE LIST

W. & T. SMITH COMPANY, Geneva, N. Y.

800 ACRES — 65 YEARS

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Officers for 1911-12: Pres., J. H. Dayton, Painesville, O.; Vice-pres., W. H. Wyman, North Abington, Mass.; Sec'y, John Hall, Rochester, N. Y.; Treas., O. L. Yates, Rochester, N. Y. Thirty-seventh annual meeting, Boston, June 1912.

J. P. Barger, formerly in the nursery business at Chariton, Ia., has removed to Alliance, Neb., where he has bought property to start a nursery.

F. B. Stowe, formerly of Maywood, Ill., has purchased the Phoenix Nursery Co., of Delavan, Wis., and will take personal charge of the business.

William A. Peterson, proprietor of Peterson Nursery, Chicago, recently was re-elected a director of the State Bank of Chicago, one of the strongest financial institutions in the city.

In November, 1911, the total imports of trees, plants, etc., according to the customs statistics, were valued at $386,458, as against $336,477 in the corresponding month of 1910.

TEXAS NURSERYMEN MEET.

The Texas Nurserymen's Association held its midwinter meeting at Houston, January 17, during the progress of the land exposition. The program was as follows:

MORNING SESSION.

9 a. m.—Welcome address by Sam H. Dixon, for the city of Houston.

Welcome address by R. H. Bushway, for the South Texas nurserymen.

Response, President J. R. Mayhew.

"The Nurserymen's Work for Texas During the Past Thirty Years," E. W. Kirkpatrick, McKinney.

"The Nurseryman's Obligation to the Planter," F. T. Ramsey, Austin.

AFTERNOON SESSION.

2 p. m.—"Publicity as a Guarantor of Better Relations Between Nurseryman and Planter," John S. Kerr, Sherman.

"A National Inspection Law," five-minute talks by those present.

"What Protection Have We in Law for Our Shade Trees, Evergreens and Shrubs in Public Places?" J. B. Baker, Fort Worth.

General discussion.

A CO-OPERATIVE NURSERY.

The Wolverine Coöperative Nursery Co., at Paw Paw, Mich., has completed its fifth year. At the annual meeting January 9 a trade-mark was adopted, to make its products distinctive. The matter of branches and outside growing points was fully described by the manager, who stated that the proposed branch at Traverse City would make a planting of about 100,000 peach trees the coming spring and the usual amount of planting at Dansville, N. Y., except that the standard pear would all be planted at Paw Paw. The demand for apple trees being so heavy in the west has caused a planting of 50,000 apple trees at Dalton, Mo. The grape cutting branch operated at Fredonia will be entirely discontinued and all plantings made at Paw Paw. The currant and gooseberry plant at South Haven will be continued under contract with John Stephen, who has been growing these plants for several seasons.

While there is quite an increase in the outside plantings, the largest increase is in the home planting in Paw Paw, where over 400,000 peach trees, together with a good assortment of apple, pear, cherry, plum, quince, ornamentals and small fruits, form not only the largest but the most complete assortment of nursery stock grown in western Michigan, the manager said.

The financial statement showed an invoice of $22,562.51, with a surplus of $5,380.85 above all liabilities for both stock and accounts. This would figure that the 961 shares which have been issued are now worth $15,990.85, or $15.60 per share. It was voted to declare a ten per cent dividend, payable June 1, 1912. This will make a total of seventy per cent paid in dividends during the five years.

Corfu, N. Y.—The Wm. Scott Co. has gone heavily into bulb growing, and is shipping large quantities both east and west.

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City. Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS, Nurserymen and Florists RUTHERFORD, N. J.

Mention The Review when you write.

TWO MILLION PRIVET CUTTINGS

OFFERED BY A PRIVET SPECIALIST

C. A. BENNETT, Robbinsville, N. J.

Mention The Review when you write.

LEEDLE SPRINGFIELD ROSES

2½-in. 4-in.

Shipping Booking Growing

Mention The Review when you write.

California Privet

A full supply for all who need well grown, well graded, well rooted and well packed 2-year-old

California Privet

Only strong branches counted. Satisfaction guaranteed.

	Per 100	Per 1000
12 to 18 in., branches	$1.00	$ 5.00
18 to 24 in., 3 or more branches	1.50	10.00
25 to 30 in., fine, 4 or more branches	2.00	15.00
2½ to 3 ft., strong, 6 or more branches	3.00	25.00
3 to 4 ft., extra hv'y, 8 or more branches	4.00	30.00

10 per cent off on 5000 lots of the first four grades. Special low rates on car lots. Correspond before purchasing.

CHAS. BLACK, Hightstown, N. J.

Mention The Review when you write.

LARGE TREES

OAKS AND MAPLES, PINES AND HEMLOCKS

ANDORRA NURSERIES

Wm. Warner Harper, Prop.

Chestnut Hill, Philadelphia, Pa.

Mention The Review when you write.

HYDRANGEAS FOR EASTER.

We have a batch of pot-grown hydrangeas in a coldframe, nicely ripened. When bringing these in to be forced for Easter, should they be given larger pots, or would doing so retard their blooming? We have a temperature of 50 degrees during January and February; after that, about 60 degrees. How long will it take to get them in bloom under these conditions? On what date shall we bring them in? Also, on what date for Decoration day?

H. C. O.

You will not now have time to start your hydrangeas and flower them for Easter, unless you can give them an average minimum temperature of 60

SUNBURST



The winning new rose of the year. Has been exhibited at all the large shows of 1911-1912, and has won first place over every competitor.

Awarded 90 for culture by the N. Y. Florists' Club at Mr. C. H. Totty's place at Madison, N. J.

An enormous rose on long stems.

Absolutely continuous through the dark weather.

Foliage large and heavy.

Buds long and pointed.

Color, deep orange and pure gold.

Is being planted in quantity by all the best growers. Ready March 1, 1912.

Own Root, $ 30.00 per 100
250.00 per 1000
Grafts, 35.00 per 100
300.00 per 1000

Our grafts are superlatively fine this year.

THE E. G. HILL CO., Richmond, Ind.

Mention The Review when you write.

American Pillar Rose

PRICES—Strong 3 year (4 to 5 ft.), **$35.00** per 100; 2 year (3 to 4 ft.), **$25.00** per 100; plants from pots, hardened, 2½-in., **$10.00** per 100; f. o. b. West Grove.

THE CONARD & JONES CO.
WEST GROVE, PENNSYLVANIA

Mention The Review when you write.

HARDY CHOICE
ORNAMENTALS

Ask for Prices

Hiram T. Jones

Union County Nurseries, Elizabeth, N. J.

Mention The Review when you write.

degrees through the balance of January and February. It is a good plan to start at 50 degrees and later raise the temperature. I am afraid, however, you will not be able to flower them by April 7 unless you can give them a brisker heat. With 60 degrees at night you should be able to flower them in ten to eleven weeks.

For Memorial day the plants should be kept as dormant as possible until early in March; then place them in a cool house. After Easter they can be given a little more heat. They are, of course, much better in quality if not grown too warm; 50 degrees at night should land them nicely for Memorial day.

C. W.

ROSES FOR FORCING

"THE J. & P. PREFERRED STOCK"

We consider the deliveries we are now making to be the best plants we have ever grown. We have a few left for late buyers. **Crimson Rambler, Hiawatha, Veilchenblau (Blue Rambler), White Dorothy, Philadelphia Rambler, at $15.00 per 100; Tausendschon, $18.00 per 100; Dorothy Perkins, $12.00 per 100.**

BABY ROSES. Crimson, Baby Rambler, $15.00 per 100: Pink, Mrs. Cutbush, $15.00 per 100; White, Katherine Zeimeth, $15.00 per 100; Scarlet, Jessie. $3.00 per doz. (the BEST Baby Rose for pot culture).

The following bush Roses at $15.00 per 100: American Beauty, La France, Killarney, Hermosa, Leonie Lamesch, Hugh Dickson, Mme. Caroline Testout, Kaiserin, Duchess of Albany, Etoile de France, Clothilde Soupert, White Cochet Gruss an Teplitz, Anny Muller, Maman Cochet, Magna Charta. All fine forcing grade, the very best plants selected out of immense blocks.

HALF STANDARDS, Baby Ramblers, imported, at $3.00 per dozen.

JACKSON & PERKINS CO.

Rose Growers for the Trade. Wholesale Only. NEWARK, NEW YORK

Mention The Review when you write

FIELD GROWN SHRUBS IRIS PÆONIES ROSES THE USN CO

The United States Nursery Co

Roseacres, Coahoma Co., MISS

Always mention the Florists' Review when writing advertisers.

Clematis Paniculata

Strong, Field-grown Stock.

2-year, No. 1,
$7.00 per 100; $60.00 per 1000.

Extra selected,
$8.00 per 100; $70.00 per 1000.

VICK & HILL CO.

P. O. Box 613 ROCHESTER, N. Y.

Always mention the Florists' Review when writing advertisers.

THE NEW SCARLET COMMERCIAL CARNATION

DELHI

Has again made good as a Christmas crop. $8.00 per 100 was the price of the blooms. January cuttings all sold. Booking orders for early February delivery now. If you want a commercial carnation that will bloom when you want a red for the holidays, get Delhi.
Good strong cuttings, 100, $10.00; 1000, $75.00; 5000, $65.00 per 1000; 10,000, $60.00 per 1000. 250 at 1000 rate.

WM. MURPHY,
309 Main Street,
CINCINNATI, OHIO.

S. S. SKIDELSKY & CO.
1215 Betz Building,
PHILADELPHIA, PA.

Mention The Review when you write.

BUFFALO, N. Y.

The Market.

The cold, stormy weather continues and has been a big drawback to business since the first of the year. With the exception of a few days last week when the temperature rose nearly to the freezing point, we have had continuous stormy weather. Many days the glass is so covered with ice and snow that the little sun we have does not penetrate. Stock is short and becoming more so as the month goes on. Carnations were plentiful after the holidays, but are now cleaned up every day, while roses have been scarce all along, and the quality is poor in most cases.

Bulb stock, including trumpets and yellow tulips, is now on the market and goes well at a good price. Paper Whites have never been so plentiful, and with other flowers available they are wasted by the thousand. The top price for this stock is $2 per hundred, but most of it is sold for much less. Lilies are none too plentiful and the demand is quite brisk. Peas, violets and freesia sell well, but as yet the freesia and peas are short-stemmed.

Club Meeting.

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Various Notes.

Miss Hazel Adams, the young lady who was made manager of the R. M. Rebstock Co., has made a good success of the store and gives every promise of keeping the extensive business which Miss Rebstock left when she retired.

ST. NICHOLAS

We recommend St. Nicholas as an **all season** scarlet carnation.
Not only is it grand at Xmas time, but it is fine in October and June.
You need only one variety in scarlet, if you will grow St. Nicholas.
Wherever we have shown it, it has always been conceded to be the best scarlet on show.
Visitors at our place invariably substantiate this claim.
What more can we do to convince you that St. Nicholas is the finest scarlet in sight?
We are booked up to late February. Send in your order now, for late February or early March.

BAUR & STEINKAMP
Carnation Breeders Indianapolis, Ind.

Mention The Review when you write.

READY FOR ORDERS

OWN-ROOT ROSES

My Maryland, 2¼-inch pots, ready for shipping middle of February.
Orders taken for following varieties, from now to January 20th, for March delivery:
Pink Killarney, White Killarney, Richmond, Perle, Bride and Bridesmaid, 2¼-inch pots.
Send us your order NOW.

J. L. Dillon, Bloomsburg, Pa.

Mention The Review when you write.

Double Pink Killarney
March delivery, $150.00 per 1000.

White Wonder Carnation
$6.00 per 100; $50.00 per 1000.

CYCLAMEN
In bud and bloom, 5-in., 30c; 6-in., 50c.

FERNS
Boston, Whitmani, Scholzeli,
5-in., 25c; 6-in., 40c.
Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

It has been encouraging to see the bowlers turn out every Monday evening. Several of the boys are always on hand and some lively times result.

R. A. S.

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Double White Killarney--Killarney Queen--Sunburst

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LADY HILLINGDON **MRS. AARON WARD** **MELODY**

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Wodenethe, Brooklyn, White Winsor, Mrs. C. W. Ward, White Perfection, White Enchantress, Beacon and Winsor.

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A. N. PIERSON, Inc., Cromwell, Conn.

ROOTED
CARNATION
CUTTINGS

	Per 100	Per 1000
Alma Ward, white	$4.00	$35.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
Winsor, pink	3.00	25.00
Pink Enchantress	3.00	25.00
C. W. Ward, deep pink	4.00	35.00
Beacon, red	3.00	25.00

We have the cleanest stock in the West. If you want the best, then send us your early orders. We grow **only** the best commercial varieties, and save you that big freight and express charge from the East. Come any time and see us—and the flowers we grow.

W. H. Sawvel Floral Co.
115 Clinton Place, Kansas City, Mo.

YOU Will find all the best offers all the time in the Review's Classified Advs.

ROSES

	GRAFTED		OWN ROOT	
	Per 100	1000	Per 100	1000
Lady Hillingdon	$25.00	$200.00	$20.00	$150.00
Rose Queen	20.00	150.00	15.00	100.00
Double Pink Killarney	20.00	150.00	15.00	100.00
Aaron Ward	20.00	150.00	10.00	90.00
Mrs. Taft	18.00	150.00	8.00	70.00
Melody	.....	.....	12.00	100.00
Richmond, Maryland	.....	.....	7.00	60.00
White Killarney, Pink Killarney and Richmond	15.00	120.00	.....	.....
Double White Killarney (Reuter's Strain)	30.00	250.00	25.00	200.00
White Killarney and Pink Killarney	.....	.....	7.00	60.00

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White Wonder	$6.00	$50.00	Bonfire	$6.00	$50.00
Gloriosa	6.00	50.00	Pink Delight	4.00	35.00
Washington	6.00	50.00	Mrs. C. W. Ward	3.50	30.00
White Enchantress, White Perfection, May Day, Afterglow, Winsor, Beacon, Ruby and Conquest				3.00	25.00

New Double Marguerite, Mrs. F. Sander

A good variety, very free and an easy grower. Strong plants, 2-in. pots, $5.00 per 100; $40.00 per 1000.

S. J. REUTER & SON, Inc., Westerly, R. I.

CARNATION GROWERS!!

RAINBOW
A
Glorified Prosperity

wins the first prize in the overlaid or Prosperity class at the annual convention, Detroit, this month. Send your order now for February delivery. Our January cuttings are all sold. Remember, our cuttings are guaranteed. We can deliver half a million.

$12.00 per 100; $100.00 per 1000. 250 at 1000 rate. Liberal discount on large orders.

Cash or good reference.

WANOKA GREENHOUSES, BARNEVELD, NEW YORK

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New Double Marguerite, Mrs. F. Sander

A good variety, very free and an easy grower. Strong plants, 2-in. pots, $5.00 per 100; $40.00 per 1000.

S. J. REUTER & SON, Inc., Westerly, R. I.

CARNATION GROWERS!! wins the first prize in the overlaid or Prosperity class at the annual convention, Detroit, this month. Send your order now for February delivery. Our January cuttings are all sold. Remember, our cuttings are guaranteed. We can deliver half a million.

RAINBOW

A
Glorified Prosperity

$12.00 per 100; $100.00 per 1000. 250 at 1000 rate. Liberal discount on large orders.

Cash or good reference.

WANOKA GREENHOUSES, BARNEVELD, NEW YORK



COMFORT

P M QUALITY

A Seedling of S. M. MERWARTH & BRO., Easton, Pa.

Parentage, HARLOWARDEN and ENCHANTRESS

As a medium-priced "red" it has a very promising future

From the Florex Gardens, North Wales, Pa., where this has been grown on trial, we have a letter under date of Nov. 24, 1911, saying: "So far we like the new seedling very much; the color of the flower is fine and the size good. The stems are stiff and the number of blooms to a plant shows it will be a good producer."

E. J. Weaver, of Ronks, Pa., who has been growing five hundred on trial, writes us under date of Jan. 8, 1912: "So far this season this variety has produced more than double the blooms Beacon has, planted in the same house, and I feel sure it will maintain its lead the balance of the season. It is of a much brighter color than Beacon, flower as large, with a good stem, and a calyx that practically does not split, not averaging more than one split flower a week from the five hundred plants."

Well-rooted Cuttings, $6.00 per 100, $50.00 per 1000

Our Usual Guarantee Goes with This Stock

S. S. PENNOCK-MEEHAN CO.

"THE" Wholesale Florists of Philadelphia **1608 Ludlow St., PHILADELPHIA, PA.**

Mention The Review when you write.

PITTSBURGH.

The Market.

Continued cold weather was not conducive to good business and there was considerable complaint from the retailers. Funeral work was almost all there was to depend on, except in the case of those who have the decorative end of the business; these had charge of a number of fine social affairs, which called for nice work and used up about all the good stock coming in. The wholesalers did not fare so badly, as stock was not any too plentiful, especially roses of the shorter grades. The trade in violets suffered somewhat, as it has been too cold to wear them on the street and that seems to be one of their principal uses. Paper White narcissi, yellow trumpets and short tulips are coming in quantities, with enough lilies to supply the demand.

Various Notes.

McKinley day is January 29. This is usually a good carnation day and every florist should make an effort to keep up its observance.

David Fraser says we are misinformed regarding the Independent Gardeners' Club and that he has never heard of it and is not its treasurer.

Coal is one of the principal topics among the growers. The Pittsburgh Cut Flower Co. used forty-four cars of coal during December.

E. C. Ludwig says he wants all his friends to know he is a candidate for club president and to come and vote for him.

The A. W. Smith Co. has been making a fine window display of Cattleya Trianæ and other orchids.

Ray Dashbach has made a number of advantageous changes since taking his new store and now has a really beautiful shop. His trade is increasing every week. Hoo-Hoo.

Western Headquarters for ROSE PLANTS **Poehlmann Bros. Co.**

DOUBLE WHITE KILLARNEY (Poehlmann Strain)

Grafted Stock, $30.00 per 100, $250.00 per 1000

		100	1000
Grafted—			
Pink and White Killarney	2½-inch,	$12.00	$100.00
Richmond	2½-inch,	12.00	100.00
Maryland	2½-inch,	12.00	100.00
Mrs. Aaron Ward	2½-inch,	14.00	120.00
Melody	2½-inch,	14.00	120.00
Mrs. Taft or Prince de Bulgarie	2½-inch,	14.00	120.00
Own Root—			
Pink and White Killarney	2½-inch,	6.00	55.00
Maryland	2½-inch,	6.00	55.00
Richmond	2½-inch,	5.00	40.00
Antoine Rivoire, Mrs. Taft or Prince de Bulgarie,	2½-inch,	8.00	70.00
Radiance	2½-inch,	8.00	.....
Melody	2½-inch,	8.00	70.00
Aaron Ward	2½-inch,	8.00	70 00
Lady Hillingdon	2½-inch,	10 00	.....
Double Pink Killarney	2½-inch,	8.00	70.00
Rooted Cuttings—			
Double Pink Killarney		6.00	50.00
Pink Killarney		4.00	35.00
White Killarney		4.00	35.00
Aaron Ward		6.00	.....

Orders are now booked for April, May, June and July delivery.
All goods sold for cash or 30 days on approved credit.

POEHLMANN BROS. CO., **Wholesale Florists** **Morton Grove, Ill.**

Mention The Review when you write.

KILLARNEY

Double Killarney is the best pink rose for warm weather. Contracts made for cuttings, eyes or own root plants.

JOHN WELSH YOUNG, Upsal Sta. P. R. R., Philadelphia, Pa.

Mention The Review when you write.

MELODY, own root, 2½-in. pots, 80c each; $2.50 per dozen; $12.00 per 100; $100.00 per 1000.

DOUBLE PINK KILLARNEY, own root, $2.50 per dozen; $12.00 per 100; $100.00 per 1000. Grafted, $3.00 per dozen; $20.00 per 100; $150.00 per 1000.

ROBERT SCOTT & SON,

HARON HILL, Delaware Co., PA.

Mention The Review when you write.

Rooted Carnation Cuttings

	100	1000
Princess Charming	$6.00	$50.00

An improvement on Enchantress, making good.

	100	1000
Christmas Cheer	$6.00	$50.00

The scarlet pot carnation.

	100	1000
Wodenethe (Totty)	$15.00	$125.00

The most perfect white.

Clean Stock, for Immediate Delivery

Henry Eichholz

WAYNESBORO, PA.

Mention The Review when you write.

YOU WHO WANT

Early Cuttings

Place your orders and get

IMMEDIATE DELIVERY

	Per 100	Per 1000		Per 100	Per 1000
Enchantress, White Enchantress, Beacon,	$3.00	$25.00	Gloriosa, Norwood,	$6.00	$50.00

Dorothy Gordon, $4.00 per 100; $35.00 per 1000
Perfection, - 3.50 per 100; 30.00 per 1000
Winsor, - $2.50 per 100; $20.00 per 1000
Rose-pink Enchant., 2.50 per 100; 20.00 per 1000

J. D. Thompson Carnation Co., Joliet, Ill.

Mention The Review when you write.

ORCHIDS

We are now booking orders for the **Spring Importations.** Placing orders now insures to you an early delivery and **best results.**

Send for Catalogue.

G. L. FREEMAN, Wellfleet, Mass.

Mention The Review when you write.

ORCHIDS

Greatest quantity and variety in the country, and for all purposes. We are now booking orders for **freshly** imported stock for next year. Write for prices.

LAGER & HURRELL, Summit, N.J.

Mention The Review when you write.

Orchid Peat

(Osmunda Fiber)
Price list and samples on request.
The C. W. BROWNELL CO.
WALDEN, N. Y.

Mention The Review when you write.

NOTICE

To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the continent of Europe: Your best means of doing this is to take in the

Horticultural Advertiser

Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade.

A. & C. Pearson, Lowdham, Nottingham, Eng.

Always mention the Florists' Review when writing advertisers.

ROOTED ROSE CUTTINGS NOW READY

Kaiserin, per 100.....$3.50 Per 1000.....$25.00
Perles, per 100 ..... 3.50 Per 1000..... 25.00

All first-class stock, well rooted.

BASSETT & WASHBURN

Office and Store
131 N. WABASH AVE., CHICAGO

Greenhouses
HINSDALE, ILL.

Mention The Review when you write.

Don't Delay Ordering

Benora Carnation

NOW, for seasonable delivery.

Write for descriptive circular. Cultural directions with each shipment.

$12.00 per 100; $100.00 per 1000.

PETER FISHER, Ellis, Mass.

Mention The Review when you write.

Rooted Carnation Cuttings

of up-to-date varieties
List on application

LITTLEFIELD & WYMAN
NORTH ABINGTON, MASS.

Always mention the Florists' Review when writing advertisers.

JOHN SCOTT

Rutland Road and E. 45th St.,

BROOKLYN, N. Y.

Palms, Ferns and Decorative Plants

Mention The Review when you write.

The New Carnation, BROOKLYN

A Reincarnation of the Old William Scott, but embodying additional and more important qualities

THE NEW "HELEN" PINK A beautiful Deep Pink after the style of the old William Scott, lighter than Lawson, grand under artificial light. Highly built-up center, petals fringed, habit of growth all that could be desired. Very easy propagator, fastest growth of any Carnation. Flowers 3-in. and larger. **Preliminary scoring, New York Florists' Club, 86 points. "Certificate of Merit" Horticultural Society of New York. TO BE DISSEMINATED 1911-1912.**

ROOTED CUTTINGS, ready now, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate.

Charles Weber
GROWER
Lynbrook, Long Island, **New York**

R. G. WILSON
Fulton Street and Greene Avenue
BROOKLYN, N. Y.

CHAS. H. TOTTY
Madison, N. J.

WASHINGTON.

The Market.

Owing to the extremely cold weather that prevailed here for a fortnight, stock is rather low, but with the rise in temperature, which occurred a day or two ago, conditions are improving. Prices are moderating and in a few days it is expected there will be plenty of stock. At present, however, the wholesalers' supply is less than the demand. This is especially true of roses and carnations. Lilies are not so scarce. Some spring flowers are coming into the market. These include freesias, white lilac, forsythia, etc.

Various Notes.

The Pennock-Meehan Co. is showing some of the first forget-me-nots, also fine sprays of cœlogyne. Manager McKissick, of this firm, is confined to his home with a bad cold.

Gude Bros. Co. furnished the decorations for the wedding of Miss Culp, daughter of the vice-president of the Southern railway, and Mr. Porter, of Birmingham, Ala., a few days ago, at the Church of the Covenant. Easter lilies and Killarney roses were used, with wild smilax and palms.

Local florists no longer have to burn the midnight oil—literally—in stoves to keep their stores from freezing out. The freezing of Z. D. Blackistone's downtown greenhouse last week resulted in a total loss of all the palms and other plants stored therein, numbering several hundred.

Blackistone's decorations at a recent White House dinner were pronounced by Washington newspapers the finest of their kind ever seen in the President's mansion. Orchids constituted an important feature of the decorations.

The alliterative Freeman's freesias are fine, with extra long stems, but Mrs. Freeman's manager says business is dull.

White and purple rhododendrons and Scotch heather, the first seen here this season, are seen at the store of the Washington Florists Co. The report that this firm will move into the uptown city block where Blackistone, Small and Marche are located is practically confirmed, but the move will not be made for some time.

Henry Pfister, 1120 Connecticut avenue, has a new delivery wagon, resplendent in gold.

W. Marche this week has a big decoration at the Washington Club. A quantity of Radiance roses, lilacs, smilax, and azaleas and palms will be used.

Robert Shoch, of Rice & Co., Philadelphia, is here.

Center Market in part reminds one of a flower show, the following florists having nice stands: Robert Bowdler, John Boyle, Alexander B. Garden, M. J. McCabe, F. H. Kramer, C. Schellhorn, Frank L. Schultz, Frank Slye, G. Milton Thomas and W. J. Springer. H. C. H.

ROOTED CUTTINGS
CARNATIONS

Strong, clean, healthy stock; well rooted. Now ready

	100	1000		100	1000
Beacon	$2.50	$20.00	**White Perfection**	$2.00	$17.50
White Enchantress	2.50	20.00	**Rose-pink Enchantress**	2.00	17.50
Enchantress	2.00	17.50			

YOUNG ROSE STOCK

Ready about February 10

Perle, rooted cuttings.....$2.00 per 100; $15.00 per 1000

Ready now

Perle, 2½-inch.....$4.00 per 100; $30.00 per 1000

PETER REINBERG

30 East Randolph Street **CHICAGO**

Mention The Review when you write.

CARNATIONS
F. Dorner & Sons Co.
LA FAYETTE, IND.

Mention The Review when you write

ANTON SCHULTHEIS, College Point, L. I.
Headquarters for
DECORATIVE and FLOWERING PLANTS

Asparagus Plumosus, 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Asparagus Sprengeri, 2-in. pots, $2.00 per 100; 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Smilax, 3-in. $4.00 per 100.

Ferns, Boston, Whitmani, Scottii and Scholzeli, 4-in. pots, $2.00 per doz.; 6 in., $3.00 per doz.

Dracaena Indivisa, 3-in. pots, $4.00 per 100.

Daisies, white, Paris, Giant, 2½-in. pots, $3.00 per 100.

Clematis Paniculata, strong plants, 2-yr.-old, $10.00 per 100; 1-yr.-old plants, $5.00 per 100.

Hardy English Ivy, 4-in. pots, $10.00 per 100; 3-in. pots, $5.00 per 100.

C. EISELE
11th & Westmoreland Sts., Philadelphia, Pa.
Mention The Review when you write.

Chrysanthemums
WRITE FOR CATALOGUE
CHAS. H. TOTTY, Madison, N. J.
Mention The Review when you write.

THE E. G. HILL CO., Richmond, Ind.

White Enchantress Cuttings

THE PURE WHITE WESTERN STRAIN

100,000 for January and February Delivery

Our selected strain was again proven the best, as it won **first** in competition at Detroit over all entries of this grand variety.

$3 per 100; $25 per 1000

Our cuttings of all the standard sorts are unexcelled in quality.

SEND FOR OUR LIST.

Get Your Carnations Early For Best Results Next Fall.

PLANTS YOU NEED

CHINESE PRIMROSES, 4-in., full of bud and bloom, extra fancy mixed, $7.50 per 100.
PRIMULA OBCONICA, 4-in., mixed, full of bud and bloom, $5.00 per 100.
CINERARIAS, fancy mixed, 4-in. plants, $5.00 per 100.
ASPARAGUS SPRENGERI, large 4-in., $6.00 per 100.
CYCLAMEN, 3-in., 6 colors, $7.50 per 100.
SNAPDRAGONS, 3-in., white, pink, yellow, $5.00 per 100; $45.00 per 1000.
MARGUERITES, large 2½-in. plants, white and yellow, $2.25 per 100.
HELIOTROPES, 2½-in., 3 kinds, $2.50 per 100.
FUCHSIAS, 2½-in., 12 kinds, including Little Beauty and Storm King, $2.50 per 100.
PELARGONIUMS, Lady Lloyd, 2½-in., $4.00 per 100.
ALTERNANTHERAS, red and yellow, 2½-in., $2.00 per 100; $18.00 per 1000.
ALTERNANTHERAS, Brilliancy, 3-in. plants, $3.00 per 100.
DOUBLE PETUNIAS, 3-in., 12 kinds, $5.00 per 100.
SMILAX, large 2½-in., $2.00 per 100.
GERANIUMS, 2½-in., in abundance. Poitevine, Grant, Ricard, Buchner, Montmore, Perkins, La Favorite, Roseleur, Nutt, etc., A-1 plants, $2.50 per 100; $22.50 per 1000.
CANNAS, 15 fancy kinds, mixed, $1.50 per 100; $14.00 per 1000.
CLIMBING CRIMSON BABY RAMBLER ROSE BUSHES, 4 or 5 branches, 3½ feet tall, 50 cents each; $4.00 per doz.
PURE GREENHOUSE FERTILIZER, $2.50 per bag.

FLOWER SEEDS.	Per Trade Pkt.
VERBENAS, extra fancy, mixed, $1.15 per oz.	25c
PETUNIAS, Single. All kinds mixed.	25c
PANSY, finest mixed	25c
DUSTY MILLER	15c
VINCAS, mixed	15c
SWEET ALYSSUM	10c

Send your order now. This adv. may not appear again.

ALONZO J. BRYAN, Wholesale Florist,
Washington, New Jersey
Mention The Review when you write.

G. DREYER

Tel. 228 Newtown
Jackson Ave. ELMHURST, L. I.
DECORATIVE PLANTS

Hydrangea Otaksa

For Easter and Decoration Day

6-inch, pot-grown, well branched and set with flower buds.

Otaksa, with 5 and 6 branches, at $20.00 per 100; 4 branches at $15.00 per 100. **Souvenir de Claire**, fine pink, same color as Gloire de Lorraine Begonia, same price; also 7-10 branches latter variety, $25.00 per 100.

Jackson & Perkins Company

Wholesale Florists and Nurserymen
Newark, Wayne Co., New York State
Mention The Review when you write

Rooted Cuttings

Begonias, flowering kinds, $1.75 per 100.
Verbenas, 70c per 100; $6.00 per 1000.
Pelargoniums, $2.50 per 100.
Ageratums, 60c per 100; $5.00 per 1000.
Daisies and **Salvias**, $1 per 100; $8 per 1000.
Petunias, $1.25 per 100; $10.00 per 1000.
Coleus, 70c per 100; $6.00 per 1000.

All good varieties and named.
Express paid on all rooted cuttings.
Cash with order.

S. D. BRANT, Clay Center, Kan.

Mention The Review when you write.

FERNS AND ASPARAGUS

Nephrolepis Whitmani, Scottii and **Bostoniensis**, 6-in. pots 35c each; 7-in., 75c each.
Asparagus Plumosus, 3-in., $5.00 per 100.
Cash with order.

ASCHMANN BROS.
Second and Bristol Sts., PHILADELPHIA
Mention The Review when you write.

Cyclamen Seedlings and R. C., Etc.

We have a fine lot of Cyclamen Seedlings, very good imported strain, to offer in 6 separate varieties, $1.50 per 100; $12.50 per 1000.

	Per 100	1000
Moonvines, white, R. C., extra fine and clean. We have 10,000 of these	$1.50	$15.00
4000 **English Ivy**, R. C.	1.00	10.00
3000 **Lantanas**, R. C., in 3 varieties.	1.50	12.50

Hydrangea Otaksa, dormant, 3-in., $8.00 per 100; 4-in., $15.00 per 100; 5-in., $25.00 per 100.

We solicit your patronage.

D. U. Augspurger & Sons Co.

PEORIA, ILL.
Mention The Review when you write

FERNS---ROSES ....BEGONIAS....

Amerpohlii, Barrowsii, Scottii, Elegantissima, Boston, Jacksoni, Piersoni, Sword, Whitmani, 2½-in. pots, $4.00 per 100; 4-in., $15.00 per 100.

Rex Begonias, assorted varieties, 3-in. pot plants, $5.00 per 100; $45.00 per 1000.

Roses our specialty. Ask for quotations.

The Dingee & Conard Co., West Grove, Penna.
Mention The Review when you write.

CHAS. D. BALL

GROWER OF

PALMS, ETC.

Send for Price List

HOLMESBURG, . . PHILADELPHIA, PA.
Mention The Review when you write.

EVANSVILLE, IND.

The Market.

Trade has been quite slow for a week or so. Heavy snow and continued cold were the greatest factors in holding business back. This has been the coldest month in about fifteen years and we had a foot of snow, also. Just now it is warmer and the snow almost gone, so better times are expected. The days are noticeably longer and stock will improve from now on.

Various Notes.

Julius Niednagel & Sons had no trouble in keeping the houses warm during the cold snap. The roses and carnations are looking fine. The roses are giving a nice cut and the carnations are full of buds and flowers.

The Wm. Blackman Floral Co. is having its usual good business. They are short of stock and have to buy considerable.

Louis Fritsch had quite a run of funeral work one day last week. His carnations are in excellent condition.

Karl Zeidler gave as a premium a fine sago palm for the smallest dog at our recent poultry show.

Royston & Fenton are off crop and the cut of roses is small. E. L. Fenton won several blue ribbons on his White Wyandottes at the poultry show. Mr. Royston won on his, also.

J. C. Elsperman says that business has been quiet, but seems to be picking up again.

Miss Marion Halbrooks, daughter of Paul Halbrooks, superintendent of the Columbus Floral Co., of Columbus, was here recently on a visit with her grandparents. On her way home she stopped in Louisville and visited several of the leading florists of that city. She takes a great interest in her father's business and is a great help to him. E. L. F.

FERNS

4-inch, heavy stock, $12 00 per 100. Boston, Barrowsii and Elegantissima.
Also 2¼-inch Boston, $3.50 per 100.

Wagner Park Conservatories
SIDNEY, OHIO

Asparagus Plumosus Seedlings

$1.00 per 100; $7.50 per 1000.

COLLINGDALE GREENHOUSES
COLLINGDALE, PA.
Mention The Review when you write.

FERNS FOR DISHES

Assorted varieties, 2¼-in pots, $3.50 per 100; $30 00 per 1000.
Asparagus Plumosus,
2¼-in. pots, $3 50 per 100; $30.00 per 1000; 3-in. pots, $6.00 per 100.
Cash with order. 500 at 1000 rate.
FRANK OECHSLIN. 4911 W. Quincy Street, CHICAGO, ILL.
Mention The Review when you write.

F. S. SMITH

Feverfew, 2¼-in., $3.00 per 100.
Coleus, mixed, $2.50 per 100.
Godfrey Callas, 4-in., $6.00; 2¼-in. $4.00 100
330 W. 38th St., Indianapolis, Ind.

Seasonable Plants

At bargain prices, for immediate delivery, to make room for planting. All fine stock.

Carnation White Wonder, fine cuttings, ready now, $5.50 per 100. Write for price on 5000.
200 **4-inch Genista,** for Easter blooming, $1.00 per doz.
100 **Jerusalem Cherries,** right for February 22, 12½c each.
5000 **Godfrey Calla,** $35.00 per 1000.
5000 **Adiantum Croweanum,** 10c each.
100 **Primula Chinensis,** 5-inch, in full bloom, $1.00 per doz.
500 **Mrs. Sander Daisy** (new), 6c each.

FRED H. LEMON & CO., Richmond, Ind.
Mention The Review when you write.

LOOK! A BIG BARGAIN!!

1000 Asparagus Plumosus, big plants in 4-inch pots, suitable to cut; look, worth double, only 10 cents each; 2000 3-inch, only $5.00 per 100; 5000 2½-inch, large plants, last spring (April) raising, only $3.00 per 100.

We also have a fine lot, best colors, of **Chinese Primroses** (J. Rupp's superior strain), in 5¼-inch pots, in bloom; to make room for an extensive Easter stock we will sell you them at a great reduction, from $3.00 per dozen to $1.50 per dozen; 4-inch, 10 cents, or $1.00 per dozen.

Lilium Multiflorum, raised from selected 9 to 10-inch bulbs, from the Yokohama Nursery Co.; from 4-inch pots, 20 cents; from 6-inch pots, 25 cents to 30 cents. All ready started, about 6 to 10 to 12 inches high, right for Easter blooming.

GODFREY ASCHMANN, 1012 W. Ontario St., Philadelphia, Pa.
Mention The Review when you write.

Miller's Giant Obconicas

Will come in for Easter flowers, average larger than silver dollars, on long stems, fine for cutting also. Extra strong, 3-in., $5.00 per 100.

Cinerarias, the largest flowering grown, fine shades; large 3-in., $3.50 per 100.

Cyclamen Giganteum, in bud, 4-in., $10.00 per 100; 3-in., $5.00 per 100.

Asparagus Plumosus, strong, 3-in., $3.00 per 100; 2-in., $2.00 per 100. Special price by the 1000.

Asparagus Sprengeri, 2-in., $1.50 per 100.

Chinese Primrose, coming in bloom, 3-in., $4.00 per 100.

Kewensis Primrose, for cut and pot plants, sweet scented, 3-in., $4.00 per 100.

These are well grown plants and will please you.
Cash, please.

J. W. MILLER, Shiremanstown, Pa.
Mention The Review when you write.

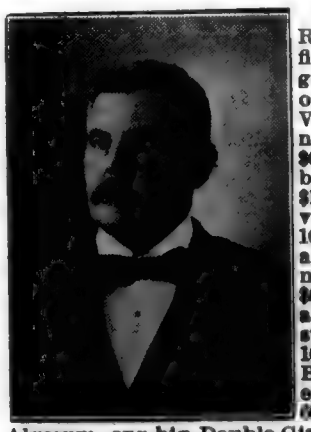
Wheeler's Light Pink Snapdragon

From 1¾-in. pots, $4.00 per 100.

Wheeler's Yellow, from 1¾-in. pots, $3.00 per 100.

JAMES WHEELER, Florist
NATICK, MASS.
Mention The Review when you write.

Julius Roehrs Co.
RUTHERFORD, N. J.
Palms, Plants, Orchids, Etc.
Send for Price List.
Mention The Review when you write.



Express Prepaid on Rooted Cuttings. The finest ever. Satisfaction guaranteed to all parts of the United States. Verbenas, the very best named varieties, 70c 100; $6 00 1000; Fuchsias, the best named varieties, $1.00 100; $9.00 1000; Feverfew, Little Gem, $1.25 100; $10 00 1000; Coleus, all the finest select named varieties, 70c 100; $6.00 1000; Alternantheras, red and yellow, very strong, 60c 100; $5.00 1000; Sweet Alyssum, our big Double Giant, 80c 100; $6.00 1000; Daisy, White California, $1.00 100; $8.00 1000. 32,000 Vinca R. C., $1.00 100; $8.00 1000.

C. HUMFELD, Clay Center, Kan.
Mention The Review when you write.

Our Stock of Ferns

On January 20th invoiced, was 35,369. This consists of Bostons, 2½ in. to 10 in.; Whitmani, 2½ in. to 8 in.; Amerpohlii, 2½ in. and 5 in.; Roosevelt, 2½ in., 4 in., 5 in., 6 in.; Piersoni, 2½ in. to 6 in.; Plumosus, 2½ in. to 5 in.; Maidenhair, 2½ in. and 3 in. Small assorted ferns, 2½ in.; Sprengeri, 2½ in. to 6 in.; Scottii, 4 in. This makes a total of over thirty-five thousand. If you are interested in ferns at all, kindly send us list of sizes you would like and we will quote you special price, as we need both cash and room.

Be sure to ask for our Easter list.

GEO. A. KUHL
Wholesale Grower
PEKIN, ILL.

Always mention the Florists' Review when writing advertisers.

REPLENISH YOUR STOCK

Look over this list and you'll probably find many items that your holiday trade completely cleaned out, but which you need for the winter and spring demand. Our stock is in fine shape and ready for immediate shipment.

LET'S HAVE YOUR ORDER TODAY

WINTER FAVORITES

BOXWOODS.

For filling window boxes and flower beds.

Boxwood bushes, 8 in. high, each	$ 0.25
Boxwood bushes, 12 in. high, each	.35
Boxwood bushes, 18 in. high, each	.50
Boxwood bushes, 24 in. high, each	1.00
Globe Boxwoods, 18 in. diameter, each	2.50
Obelisk Boxwoods, 5 ft. high, in beautiful Mission boxes, each	10.00

EASTER FORCING STOCK

AZALEAS.

Empress of India.....75c $1.00 $1.25 each
Mme. Van der Cruyssen.....75c 1.00 1.25 each

JAPAN MAPLE .....$1.00 each
KALMIA LATIFOLIA ..... 1.00 each
LILAC MARIE LE GRAYE..... 1.00 each

RHODODENDRONS.

Named varieties .....75c $1.00 $1.25 each

SPIRAEA.

Gladstone .....$3.00 per doz.
Queen Alexandra..... 4.00 per doz.



WINTER FAVORITES

ARAUCARIAS.

We have a fine large stock of Araucaria Excelsa, the popular winter plant, in the following sizes:

Pots.	Each.	Doz.
6-in., 4 to 5 tiers	$1.00	$12.00
7-in., 4 to 5 tiers	1.50	18.00

BULBS

CANNAS.

Chicago .....$2.50 per 100; $20.00 per 1000
Egandale ..... 2.50 per 100; 20.00 per 1000
Chas. Henderson.. 2.50 per 100; 20.00 per 1000

DAHLIAS.

A. D. Livoni, shell pink. J. Cowan, single.
Sylvia, light pink. J. Downie, single.
Thatcher, double yellow. Fashion, single.
Ami Barrilet, single.
$2.50 per 100; $20.00 per 1000.

GLADIOLI.

America .....2nd size, $25.00 per 1000
Augusta, 1st size, $20.00; 2nd size, $15.00 per 1000
Mrs. Francis King, 2nd size, $12.00; 3rd size, $8.00; 4th size, $6.00 per 1000.

ISMENE CALATHINA.

1st size, 6c; 2nd size, 4c; 3rd size, 2c each.

Palms, Ferns, Stove and Bedding Plants

ACHYRANTHES, ROOTED CUTTINGS.

Metallica, Panache de Bailey, Lindenii, Warscewiczii .....$6.00 per 1000

ACHYRANTHES, 2-IN. POTS.

Metallica .....$2.00 per 100
Panache de Bailey..... 2.50 per 100
Lindenii ..... 2.00 per 100
Warscewiczii ..... 2.00 per 100

AGERATUMS.

Stella Gurney, 2-in.....$2.00 per 100
Princess Pauline, 2-in..... 2.00 per 100

ALTERNANTHERAS, ROOTED CUTTINGS.

Red and yellow.....$6.00 per 1000

ARECA LUTESCENS.

Pots.		
3-in., 3 in pot	doz., $2.00;	100, $15.00
4-in., 3 in pot	doz., 3.00;	100, 25.00
7-in., 4 to 5 in pot, 36-in. high	each,	3.00
8-in., 5 to 6 in pot, 60 to 64-in. high	each,	5.00

ASPIDISTRAS.

Green .....per leaf $0.08
Variegated .....per leaf .15

ASPARAGUS BASKETS.

$1.00, $1.50 and $2.00 each.

ASPARAGUS PLUMOSUS.

Pots.	Doz.	100
2-in.	$0.40	$ 3.00
3-in.	.75	6.00
4-in.	1.50	12.00
6-in.	4.00	30.00

ASPARAGUS SCANDENS DEFLEXUS.

4-in. .....doz., $1.50

BOSTON FERNS.

Pots.	Each.	Doz.	100	1000
2-in.	....	$ 0.50	$ 3.00	$25.00
3-in.	....	1.00	8.00	.....
4-in.	....	1.50	12.00	.....
5-in.	....	3.00	20.00	.....
6-in.	....	6.00	45.00	.....
7-in.	$0.75	9.00	.....	.....
8-in.	1.00	12.00	.....	.....
9-in.	1.50	18.00	.....	.....

Each.			Each
10-in. $2.50	12-in.	.....$3.50 to	$5.00

BOSTON FERN BASKETS.

$1.00, $1.50 and $2.00 each.

ASSORTED FERNS FOR DISHES.

2-in., 40c per doz.; $3.00 per 100; $25.00 per 1000.

CIBOTIUM SCHIEDEI.

7-in. .....each, $2.50; doz., $30.00
8-in. .....each, 3.00; doz., 36.00

COCOS WEDDELLIANA.

2-in. .....doz., $1.75; 100, $14.00
3-in. .....doz., 2.50; 100, 20.00

COLEUS, ROOTED CUTTINGS.

Pfister, red and yellow; Beckwith's Gem, Golden Bedder, Verschaffeltii....$6.00 per 1000

COLEUS, 2-IN. POTS.

Pfister, red and yellow; Beckwith's Gem, Golden Bedder, Verschaffeltii....$2.00 per 100

CYPERUS ALTERNIFOLIUS.

3-in. .....$0.75 doz.; $ 5.00 100
4-in. ..... 1.50 doz.; 10.00 100

DAISIES.

Marguerites, Yellow.

Rooted cuttings.....$6.00 per 1000
2-in. .....$2.00 per 100

DRACAENA INDIVISA.

2-in. .....per 100, $3.00; per 1000, $25.00
7-in. .....each, $1.25; doz., 15.00

DRACAENA MASSANGEANA.

6-in. .....each, $1.25
7-in. .....each, 1.50

DRACAENA TERMINALIS.

4-in., strong.....each, 35c; doz., $4.00

FICUS ELASTICA.

6-in. .....each, 50c; doz., $6.00

FICUS REPENS (vine).

2½-in. .....each, $0.50

KENTIA BELMOREANA.

Pots.	Height.	Leaves.	Each.	Doz.	100
2-in.	8-in.	4	.....	$ 1.50	$12.00
3-in.	8 to 10-in.	4 to 5	.....	2.00	15.00
4-in.	12-in.	4	.....	3.60	30.00
4-in.	12 to 15-in.	4 to 5	.....	4.50	35.00
5-in.	15 to 18-in.	5 to 6	.....	6.00	50.00
5-in.	18 to 20-in.	5 to 6	$ 0.75	9.00	.....
6-in.	20 to 22-in.	6 to 7	1.00	12.00	.....
6-in.	22 to 24-in.	6 to 7	1.50	18.00	.....
7-in.	28 to 30-in.	6 to 7	2.50	30.00	.....
7-in.	36 to 40-in.	6 to 7	4.50	.....	.....
8-in.	40 to 45-in.	7 to 8	5.50	.....	.....
9-in.	48 to 50-in.	7 to 8	8.00	.....	.....
9-in.	50 to 54-in.	7 to 8	10.00	.....	.....

KENTIA FORSTERIANA.

Pots.	Height.	Leaves.	Each.	Doz.	100
2-in.	8 to 10-in.	4	.....	$ 1.50	$12.00
3-in.	12 to 14-in.	4 to 5	.....	2.00	15.00
4-in.	14 to 16-in.	4 to 5	.....	4.50	35.00
5-in.	20 to 24-in.	5 to 6	$ 0.75	9.00	.....
6-in.	24 to 30-in.	5 to 6	1.00	12.00	.....
6-in.	30 to 36-in.	5 to 6	1.50	.....	.....
7-in.	36 to 38-in.	5 to 6	2.50	.....	.....
7-in.	38 to 40-in.	5 to 6	3.50	.....	.....
8-in.	40 to 42-in.	5 to 6	4.50	.....	.....
9-in.	46 to 50-in.	6 to 7	7.00	.....	.....

Made-up Plants.

Pots.	Height.	Plants in pot.	Each.
7-in.	24 to 30-in.	3 to 4	$ 2.50
9-in.	50 to 54-in.	3 to 5	8.00
10-in.	58 to 60-in.	4 to 5	10.00
12-in.	62 to 70-in.	4 to 5	15.00

ENGLISH IVY.

3-in. .....doz., $ 0.75
4-in. .....doz., $2.50; 100, 20.00

GERMAN IVY.

2-in. .....$2.00 per 100

GNAPHALIUM LANATUM.

2-in. .....$2.00 per 100

HELIOTROPES.

2-in. .....$2.00 per 100
3-in. ..... 4.00 per 100

LANTANA DELICATISSIMA.

2-in. .....$2.00 per 100

LATANIA BORBONICA.

2-in., 1 to 2 leaves	100, $3.00;	1000, $25.00
4-in.	doz., 3.00;	100, 20.00
5-in.	doz., 5.00;	100, 40.00
6-in.	doz., 6.00	

LOBELIA KATHLEEN MALLARD.

Rooted cuttings.....$6.00 per 1000
2-in. .....$3.00 per 100; $25.00 per 1000

PANDANUS UTILIS.

3-in. .....per doz., $1.50

PANDANUS VEITCHII.

4-in. .....each, $0.50; per doz., $ 5.50
5-in. .....each, .75; per doz., 9.00
6-in. .....each, 1.00; per doz., 12.00

PHOENIX CANARIENSIS.

7-in. 36 to 40-in. high.....each, $ 2.50
8-in. 46 to 50-in. high.....each, 4.00
10-in. 50 to 54-in. high.....each, 8.00
10-in. 60 to 64-in. high.....each, 10.00

PHOENIX RECLINATA.

4-in. .....each, $0.25; doz., $3.00; 100, $20.00
5-in. .....each, .50; doz., 5.00; 100, 40.00
6-in. .....each, .75; doz., 9.00

PHOENIX ROEBELENII.

Pots.	Each.	Doz.	100
2½-in.	....	$ 2.00	$15.00
3-in.	....	3.00	22.50
5-in.	....	9.00	70.00
6-in.	....	12.00	.....
6-in., strong	$2.00	18.00	.....
7-in.	2.50	.....	.....

SALVIAS.

Rooted Cuttings.

Bonfire, Zurich.....$6.00 per 1000

2-In. Pots.

Bonfire, Zurich.....$2.00 per 100

TRADESCANTIA VARIEGATA.

(Wandering Jew.)

2-in. .....doz., 40c; per 100, $3.00

VINCAS.

4-in. .....per doz., $2.00; per 100, $15.00

THE EDGEBROOK GREENHOUSES AND NURSERIES OF THE GEO. WITTBOLD CO., EDGEBROOK, CHICAGO, ILL.

BOWLING

AT NEW YORK.

The New York bowlers made the following scores January 12:

Player.	1st.	2d.	3d.
Chadwick	210	190	204
Rickards	158	145	183
Kakuda	151	157	148
Shaw	121	139	157
Holt	176	149	152
Faxon	124	113	118

Robertson and Dodds, of Philadelphia, have challenged any two members of the New York Florists' Bowling Club to a match game for any amount up to $100.

The scores January 19 were:

Player.	1st.	2d.	3d.	4th.	5th.
Chadwick	232	182	196	226	190
Rickards	168	131	172	162	156
Manda	191	168	169	164	163
Holt	112	134	139	197	112
Schultz	109	97	115	103	70

J. Austin Shaw.

AT CHICAGO.

The Chicago bowlers made the following scores January 17:

Carnations	1st	2d	3d	Roses	1st	2d	3d
Lorman	125	163	182	Stack	155	142	146
Ayers	131	128	158	Welsh	142	127	133
Schultz	137	108	200	Scheu'm'n	109	166	124
Balluff	156	150	168	Sweeney	148	124	185
A. Zech	191	167	189	Fischer	208	165	153
Totals	740	716	897	Totals	762	724	741

Violets	1st	2d	3d	Orchids	1st	2d	3d
J. Pufunt	176	134	156	J. Zech	139	168	184
Tuck'ski	143	158	150	Graff	169	177	123
Schloss'm'n	143	119	114	Krauss	129	127	111
W. Pufunt	157	142	146	Farley	176	157	170
Byers	114	177	167	Huebner	157	157	154
Totals	733	730	733	Totals	770	786	802

AT MILWAUKEE.

The Milwaukee bowlers made the following scores January 16:

Player:	1st	2d	3d
T. Holton	135	169	...
G. Pohl	126	170	166
G. Hunkel	133	108	151
A. Hare	158	127	145
O. Eggebrecht	97	146	110
Roy Currie	128	125	144
N. Zweifel	130	126	166
P. Nohoz	153	189	136
L. Manus	135	140	109
R. Leitz	156	90	88
C. Gutbrod	129	155	127
E. Oestreicher	124	107	118
G. Rusch	...	...	132

E. O.

AT BUFFALO.

The following scores were made January 22:

Player.	1st.	2d.	3d.
McClure	246	203	233
Sandiford	167	218	166
Wallace	215	192	175
Streit	178	186	161
Grever	160	147	149
Taylor	173	128	154
Savage	126	119	134
Fiebelkorn	127	153	124

SMITH'S ADVANCE

The Earliest Large-flowered

WHITE CHRYSANTHEMUM

We offer young stock from one of the most celebrated growers, 2-in. pots, $1.25 per dozen, $10.00 per 100.

Stock grown to your order.

A. L. RANDALL CO.

66 E. Randolph St., CHICAGO, ILL.

Always mention the Florists' Review when writing advertisers.

Heacock's Palms and Ferns

HOME-GROWN—STRONG AND HEALTHY

Our Palm sales have increased more than 44% during the year 1911 over the sales of the previous year. We are still strong on the following sizes:

Areca Lutescens

	Plants	Height	Each
9-in. cedar tub	Several in tub	5 ft.	$7.50

Kentia Belmoreana

	Leaves	Height	Each	Doz.
2½-in. pot	4	8 to 10 in.		$ 1.50
3-in. pot	5	12 in.		2.00
5-in. pot	6 to 7	18 in.	$0.50	6.00
6-in. pot	6 to 7	24 in.	1.00	12.00
7-in cedar tub	6 to 7	34 to 36 in.	2.50	30.00
7-in. cedar tub	6 to 7	36 to 38 in.	3.00	36.00
9-in. cedar tub	6 to 7	40 to 45 in.	4.00	48.00
9 in. cedar tub	6 to 7	42 to 48 in.	5.00	
9-in. cedar tub	6 to 7	48 to 54 in.	6.00	

Cocos Weddelliana

		Per 100
2½-in. pot	8 to 10 in. high	$10.00

Made-up Kentia Forsteriana

	Height	Each	Doz.
7-in. cedar tub, 4 plants	36 in	$2.50	$30.00
7-in. cedar tub, 4 plants	36 to 40 in.	3.00	36.00
9-in. cedar tub, 4 plants	40 to 42 in.	4.00	48.00
9-in. cedar tub, 4 plants	42 to 48 in.	5.00	60.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
6-in. pot, 18 to 20 in. spread	1.50
7-in. cedar tub, 18 in. high, 24-in. spread	2.00

Cibotium Schiedei

9-in. cedar tub, 4-ft. spread	4.00
9-in. cedar tub, 5-ft. spread	5.00
9-in. cedar tub, 5 to 6-ft. spread	6.00

Joseph Heacock Co., Wyncote, Pa.

Railway Station, JENKINTOWN

Mention The Review when you write.

SPECIAL OFFER

PALM PHOENIX ROEBELENII

From 4-inch pots, ready to shift to 5-inch, $30.00 per 100
From 6-inch pots, $60.00 per 100

5 % Discount for Cash

JOHN LEWIS CHILDS, FLORAL PARK, Long Island, N. Y.

Mention The Review when you write.

Booking Orders NOW for

HELEN NEWBERRY

The Fine Late White Pompon Chrysanthemum

DELIVERY MARCH 1, 1912—ORDERS FILLED IN ROTATION

Prices

100 for $15.00 50 for $7.50 25 for $5.00 12 for $3.00

Send orders to

FRED PAUTKE, Grosse Pointe, Mich. OR **FRED BREITMEYER**, Mt. Clemens, Mich.

NOW IS THE TIME TO CONSIDER

CHRYSANTHEMUM

REQUIREMENTS FOR 1912

It is unnecessary to spend much time and money in setting forth the merits of our products. Our past introductions have (as every florist knows) been of the highest grade.

Our 1911 Novelties were the best offered last year.
Our 1912 Novelties are unequaled by any others.
Ask for our Catalogue. Send your order early and we will do the rest.

Elmer D. Smith & Co., Adrian, Mich.

CHOICE FERNS

FINE STOCK FOR IMMEDIATE SHIPMENT.

Nephrolepis Giatrasii (the improved Scottii fern), 6-in., 75c each; 8-in., $1.50 each; 10-in., extra fine specimens, $3.00 to $5.00 each.
Nephrolepis Harrisii, 10-in., fine specimens, $3.00 to $5.00 each.
Nephrolepis Bostoniensis and Piersoni, 8-in., $1.00 and $1.50 each; 10-in., $3.00 and $4.00 each.
Nephrolepis Scottii, 6-in., 50c each; 8-in., $1.00 each; 10-in., $2.50 each.
Nephrolepis Elegantissima, 8-in., $1.00 and $1.50 each; 12-in., $5.00 and $7.50 each.
Nephrolepis Superbissima, 10-in., $3.00 each.
Nephrolepis Viridissima, 3½-in., 25c each; 6-in., 50c and 75c each; 8-in., $1.00 each; 10-in., $3.00 each
Nephrolepis Magnifica and Elegantissima Compacta, 3½-in., 25c each.

TUBEROUS ROOTED BEGONIAS

We offer a fine strain, from one of the best European growers. Bulbs are first-class, running 1¼ inch and up in diameter. Separate colors; white, pink, scarlet, yellow and crimson. **Double,** $4.00 per 100; $35.00 per 1000; **Single,** $2.50 per 100; $22.50 per 1000.

GLOXINIAS

We offer a very fine strain, embracing an unusual proportion of spotted, white, pink and other choice colors. **Finest mixed,** $3.00 per 100; $25.00 per 1000; **Separate colors,** white, red, blue, blue bordered white, $3.50 per 100.

ASTILBE, or SPIRAEA

Gladstone, case of 100 clumps, $10.00. **Compacta Multiflora and Astilboides Floribunda,** case of 100 clumps, $6.00. **Japonica,** case of 100 clumps, $5.00.

POT-GROWN LILACS FOR FORCING

Marie Le Graye (single white), **Chas. X** (reddish purple), extra fine plants, well budded, $9.00 per dozen.

F. R. PIERSON CO., Tarrytown-on-Hudson, NEW YORK

Mention The Review when you write

Pot-Grown Ferns

NEPHROLEPIS

Scottii, Whitmani, Bostoniensis, Piersoni
4-inch, 15c each; 5-inch, 25c each; 6-inch, 50c each; 7-inch, 75c each; 8-inch, $1.00 each.
Large plants .....$1.50 to $3.00 each

CIBOTIUM SCHIEDEI

7-inch $2.00
9-inch 5.00
10-inch tub 7.50

PALMS

Areca Lutescens, 3-inch, 15c; 4-inch, 25c; 6-inch, $1.00; 9-inch, $5.00; 10-inch tub, $6.00.
Latania Borbonica, 4-inch, 20c; 5-inch, 30c.
Kentia Forsteriana—
4-inch pots.....$25.00 and $35.00 per 100
5-inch pots..... 50.00 and 75.00 per 100
6-inch pots..... 1.00 each
7-inch pots..... 2.50 each. Fine plants.
Kentia Forsteriana—
Combination .....$3.00 to $15.00 each
Kentia Belmoreana—
3-inch pots .....$18.00 per 100
4-inch pots .....$25.00 and 35.00 per 100
5-inch pots ..... 50.00 and 75.00 per 100
Kentia Belmoreana—
Larger plants,.....from $2.50 to $10.00 each
Cocos Weddelliana, 2½-inch pots..$15.00 per 100

FICUS PANDURATA

5-inch $0.75
6-inch 1.50
8-inch 3.00

FICUS ELASTICA

4-inch $0.25
5-inch ..... .35
6-inch .....50c and .75
7-inch .....75c and 1.00

DRACAENA MASSANGEANA

5-inch $1.00
6-inch 1.50
7-inch 2.50
8-inch 3.00

DRACAENA TERMINALIS

4-inch $0.35
5-inch ..... .50

DRACAENA LORD WOLSELEY

4-inch.....$0.50
5-inch ..... .75

PANDANUS VEITCHII

4-inch $0.50
5-inch ..... .75
6-inch 1.00
7-inch 1.50
8-inch 2.00

ASPIDISTRAS

Variegated, 5-inch, strong.....$1.25
Green, 6-inch, strong..... 1.00

ARAUCARIAS

Compacta, 5-inch $1.25
Compacta, 6-inch 1.75
Excelsa, 5-inch ..... .50
Excelsa, 6-inch .....75c and 1.00

CHINESE PRIMROSES

4-inch $0.10
5-inch ..... .20

PRIMULA OBCONICA

4-inch $0.10
5-inch ..... .25

ASPARAGUS SPRENGERI

2¼-inch.....$3.00 per 100

ASPARAGUS PLUMOSUS

2¼-inch $0.04

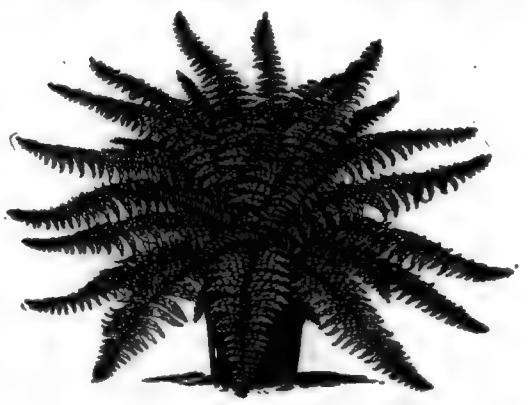
VINCA

Rosea, Rosea Alba, Alba, 2¼-in.....$2.50 per 100

JOHN BADER CO.

1826 Rialto St., N. S., PITTSBURGH, PA

Mention The Review when you write.



ROOSEVELT.

	2¼-in. 100	4-in. 100	5-in. 100	6-in. 100
Boston	$3.50	$12.00	$25.00	$40.00
Whitmani	3.50	12.00	25.00	40.00
Todeoides	3.50	12.00	25.00	40.00
Scottii			25.00	40.00

Asparagus Plumosus, 2-in., $2.00 per 100; $18.00 per 1000; 2½-in., $3.50 per 100; $30.00 per 1000; 3-in., $5.00 per 100; $45.00 per 1000.

	Per 100
Coleus Christmas Gem	$2.50

Roosevelt Ferns

This fern will undoubtedly take the place of Boston in the near future. It is a faster grower, makes twice the runners and finishes up into a large plant in shorter time. 2½-inch, $2.50 per dozen; $17.50 per 100; $150.00 per 1000.

	Per 100
Violets, Wales	$2.50
German Iris, Florentina Alba, earliest large-flowering Iris	2.50
Iris Pallida Dalmatica, lavender, shaded blue	8.00
Clematis Paniculata, 2-in., $2.50 per 100; $20.00 per 1000; field, 1-year, $4.00 per 100; 2-year, $8.00 per 100.	
Phlox Miss Lingard, field clumps, $4.00 per 100; $35.00 per 1000.	

THE REESER PLANT CO., Exclusively Wholesale Plantsmen SPRINGFIELD, OHIO

Mention The Review when you write.

Three Knocks at Our Door

"Who is there at such a late hour?" remarked our maid. "I have been wandering around for miles to see Mr. Godfrey Aschmann," remarked a fellow florist, looking tired and weary, almost played out, the other day. "I am at the right place, 1012 Ontario street," and knowing Mr. Aschmann, standing right before him, he told him his trouble. "I have been looking for good ferns for my customers for the past week and I have been told to go and see Mr. Aschmann, he making a specialty of ferns. What have you got to offer?" One of our workmen brought a lantern and you ought to have seen how our new visitor was impressed with them, and ordered to be delivered at once, 50 Whitmani, 6-inch, at 50 cents; 25 Boston, 6-inch, at 50 cents; 25 7-inch, at 75 cents; 50 Scottii at 50 cents; 50 Scholzeli, 5½-inch, at 40 cents; 25 6-inch, at 50 cents; 25 7-inch, at 75 cents and, to make the collection complete, 50 8-inch, at $1.00, $1.25 and $1.50. Total, 300 ferns in all.

We have a large stock of **Boston, Whitmani, Scholzeli and Scottii,** 5½, 6, 7, 8-inch, at 30 cents, 40 cents, 50 cents, 75 cents, $1.00, $1.25 to $1.50. **Giatrasii,** 4-inch, 20 cents; 5 to 5½-inch, 30 to 40 cents. Good ferns are always in demand, both in winter and spring. Here is your chance to lay in a supply before all are gone. Cash with order, please.

GODFREY ASCHMANN, 1012 W. Ontario St., Philadelphia, Pa.

Mention The Review when you write.

40,000 S. A. NUTT

To be disposed of at once to make room for later stock; consisting of 2¼-inch and 3½-inch, all ready to shift. They are strong and healthy plants.

We also have about **12,000 Mixed Plants** (mixed by mistake), that we are offering at a bargain; they are unnamed, but consist of single and double white, single and double pink and single and double red. Write for prices.

The Meredith Flower & Vegetable Co., LIBERTYVILLE, ILL.

Mention The Review when you write.

MILWAUKEE.

The Market.

That the recent cold weather was directly responsible for the slack business was proven, for when warmer weather set in last week business again became more active. The trouble, though, was the scarcity of stock in most lines. Roses and carnations were not up to the demand at any time. Beauties are still scarce. Tulips and trumpet narcissi moved well, while Paper Whites and Romans did not fare so well. Violets again held their own, while the sale for valley was wanting.

Various Notes.

Julius Boelter, of Boelter & Zuehlke, Appleton, Wis., was a mid-week visitor. It might be added that he wore that smile that won't come off, due to the fact that it is now Mr. and Mrs. J. Boelter; Mrs. Boelter was with him.

Charles Menger has become a member of the Milwaukee Florists' Auto Club, having purchased a forty-five horse-power Peerless machine for delivery purposes. He says it was just the thing during the holiday rush, which exceeded that of any previous year.

Though they have done away with Sunday funerals, the force at the store of Currie Bros. Co. say matters are worse than before. Now that the funerals fall on Monday, they are compelled to work Sunday evenings to get out the work which formerly was done on Saturday nights.

The Baumgarten Floral Co. says that since the cold weather has stopped, the firm has been kept busy, mainly with funeral work.

The C. C. Pollworth Co. is the only local wholesale house, at this writing, that is trying to create a demand for carnations for McKinley day, January 29, by displaying neatly printed advertising matter to that effect.

Gust Rusch & Co. complained of a shortage in light colored stock, especially white roses, for funeral work last week.

The Holton & Hunkel Co., which handles the famous Watertown, Wis., violets, reports that sales in that line were quite satisfactory last week.

Visitor: N. J. Rupp, of the J. C. Moninger Co., Chicago. E. O.

Racine, Wis.—During the recent zero weather the green houses of W. Jackson, on the Lake Shore road, south of the city, could not be sufficiently heated and his stock of flowers and vegetables was badly damaged.

20% DISCOUNT ON PLANTS AND R. C.

Asp. Pl. Nanus, 2-in., 2c; 3-in., 4c. **Alternantheras**, best red and yellow, R. C., 50c per 100. **Dracaena** Indivisa, 2-in., strong, 1½c. **Daisies**, giant marg., white and yellow, 2-in., 2c; **Double Hardy** Snowball and Longfellow, $2.00 per 1000. **Alyssum**, Double Giant, 2-in., 2c. **Fuchsias**, 5 kinds, R. C., $1.00 per 100; small, 3-in., bargain at 2c net. **Heliotropes**, blue, R. C., 70c per 100; 2-in., 1½c. **Primula**, Chinese, fringed, mixed and obc. grandif., mixed, 2-in., bud and bloom, 1¾c; 3-in., Chinese and obc. gigantea, in pink shades, 3c. **Salvias**, Bonfire and Splendens, R. C., 75c per 100.

Discount for Jan. Cash with order only.

E. W. Byer, Prop. S. Fl. Co., **Shippensburg, Pa.**

MARGUERITES

Giant flowering, 3-in., very bushy.....per 100, $5.00
Mrs. F. Sander, 3-in., bushy.....per 100, 7.00
Mrs. F. Sander, 2½-in.....per 100, 4.00

This stock is grown specially for our New York Easter trade, and is first-class in every respect, just right for transplanting into large pots and pans.

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We have a splendid assortment of standard varieties and novelties ready for immediate shipment, from 2-inch pots, at prices from $2.00 per 100, $18.50 per 1000, up to 50c each.

If you haven't our catalogue, send for it.

SPECIAL OFFER:

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	2-inch Per 100	3-inch Per 100
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Silver-Leaf S. A. Nutt, Mountain of Snow, Mrs. Pollock,	3.00	4.00
Ivy Leaved, Rycroft's Surprise, Mrs. Banks, etc.	2.00	3.00
Lobelia Kathleen Mallard	2.00	
Hardy English Ivy, strong stock		3.00
Double Petunias, mixed colors and white	2.00	3.00
Verbena, red, white, blue, pink and variegated	2.00	3.00
Lemon Verbena (Aloysia Citriodora)	2.00	3.00
Swainsona Alba	2.00	3.00
Tradescantia Zebrina Multicolor	3.00	
Coleus, 10 varieties, Verschaffeltii, Golden Bedder, etc.	2.00	3.00
Salvias, Bonfire, Zurich, propagated from cuttings	2.00	3.00

R. Vincent, Jr., & Sons Co., White Marsh, Md.

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Small Ferns for dishes—Pteris Mayii, Serrulata Cristata Variegata, Wimsetti, Cretica Albo-Lineata, $3.00 per 100, $25.00 per 1000.

Aspidium Tsussimense and Cyrtomium Falcatum, $3.50 per 100, $30.00 per 1000.

Asparagus Plumosus, 2½-in., $3.00 per 100, $25.00 per 1000.

Asparagus Sprengeri, 2½-in., $2.50 per 100, $22.00 per 1000.

Pandanus Utilis, 3-in., $10.00 per 100; 4-in., $20.00 per 100.

Cocos Weddelliana, 2½-in., $10.00 per 100.

Kentia Belmoreana and Forsteriana—Made-up and single plants, all sizes. Special value in made-up Forsteriana, 4 plants in 8-in. tubs, 40 to 44 in. high, $4.00 each; 8-in. tubs, 44 to 48 in. high, $5.00 each (very bushy).

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Lantanas, 8 fine varieties, $3.00 per 100.

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New York Branch, 25 W. Broadway.

CALCEOLARIAS.

Calceolaria hyb. grandiflora, extra fine and strong, must go into 3½ or 4-in.; if taken at once, before shifted, will take 10c, or $25.00 for 300. Cash. N. P. Colberg, Princeton, Ill.

CALLAS.

Some fine stock of Godfrey callas from stock of the first distributor; the one to grow for paying results. 2½-in. plants, will soon make blooming plants, at $5.00 per 100, $45.00 per 1000. Also a lot of started plants in flats, for prices of which write. N. O. Caswell, Delavan, Ill.

Dwarf calla, Little Godfrey, gives three times the number of flowers in the same space than old ones; they bloom in 3-in. pots. Plants in 2-in. pots, $4.00 per 100. Cash. Try a few. John F. Sabransky, Kenton, O.

Godfrey callas bring 3 flowers to 1 of the common, and bloom from 3-in. pots; 3-in., $6.00 100. Cash with order. See my cyclamen adv.
C. Winterich, Cyclamen Specialist, Defiance, O.

Godfrey callas. We have the following sizes left; 75 in 2½-in. pots, 24 in 3-in. pots, 26 in 3½-in. pots, 125 plants; $5.50 cash takes the lot. The Newburys, Mitchell, S. D.

Godfrey callas, ready for 2-in. pots, ready for sale, good stock, $20.00 per 1000. Callas in flats. B. F. Hensley, Knightstown, Ind.

Godfrey callas, 2-in., $2.50 per 100.
H. Hills, Elkhart, Ind.

Callas, good flowering strain; strong from flats, $1.00 per 100. Bell Floral Co., Franklin, Pa.

CANNAS.

Cannas. Crimson Bedder, Paul Marquant, Burbank, Duke of Marlborough, Pfitzer's Meteor, A. Bouvier, $1.25 per 100; $11.50 per 1000. Pennsylvania, Alsace, Beaute Poitevine, Souv. d'A. Crozy, Chas. Henderson, $1.50 per 100; $14.00 per 1000. Order now for present or future shipment. Ford Seed Co., Dept. 76, Ravenna, O.

Cannas. Florence Vaughan, Chas. Henderson and Austria, $1.50 per 100. King Humbert and Robusta, $3.00 per 100. Black Beauty and America, $2.00 per 100.
Wm. Eschrich Co., North Milwaukee, Wis.

Cannas, Chas. Henderson, Egandale, Ant. Crozy, Bouvier and Queen Charlotte, $20.00 per 1,000. King Humbert, $3.00 100; $25.00 1,000.
Jas. Ambacher, West End, N. J.

THE IMPROVED CANNA.
64 varieties, including Mrs. A. F. Conard and the finest new ones. Send for price list.
Conard & Jones Co., West Grove, Pa.

Canna C. Henderson. Dry bulbs, 1 to 3 eyes, $2.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

CARNATIONS.

ROOTED CARNATION CUTTINGS.
All cuttings have our guarantee back of them.

	Per 100	Per 1000
Wodenethe	$12.00	$100.00
Afterglow	3.00	25.00
Beacon	4.00	30.00
Bonfire	6.00	50.00
Enchantress	3.00	25.00
Gloriosa	6.00	50.00
Princess Charming	6.00	50.00
Rosette	12.00	100.00
Rose-pink Enchantress	3.00	25.00
Mrs. Ward	4.00	30.00
Washington	6.00	50.00
White Enchantress	4.00	30.00
White Perfection	3.00	25.00
White Wonder	6.00	50.00
Winsor	3.00	25.00
St. Nicholas	12.00	100.00
Comfort	6.00	50.00
Brooklyn	12.00	100.00
Dorothy Gordon	4.00	35.00
Pennsylvania	3.50	30.00

S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

CARNATIONS.
ROOTED CUTTINGS.
IMMEDIATE DELIVERIES.
Wodenethe, the greatest white, and Brooklyn, an absolutely reliable cerise pink, $12.00 per 100; $100.00 per 1000.
Princess Charming, White House, White Wonder and Gloriosa, $6.00 per 100; $50.00 per 1000.
Winsor, Harlowarden, Sangamo, Mrs. Patten and White Perfection, $3.00 per 100; $25.00 per 1000. Chas. H. Totty, Madison, N. J.

CARNATION ROOTED CUTTINGS.
We are rooting over 200,000 this season of the leading commercial varieties. Our stock of Enchantress and Pure White Enchantress is hard to beat and you can depend upon the stock being right when you house your plants in the fall. Be sure you get reliable stock. If our cuttings are not satisfactory they may be returned immediately and money will be refunded. Orders received on or before Feb. 1 we will allow a discount of 5% from the following prices for cash:

	100	1000
Enchantress	$3.00	$25.00
Pure White Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Mrs. C. W. Ward	3.50	30.00
Dorothy Gordon	3.50	30.00
White Wonder	6.00	50.00

250 at 1000 rate. Cash or reference.
Smith & Gannett, Geneva, N. Y.

CARNATION CUTTINGS READY FOR SHIPMENT.

	100	1000
Enchantress	$2.00	$17.50
White Enchantress	2.00	17.50
Lady Bountiful	2.00	17.50
White Perfection	2.00	17.50
White Wonder	8.00	65.00
Harlawarden	1.50	12.50
Beacon	3.00	25.00
Sangamo	3.00	25.00
Dorothy Gordon	3.00	25.00
Andrew Carnegie	1.50	12.50
Winsor	2.00	15.00
J. W. Riley	6.00	50.00

CASH WITH ORDER, OR REFERENCE.
Hollywood Gardens, 1534 Second Ave., Seattle, Wash.

CARNATION ROOTED CUTTINGS.
Best cuttings obtainable, from strong, vigorous plants.

	100	1000
White Wonder	$6.00	$50.00
Gloriosa	6.00	50.00
Rose-pink Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
Lawson-Enchantress	2.50	20.00
White Perfection	3.00	25.00
Sangamo	3.00	25.00
Victory	3.00	25.00

2 and 2¼-in. pot plants, $5.00 per 100 extra.
Rolf Zetlitz, Lima, Ohio.

CARNATION CUTTINGS FROM SAND.
Carefully selected, healthy stock.

	100	1000
Washington	$6.00	$50.00
Bright Spot	6.00	50.00
Mrs. C. W. Ward	4.00	35.00
Sangamo	3.00	25.00
Dorothy Gordon	3.00	25.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
White Perfection	3.00	25.00
May Day	3.00	25.00
Beacon	3.00	25.00
Scarlet Glow	3.00	25.00

A. C. Brown Springfield, Ill.

CARNATION CUTTINGS.
Clean, healthy and well rooted stock.

	Per 100	Per 1000
White Wonder	$6.00	$50.00
Washington	6.00	50.00
Gloriosa	6.00	50.00
Dorothy Gordon	4.00	35.00
Pink Delight	5.00	40.00
Beacon	4.00	30.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00

Cash with order. Satisfaction guaranteed.
MIAMI FLORAL CO.,
Geo. Bartholomew, Mgr.
24 N. Main St., Dayton, O.

ROOTED CARNATION CUTTINGS.
Our stock is noted for quality. Guaranteed strictly first-class.

	100.	1000
White Wonder	$6.00	$50.00
Beacon	4.00	30.00
Gloriosa	6.00	50.00
Dorothy Gordon	4.00	30.00
Enchantress	3.00	25.00
Mrs. Ward	3.00	25.00
May Day	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Scarlet Glow	3.00	25.00
Victory	3.00	25.00
White Enchantress	3.00	25.00

G. Van Bochove & Bro., Kalamazoo, Mich.

CARNATION ROOTED CUTTINGS.
Strong, clean, healthy stock.

Enchantress	$3.00 100;	$25.00 1000
Rose-pink Enchantress	3.00 100;	25.00 1000
White Enchantress	3.00 100;	25.00 1000
Dorothy Gordon	3.00 100;	25.00 1000
Scarlet Glow	3.00 100;	25.00 1000
O. P. Bassett	3.00 100;	25.00 1000
Beacon	3.00 100;	25.00 1000
White Wonder	6.00 100;	50.00 1000
Washington	6.00 100;	50.00 1000
Bright Spot	6.00 100;	50.00 1000

A. JABLONSKY,
Olivette, St. Louis County, Mo.

ROOTED CARNATION CUTTINGS.

	100	1000
White Enchantress	$3.00	$25.00
White Perfection	3.00	25.00
Beacon	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Enchantress	2.50	20.00

Cash with order.
J. Blechschmid, 4300 E. 122nd St., Cleveland, O.

CARNATION ROOTED CUTTINGS.
Immediate Delivery.

	100	1000
Gloriosa	$6.00	$50.00
Norwood	6.00	50.00
Dorothy Gordon	4.00	35.00
White Perfection	3.50	30.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
Beacon	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Winsor	2.50	20.00

Thompson Carnation Co., Joliet, Ill.

ROOTED CARNATION CUTTINGS.

	100	1000
White Enchantress	$3.50	$30.00
Mrs. Ward	3.50	30.00
Alma Ward	3.50	30.00
Beacon	3.50	30.00
Enchantress	3.00	25.00
White Perfection	3.00	25.00
Winona	3.00	25.00

Absolutely no disease, rooted cool.
Sarah I. Smith, Secane, Del. Co., Pa., or
Edw. Reid, 1619-21 Ranstead St., Philadelphia.

ROOTED CARNATION CUTTINGS.

Enchantress	$2.00 100;	$18.00 1000
Pure White Enchantress	2.00 100;	18.00 1000
Rose-pink Enchantress	2.00 100;	18.00 1000
Sangamo	1.75 100;	15.00 1000
May Day	1.75 100;	15.00 1000
Winsor	1.50 100;	12.50 1000
M. A. Patten	1.50 100;	12.50 1000

Cash or C. O. D.
MILLER BROTHERS,
(Formerly John H. Miller)
5558 N. Lincoln St., Chicago.

Rooted cuttings of carnations for immediate and future delivery, guaranteed to give satisfaction.

White Enchantress	$3.00 100;	$25.00 1000
Enchantress	3.00 100;	25.00 1000
Beacon	3.00 100;	25.00 1000
Victory	3.00 100;	25.00 1000
Mrs. C. W. Ward	3.00 100;	25.00 1000
Dorothy Gordon	3.00 100;	25.00 1000
Rose-pink Enchantress	3.00 100;	25.00 1000

Chas. Knopf Floral Co., Richmond, Ind.

FINE CARNATION ROOTED CUTTINGS.

	100	1000
White Perfection	$3.00	$25.00
Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Beacon	3.00	25.00
Winsor	2.00	18.00
Pink Lawson	2.00	18.00
C. W. Ward	3.50	30.00

UNITED STATES CUT FLOWER CO.,
ELMIRA, NEW YORK.

Carnation cuttings from most reliable growers. Satisfaction assured.

	100	1000
White Wonder and Gloriosa	$6.00	$50.00
Pink Delight (March delivery)	5.00	40.00
White Enchantress, White Perfection	3.00	25.00
Enchantress, R. P. Enchantress	3.00	25.00
Mrs. C. W. Ward (pink)	3.50	30.00
Beacon (selected stock)	3.50	30.00

R. J. Irwin, 3097 Broadway, New York, N. Y.

ROOTED CARNATION CUTTINGS.

	100	1000
Enchantress	$3.00	$25.00
Rose-pink Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Beacon	3.00	25.00
May Day	3.00	25.00
Winsor	2.50	20.00
White Perfection	3.00	25.00

Cool grown, strong, well rooted cuttings.
Warrick Bros., 498 Locust Ave., Washington, Pa.

FINE CARNATION CUTTINGS
WELL ROOTED

	100	1,000
Victory	$2.00	$15.00
Winsor	2.00	15.00
White Lawson	2.00	15.00
Pink Lawson	2.00	15.00
Washington	6.00	50.00
Enchantress	3.00	25.00

WIETOR BROS.,
162 North Wabash Ave. Chicago

ROOTED
CARNATION CUTTINGS.
MRS. C. W. WARD.
ALMA WARD.
$3.50 per 100.
$30.00 per 1000.
READY FOR DELIVERY NOW.
Also all standard varieties.
THE LEO NIESSEN CO.,
12TH & RACE STS., PHILADELPHIA, PA.

Princess Charming	$50.00 per 1000
White House	50.00 per 1000
White Enchantress	25.00 per 1000
Rose-pink Enchantress	25.00 per 1000
Enchantress	25.00 per 1000
Winsor	20.00 per 1000

All cuttings, well rooted side shoots. Cash with order from unknown parties. 5% discount when cash accompanies order.
Alex A. Laub, New Hamburgh, N. Y.

Rose-pink Enchantress	$25.00 per 1000
Winsor	20.00 per 1000
Melody	20.00 per 1000
White Lawson	20.00 per 1000
Harlowarden	20.00 per 1000
Carnegie	18.00 per 1000

Cash, please. Satisfaction guaranteed.
EHMANN'S, CORFU, N. Y.

CARNATIONS—Continued.

	100	1000
White Wonder	$6.00	$50.00
Mrs. C. W. Ward	3.00	27.50
Enchantress May Day	3.00	25.00
W. Perfection, W. Enchantress	3.00	25.00

10% discount for cash.
W. Frank & Sons, Portland, Ind.

CARNATION CUTTINGS.

Winsor	$1.50 100;	$12.50 1000
May Day	2.00 100;	17.50 1000
Sangamo	2.00 100;	15.00 1000

Also other standard varieties.
A. J. Stahelin, Redford, Mich.

Carnation rooted cuttings, now ready. Winsor, $15.00 per 1000. Victory, $15.00 per 1000. Enchantress, $20.00 per 1000. R. P. Enchantress, $20.00 per 1000. White Enchantress, $25.00 per 1000. Cash, please.
Geo. A. Relyea, Orchard Pl., Poughkeepsie, N. Y.

Carnation rooted cuttings. Christmas Cheer, the great scarlet pot carnation, sells quickly at Christmas at $1.00 to $1.50 per pot. Try a few at $5.00 per 100, also Beacon and Victory at $3.00 per 100.
S. N. Peck, 424 Superior St., Toledo, O.

Carnations. Enchantress, now ready, $2.00 per 100; $18.00 per 1000. White Enchantress, $2.50 per 100; $20.00 per 1000. Princess Charming, $5.00 per 100. May Day, $2.50 per 100.
Jas. Wheeler, Florist, Natick, Mass.

Strong, well rooted carnation cuttings. Winsor and Victory, $2.00 per 100; $15.00 per 1000. White Perfection, $2.50 per 100; $20.00 per 1000. Mrs. C. W. Ward, $3.00 per 100. Cash or C. O. D.
Northwestern Floral Co., Gross Point, Ill.

Carnation rooted cuttings. Beacon, $3.00 per 100, $25.00 per 1000; Enchantress, Rose-pink, White Enchantress and White Perfection, $2.50 per 100; $20.00 per 1000.
Scharff Bros., Van Wert, O.

Enchantress, Rose-pink Enchantress, and Pure White Enchantress, well rooted, $2.50 per 100, $20.00 per 1,000; unrooted, $10.00 per 1,000; from 2-in. pots, $30.00 per 1,000. Ready now. Cash. Daut Bros., Decatur, Ill.

Carnation White Wonder, fine, strong rooted cuttings, $6.00 per 100; $50.00 per 1000. Cash with order.
Hillsborough Nurseries, Burlingame, Calif.

Carnation rooted cuttings, strong, clean, healthy stock. White Enchantress and Enchantress, $2.50 per 100; $20.00 per 1000.
Riverside Floral Co., Columbus, O.

Fine lot of strong, well rooted Enchantress cuttings, $2.50 per 100; $20.00 per 1000. Special price on large lots.
Paul E. Weiss, Maywood, Ill.

Carnation rooted cuttings, Charming Princess, $5.00 per 100.
J. R. Falkenstein, Naperville, Ill.

Carnation rooted cuttings, Enchantress and White Perfection, $2.00 100; $18.00 1000. Cash with order. Reid & Chalmers, Elmhurst, Ill.

Carnation rooted cuttings. Enchantress, White Enchantress, Winsor, Beacon, $3.00 per 100.
Marine City Floral House, Marine City, Mich.

Write Locust Street Greenhouses, Oxford, Pa., for price list of well rooted cuttings.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS. If you want good, healthy, strong plants from 2¼-in. pots, or rooted cuttings, send us your order for immediate or later delivery of the following: Golden Glow, Bonnaffon, Col. Appleton, Eaton, Jones, Maud Dean, Dr. Enguehard, Jeanne Nonin, plants, $3.00 per 100, $25.00 per 1000; rooted cuttings, $1.00 per 100, $8.00 per 1000. Donatello, W. E. Kelley, Wm. Duckham, Elise Papworth, Virginia Poehlmann, Edmond Albe, Gloria, plants, $4.00 per 100; rooted cuttings, $2.00 per 100.

POMPON AND DAISY CHRYSANTHEMUMS. Diana, Zenobia, Mary Richardson, Baby, Nellie Blythe, Kitty Bourne, Minnesota, $3.00 per 100, $25.00 per 1000; rooted cuttings, $1.00 per 100, $8.00 per 1000. Minta, the new Enchantress pompon, $4.00 per 100; $35.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

CHRYSANTHEMUM ROOTED CUTTINGS.
Ready for delivery Feb. 20.

	100	1000
CRIMSON—		
Pockett's Crimson	$2.50	$20.00
Intensity	2.00	15.00
WHITE—		
Alice Byron	2.00	15.00
Tousett	2.00	15.00
Virginia Poehlmann	2.00	15.00
October Frost	2.00	15.00
YELLOW—		
Crocus	4.00	35.00
Golden Glow	2.00	15.00
Halliday	2.00	15.00
Major Bonnaffon	2.00	15.00
PINK—		
Pacific Supreme	2.00	15.00

Thompson Carnation Co., Joliet, Ill.

FINE MUM STOCK PLANTS.
READY FOR SHIPMENT.
$4.00 per 100.
Cash with order.

50 Mary Jane	200 Pockett's Crimson
25 Golden Wedding	200 Pacific Supreme
25 Major Bonnaffon	100 Y. Miller
200 Nonin	200 Polly Rose
100 Beatrice May	75 Glory Pacific
25 Timothy Eaton	75 Pink Globe

500 October Frost.
Hayman Greenhouse Co., Clarksburg, W. Va.

A NEW SINGLE CHRYSANTHEMUM.
MARY COLLADAY.
A seedling of Garza, extremely free and excellent keeping qualities. Color a rich rose lavender pink and Garza in size and form. Strong 2¼-in. stock, $4.00 per doz.; $25.00 per 100.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

$3.50 per 100; 60c per doz., cash with order, for the following stock plants: Golden Glow, October Frost, Opah, Estelle, Gloria, Halliday, Robinson, Mrs. Weeks, Alice Byron, Wm. Duckham, Pres. Taft, Honesty, Philadelphia, White and Yellow Bonnaffon, Trainor Park, Golden Wedding, Dr. Enguehard, John Burton, Jeanne Nonin, Yanoma. The Newburys, Mitchell, S. D.

Extra strong 2-in. plants of the finest and earliest white chrysanthemum, Smith's Advance, $1.25 per doz., $10.00 per 100; rooted cuttings from soil, $8.00 per 100. Chrysanthemum Glen Cove, a 1911 novelty, an extra large pink; strong 2-in. plants, 25c each, $2.00 per doz.
Jos. F. Klimmer Estate, Forest Park, Ill.

The FLORISTS' MANUAL, by Wm. Scott, covers the whole field of commercial floriculture. Articles are arranged alphabetically so that reference is quick and easy. Price, $5.00, carriage charges prepaid. Send in your order now.
Florists' Pub. Co., Caxton Bldg., Chicago.

Pompon chrysanthemum Diana, the best double white pompon, surely a moneymaker for the commercial florist. Stock plants, $4.00 per 100; rooted cuttings, $1.00 per 100, or will exchange for bedding plants.
C. P. Bethards, Florist, Springfield, O.

Chrysanthemum cuttings for early delivery. Golden Chadwick, W. H. Chadwick, Yellow Eaton, White Eaton, W. T. Brock (incurved Thanksgiving pink), $2.50 100; $20.00 1000. All other varieties at market prices.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Smith's Advance R. C., from soil, $5.00 100. Chrysolora, fine, from 2¼-in., $20.00 100; R. C., $15.00 100. Amorita R. C., $1.25 100. Golden Glow, Appleton R. C., $1.00 100. Will exchange for some W. Enchantress, R. C.
G. A. Lotze, Glen Burnie, Md.

50,000 CHRYSANTHEMUM CUTTINGS,
$10.00 per 1000.

Yellow Bonnaffon	Diana
Garza	Richardson
	Yellow Baby

J. R. Falkenstein, Naperville, Ill.

"CHRYSANTHEMUMS FOR THE MILLION."
A record of notes on the culture of the chrysanthemum, by growers situated in every section of the United States, with an introduction by the author, C. H. Totty. Price, 25c.
Chas. H. Totty, Madison, N. J.

Chrysanthemum Smith's Advance, the early white, without a rival, easy to grow, does not damp, petals tight. Well rooted tips, $5.00 per 100. My stock is large and cool grown. I want rooted Gloriosa carnations and will exchange.
Maurice J. Brinton, Christiana, Pa.

Chrysanthemum rooted cuttings. Enguehard (pink), Bonnaffon (yellow) and Nonin (white), $2.00 per 100; $17.50 per 1000. Smith's Advance (new early white), $5.00 per 100.
Albert M. Herr, Lancaster, Pa.

Chrysanthemum stock plants. G. Glow, Crocus, Gloria, Enguehard, Oct. Frost, Polly Rose, 50c per doz.; $3.00 per 100, or will exchange for any stock I can use.
H. S. McClenahan, Oklahoma City, Okla.

Patty and Dolly Dimple rooted cuttings, $3.00 per 100, $20.00 per 1000; out of 2½-in. pots, $4.00 per 100, $35.00 per 1000. Satisfaction guaranteed. Cash with order.
Conrad Schultz, Westerly, R. I.

Yellow Bonnaffon chrysanthemums, nice, strong plants, to close out, $4.00 per 100 clumps.
Carl R. Lloyd,
Sweet Hill Greenhouses, Plaistow, N. H.

We have 5000 Smith's Advance chrysanthemum rooted cuttings ready to ship at $5.00 per 100. Cash with order. You had better hurry.
The Newburys, Mitchell, S. D.

Chrysanthemum rooted cuttings, Yellow Bonnaffon, White Bonnaffon and Robinson, $1.00 100; $9.00 1000.
Gray Floral Co., 301 Harrison, Denver, Colo.

Pompon chrysanthemum stock plants. Diana, 3c each, $3.00 per 100; rooted cuttings, $1.00 per 100.
F. W. Ude & Son, 650 N. Dickson, Kirkwood, Mo.

Chrysanthemum, 2-in. pots. Smith's Advance, Unaka, Glen Cove. Mrs. David Syne, $7.00 per 1000.
Eli Cross, 25 Monroe, Grand Rapids, Mich.

Fine healthy stock, Smith's Advance. Rooted cuttings, $4.00 per 100; 2½-in., $6.00 per 100. Special prices per 1000.
Will Bros. Co., Box 29, Minneapolis, Minn.

Chrysanthemums, best commercial varieties. Rooted cuttings, $10.00 per 1000. Orders booked.
McRae-Jenkinson Co., Cheswick, Pa.

5000 strong stock plants of Dr. Enguehard and Willowbrook, $1.50 per 100. Cash.
Ernsberger Bros., Celina, O.

Chrysanthemum stock plants, strong. Mrs. Parr, Pres. Roosevelt, Helen Frick, $3.00 per 100.
Mercer Floral Co., Bowling Green, O.

Stock plants of yellow Garza, new, at 50c each., $5.00 per doz.
Jacob Russler, 114th and Avon, Morgan Park, Ill.

CINERARIAS.

Cinerarias. Vaughan's Columbian, James' Prize, Matchless Dwarf, azure blue, white, blood red and old rose, 3-in., ready for 4-in., $4.00; 4-in., in bud, $8.00; 5-in., in bud, $15.00 per 100. Fine, clean stock. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Cineraria hybrida grandiflora, Columbian, 3-in., strong, ready for 4 or 5-in., 4c. Cash.
N. P. Colberg, Princeton, Ill.

Cineraria hybrida grandiflora. Strong 2¼-in. stock, $2.00 per 100. Cash.
Freeport Floral Co., Freeport, Ill.

Vaughan's Columbian cinerarias. Large, 3-in., ready for shift, 4c.
Addems, Morgan & Co., Paxton, Ill.

Cinerarias, Columbian mixture, strong 2½ and 3-in., $2.50 and $4.00 100. Cash, please.
Rober & Radke, Maywood, Ill.

Cinerarias, finest large flowering dwarf hybrids, in mixture, established in 3-in. pots, $4.00 per 100. Cash. Russell Bros., R. 4, Syracuse, N. Y.

Cinerarias for Easter, 2-in. pots, $2.00 per 100. John Irvine & Sons, Bay City, Mich.

Cinerarias, strong, well grown 3-in., 4c.
M. S. Wiecking Co., Bluffton, Ind.

Cinerarias. The largest flowers. See display adv. J. W. Miller, Shiremanstown, Pa.

COLEUS.

Coleus, $4.00 per 1000; 60c per 100 by mail. 100,000 good, strong, clean, well rooted cuttings now in sand. We are the largest growers of coleus cuttings in the world. Over 1,000,000 sold in a season. Verschaffeltii, Golden Bedder, Queen Victoria, Firebrand and all other leading varieties. Come and see them. Cash with order. C. Schulze & Son, 261-75 Lawrence, Flushing, L. I., N. Y.

Coleus, standard varieties, including Verschaffeltii, Golden Bedder, 2-in., $2.00 per 100; $18.50 per 1000; rooted cuttings, 60c 100; $5.00 1000. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Coleus. Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Coleus, 47 varieties, R. C., 60c per 100, $5.00 per 1000; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Coleus, strong, clean 2-in., $2.00 per 100; Verschaffeltii rooted cuttings, $6.00 per 1000. Cash, please. Rudolf Nagel, Lancaster, Pa.

Coleus rooted cuttings, 15 varieties, $5.00 per 1000. On large lots, please write me.
U. G. Harglerode, Shippensburg, Pa.

Coleus, 8 varieties, all good ones, strong 2-in., 2c. W. H. Zimmerman, Ashland, O.

Coleus, 6 good vars. R. C., 60c 100; $5.00 1000.
McRae-Jenkinson Co., Cheswick, Pa.

Coleus, best collection in the U. S.
Albert M. Herr, Lancaster, Pa.

Coleus R. C., best varieties, 75c per 100.
John Irvine & Sons, Bay City, Mich.

CROTONS.

Croton aurea maculata, 3-in. pot plants, $8.00 per 100.
Storrs & Harrison Co., Painesville, O.

CUPHEAS.

Cupheas, 2-in., strong, 1¾c; rooted cuttings, 60c per 100. Cash. H. S. Brandt, York, Pa.

Cupheas (cigar plant), R. C., 70c per 100.
John Irvine & Sons, Bay City, Mich.

CYCLAMEN.

150,000 giant cyclamen seedlings. We claim the finest commercial strain in this country. Mr. A. Hange, Birmingham, Ala., says, "I planted 100 of your seedlings last year (1910) in comparison with 2500 of from so-called unrivalled, high-priced English strains, but yours outgrew them." Transplanted August seedlings, $3.00 per 100; $25.00 per 1000; 3, 4, 5 and 6-in. plants, now blooming, from 10c to 75c each. Cash with order. See my Godfrey calla adv.
C. Winterich, Cyclamen Specialist, Defiance, O.

CYCLAMEN.

5-in.	$20.00 per 100
4-in.	10.00 per 100
3-in.	7.00 per 100

This is the noted Winterich strain; plants in good shape, we must reduce our stock.
Swan Peterson Floral Co., Gibson City, Ill.

Cyclamen persicum grandiflorum, 2½-in., ready for 3½ or 4-in., grown cold and close to the glass; just the thing for Easter and spring sales. If taken at once will take 7c, or $18.00 for 300. Transplanted seedlings, fine bulbs, 3c, or $7.00 for 300. Cash. N. P. Colberg, Princeton, Ill.

HANDSOMELY IN FLOWER.
A few hundred most beautiful cyclamen, 25c, 40c, 50c, 75c, $1.00 and $1.50 each. Try a dozen—see their value.
Gullett & Sons, Lincoln, Ill.

Cyclamen my specialty. Extra quality 5-in., $6.00 to $9.00 doz.; 6-in., $9.00 to $12.00 doz.; specimens, $1.50 to $2.00 each.
R. J. Southerton, Cyclamen Specialist,
Highland Park, Ill.

Cyclamen splendens giganteum hybrids, twice transplanted from flats, in five colors, $3.50 per 100; $30.00 per 1,000.
Paul Mader, East Stroudsberg, Pa.

Cyclamen seedlings, giant flowering strain, $3.50 per 100, $30.00 per 1000; 2½-in., $5.00 per 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Cyclamen giganteum, transplanted August seedlings, best strain, separate colors, $2.50 per 100; $20.00 per 1000 prepaid.
Wm. Eschrich Co., North Milwaukee, Wis.

We have a fine lot of cyclamen seedlings, very good imported strain, to offer in 6 separate vars., $1.50 per 100; $12.50 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Strong, healthy, large flowering cyclamen seedlings, 12 varieties, $2.00 per 100. Cash with order.
E. Friederichsen & Sons, Wilton Jct., Ia.

Cyclamen, red and good mixed, seed of good German strain, 2¼-in., $4.00 per 100; 3-in., $6.00 per 100. Schmidt & Botley Co., Springfield, O.

Cyclamen, best giant, mixed colors, 2¼-in., $4.00 per 100; 3-in., $6.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

1000 large flowering mixed cyclamen in 2½-in., 3c, to clean up.
U. G. Harglerode, Shippensburg, Pa.

Cyclamen, full of buds, 3-in., $6.00; 4-in., $12.00 per 100. Get ready for Easter. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen persicum.
J. Hasslach, St. Remy de Provence, France.

Cyclamen giganteum, 4-in., 10c.
M. S. Wiecking Co., Bluffton, Ind.

Cyclamen giganteum. See display adv.
J. W. Miller, Shiremanstown, Pa.

DAHLIAS.

COMMERCIAL DAHLIAS. DOROTHY PEACOCK is not only the loveliest but the world's best pink dahlia. Verification: Cut blooms sold, wholesale, for $3.00 per 100 in August and $5.00 per 100 in September and October. Flowers are very large, of perfect form and freely produce on long, straight, stiff stems. Color: Bright, clear shrimp pink, tinting lighter toward the center. A strong, vigorous grower; early and continuous bloomer. Strong field roots 50c ea.; $5.00 per doz. Write for list of best new and standard commercial dahlias. All absolutely true to name. Remember, we are not dealers but the largest dahlia growers in the world. Send list of wants for prices before ordering elsewhere.
PEACOCK DAHLIA FARMS,
Williamstown Jct., N. J. P. O. Berlin, N. J.

WHOLESALE LIST FOR 1912
NOW READY
Separated stock and clumps. We use no slips or sprouts for propagation; stock all grown from tubers, insuring strong roots.
J. L. MOORE
Northboro Dahlia & Gladiolus Gardens
NORTHBORO, MASSACHUSETTS

EAST BRIDGEWATER DAHLIA GARDENS have 104 up-to-date kinds of the best cut flower varieties, over 750,000 clumps at right prices. Send your wants to
J. K. ALEXANDER,
The Dahlia King, E. Bridgewater, Mass.

Dahlias, best varieties for florists' use. Strong, field-grown roots, true to name, in assortment, $5.00 per 100; 250 for $10.00. Send for list.
S. W. Pike, St. Charles, Ill.

Dahlias. Blushing Beauty, best cut flower kind, shrimp pink, nearly white; div. roots, $5.00 100. Wm. Ross, best red to date, $20.00 100. J. W. Ross Co., Centralia, Ill.

Dahlias, named sorts. Divided roots, $1.25 per 100; $10.00 per 1,000.
C. W. Hoffman, R. 13, Dayton, O.

Dahlias. Choice field-grown roots; either whole clumps or divided. Very low prices on surplus.
Ford Seed Co., Dept. 86, Ravenna, O.

Buy your dahlias from a specialist. List ready.
H. W. Koerner, Sta. B., Milwaukee, Wis.

DAISIES.

Marguerites. Queen Alexandra, Nicholson's White, Soleil d' Or, 2½-in., $3.00; 3½-in., $6.00 per 100. Queen Alexandria, 4½-in., $10.00; 6-in., $25.00 per 100. Bushy stock ready for a shift or immediate flowering. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Yellow daisies. Rooted cuttings, $2.00 per 100, $18.00 per 1000; out of 2¼-in. pots, $4.00 per 100, $35.00 per 1000. Satisfaction guaranteed. Cash with order.
Conrad Schultz, Westerly, R. I.

Daisies. Mrs. F. Sander, new double. Strong plants, 2¼-in., $4.00 per 100. White marguerites, 2¼-in., $2.00 per 100; 3-in., $4.00 per 100. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Marguerite Mme. Gailbert, 3-in., strong, beginning to branch freely, will give plenty of cut flowers, $4.00 per 100; 2-in., $2.50 per 100. You will need some of these this spring. Cash, please.
Harry Tredway, 214 Clayton, Dayton, O.

Yellow marguerites, winter flowering. Guaranteed healthy stock out of 2½-in. pots. $5.00 per 100; 4-in. pots, 10c, $10.00 per 100. Sample by mail, 10c.
James Crawshaw, Depot Ave., Barrington, R. I.

Daisies. Mrs. F. Sander, Dreer's new double, fine 2¼-in., ready for 4's, in 100 lots only, $2.00 per 100. As fine Asp. plumosus as you ever saw in 2¼-in., $2.00 100.
The Maples, Garrettsville, O.

Daisies (Chrysanthemum maximum), fine for cutting. Strong divisions, right from 5-in. pots, $2.00 per 100; $15.00 per 1000. Cash with order.
W. A. Finger, Hicksville, L. I., N. Y.

NEW DOUBLE MARGUERITE, MRS. F. SANder, a good variety, free and easy grower. Strong plants, 2-in.-pots, $5.00 per 100; $40.00 per 1000.
S. J. Reuter & Son, Inc., Westerly, R. I.

Daisies. New double marguerite, Mrs. Sander, 2¼-in., $8.00 per 100; Coronation, Mme. Gailbert, Etoile d'Or and blue daisy, $2.50 per 100.
Schmidt & Botley Co., Springfield, Ohio.

Marguerite R. C., winter flowering, 75c per 100; 2½-in., $3.00. Bellis, double, large flowering, 50c per 100; $4.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

The new double daisy, Mrs. F. Sander. Good, strong, healthy plants from 2¼-in. pots, $5.00 per 100; $40.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Queen Alexandra marguerites, 2½-in., fine plants, in bud and bloom, $2.00 per 100. Cash. See our pelargonium adv.
C. A. Musser, Doylestown, O.

Marguerites, winter blooming, white; strong plants, 2-in., $2.00 100.
C. L. Jenkins & Son, R. D. 2, Anacostia, D. C.

Winter flowering yellow marguerites, the right kind; unrooted, $2.00 per 100; rooted, $4.00 per 100. Cash. A. E. Monroe, Wellesley Farms, Mass.

Daisies, Paris. Rooted cuttings, giant yellow and white, $1.00 per 100; 2-in., 2c.
Byer Bros., Chambersburg, Pa.

Yellow daisies, 2½-in., $2.50 per 100.
Willis W. Kinyon, South Bend, Ind.

DRACAENAS.

Dracaena indivisa, extra strong, 2¼-in., $2.00 per 100; $18.50 per 1000. Must move soon as they need transplanting. All good stock.
P. Pearson, 5734 Gunnison St., Chicago.

Dracaena indivisa, 1000 fine 4-in., $8.00 per 100; $75.00 per 1000.
S. M. Harbison, Danville, Ky.

Dracaena indivisa, strong, 3-in. pots, ready for a shift, $4.00 per 100.
R. B. Kilbury, R. R. 1, Dayton, O.

Dracaena indivisa, strong 2¼-in., $2.25 per 100; strong 3-in., $4.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Dracaena indivisa, 2¼-in., $3.00 per 100; 3-in., $5.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

Dracaena indivisa. Strong 5-in. pot plants, 10c; 3-in., $3.00 per 100. Buy now.
Wm. Eschrich Co., North Milwaukee, Wis.

Dracaena terminalis, fine young 2½-in. stock, $10.00 per 100.
Julius Roehrs Co., Rutherford, N. J.

3000 Dracaena indivisa. Good strong 2¼-in., 2½c., 3-in., 5c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dracaena indivisa, 3-in., $5.00 per 100; $40.00 per 1000. L. Potter & Sons, Waukegan, Ill.

Dracaena indivisa, 3-in., 5c each.
Willis W. Kinyon, South Bend, Ind.

Dracaena indivisa, strong 3-in., $5.00 per 100. Cash. F. W. Ritter, 832 River St., Dayton, O.

EASTER STOCK.

Easter stock. Ask for our list of hydrangeas, lilies, azaleas, spiraeas, crimson and baby rambler roses, climbing rambles, pink Dorothy, white baby rambler roses and bulb stock.
Geo. A. Kuhl, Pekin, Ill.

FERNS.

FERNS MY SPECIALTY
ASSORTED FERNS FOR FERN DISHES, strong 2¼-in. stock in hardiest and best varieties, $3.00 per 100; $25.00 per 1000.
CIBOTIUM SCHIEDEI. Grandest stock ever offered of this most magnificent fern, 3-in., $3.50 per doz., $25.00 per 100; 4-in., $5.00 per doz., $40.00 per 100; 6-in., $2.25; 9-in., $3.50; 10-in., $4.50; 12-in., $6.50 each.
ADIANTUM CROWEANUM, 4-in., $2.00 per doz.; $15.00 per 100.
ADIANTUM CUNEATUM, 2¼-in., $3.50 per 100, $30.00 per 1000; 4-in., nice full plants, $12.00 per 100.
ADIANTUM FARLEYENSE, 4-in., $5.00 per doz.; $40.00 per 100.
ADIANTUM REGINAE and RHODOPHYLLUM, splendid 4-in. stock, $4.50 per doz., $35.00 per 100.
ASPARAGUS PLUMOSUS NANUS, 2¼-in., $3.00 per 100; $25.00 per 1000.
ALSOPHILA AUSTRALIS, a very pretty tree fern, 7-in., $1.50; 10-in., $4.00 each.
J. F. ANDERSON,
Fern Specialist. Short Hills, N. J.

TABLE FERNS in best mixed varieties, from 2¼-in. pots, $30.00 per 1000; 250 at same rate. I have a large stock to select from. Sure to please.
All out of town orders are cash with order, please.
B. SOLTAU FERNERY,
2199 Grant Ave., Jersey City, N. J.

Boston ferns, 6-in. pots, 45c ea., $40.00 per 100. Whitmani ferns, 4-in., 20c ea., $15.00 per 100; 5-in., 30c ea., $25.00 per 100; 6-in., 45c ea., $40.00 per 100; 7-in., 60c ea., $55.00 per 100; 8-in., 75c ea., $70.00 per 100. Ficus elastica, 35c, 50c and 75c ea. Cash, please.
Queen City Floral Co., Manchester, N. H.

FERNS FOR IMMEDIATE DELIVERY.
EXTRA GOOD QUALITY STOCK.
BOSTON.

	100		100
4-inch	$10.00	8-inch	$80.00
5-inch	25.00	9-inch	each, 1.25
6-inch	40.00	10-inch	each, 1.50
7-inch	60.00	12-inch	each, 2.00

WHITMANI.

	100		100
6-inch	$45.00	8-inch	$80.00

ASPARAGUS.
3-in., $6.00 per 100.
R. R. DAVIS CO., MORRISON, ILL.

Ferns. Handsome stock. Boston, Whitmani, Elegantissima compacta, Sprinfieldii, Amerpohlii, Scholzeli. Rooted runners, $1.80 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c. Samples sent for 25c. Satisfaction guaranteed. Ferns are grown at Cleveland, Ohio, plant. 60,000 feet of modern glass devoted to ferns and asparagus. Special prices on large quantities for cash only.
Schneider, Florist, Springfield, Ohio.

Ferns. Good, strong pot-grown Amerpohlii, Elegantissima, Piersoni, Boston and Superbissima, 3-in., $7.00 per 100; 4-in., $12.00 per 100, $110.00 per 1000; 5-in., $18.00 per 100. This is all excellent stock and worth more money but I must have room.
Andrew Peterson, Hoopeston, Ill.

FERN BARGAINS.

Boston runners, strong	$15.00	1000
Boston 2¼-in.	30.00	1000
Amerpohlii, 4-in.	10.00	100

Cash with order.
The above stock is strictly clean and strong.
J. T. Cherry, Athens, Ill.

FERNS FOR JARDINIERES for immediate use. Bushy, well grown plants, 6 to 8 best varieties, from 2¼-in. pots, $3.00 per 100; $25.00 per 1000.
COCOS WEDDELIANA, 2¼-in. pots, right for centers, $10.00 per 100.
Thos. P. Christensen, Short Hills, N. J.

Small ferns for dishes. Pteris Mayii, serrulata cristata variegata, Wimsetti, cretica albolineata, $3.00 per 100; $25.00 per 1000.
Aspidium tsussimense and Cyrtomium falcatum, $3.50 per 100; $30.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Ferns, elegant stock, ready for repotting. Bostons, 5-in., 45c ea., 6-in., 55c ea., 7-in., 75c ea. Baskets, $2.00 to $4.00. Sprengeri, 4-in., 25c ea. We need the room. Cash with order, please.
Hoskins Floral Co., Bismarck, N. D.

Ferns, Boston, Whitmani, the new Roosevelt, Scottii, Amerpohlii, Piersoni, plumosus and Sprengeri, 2½ to 8-in. Write us quantity and size you want; will quote special cash price. We need both room and cash.
Geo. A. Kuhl, Pekin, Ill.

Nephrolepis exalta Bostoniensis. Booking orders now. Fine, strong runners, $10.00 per 1000. Nephrolepis exaltata, same price as above. Nephrolepis davallioides furcans. Strong runners, $2.50 per 100. J. J. Soar, Little River, Fla.

Ferns. Boston and some Whitmani, bench grown, out of 4-in. at time of planting, which we must dispose of immediately, including runners. Let us make you an offer.
Wellworth Farm Greenhouses, Downers Grove, Ill.

ROOSEVELT FERN IS A WINNER.
2½-in. .....$2.00 per doz.; $15.00 per 100
3-in. ..... 2.50 per doz.; 17.50 per 100
F. O. B. West Grove,
Conard & Jones Co., West Grove, Pa.

Ferns for dishes, transplanted, ready for potting, five varieties, $1.00 per 100; $9.00 per 1000. Strong plants, 2-inch, $3.00 per 100; $25.00 per 1000. Cash, please.
Rober & Radke, Maywood, Ill.

Boston ferns from bench, stronger than 2½-in. pot grown, $3.50 100; $30.00 1000. Fine stock and packed well.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. 500 at 1000 rate. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

Boston and Whitmani ferns, 3-in., $7.00 per 100; 4-in., $12.00 per 100. Good strong stock ready to shift.
Momence Greenhouse, Momence, Ill.

Boston ferns, fine stock for 6-in., 25c. Orders booked now for Boston and Whitmani, young stock, $20.00 per 1000. Cash.
A. E. Monroe, Wellesley Farms, Mass.

Boston ferns for immediate delivery. Strong stock, 2¼-in., $4.00 per 100; 3-in., $7.00 per 100; 4-in., $10.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Boston ferns, 5-in., $25.00 per 100; 6-in., $40.00 per 100. These were potted in September and are good, strong, well grown plants.
Crown Point Floral Co., Crown Point, Ind.

GOOD FERNS.
Bostons, 5-in., 25c; 6-in., very good, 50c; 7-in., 75c; 8-in., $1.00. Whitmani, 4-in., 20c; 5-in., 35c; 6-in., 60c. Gullett & Sons, Lincoln, Ill.

Boston ferns, 6-in. pots, 50c each. Cash or satisfactory reference.
Livingston Seed Co., Columbus, O.

Boston ferns, 4-in., $12.50 100.
J. W. Ross Co., Centralia, Ill.

Boston ferns, 2½-in. stock, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

FERNS—Continued.

Boston ferns, 5-in. pots, good, strong and healthy, to make room, 16c. Cash with order.
C. C. Walker, Danville, Ill.

Boston ferns, strong runners, $10.00 per 1000. Write for special prices on 5,000 to 20,000 lots.
F. M. Soar, Little River, Fla.

Ferns. Boston, pot-grown, fine stock, 3-in., $7.50 100; 4-in., $15.00 100; 5-in., $20.00 100.
Swan Peterson Floral Co., Gibson City, Ill.

Boston ferns, grown for our own use but have too many; 5-in., 35c; 6-in., 50c; $6.00 per doz.
D. R. Herron, OLEAN, N. Y.

Table ferns, in good varieties, out of 2¼-in. pots, $3.00 per 100. Cash, please.
J. H. Fiesser, Guttenberg, N. J.

Ferns for dishes, 2¼-in., strong, 6 good sorts, $3.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

Whitmani, Bostoniensis and Piersoni ferns, 4-in., 15c ea.; 5-in., 25c ea.; 6-in., 50c ea.
Koerbel Bros., Jeanette, Pa.

Boston ferns, 4-in. pots, ready for 6-in., good, strong plants, 25c each.
Calvert Floral Co., Lake Forest, Ill.

Bench ferns... Elegantissima, Amerpohlii, Scholzeli, 3, 4 and 5-in., 6c, 10c, 12c. Cash.
Byer Bros., Chambersburg, Pa.

Ferns for dishes, good assortment, 2-in. pots, $3.00 per 100.
John Irvine & Sons, Bay City, Mich.

Boston fern runners, 2 to 4 leaves, $2.00 per 100. P. Pearson, 5734 Gunnison St., Chicago.

Boston ferns, 4-in., 15c; 5-in., 25c. Baur Floral Co., Erie, Pa.

Whitmani ferns out of 4-in., fine plants, $10.00 per 100. J. C. Schmidt, Bristol, Pa.

FEVERFEW.

650 2-in. feverfew now ready for shift. Excellent plants at 2c. Cash.
R. P. Atwell, Florist, Fort Dodge, Iowa.

Feverfew, large double white, $1.00 100, prepaid. Chas. Frost, Kenilworth, N. J.

Feverfew Gem R. C., $1.00 per 100; 2-in., 2c. Cash. Byer Bros., Chambersburg, Pa.

FORGET ME NOTS.

Forget-me-nots E. Fonrobert. Well rooted cuttings, ready for 2½-in. pots, $1.50 per 100; $8.00 per 1000—not less than 500 at 1000 rate. Best kind for forcing and none better for outdoor planting. W. A. Finger, Hicksville, L. I., N. Y.

FUCHSIAS.

Fuchsias, 5 best varieties. Little Beauty, true; Renan, White Beauty, Lord Byron, Tenuer, 2¼-in., $4.00 per 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Fuchsias, transplanted in flats, better than some 2-in., 12 assorted kinds, all double except Black Prince and speciosa, 2c; R. C., 60c per 100. Cash. N. P. Colberg, Princeton, Ill.

Fuchsia Little Beauty, the true stock, best fuchsia extant, 2¼-in., $4.00 per 100, $35.00 per 1000; 250 at 1000 rate. Rooted cuttings, $1.50 per 100. Baur Floral Co., Erie, Pa.

Fuchsias, best market sorts, 2-in. pots, $2.00 per 100; rooted cuttings, 90c per 100.
John Irvine & Sons, Bay City, Mich.

Finest double fuchsias, dwarf habit. Strong, well-rooted cuttings, $1.00 100; $8.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Fuchsia rooted cuttings. Black Prince and other good sorts, $1.00 per 100; $8.00 per 1000.
G. E. Fink, Kenilworth, N. J.

Fuchsias, six best varieties. Strong 3-in., full of cuttings, 5c each. Bargain. Cash.
Bell Floral Co., Franklin, Pa.

Fuchsias, assorted vars., R. C., $1.00 100. Cash. McRae-Jenkinson Co., Cheswick, Pa.

GENISTAS.

Genista racemosa, 6-in. pot plants, $25.00 per 100; very heavy 4-in. pot plants, $15.00 per 100.
Storrs & Harrison Co., Painesville, O.

Genistas, 3-in., must be shifted to 4 or 5-in., very bushy, full of cuttings, extra fine, 10c or $8.00 for 90. Cash. N. P. Colberg, Princeton, Ill.

Genistas. R. C., $1.50 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

GERANIUMS.

	R. C. 1000	2¼-in. 1000
S. A. Nutt	$12.00	$18.00
Montmort	12.00	18.00
Double White	12.00	18.00
De France	14.00	22.50
Ricard	14.00	22.50
Viaud	14.00	22.50
Poitevine	15.00	25.00

Rose geraniums, 2¼-in., $2.00 per 100.
Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses, Dayton, O.

ROOTED GERANIUM CUTTINGS.
The "BIG FOUR" bedders. Strong selected top cuttings, well rooted; S. A. Nutt (greatest dark red), Gen. Grant (most satisfactory dbl. scarlet), Mme. Buchner (only dbl. white) $1.50 per 100; $14.00 per 1000. Beaute Poitevine (semi-dbl. salmon), $1.75 per 100; $16.00 per 1000. Prompt delivery and packed secure from frost.
W. T. Buckley Co., Springfield, Ill.

GERANIUMS.

2½ in. ..... $20.00 per 1000
Rooted cuttings ..... 12.50 per 1000
We have the following varieties: Nutt, Ricard, Poitevine, Jean Viaud, Gloire de France, Perkins, La Favorite, Grant, Mme. Landry, Col. Thomas, Conover and several others. Send your orders now. Terms cash, please.
Swan Peterson Floral Co., Gibson City, Ill.

Geraniums, good stock now ready. Nutt, Jean Viaud, 2½-in., $2.50 100; $22.50 1000. Booking orders on La Favorite, Perkins, Harrison, Redfield, Poitevine for later delivery. Mme. Sallerol, 2-in., $2.00 100, $18.00 1000; 500 at 1000 rate. Cash, please.
Rober & Radke, Maywood, Ill.

We have 20,000 extra fine, well rooted Ricard, S. A. Nutt, J. Viaud, Buchner, Poitevine, Sallerol, etc., in 2¼ and 2½-in. pots, at $20.00 per 1000, $2.25 per 100; S. A. Nutt and mixed, $18.00 per 1000. Can ship promptly.
Quaker Hill Nurseries, Monroe, N. Y.

Geraniums. Oliver, Dbl. Grant, Buchner, La Favorite, E. G. Hill. 2½-in., $2.25 100, $20.00 1000; 2-in., $18.00 1000. Castellane, 2½-in., $2.50 100; $22.50 1000. Pelargoniums, mixed, 3-in., 6c; 2-in., 4c. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

GERANIUM ROOTED CUTTINGS.
Ricard, Jaulin, Viaud, Castellane, $14.00 per 1000; Nutt and Buchner, $12.00 per 1000. Cash with order.
FRED W. RITCHY, LANCASTER, PA.

2000 S. A. Nutt and 1000 La Favorite geraniums, strong 2½-in., ready for shift, $23.00 per 1000. Mme. Sallerol, 2-in., extra fine, ready for shift, $20.00 per 1000. Cash.
P. N. Obertin, Kenosha, Wis.

Geraniums, strong, 2-in. pot plants. Nutt, Ricard, Poitevine, Castellane, La Favorite and Perkins, $2.50 per 100.
John Irvine & Sons, Bay City, Mich.

Geraniums out of 2¼-in. pots at $2.00 per 100. 2000 S. A. Nutt, 500 Ricard, 500 E. G. Hill and 500 La Favorite.
Arthur Harbison, Harrodsburg, Ky.

Geraniums. S. A. Nutt, Beaute Poitevine, Heteranthe, Jean Viaud, Mme. Barney, 2½-in., $3.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

Geraniums, Ricard, Mrs. Perkins, Montmort, Harcourt, 2¼-in., $2.50 100; $20.00 1000. Rooted cuttings, mixed, $1.00 per 100.
Willis W. Kinyon, South Bend, Ind.

Geraniums, fine stock. S. A. Nutt rooted cuttings, $10.00 per 1000; 2¼ and 2½-in., $2.00 per 100; $18.00 per 1000 for cash with order.
Ross Bros., Falls Creek, Pa.

Geraniums from 2¼-in. Ricard, Poitevine, $24.00 1000; $2.50 100; Hill, $22.00 1000; Nutt, $18.00 1000, $2.00 100. Cash, please.
Jas. Ambacher, West End, N. J.

GERANIUM ROOTED CUTTINGS.
All Sold Until February.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Ready about Feb. 26. Rooted cuttings, S. A. Nutt, $11.50 per 1,000; Ricard and Poitevine, $14.00 per 1,000. Albert M. Herr, Lancaster, Pa.

2,000 3-in. geraniums, mixed, full of cuttings, 3c; rooted cuttings, mixed, $10.00 per 1,000. Cash.
Chas. A. Pfeiffer, Sedalia, Mo.

Geraniums, 2-in., Mme. Sallerol, S. A. Nutt and Grant, 2c; Mme. Sallerol R. C., $1.00 100.
U. G. Hargierode, Shippensburg, Pa.

1000 S. A. Nutt geraniums, 2½-in., good, strong plants, $3.00 per 100. Cash, please.
Edgar Easterday, Nokomis, Ill.

Geraniums. Single Grant, 2¼-in. pots, to close out, $1.50 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Geraniums. S. A. Nutt and standard varieties, 2½-in., $2.50 per 100; $20.00 per 1000. Cash.
H. G. Norton, Perry, O.

Geraniums, mixed, from rooted cuttings to 4-in. stock, any size, $1.00 to $4.00.
Mercer Floral Co., Bowling Green, O.

Geranium S. A. Nutt, 2¼-in. pots, good, well rooted, $2.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Geraniums, standard market sorts, established plants, $3.00 per 100; $25.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Geraniums. Mme. Buchner, Frances Perkins and Clyde, 2¼-in., $2.50 per 100; $20.00 per 1000.
So. Bend Floral Co., So. Bend, Ind.

Geranium R. C., 8 standard varieties, $1.50 per 100; 2½-in., $3.00.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Geraniums, Nutt and Buchner, 2-in., fine, clean stock, $2.00 per 100; $18.00 per 1000. Cash.
Cherry Park Gardens, Fredonia, N. Y.

Good 2-in. Nutt geraniums, $2.00 per 100. Cash.
A. B. Reynolds, Ballston Spa, N. Y.

Geraniums. S. A. Nutt, 2½-in., $2.50 per 100. Cash. Brott, The Florist, Kalamazoo, Mich.

Mme. Sallerol, to close out, fine 2-in., 2c.
McAdams Seed Co., Columbus Grove, O.

Geranium S. A. Nutt, 2¼-in., $2.50 per 100; $20.00 per 1000. Baur Floral Co., Erie, Pa.

S. A. Nutt geraniums, 2½-in., $2.50 100.
Erie Floral Co., Erie, Pa.

Mme. Sallerol, to make room, 2-in., 2c. Cash.
Bell Floral Co., Franklin, Pa.

Gen. Grant geraniums, 2-in., $2.50 per 100. Cash. Loyd C. Bunch, Fredonia, Kan.

GLADIOLI.

Gladioli. America, 1st. size, $25.00 per 1000. May, extra large, $14.00. Augusta, 1⅛ and up, $12.00; 1¼ to 1½, $10.00; No. 6, $4.00 per 1000. Nice large bulblets of Mrs. King, 60c; America, 85c per 1000. Augusta, 1st. size, $8.00 per bu.; 2nd. size, $4.00 per bu. Cash. These are all quality bulbs and true to name. Send in your orders now. Wm. Espel, Benton Harbor, Mich.

We offer in lots of 1000 or more, cream mixture, Wm. Mason, Augusta No. 3, Grace Henry, cardinal color, white and light, Rexford, rose and white, Wisconsin, Taconic, New America, pink and white. Write for prices.
Mallory & Brown, Madison, Wis.

Gladioli. Europa, the finest white in existence, $2.50 each. Pres. Taft, Jean Dieulafay, Alice Carey, No. 312, Independence and Silver Trophy Sec. 2 mixtures; also bulblets of America, King, Klondyke, etc.
G. B. Babcock, R. D. 80, Jamestown, N. Y.

Gladioli. Augusta, May, Ceres, Brenchleyensis, De Cheville, Easter, George Paul, Pres. Taft, Mme. Monneret, Baron Jules Hulot, mixtures, etc. Send for list.
Steven's Gladioli Co., Saginaw, W. S., Mich.

Gladioli. America, first size, $35.00 per 1000; second size, $20.00 per 1000. White Lady, the only pure white in commerce, first size only, $12.00 per 100. Cash.
Haentze Co., Fond du Lac, Wis.

Reine de l'Anjou, best commercial white, 4-ft. spikes, fine bulbs, $15.00 per 100. America bulblets, 75c per 1000 prepaid.
C. H. Ketcham, South Haven, Mich.

A quantity of mixed gladiolus bulbs from named sorts and a peck of bulblets free. Write if interested.
H. A. Catlin, Box 673, Homer, N. Y.

Gladiolus. Small surplus of fine bulblets. America, $1.00 per 1000; 5000, $4.00. Mrs. F. King, 75c per 1000; 5000, $3.00. Express prepaid.
S. W. Pike, St. Charles, Ill.

Gladiolus America, No. 1, 1½-in. and up. Baron Hulot and America bulblets. Write for prices. Currier Bulb Co., Seabright, Calif.

Gladioli, 1¼-in. and up. Augusta and May, $12.50 per 1000; America, $25.00 per 1000. Cash.
W. Frank & Sons, Portland, Ind.

Gladioli, Silver Tro. Sec. 3, blue and violet shades; bulblets, $1.00 qt.
C. W. Brown, Ashland, Mass.

GREVILLEAS.

Grevilleas, 4 and 5-in., 20c.
Anderson Floral Co., Anderson, S. C.

HELIOTROPES.

Heliotrope rooted cuttings, 70c per 100; $6.00 per 1000; by mail, 10c per 100 extra; 2¼-in., $2.00 per 100, $18.00 per 1000. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Heliotropes, strong plants, 2-in., ready for shift, $2.00 100; $18.00 1000.
C. L. Jenkins & Son, R. D. 2, Anacostia, D. C.

Heliotropes. Czar, Czarina, Jersey Beauty, etc., $2.50 per 100. Centifleur (giant), $3.50 per 100. Storrs & Harrison Co., Painesville, O.

Heliotropes, dark; good stock. Strong and well-rooted cuttings, 75c 100; $6.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Heliotropes, 4 good varieties, 2¼-in., $3.00 per 100. Schmidt & Botley Co., Springfield, O.

Heliotrope, rooted cuttings, 70c per 100; 2¼-in. pots, 2c. C. H. Jacobs, Westfield, Mass.

HIBISCUS.

Hibiscus Peachblow, 2½-in., $3.50 per 100.
Schmidt & Botley Co., Springfield, Ohio.

HYDRANGEAS.

HYDRANGEA ARBORESCENS GRANDIFLORA, selected for forcing; 2-yr., 1½ to 2 ft., $3.00 per doz., $20.00 per 100; 15 to 20 in., nursery grown, $1.50 per doz., $10.00 per 100; 8 to 12 in., $6.00 per 100, $50.00 per 1000. Price list free. E. Y. Teas & Son, Centerville, Ind.

Hydrangea Otaksa, dormant, 4-in., $15.00 per 100; 5-in., $25.00 per 100.
D. U. Augspurger & Sons Co., Peoria, Ill.

Hydrangea Otaksa, 5-in., 15c; 6-in., 25c; field-grown, with one crown, 6c.
Baur Floral Co., Erie, Pa.

Hydrangea Otaksa, fine pot-grown, 5-in. pots, 2 to 3 flower shoots, $20.00 per 100.
Storrs & Harrison Co., Painesville, O.

Hydrangea Otaksa, field-grown, 1 shoot, 6c; 2 shoots, 10c; 3 shoots, 15c.
Erie Floral Co., Erie, Pa.

Hydrangea Otaksa, 3-in. pots, strong plants, $5.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Hydrangea Otaksa for Easter and Decoration day. See our display adv.
Jackson & Perkins Co., Newark, New York.

Hydrangea Otaksa from 3-in. pots, $5.00 per 100. Fred Boerner, Cape May City, N. J.

IMPATIENS.

Impatiens, 6 distinct varieties, 2¼-in., $2.50 per 100.
Schmidt & Botley Co., Springfield, Ohio.

Impatiens Sultani. R. C., $1.00 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

Impatiens Sultani, red. Strong R. C., $1.00 per 100. Cash. J. P. Siebold, Lancaster, Pa.

ISMENES.

Ismene calathina, mammoth bulbs, $7.00 per 100. Hillcrest School Farm, R. D. 3,
Northeast Sta., Nashville, Tenn.

IVIES.

German ivy. R. C., 50c per 100, mailing 10c; 2¼-in., 2½c.
English ivy, 2½-in., 4c; R. C., $1.00 100, $9.00 1000.
Kenilworth ivy R. C., 50c 100; 2-in., 2c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

GERMAN IVY.
Rooted cuttings, $5.00 per 1000.
Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses, Dayton, O.

English ivy, 2-yr. field plants, 2½ to 4 ft. long, 2, 3 and 4 leads, extra fine, 10c each; 200 for 8c each. Cash.
Benj. Connell, Florist, Merchantville, N. J.

4000 English ivy rooted cuttings, $1.00 per 100; $10.00 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

English ivy, strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.
Storrs & Harrison Co., Painesville, O.

English ivy (Hedera Helix). R. C., strong $2.00 per 100. Cash.
N. P. Colberg, Princeton, Ill.

Ivy, German, 60c; English, 75c; prepaid English, 2½-in., $3.00.
Chas. Frost, Kenilworth, N. J.

Ivies. German, R. C., 60c 100. Kenilworth, R. C., 60c 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

English ivy, strong, 2½-in. pots, $3.50 per 100; $30.00 per 1000. Thos Salveson, Petersburg, Ill.

BUSINESS BRINGERS—
REVIEW Classified Advs.

English ivy, strong 2¼-in., $4.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

German ivy R. C., 60c per 100.
John Irvine & Sons, Bay City, Mich.

English ivy R. C., $1.00 per 100.
John Irvine & Sons, Bay City, Mich.

LANTANAS.

3000 lantana rooted cuttings, 3 varieties, $1.50 per 100; $12.50 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Lantanas, 4 good varieties, 2¼-in., $3.00 per 100. Schmidt & Botley Co., Springfield, Ohio.

Lantanas, fine, thrifty plants, 2 best vars., $2.00 100. Wingert & Ulery, Springfield, O.

Lantanas, 2-in., $2.00.
Mercer Floral Co., Bowling Green, O.

Lantanas, 8 fine varieties, $3.00 per 100.
Storrs & Harrison Co., Painesville, O.

LEMONS.

Lemon American Wonder, 2½-in., $3.00 per 100; 4-in., $15.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

LILY OF THE VALLEY.

Lilies of the valley. Bruns' Celebrated Chicago Market brand, finest in existence, $2.00 per 100; $16.00 per 1000. Bruns' Early Forcing Valley, florists' moneymaker, $1.50 per 100; $14.00 per 1000.
H. N. Bruns, 3038 W. Madison St., Chicago.

LOBELIAS.

Lobelia Kathleen Mallard, the new double. I have 50,000 extra large and well rooted cuttings, transplanted into soil, and if you want good, clean, healthy stocks for spring trade, order now. Well packed to stand any weather; satisfaction guaranteed. 65c per 100, by mail; $4.50 per 1000, by express.
S. A. Pinkstone, York & Hickory, Utica, N. Y.

Lobelia Kathleen Mallard, the new double. We have an immense stock of well rooted cuttings, transplanted in soil last October and kept growing on, 50c per 100 by mail; $4.00 per 1000 by express. 500 at 1000 rate.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Lobelia R. C. Kathleen Mallard (best florists' double), 50c per 100; Crystal Palace (best single), 50c per 100, mailing 10c; 2¼-in., 2½c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Lobelia Kathleen Mallard R. C., 50c 100.
Hendra & Son, Sta. D, St. Joseph, Mo.

LUPINES.

Lupines from 2-in. pots, well established; $2.00 per 100; good little plants from soil, in white, pink, blue and yellow, each color separate, $1.00 per 100; $9.00 per 1000. These are from the best strain of cut flower sorts obtainable.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

MESEMBRYANTHEMUMS.

Mesembryanthemums, old-fashioned wax pink; fine seller. Strong 2½-in. stock, ready for shift, 3c, or will exchange for Coleus Verschaffeltii or G. Bedder. Jos. R. Hamilton, Salem, Mass.

MOONVINES.

10,000 white moonvine rooted cuttings, extra fine and clean, $1.50 per 100; $15.00 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Moonflowers. Buy now to propagate from. $3.00 per 100.
Storrs & Harrison Co., Painesville, O.

NURSERY STOCK.

1000 Berberis vulgaris, 2 yr., 2½ to 3½ ft. Send for prices, additional lists and catalogue.
Henry Lake Sons Co., Nurserymen,
Black River Falls, Wisconsin.

Nursery stock. Shade trees, fruit trees, shrubs, roses and peonies.
Onarga Nursery Co., Onarga, Ill.

My catalogue for 1911 of native trees, shrubs, bulbs and plants is now ready to mail.
L. E. Williams, Exeter, N. H.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS.
ELLWANGER & BARRY, ROCHESTER, N. Y.

ONION SETS.

Onion sets. To close out: 800 bu. white, $1.25; 500 bu. yellow, $1.10; 400 bu. red, $1.00 per bu. of 32 lbs. Sets are A No. 1.
J. C. Zaplewski & Co., Growers, Norwood Park, Ill.

ORANGES.

Otaheite orange, 2½-in., $3.50 per 100; 4-in., $15.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

PALMS, ETC.

Pandanus utilus, 3-in., $10.00 per 100; 4-in., $20.00 per 100.
Cocos Weddeliana, 2½-in., $10.00 per 100.
Kentia Belmoreana and Forsteriana, made-up and single plants, all sizes. Special value in made-up Forsteriana, 4 plants in 8-in. tubs, 40 to 44 in. high, $4.00 each, 8 in. tubs, 44 to 48 in. high, very husky, $5.00 each.
Storrs & Harrison Co., Painesville, O.

Kentia Belmoreana from 2¼-in. pots, 3 leaves, $6.00 per 100; $55.00 per 1000. Cash or satisfactory references with order.
B. Soltau Fernery,
199 Grant Ave., Jersey City, N. J.

Pandanus Veitchii, 3-in. pots, $10.00 per 100; 4-in., $20.00 per 100; bench-grown, 10 in. high, $10.00 per 100; 15 in. high, $15.00 per 100.
J. J. Soar, Little River, Florida.

Pandanus Veitchii, bench-grown plants, 10 in. high, $10.00 per 100; suckers, $4.00 per 100.
F. M. Soar, Little River, Fla.

Phoenix Roebelenii, 6-in. pots, 1 to 2 ft. high, $1.00 each; 7-in., $2.00 each.
B. M. Wichers & Co., Gretna, La.

Kentias. Big stock. Write for prices.
Holton & Hunkel Co., Milwaukee, Wis.

PANSIES.

HOME OF PANSIES.
Our strain of pansies are unsurpassed; we ship with safety to all parts of the U. S. and Canada; they are giving satisfaction everywhere, our testimonials vouch for this—we receive a new one nearly every day. Our stock of plants is large, field-grown, containing our own specials, Masterpiece, Perret, Trimardeau, blood-red, yellow, etc., all at $2.50 per 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

We originated Mastodon pansies and they have proven a marvelous success because they outclass all others. New color plate catalogue, ready in February, free to all. Fine, stocky plants, 50c per 100; $3.00 per 1000; $12.50 per 5000. Seed, 1/12 oz., $1.00; $9.00 oz.
Steele's Mastodon Pansy Gardens, Portland, Ore.

Pansy plants, small plants, giant flowering, $2.50 per 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Pansy plants grown from the finest giant mixtures, $3.00 per 1000. Cash with order.
Hayman Greenhouse Co., Clarksburg, W. Va.

Pansies, strong transplanted, for flowering in greenhouse, best sorts, $2.00 per 100.
F. A. Baller, Bloomington, Ill.

PASSIFLORAS.

Passifloras, Constance Elliott and Pfordti, 2¼-in., $3.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

PELARGONIUMS.

One variety, large-flowering pelargoniums, extra good stock, 2½-in., $3.50 per 100. Mrs. Loyal, 2½-in., $3.00 per 100. Cash. See our Alexandra marguerite adv.
C. A. Musser, Doylestown, O.

Pelargoniums from imported stock, 25 distinct markings, assorted, 2½-in., can be shifted to 3½ or 4-in. and propagated at once, none better, 7c. Cash. N. P. Colberg, Princeton, Ill.

Pelargoniums, from 70 best varieties, 3½-in., $7.00 per 100; clean and ready for 5-in. Cash only. J. Sylvester, Florist, Oconto, Wis.

PEONIES.

Peonies in any quantity. Write for prices on list of your wants.
Gilbert H. Wild, Sarcoxie, Mo.

PETUNIAS.

Petunias, double fringed. A good collection of red, variegated and other dark colors, no white—a good collection of money makers. Strong rooted cuttings, $1.00 per 100; $9.00 per 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

2000 D. petunias, $2.00 per 100.
Mercer Floral Co., Bowling Green, O.

Double fringed petunias, 15 varieties, Dreer's and other collections, 2-in., 2c; R. C., $1.00 100. Can book orders for Feb. 1.
U. G. Harglerode, Shippensburg, Pa.

Petunias, Dreer's double fringed, large flowering, mixed colors. Strong R. C., $1.00 per 100; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dreer's double petunias, selected large flowering doubles, finely fringed, mixed colors. Rooted cuttings, $1.00 100, $9.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Petunias, single, 4 distinct varieties, $2.00 per 100; double, white, pink and variegated, 2¼-in., $3.00 per 100.
Schmidt & Botley Co., Springfield, Ohio.

Dreer's double petunias, 6 choicest colors and varieties; just what you need for propagating, 3-in., 5c. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Dreer's double petunias, named varieties. Rooted cuttings, $1.00 per 100; $9.00 per 1000.
W. S. Nichol, Barrington, R. I.

Double petunias, R. C., 10 kinds, $1.00 per 100; 2-in., 2c. Cash.
Byer Bros., Chambersburg, Pa.

POINSETTIAS.

POINSETTIA STOCK PLANTS.
ONE-YEAR-OLD, TRUE STOCK.
EXTRA SELECT, $8.00 PER 100.
SECOND SIZE, $6.00 PER 100.
A. HENDERSON & CO.,
30 E. Randolph St., Chicago.

Poinsettia stock plants out of 2½-in. pots, $3.00 100; out of 3-in. pots, $5.00 100.
Rober & Radke, Maywood, Ill.

4000 poinsettia plants, from 1 to 10-yrs. old, $10.00 to $15.00 per 100. Whittlesey Floral Co., 1017 S. Boyle Ave., Los Angeles, Calif.

Poinsettia stock plants, $3.50 and $5.00 per 100. Cash.
Thompson & Sons, Sta. D., R. 1, Milwaukee, Wis.

1500 Poinsettia stock plants at $5.00 per 100. Cash with order or reliable references.
Hoffmeister Floral Co., Lickrun, Cincinnati, O.

Poinsettias, good, strong, true stock plants, $5.00 per 100.
Henry A. Bester & Sons, Hagerstown, Md.

Poinsettia stock plants, $5.00 per 100.
Wm. M. Turner, Wilkinsburg, Pa.

PRIMULAS.

Primula obconica grandiflora, mixed colors, 2-in., $1.50 per 100; 4-in., $6.00 per 100. Fine stock to grow on for spring and Easter sales. 4-in. Chinese, in bloom, mixed colors, $6.00 per 100. Cash with order.
R. S. McMurray, Bellefontaine, O.

Primula obconica, best colors of largest flowering, mostly all budded, ready for shift at once; will make good Easter plants, 2¼-in., $2.75 per 100. Forbesi, Baby primrose, in bloom, ready for 3-in. at once, 2¼-in., $3.00 per 100. Cash, please. John Bauscher, Jr., Freeport, Ill.

The FLORISTS' MANUAL, by Wm. Scott. It tells you just what you want to know in just the way you want to be told. Price, $5.00. Prepaid.
Florists' Pub. Co., Caxton Bldg., Chicago.

Chinese primroses, finest fringed, mixed colors, 3-in., $4.00; 2-in., $2.00. Kewensis, 3-in., $3.00. Extra good plants. Cash. M. S. Etter, successor to John F. Rupp, Shiremanstown, Pa., The Home of Primroses.

Primula obconica gigantea, kermesina and rosea, finest strain; 2½-in., strong plants, ready for shift, $4.00 100. Cash. E. Nagel & Son, 1118 W. Lake St., Minneapolis, Minn.

P. obconica grandiflora, alba, rosea, lilac, hybrida, rubra, compacta, Forbesi, 2c; sanguinea, carmine, gigantea, 2½c. All 2-in. pots. Cash.
Byer Bros., Chambersburg, Pa.

Primulas. Chinese, all colors, 3-in., ready for 4-in., just right for Easter, $5.00 per 100. Kewensis and Forbesi, 3-in., $5.00 per 100. Cash only. J. Sylvester, Florist, Oconto, Wis.

Chinese primroses, red, pink and striped, strong 2½-in., $2.50 per 100. Baby primroses, $2.50 per 100. Primula Kewensis, 2½-in., $2.50 per 100. Schmidt & Botley Co., Springfield, O.

Primula obconica grandiflora, 6 separate colors. Extra strong 3-in., full of buds and bloom, $5.00 per 100. Gigantea, 4 colors, $6.00. Cash.
F. W. Ritter, 832 River St., Dayton, O.

Chinese primroses, fine 4-in. plants, best colors, in bloom, $6.00 per 100.
R. B. Kilbury, R. R. 1, Dayton, O.

Chinese primroses, finest fringed mixture, 2¼-in., 2½c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Primulas, Chinese and obconica, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Primula sinensis, good crop.
J. Hasslach, St. Remy de Provence, France.

Primula obconica grandiflora, 3-in., 5c; 4-in., 10c. M. S. Wiecking Co., Bluffton, Ind.

Primulas obconica, alba and roses, $1.50 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Primroses. See my display adv. before you buy.
J. W. Miller, Shiremanstown, Pa.

PRIVET.

CALIFORNIA PRIVET.

1-yr., 2 to 3 ft., 3 to 6 branches	$12.00 1000
2-yr., 18 to 24 in., 5 to 8 branches	12.50 1000
2-yr., 2 to 3 ft., 5 to 8 branches	15.00 1000
2-yr., 3 to 4 ft., 5 to 8 branches	20.00 1000

AMOOR RIVER PRIVET.

2 to 3 ft., well branched	$25.00 1000
3 to 4 ft., well branched	30.00 1000

Southside Nurseries, Chester, Va.

200,000 Cal. privet, 4 to 6 branches, $12.00 per 1000. All sizes. Large stock of Ampelopsis Veitchii, Clematis paniculata, 1, 2 and 3-yr.-old, and most all other good things for florists. Get my list before you buy.
Benj. Connell, Florist, Merchantville, N. J.

California privet, extra heavy, 3 to 4 ft., $25.00 per 1000; heavy, 2 to 3 ft., $18.00 per 1000; well branched, 16 to 24 in., $12.00 per 1000. In perfect condition. Good roots and good packing.
Furrow & Co., Guthrie, Okla.

CALIFORNIA—Any quantity, size, age. Not any better grown. Write for prices on it. Fruit and ornamental trees, shrubbery, etc.
Franklin Davis Nursery Co., Baltimore, Md.

10,000 Amoor River and 20,000 California privet. Cheap.
Chattanooga Nurseries, Chattanooga, Tenn.

Genuine hardy Amoor River, North and hardy Ibota Privet, $1.50 per 100 and up.
Onarga Nursery Co., Onarga, Ill.

California privet. A splendid lot of fine well graded 2-yr. stock. For particulars see our display adv. Chas. Black, Highstown, N. J.

PYRETHRUMS.

Pyrethrum, double dwarf; R. C., 90c per 100.
John Irvine & Sons, Bay City, Mich.

ROOTED CUTTINGS.

Geraniums. Rose, $1.50; Martha Washington, assorted, best kinds, $2.50; ivy, assorted kinds, $2.00; variegated leaved S. A. Nutt, $5.00. Marguerites, Queen Alexandra, Yellow Castle, best yellow, and California, white, $1.25. Forget-me-nots, Winter Queen, best everblooming, $1.25. Fuchsias, best kinds, labled true to name, $1.25. Above prices per 100, express prepaid. If interested in dahlias get our list.
S. W. Pike, St. Charles, Ill.

Paris daisy, giant yellow and giant white, Gem feverfew, heliotropes, genistas, abutilons, fuchsias, 6 kinds, $1.00 per 100. Cupheas, 75c per 100. Ageratum, 4 kinds, 60c per 100. Alternantheras, 4 kinds, 50c per 100. Moonvines, $1.50 per 100. Rose geraniums, $1.25 per 100. Cash with order.
Byer Bros., Chambersburg, Pa.

Rooted cuttings, price per 100 prepaid: Coleus, 10 varieties, German ivy, artillery plants, 60c; salvias, Bonfire and Zurich, Geranium Mme. Salleroi, 90c. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

ROOTED CUTTINGS. Send for complete list.
John Irvine & Sons, Bay City, Mich.

20% discount now. See display adv.
E. W. Byer, Props., S. Flo. Co., Shippensburg, Pa.

ROSES.

POEHLMANN BROTHERS COMPANY,
WESTERN HEADQUARTERS FOR ROSE PLANTS.

GRAFTED—	100	1000
Double White Killarney (Poehlmann strain)	$30.00	$250.00
Pink and White Killarney, 2½-in.	12.00	100.00
Richmond, 2½-in.	12.00	100.00
Maryland, 2½-in.	12.00	100.00
Mrs. Aaron Ward, 2½-in.	14.00	120.00
Melody, 2½-in.	14.00	120.00
Mrs. Taft or Prince de Bulgarie, 2½-in.	14.00	120.00
OWN ROOT—		
Pink and White Killarney, 2½-in.	6.00	55.00
Maryland, 2½-in.	6.00	55.00
Richmond, 2½-in.	5.00	40.00
Antoine Rivoire, Mrs. Taft or Prince de Bulgarie, 2½-in.	8.00	70.00
Radiance, 2½-in.	8.00	.....
Melody, 2½-in.	8.00	70.00
Aaron Ward, 2½-in.	8.00	70.00
Lady Hillingdon, 2½-in.	10.00	.....
Dble. Pink Killarney, 2½-in.	8.00	70.00
ROOTED CUTTINGS—		
Dble. Pink Killarney	6.00	50.00
Pink Killarney	4.00	35.00
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Orders are now booked for April, May, June and July delivery. All goods sold for cash or 30 days on approved credit.
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Morton Grove, Illinois.

Roses, strong 2-yr.-old field-grown plants. Dorothy Perkins and Tausendschon, $10.00 and $12.50 per 100. Cli. Meteor, Cli. Soupert, Pres. Cleveland, Red Kaiserin, Duchess de Brabant, Mme. Jos. Schwartz, Etoile de France, Abel Chatenay, Wellesley, Yoone Vachet, Col. Williams, Florence Pemberton, Countess of Gosford, Wm. Sheen, Dean Hole, Rose Gubert, Muriel Graham, Safrano and Francisca Kruger, $10.00 per 100. Also pot-grown plants; for size and varieties write to
Rosemont Gardens, Box 498, Montgomery, Ala.

American Beauty, 2¼-in., $7.00 per 100; $60.00 per 1000. White Killarney, 2¼-in., $6.00 per 100; $55.00 per 1000. Kaiserin, 2¼-in., $5.00 per 100; $40.00 per 1000.
Holton & Hunkel Co., Milwaukee, Wis.

ROOTED ROSE CUTTINGS.
READY NOW.
SATISFACTION GUARANTEED.

	100	1000
Richmond	$2.00	$15.00
Pink Killarney	2.50	20.00
White Killarney	2.50	20.00

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162 N. Wabash Ave., Chicago.

ROSES—Send for complete list.

American Pillar, 3-yr	$35.00 100
American Pillar, 2-yr	25.00 100
Dorothy Perkins	12.00 100
Lady Gay, 4 to 5 ft	16.00 100

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Two-year bench Beauties, rested ready to start for Easter, select stock, $12.00 per 100.
Gullett & Sons, Lincoln, Ill.

STRONGLY ROOTED, SELECT.
Killarney, White Killarney, Richmond, fine 2 and 3-eye stock, extra well rooted, $3.00 per 100. Golden Gate, $1.50. Gullett & Sons, Lincoln, Ill.

Roses, 2½-in. stock, ready to go out about Feb. 1. American Beauty, Bride, Maid, Uncle John, Ivory, Richmond, Kaiserin, etc. Write
Geo. A. Kuhl, Pekin, Ill.

Roses. Dorothy Perkins and Yellow Rambler, fine field-grown, $8.00 100. Blue rose, fine field-grown, $12.50 100. J. W. Ross Co., Centralia, Ill.

Roses for forcing. See our display adv.
Jackson & Perkins Co., Newark, New York.

225 best varieties—old, new, tried, true.
Leedle Co., Expert Rose Growers, Springfield, O.

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Rosemary R. C., $1.50 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

RUBBERS.

Rubbers, fine 5-in. stock, 35c each.
Holton & Hunkel Co., Milwaukee, Wis.

SALVIAS.

Salvias, splendens, Mrs. Page, Alfred Ragineau and Alba. Strong 2¼-in., $2.50 per 100, $20.00 per 1000; rooted cuttings, 60c per 100.
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Salvias, splendens, Bonfire, R. C. or transpl., 90c per 100, mail 10c per 100; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Salvia Bonfire R. C., 80c 100, $7.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Salvia Bonfire. R. C., $6.00 1000. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

1000 salvias. Splendens and Bonfire, 2-in., $2.00.
Mercer Floral Co., Bowling Green, O.

SANTOLINAS.

Santolina R. C., 90c per 100.
John Irvine & Sons, Bay City, Mich.

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Aster seed, selected, disbudded, climatic conditions best on earth. Peerless Pink, Violet King, Crego Pure White and Shell Pink, each 25c per trade packet; $1.00 per oz. Superb Late Branching, azure blue, pale lavender, deep crimson, deep rose, rose-pink, shell pink, pure white, each 25c per trade packet; $1.00 per oz. Purity, fine for design work, 50c per trade packet. Early Wonder, pure white and pink, each 25c per trade packet; $1.00 per oz. Queen of the Market, early flowering, shell pink, purple, white, bright rose, crimson, lavender, 20c per trade packet; 60c per oz. Prepaid by mail. Cash, please.
M. J. Callahan, Ventura, Calif.

OUR OWN GROWN.
ASPARAGUS PLUMOSUS NANUS SEED.
Guaranteed true to name.
Ready for delivery now.
NEW CROP.

Lots of 5,000	$2.25 per 1000
Lots of 10,000	2.00 per 1000
Lots of 20,000	1.75 per 1000
Lots of 50,000	1.50 per 1000

Single thousands, $2.50.
LOS ANGELES FLOWER MARKET,
414½ South Broadway,
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ASPARAGUS PLUMOSUS NANUS SEED.
New crop—Greenhouse-grown.

Per 1,000 seeds	$ 4.50
Per 5,000 seeds	20.00
Per 10,000 seeds	37.50

ASPARAGUS SPRENGERI.

Per 1,000 seeds	$ 1.25
Per 10,000 seeds	10.00

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Asparagus plumosus nanus seed, greenhouse grown, $4.00 per 1000; 5000 seeds at $3.50 per 1000; outside grown, $2.25 per 1000. 5000 for $10.00; 10,000 for $17.50. Asparagus Sprengeri, greenhouse grown, $1.00 per 1000 seeds.
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Seed packets and bags. Catalogue, clasp and commercial envelopes, printed or plain. "If it's a Spangler bag it's a good one." Estimates furnished.
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European gladiolus seed from W. Manger & Sons' unrivalled collection. 1000 seeds in original packets, $1.00. Cash with order. H. Youell, 538 Cedar St., Syracuse, N. Y., Agent for U. S. and Canada.

Asparagus plumosus seed, $2.50 1000; A. Sprengeri, 75c 1000. All from my own plants.
C. H. Gardiner, South Pasadena, Calif.

JUST PICKING 50,000 or more fresh Pennsylvania Asparagus plumosus nanus seed, $3.00 1000. Cash with order.
Benj. J. Passmore, Malvern (nr. Phila.), Pa.

First picking new crop Asparagus plumosus nanus, $2.25 per 2000; $10.00 per 5000; $17.50 per 10,000.
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Clematis paniculata, Ampelopsis Veitchii, Berberis Thunbergii and 20 other varieties of fresh seed. List of seeds and plants free.
Benjamin Connell, Florist, Merchantville, N. J.

ASTER SEED, best quality. See display adv. for prices.
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Ardisia crenulata seed, 40c per 100. The best berried plant for Christmas.
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My catalogue of native tree, shrub and plant seeds now ready. Sent to anyone on application.
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Salvia splendens seed (new), $1.25 per oz.
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Smilax, strong 2¼-in., $1.50 per 100—it's worth twice this much, but I need the room; $12.50 per 1000.
H. Rawlings, Wholesale Grower, OLEAN, N. Y.

Smilax from 2-in. pots, several times cut back, $1.50 per 100; $13.00 per 1000.
Fred Boerner, Cape May City, N. J.

Smilax, 2½-in., $2.00 per 100. Cash.
John Bauscher, Jr., Freeport, Ill.

Smilax. Good, strong, bushy 2-in. plants, $2.00 per 100. Addems, Morgan & Co., Paxton, Ill.

SNAPDRAGONS.

Snapdragon, florists' giant white, pink, yellow, orange, red, bronze. Strong R. C., $1.00 per 100, $9.00 per 1000; mail 10c per 100; 2¼-in., 2c. Cash.
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Snapdragon, soft rose-pink, continuous bloomer, tall and a fine seller in the Boston market. Rooted cuttings, $2.00 per 100, $18.00 per 1000.
R. D. Kimball, Waban, Mass.

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Snapdragon Rose-Pink, rooted cuttings, $2.00 per 100; $18.00 per 1000.
Adolph E. E. Koch, Nobscot, Mass.

SOFT WOODED PLANTS.

SOFT WOODED PLANTS
In 2½-in. pots.
Alternantheras, ageratums, heliotropes, lemon verbenas, feverfew, geraniums, red, white and pink; daisies, white, yellow and Queen Alexandra; sweet alyssum, double giant; fuchsias, 4 varieties; cupheas, vincas and moonvines.
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Stocks, 2½-in., in pink, lavender, crimson and white, winter flowering. Nice, $2.00 per 100, 300 for $5.00. J. C. Schmidt, Bristol, Pa.

STEVIAS.

Stevia rooted cuttings, $1.50 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

STRAWBERRY PLANTS.

Genuine Everbearing strawberries. My little catalogue, plain and true, tells all about them and other new fruits of sterling value.
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Three million strawberry plants. Varieties: Klondyke, Lady Thompson, Aroma, Excelsior Gandy, $2.00 per 1000.
Chattanooga Nurseries, Chattanooga, Tenn.

Fall bearing strawberry plants, best varieties. Descriptive catalogue free.
Basil Perry, Cool Springs, Del.

SWAINSONAS.

Swainsona alba, white; R. C., $1.00 per 100.
John Irvine & Sons, Bay City, Mich.

Swainsona alba R. C., $1.00 per 100; 2½-in., 3c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

SWEET PEAS.

Winter flowering sweet peas. Now is the time to plant them. Order quick. WHITE—Denzer, Mont Blanc. PINK—Christmas Pink, Earliest of All, Mrs. Dolansky, Mrs. Wm. Sim, Mrs. Wild. LAVENDER—Wallace. Well established in 2½-in. pots.
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TRADESCANTIAS. 10,000 Wandering Jew R. C., tricolor and green, 60c per 100, $5.00 per 1000; 2½-in., 2c. Cash. Mailing 10c.
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Tuberoses, Armstrong's Everblooming, $12.50 per 1000; small bulbs, $5.00 1000.
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Cyperus alternifolius (umbrella plant). 500 2½-in., 3c; 500 3½-in., 5c; 400 4½-in., 7c.
Meredith Flower & Vegetable Co.,
Libertyville, Ill.

Cyperus (umbrella plants), 2-in. pots, $2.00 per 100. John Irvine & Sons, Bay City, Mich.

Umbrella plants, 3-in., $1.00 per doz. Cash.
John Bauscher, Jr., Freeport, Ill.

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Write to James Ray Geraty, Yonges Island, S. C., to explain how to get a selection of cabbage plants, strawberry plants, asparagus roots and 16 varieties of seed free and make $1.40 for yourself. A very attractive and profitable proposition to every one owning a garden, merchants or farmers.

Seedling tomato plants, Comet and Lorillard, $1.00 100; transplanted,, $2.00 1000; 3-in. pots, 2c. Cash, please.
Riverview Greenhouses, Lewisburg, Pa.

Write to James Ray Geraty, Yonges Island, S. C., to explain how to get 3000 frost-proof cabbage plants for $1.00. A very attractive and profitable proposition to merchants, farmers and every one owning a garden.

50,000 good, strong Grand Rapids lettuce plants from seed bed, $1.00 1000. Cash.
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Transplanted Grand Rapids lettuce plants, $2.50 per 1000. Cash.
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50,000 transplanted Grand Rapids lettuce plants, fine, $2.50 per 1000.
Sourdry Bros., Girard, Kan.

RHUBARB. Extra large clumps for forcing, 20c each.
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Comet and Lorillard forcing tomatoes, 2¼-in., $2.00 100. Roney Bros., West Grove, Pa.

VERBENAS.

Lemon verbena rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

VINCAS.

Vinca variegata. Strong rooted cuttings, 90c per 100; $8.00 per 1000; 2¼-in., $2.00 per 100, $18.50 per 1000; 3½-in., strong plants, ready for shift, $6.00 per 100. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Vincas, variegated and green. Strong potted plants, 2-in., $2.00 per 100; $18.00 per 1000. Cash, please.
H. G. Norton, Perry, Lake Co., Ohio.

Vinca variegata vines. Rooted cuttings, $1.00 per 100; $8.00 per 1000; 2-in. pots, $2.00 per 100; $18.00 per 1000. Cash or satisfactory reference.
Livingston Seed Co., Columbus, O.

Vinca variegata, 4-in. pots, strong plants, extra long vines, $10.00 per 100; $80.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Vinca var., fine, stocky, well established plants, 4-in., 6c; 3-in., 5c; 2-in., 2c. Strictly cash.
Wingert & Ulery, Maiden Lane, Springfield, O.

Vinca green. Strong R. C., 90c per 100, $8.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Strong Vinca variegata clumps in 3½ and 4-in. pots, $5.00 and $6.00 per 100. Cash.
Russell Bros., R. 4, Syracuse, N. Y.

Vinca variegata, good sized 4-in., can yet be divided, 8c; 3-in., good ones, ready for 4-in., 5c. Cash. Cherry Park Gardens, Fredonia, N. Y.

Vinca variegata R. C., $1.00 100 prepaid.
Chas. Frost, Kenilworth, N. J.

Vinca var. rooted cuttings, $1.00 per 100; $8.00 per 1000. Wm. Winter, Perry, Ohio.

Vinca variegata R. C., 90c per 100.
John Irvine & Sons, Bay City, Mich.

VIOLETS.

Marie Louise violet blooms now ready. Price for January, A No. 1 quality, $1.00 per 100; $7.50 per 1000. Cash with order, please.
C. Lawritzen, Box 261, Rhinebeck, N. Y.

Violets, hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000.
Storrs & Harrison Co., Painesville, O.

MISCELLANEOUS.

Mme. Salleroi, 2¼-in., 2¼c. Asparagus Sprengeri, 2¼-in., 2c. Cinerarias, choice mixed, 3-in., ready for 4-in., 4c. Marguerite daisies, white, 2¼-in., 2c; 2½-in., extra strong, 3c. Coleus, choice mixed, 2¼-in., 2c. Coleus Crescent, fine variety, 2¼-in., 2c; rooted cuttings, 60c per 100. Petunias, best double, pink, red and variegated, 2¼-in., 3½c. Feverfew, dbl. white, 2¼-in., 2c. Guaranteed fine plants. Cash.
Hammerschmidt & Clark, Medina, O.

I can furnish you with double alyssum, German ivy, Ageratum Stella Gurney, fancy coleus, salvias, vincas, heliotropes, fuchsias, Asparagus Sprengeri. Write for prices.
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If you are looking for good stock of chrysanthemums, geraniums, cannas, vincas, ferns, etc., write to R. F. Gloede, Evanston, Ill.

POT PLANTS. Send for complete list.
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TO EXCHANGE.

To Exchange—Dracaena indivisa, 2-in., 2½c; Pelargonium Robt. Green, 2½-in., 5c; Marguerite daisy, Mrs. F. Sander, 2-in., 4c, 3-in., 6c; Godfrey callas, strong 3-in., 5c, for carnation rooted cuttings, Enchantress, E. P. Enchantress, W. Enchantress, Beacon, Victory, Alma Ward, Mrs. C. W. Ward, W. Wonder; red alternantheras or 2-in. geraniums.
Johnson Floral Co., Kendallville, Ind.

To Exchange—Chrysanthemum Smith's Advance for rooted cuttings of the following carnations: Enchantress, White Enchantress, White Wonder and Gloriosa; Godfrey callas or Beaute Poitevine geraniums. See chrysanthemum adv.
Jos. F. Klimmer Est., 812 Dunlap,
Forest Park, Ill.

To Exchange—Poinsettia stock, Dracaena ind., cannas, 5 vars., and 2½-in. Asp. plumosus, for gladiolus bulbs and carnation rooted cuttings; or what have you?
Wm. Eschrich Co., North Milwaukee, Wis.

To Exchange—2½-in. coleus, full of cuttings; 2-in. Vernon begonias, 4-in. ferns, alternanthera R. C. for cannas, Dracaena indivisa or anything I can use. J. F. Sked, Westerville, O.

To Exchange—100 Dracaena australis for 1500 geranium rooted cuttings, double white and Poitevine.
Thos. Tullie, 203 Bay View, Edgewood, R. I.

To Exchange—Ficus elastica, Piersoni and Whitmani ferns, fine stock, for early struck carnation cuttings, best varieties.
Herms Floral Co., Portsmouth, O.

To Exchange—Poinsettia stock plants for rooted geranium cuttings.
S. F. Stephens, Box 553, Columbus, O.

WANTED.

Wanted—Rooted carnation cuttings. We can use for our catalogue trade large lots of carnations in the standard varieties. We shall be pleased to receive quotations from any grower having a surplus to dispose of at a price he does not wish the general trade to know.
J. W. Vestal & Son, Little Rock, Ark.

Wanted—All kinds of two-yr.-old dormant roses; hydrangeas, Otaksa and Thos. Hogg; azaleas, all colors; lilacs and all kinds of bedding plants for spring blooming. Let me know what you have, with prices per 100.
Devils Lake Greenhouse, Devils Lake, N. D.

Wanted—Geraniums Bariolage and Abel Le France, either rooted cuttings or 2½-in. stock. Quote on any quantity that you are able to supply. Iowa Seed Co., Des Moines, Ia.

Wanted—5000 geranium rooted cuttings, 3000 S. A. Nutt and 2000 Poitevine. Kaufmann Bros., Sta. D., R. R. 2, Milwaukee, Wis.

CARNATION STAPLES.

Pillsbury's carnation staples, 50c per 1000. Postpaid. I. L. Pillsbury, Galesburg, Ill.

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Folding cut flower and corrugated design boxes. See our display adv. Write for price list.
The Sefton Mfg. Co., 1333 W. 35th St., Chicago.

Buyers of corrugated shipping boxes, send for catalogue just issued. See display adv.
Hinde & Dauch Paper Co., Sandusky, O.

Folding cut flower boxes, the best made. Write for list. Holton & Hunkel Co., Milwaukee, Wis.

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Write for our special price on a special lot of dagger ferns.
Try our laurel festooning for your decorations, only 5c per yd.; 10 yds. free with first order.
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CYACEINE FLOWER COLORING, yellow, orange, pink, blue, green, American Beauty, 20c per qt. by mail.
C. R. Cranston, 146 Orchard St., Auburn, R. I.

GOLD FISH.

GOLD FISH.
We are now shipping
Extra fancy crop.
FANCY LONG TAILS
FANTAILS
TELESCOPES
If you have not our price list
A post card will bring it.
GLEN MARY FISH FARM,
Chas. Pommert, Prop., Amelia, O.

Gold fish, aquarium plants, snails, castles, globes, aquariums, fish food, nets, etc., wholesale. Send for price lists. Large breeding pairs for sale. Franklin Barrett, Breeder, 4815 D St., Philadelphia, Pa.

An offer of your surplus stock, carried in THE REVIEW'S classified department for a week or two will be seen by nearly every buyer in the trade.

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MATS.
For hotbeds and coldframes. The most practical and cheapest on the market. Send for circular and price list. Watts Bros., Kerrmoor, Pa.

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Standard Flower Pots. If your greenhouses are within 50 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts. N. E., Washington, D. C.

We make Standard Flower Pots, etc.
Write us when in need.
Wilmer Cope & Bro.
Lincoln University, Chester Co., Pa.

"NUF SED." Best red pots are made by Geo. E. Feustel, Fairport, Iowa.

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Florists' printing. Samples free. Prices and work the best. O. K. Fink, Pottstown, Pa.

RAFFIA.

Raffia. Red Star and 3 other grades. Bale lots or less. Colored raffia, 20 colors. Write for prices.
McHutchison & Co., 17 Murray St., New York.

Raffia (colored), 20 beautiful shades. Samples free. R. H. Comey Co., Camden, N. J.
Or 2440-2454 Washburne Ave., Chicago.

SPHAGNUM MOSS.

SPHAGNUM MOSS. Single 10 bbl. bales, $4.00; in lots of 5 bales, $3.75 each.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Sphagnum moss, clean stock; 12 bbl. bale, $3.50. Green moss, in bbls., $1.00 per bbl.
James Day, Milford, New Hampshire.

SPRINKLERS.

Spray with Paris Green both sides of foliage. Ask for K's Sprayer. J. Kopcsay, So. Bend, Ind.

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Fresh tobacco stems, in bales, 200 lbs., $1.50; 500 lbs., $3.50; 1000 lbs., $6.50; ton, $12.00.
Scharff Bros., Van Wert, Ohio.

Tobacco dust for dusting, 100 lb. sack, $1.75; 200 lbs., $3.00. G. H. Hunkel, Milwaukee, Wis.

Fresh tobacco stems, 65c per 100; $12.00 per ton. F. O. B. N. D. Mills, Middletown, N. Y.

WIRE WORK.

Florists' wire designs and hanging baskets.
Wyandotte Wire Works Co.,
700-702 Ferry St., Kansas City, Kan.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
166 North Wabash Ave., Chicago.

FALLS CITY WIRE WORKS,
451 S. Third St., Louisville, Ky.

William E. Hielscher's Wire Works,
38 and 40 Broadway, Detroit, Mich.

Wm. H. Woerner, 520 N. 16th St., Omaha, Neb.

Atlantic City, N. J.—L. K. Nagy states that he will open a flower store on the Boardwalk at Virginia avenue, calling it the Science Flower Shop.

New Bedford, Mass.—E. H. Chamberlain is away on a trip south for five or six weeks. In his absence the business is being looked after by Mrs. Chamberlain and Henry Krangler.

Lakewood, N. J.—A fire at Georgian Court, the estate of George J. Gould, on the evening of January 13, put the boilers out of commission and Mr. Gould's servants were hurriedly sent to the business district of town with orders to buy all the kerosene stoves and oil lamps in the hardware stores. The flames also spread from the boiler house to the newest of the five greenhouses.

Barberton, O.—What is said to be the largest range of greenhouses ever erected in one season is to be built here this spring and summer by O. C. Barber. It will consist of the following houses, covering a total of over 213,000 one, 16 x 150; four, 34 x 500; one, 16 x 136; four, 32 x 157. This gives twenty houses covering a total of over 213,000 square feet. The construction of the Geo. M. Garland Co., of Des Plaines, Ill., will be used throughout and it is said the materials will require more than ten cars for shipping.

SMITH, LINEAWEAVER & CO.
COAL
Anthracite, Bituminous, Coke and Gas Coal
West End Trust Building, Philadelphia

Greenhouse Heating.

GLAD TO PRINT ANSWERS.

It would be interesting to others, no doubt, as well as myself, to see in the department of Greenhouse Heating statements showing the number of tons of coal used per 1,000 square feet of glass in heating, by a number of representative growers. This should show the kind of fuel used and the temperature maintained. The last two winters I used between nine and ten tons of soft coal screenings (slack), each winter, night temperature averaging 50 degrees. I am inclined to think this too much, and am wondering how it compares with others. I use both hot water and steam, the steam boiler being used only as a helper in extreme weather or when raising heat in the mornings.

L. M. M.

PIPING AND BOILER.

Kindly advise me through your heating department as to the best steam system and how to pipe four houses so I may obtain 65 degrees to 70 degrees in zero weather. The houses are 22x95 feet; height to ridge, fourteen feet; gutters, seven feet; also size of boiler you would recommend. Location, a Chicago suburb. R. F. G.

For each of the houses run a 2-inch overhead main about two feet below the ridge, and at the farther end connect with the coils, using 1¼-inch pipe. Just how many coils there should be will depend upon whether beds or benches are to be used, the number of each, and the use to which the house is to be put. About ten 1¼-inch pipes will be required. If there are four raised benches, two pipes may be located under each of them, and the others on the walls. If there is any exposed glass in any of the walls, use one additional return for every two feet of glass. Shut-off valves should be placed in the connecting pipes at both ends of each coil.

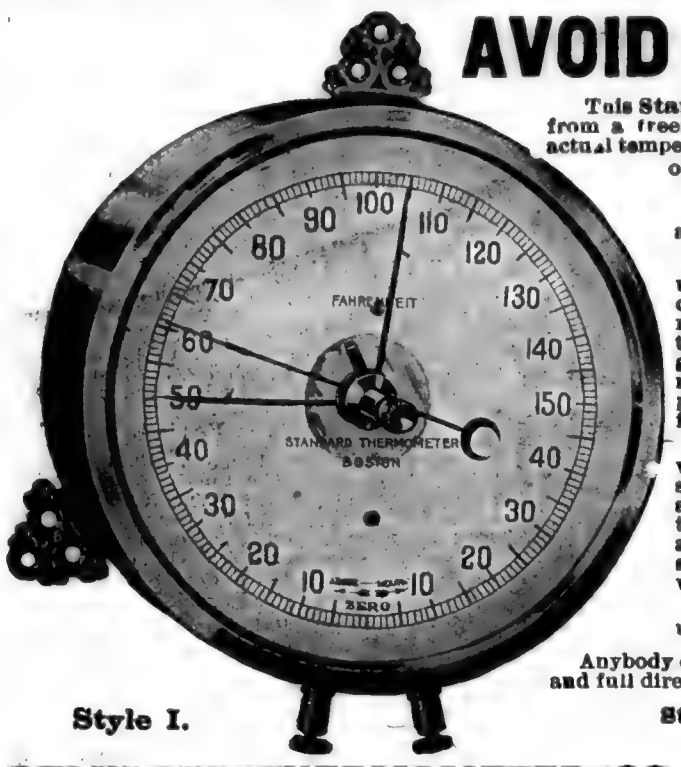
PLANNING AN ADDITION.

Enclosed you will find a rough sketch of my grounds, on which I intend to build some more greenhouses. The present house is 18x50. The boiler shed is at the west end and throws too much shade on the house. Would you advise me to run the new house, 23x120, west from the shed, as shown in the sketch, so that the shed would be at its east end? I should like to keep the boiler shed about where it is, so as to have it as near the dwelling as possible. There is a stable about seventy-five feet north of the shed. Would you advise an equal-span house or one with a short span to the south? I intend to plant the house with carnations and bedding plants. Are there any steam boilers that can be left for any length of time without attention? E. W.

The sketch shows the two houses running east and west, with the shed at the west end of the small house and at the east end of the proposed house, which seems to be as good a plan as can be used, unless the small house is soon to be taken down or extensive additions are to be made in the near future. In either of these cases it would be better to plan for the new house, or houses, without much regard for the present house. A new range could be built running north and south, with a shed at the north end, near the stable referred to. If this is done it will be best to have even-span houses, and they are generally preferred even for houses which run east and west.

While it is always best if steam boilers can have frequent attention, if they are of ample size and have a large

AVOID A FREEZE-UP



This Standard Thermostat will save your stock from a freeze-up. The indicating hand shows the actual temperature at all times. When it reaches either of the other hands it

RINGS AN ALARM

anywhere you please to locate the bell.

J. B. McFarland, of Granger, Wash., writes us as follows:—"I would like to say a word of praise for the thermostat. I have had mine and used it for two years in connection with the orchard heaters. It has always given perfect satisfaction. Although I am not over enthusiastic on the orchard heating proposition, I would not do without the frost alarm for twice the price.

"At this time of the year, when the weather is so uncertain, I place the thermostat in the packing shed. I can go to sleep at night feeling sure that if the weather gets too severe I will be awakened and can go and take measures to protect the fruit in storage; or if a fire should break out I would be aroused."

The Standard Thermostat is just as useful in the greenhouse as in the orchard.

Anybody can put it up—only a screwdriver needed—and full directions with each instrument.

Style I.

Style I, diameter 6 inches, price, $5.00 each.

STANDARD THERMOMETER CO., 65 Shirley St., BOSTON, MASS. (Successors to Parker Mfg. Co.)

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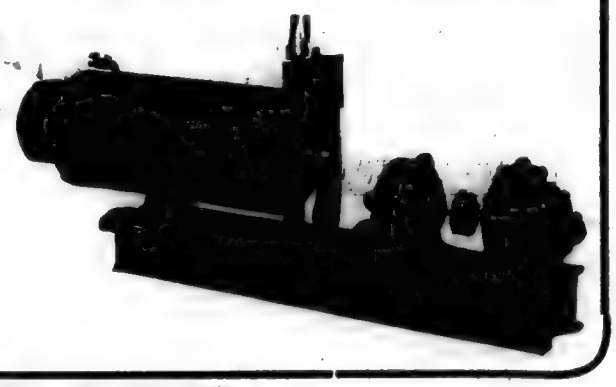
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SAVES 20% TO 50% COAL.

Draws Water and Air out of the Heating System.
Returns Condensation Water to Boilers.

Makes Heating Uniform
SAVES LABOR

Write for particulars.



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A Peerless Heat Accelerator

Attached to your Water-Heating Plant will save you large sums in coal bills. Your greenhouses will be warmed as never before; all sections with equal promptness and in one-half the time. Its cost is but a fraction of what it will save you.

FRANK J. EISINGER,
588 Atlantic Ave., Brooklyn, N. Y.

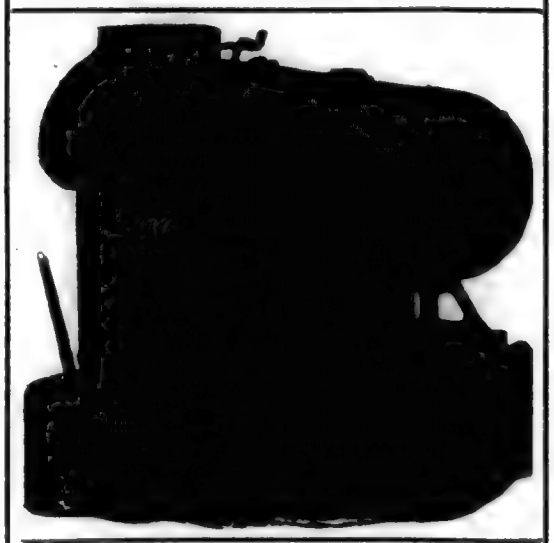
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STEAM AND HOT WATER
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911 Filbert Street, Philadelphia, Pa.

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IMPROVED RETURN TUBULAR FIREBOX BOILER

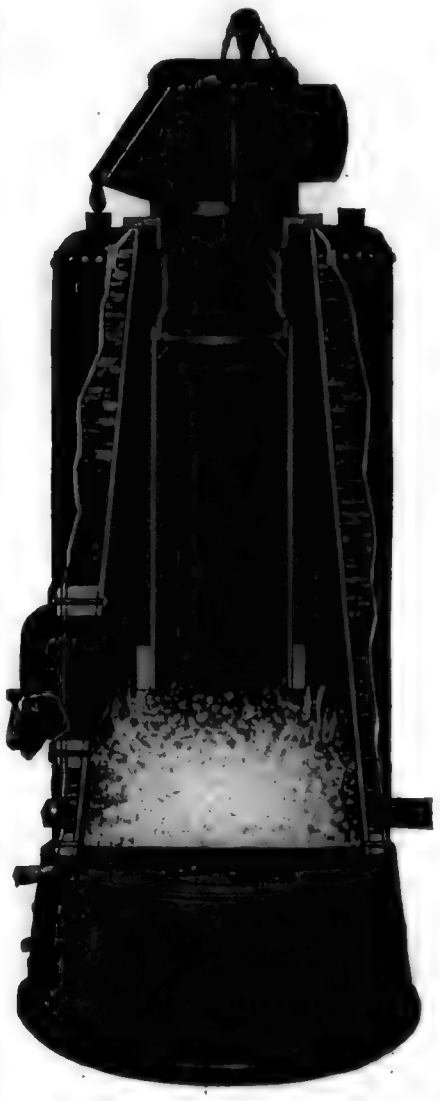


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131 E. 26th St., New York City

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Martin Rocking Grate
IT SAVES COAL
MARTIN GRATE CO., 343 S. Dearborn St. CHICAGO.

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COLD WEATHER

DOES NOT BOTHER THE FLORIST
WHO USES THE

Wilks Hot Water Boilers

MADE ENTIRELY OF STEEL

S. WILKS MFG. CO., Chicago. January 13, 1912.

Gentlemen:—

We are having the very best results from the big boiler (30x48 Wilks Heater) now in use on the farm, and I cannot too highly congratulate you on the way it is giving us service, for this morning we have 36 degrees below zero and the "big fellow" just kept the greenhouse standing at 57 degrees from 8 o'clock last night until 6 o'clock this morning without any attention.

Yours very truly,
H. F. BOTT, Altoona, Pa.

SEND FOR CATALOGUE AND PRICES.

S. WILKS MFG. CO., 3523 Shields Ave., Chicago, Ill.

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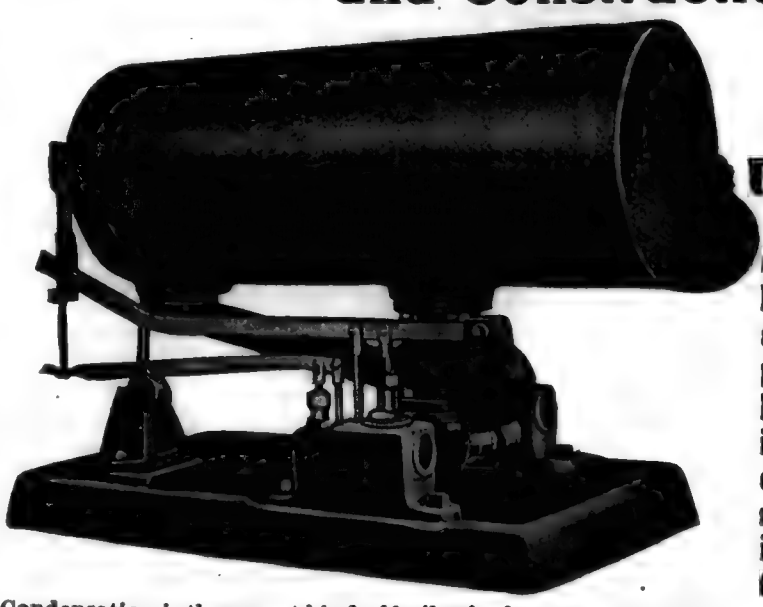
fire-box almost any of them can be left for a number of hours.

PIPING A LEAN-TO.

I have a lean-to, 20x20 feet and twelve feet to the ridge, with 3-foot board side walls. The front end is five feet six inches high. All of the sides and the front above the wall are glass. I shall heat this house from an adjoining building, where I can only go three feet at the most below the floor level of the greenhouse. The greenhouse faces south. I shall want a temperature of 60 to 65 degrees in zero weather. What amount of pipe is needed and how should it be distributed? The house has been used as a cold grapery, but I can alter the benches to meet the demands of the heating system. I intend to take the grapevines out, rearrange the benches and put another bench in the place where the grapes are now, making one continuous bench along the south wall. There is a door in the east side of the lean-to, about eight feet from the adjoining building. The boiler is near the northwest corner of the house, but in the basement of the other building. I am located in the southeastern part of New York state. F. C. M.

The door on the east side of the lean-to must be taken into account in arranging the piping. If possible to arrange it in this way, a 2½-inch flow pipe should be carried up vertically from the heater to the height of about ten feet above the floor of the greenhouse. An expansion tank, holding five or more gallons and located several feet above the point where the pipe turns to enter the greenhouse, should be connected by means of a 1-inch pipe. The flow pipe should then be carried into the greenhouse until even with the center of the doorway, when it should turn and run to the east side of the house. There it should divide and a 2½-inch pipe should drop down and

An Innovation in Steam Trap Design and Construction



THE NEW "Detroit" RETURN TRAPS

are devoid of all unnecessary mechanism.

Every part designed, manufactured and assembled with the idea of permanence foremost.

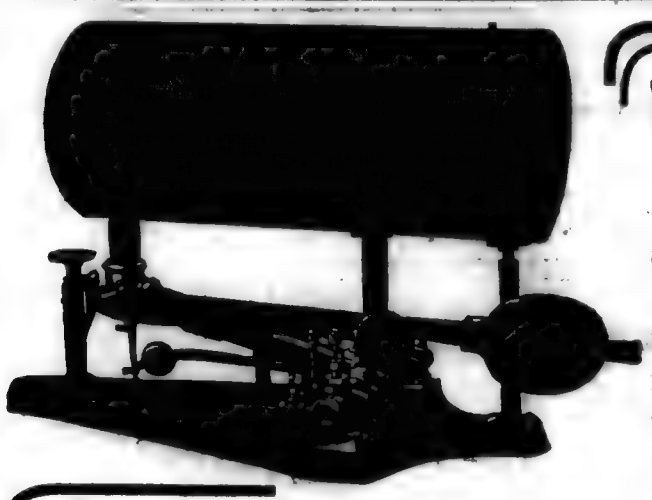
Every tilt of the trap shows that it's working—draining every drop of condensation from the heating system and automatically returning it to the boiler—no pumps—no trouble.

Condensation is the purest kind of boiler feed water. Don't waste it. Return it directly to the boiler by "Detroit" Return Traps and prevent scale formation.

Ask us to mail you advance bulletin, No. 320-FR.

AMERICAN BLOWER COMPANY
DETROIT, MICH.
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Where There Is Condensation

—there is need for a Morehead Steam Trap. Condensation in steam lines is akin to matter out of place—means wasted energy.

If your lines are sluggish—if your houses are not of uniform temperature, write us. We guarantee to drain your lines perfectly—return the pure, hot condensation to your boiler without pump or injector or make no charge for the trial. Obey that impulse—write now.

Morehead Manufacturing Company

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Hughson Regulating Valve

to carry 5 or 10 pounds on the line and you will always have a reserve in case of a sudden drop in temperature. This valve saves both fuel and worry. Ask for catalogue and particulars.

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Pipes, Flues

and casing thoroughly overhauled and guaranteed. Greenhouse fittings of every description.

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PERFECTION FLUE CLEANER

and we want to send it to you for **30 days' FREE trial.**

The Perfection will clean welded flues as well as old ones; remove scale from tubes without cutting metal; clean hot or cold flues without changing temper; can be operated by flexible handle.

The knives are always sharp.
Heads are drop steel forgings.
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WHAT THE USERS SAY ABOUT KROESCHELL BOILERS

Kroeschell Boiler, Generator and Heating System INSURE PERFECT RESULTS.

Having promised you a letter as soon as we passed through a good fair test, I consider it now almost timely. We had the thermometer 18° below zero and we've just gone through a blizzard bad enough for most any season, and am very well pleased to inform you that our heating system was equal to the occasion. So far as we have gone, am certainly well satisfied with the Kroeschell Boiler, Generator and Heating System.

J. E. MATTHEWSON, Sheboygan, Wis.

Send for new catalogue—DO IT TODAY

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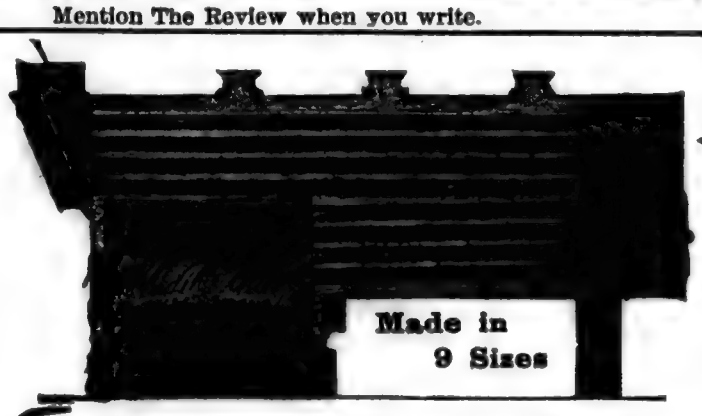
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St. Louis, Mo.—The Bourdet Floral Co., doing both wholesale and retail business, has seventeen greenhouses and 40,000 feet of glass.



More Heating Surface

and less water space than is contained in any other boiler. (Note the many flues set close together.) This is one reason why the users of the

"Superior Standard" Greenhouse Boilers

find them perfectly satisfactory. We frequently receive re-orders from florists who have tested these boilers thoroughly and found them even "Superior" to our claims.

Why not ask for full particulars today? A postal to us will bring a prompt reply.

SUPERIOR MACHINE & BOILER WORKS

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Made by

ILLINOIS MALLEABLE IRON CO

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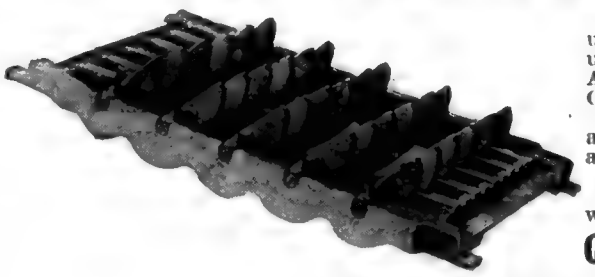
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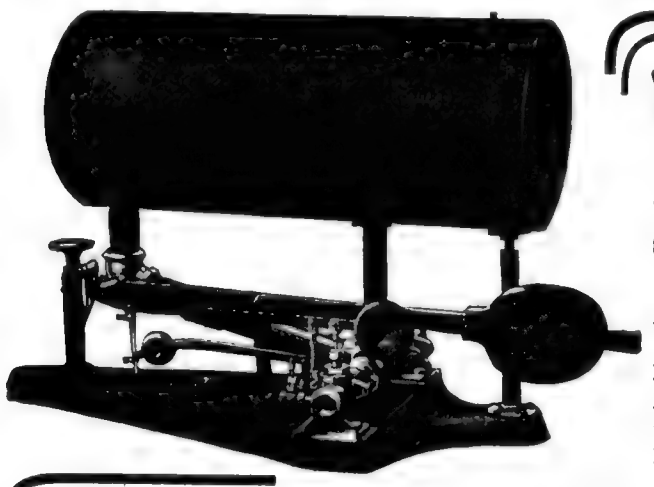
Think of the saving of expense when changing to a cheaper grade of coal, besides the labor trouble avoided.

What is good for Mr. Murray is good for you.

Give the length and width of your fire box and we will quote exact prices.

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—there is need for a Morehead Steam Trap. Condensation in steam lines is akin to matter out of place—means wasted energy.

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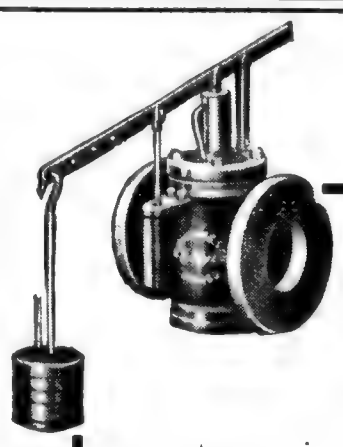
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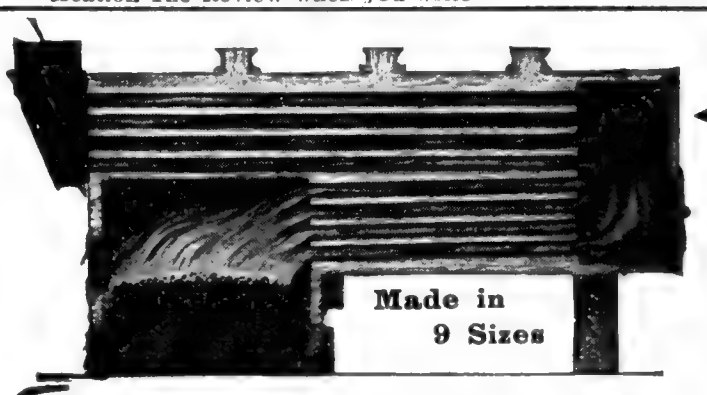
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Would you kindly give me a little information? I have some double white lilacs in pots, still outside. When shall I bring them in to bloom them for Easter, and what temperature do they need? W. B.

The lilacs should be placed in a cold cellar and stored there until six weeks before Easter. Then give them a temperature of 60 degrees until the flowers are opening, when they should be moved to a somewhat cooler house, in which to expand. This will give the flowers more substance. Syringe freely until the shoots are well started, but be careful not to wet the flowers when open, as they are liable to become discolored. C. W.

St. Louis, Mo.—The Bourdet Floral Co., doing both wholesale and retail business, has seventeen greenhouses and 40,000 feet of glass.



More Heating Surface

and less water space than is contained in any other boiler. (Note the many flues set close together.) This is one reason why the users of the

"Superior Standard" Greenhouse Boilers

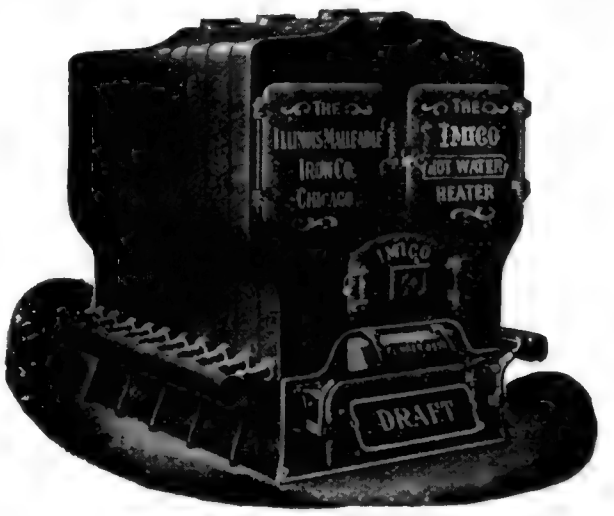
find them perfectly satisfactory. We frequently receive re-orders from florists who have tested these boilers thoroughly and found them even "Superior" to our claims.

Why not ask for full particulars today? A postal to us will bring a prompt reply.

SUPERIOR MACHINE & BOILER WORKS

Superior and Green Sts., CHICAGO, ILL.

Mention The Review when you write.



IMICO
Hot Water Boilers

Made by

ILLINOIS MALLEABLE IRON CO

1801-1825 Diversey Boulevard

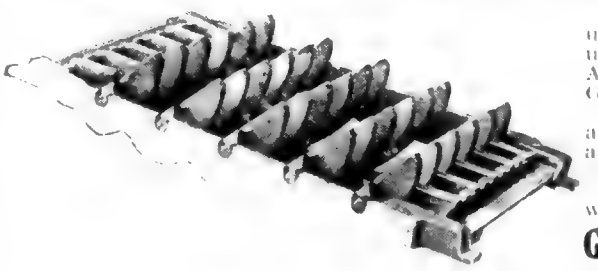
CHICAGO

Are noted for coal economy and good results generally

SEND FOR CATALOGUE

Mention The Review when you write.

THE TRAVIS Patented Universal Rocker GRATE



J. C. Murray, Florist, 2000 Parry St., Peoria Ill., is using a set of our Rocker Grates and tells us he is using a cheaper grade of coal than he formerly used. Also that he will equip two more boilers with our Grates next season.

Think of the saving of expense when changing to a cheaper grade of coal, besides the labor trouble avoided.

What is good for Mr. Murray is good for you.

Give the length and width of your fire box and we will quote exact prices.

G. E. TRAVIS CO., Henry, Ill., U.S.A.

Mention The Review when you write.

BRAMPTON, ONT.

Edward Dale attended the American Rose Society's convention at Detroit, and several of the conventionites stopped at Brampton on their way home. W. Martin, of Portland, Ore., remarked, after he had strolled through the Dale Estate greenhouses for a couple of hours, that it was the first time he had really got his feet thoroughly warm since he had left home.

It seems the general opinion that such consistently severe weather has not been experienced here for fifteen or twenty years. The mercury has dropped below zero, and has remained anywhere from 2 to 22 degrees every day for the last twelve days. Stock is good, however, especially carnations and violets. None of the double violets are grown in any of the Brampton greenhouses now.

Careless handling on the part of the express companies is mainly responsible for more frozen stock during the last fortnight than has ever been known before, and it may easily be understood that this has meant keen disappointment to the city florist, especially when it is considered that flowers are scarce. Business is surprisingly lively for January. W. G. P.

HINSDALE, MASS.

All the dealers in ferns are shipping large quantities and it looks now as if ferns may be scarce the coming spring, as we are losing a large number by spoiling. Perhaps the storage is not to blame so much as some of the pickers. There is such a large number picking in the fall that they are not all as careful as they should be to put good, sound, perfect ferns in the bunches, and they get no better in storage. The fall trade was good in all lines. Between Christmas trees and baled boughs there were nearly a hundred carload lots shipped from here. The weather has been extremely cold here for the greater part of this month, the temperature ranging from zero to 24 degrees below. Some of the shipments of ferns sent from here were partly spoiled by being frozen so hard. There is good sleighing here now.

I wish we could have the S. A. F. meet in Pittsfield in 1913. I am sure all would enjoy it, for it is as nice a little city of 33,000 inhabitants as any in the country. S.

TO-BAK-INE KILLS BUGS

ASK

E. H. HUNT

131 N. Wabash Ave. CHICAGO

Mention The Review when you write.

NIKOTEEN APHIS PUNK

The most effective and economical material there is for Spraying Plants and Blooms. Skillfully extracted from Leaf Tobacco and carefully refined, it is clean and easy to apply. Does the work when vaporized, either in pans, on pipes or over a flame. **Full pint bottles, $1.50.**

Specially prepared for fumigating closed houses. It vaporizes the Nicotine evenly and without waste. Nothing keeps a house free from Aphis so cheaply.

All Seedsmen

Prepared by The Nicotine Mfg. Co., St. Louis, Mo.

Mention The Review when you write.

LEMON OIL CO.'S

STANDARD INSECTICIDE

SOLUBLE IN WATER
NO ODOR, NO POISON

Guaranteed under the Insecticide Act, 1910. Serial No. 321.

If you want an insecticide to destroy insects on plants, Mealy Bug, Brown and White Scale, Thrips, Red Spider, Black and Green Fly, Mites, Ants, etc., we have it. Our insecticide destroys these pests, at the same time leaves no disagreeable odor. Poisonless—is harmless to user and plant.

Recommended and used by the leading seedsmen and florists throughout the country.

A favorite in chicken houses, and for killing insects in the homes. An excellent wash for dogs and other animals: It relieves mange.

1/2-Pint, 25c; Pint, 40c; Quart, 75c; 1/2-Gallon, $1.25; Gallon, $2.00; 5-Gal. Can, $9.00; 10-Gal. Can, $17.50

Dilute with water 30 to 50 parts.

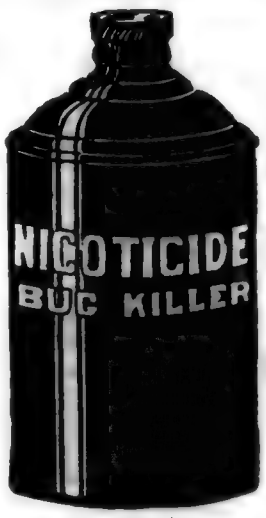
Manufactured by

LEMON OIL CO.

Dept. H, 420 W. Lexington St., BALTIMORE, MD.

Directions on every package.

Mention The Review when you write.



THE BEST

Bug Killer and Bloom Saver

Drop us a line and

We will prove it

P. R. PALETHORPE COMPANY

Dept. A,

Owensboro, Ky.

Cattle Manure in Bags

Shredded or Pulverized



Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unequaled for all field use. Write for circulars and prices.

The Pulverized Manure Company

33 Union Stock Yards CHICAGO

Aphine

The Insecticide that kills plant Lice of every species

Destroys green, black, white fly, thrips, red spider, mealy bug, scale and all plant sucking insects. An excellent cleanser for decorative stock.

$2.50 per gallon—$1.00 per quart.
U. S. and Canada.

FUNGINE

Has no equal for destroying mildew, rust and other plant fungi.

Fungine will cure bench rot, and is proving an excellent remedy for the protection of cuttings and young stock against the various blights.

$2.00 per gallon—75c per quart.
U. S. and Canada.

FOR SALE BY SEEDSMEN

Manufactured by

APHINE MANUFACTURING CO.

MADISON, N. J.

Quick Budding and Stiff Stems

Get into the market with better blooms—Sheep's Head Brand of Pulverized Sheep Manure will prove a money maker for you. Unsurpassed as an extra stimulant to plants, pots or beds. Will not cause black spot like stable manure. Free from weed seeds—always ready.

Carnations, roses, chrysanthemums and violets are particularly benefited. Send for booklet,

"Fertile Facts"

It shows you the dollars and cents view and points out the actual profits from using Sheep's Head Brand, and shows you how to prepare soils so that they will retain soluble plant foods near the surface of the ground within reach of the rootlets of growing vegetation. We will send you a copy of this interesting and instructive book free. Write to-day.



NATURAL GUANO CO.
Dept 38 Aurora, Ill.

Mention The Review when you write.



Mention The Review when you write.

Tobacco Stems

Strictly clean and strong, from high grade cigar tobacco only. Freshly stripped and baled daily at factory in 300-lb. bales. Large or small orders promptly shipped. Write or phone if you want A No. 1 Tobacco Stems.

H. MUNSON Telephone North 572. 1405 Wells St., CHICAGO

Mention The Review when you write.



STANDARD VENTILATING MACHINERY

The original machine with self-oiling cups. The old reliable, the most powerful and least complicated of any on the market.

The Standard Return Steam Trap

It has no equal for simplicity or its working. Ask some one who is using a Standard for his opinion of it.

Write for catalogue.

E. HIPPARD CO., Youngstown, O.

Mention The Review when you write.

Carnation Calyx



An effective cure for splits. Simple and indestructible, made of brass. Does not retard the growth of flower at all. A trial will convince. $2.00 per 100, delivered free when cash is with order.

MORTON R. TANK, Chatham, New York

Mention The Review when you write.

GET OUR PRICES ON

Galvanized Wire Rose Stakes and Tying Wire

Manufacturers of the Model Plant Supports for Carnations, Dahlias, Golden Glow, Peonies, Chrysanthemums and Tomatoes. Lawn Fence, Flower Bed Guard, Trellis.

IGOE BROTHERS

63-71 Metropolitan Avenue, BROOKLIN, N. Y.

Mention The Review when you write.

Cypress Bench Boards

Small orders cheerfully shipped from Philadelphia yard. Carload shipments direct from mill in the south.

Send us your inquiries.

Stokes Brothers Co., Inc.

30th St. below Chestnut, Philadelphia, Pa.

Mention The Review when you write.

TILE or PIPE FRAME **BENCHES**

Write for prices. Drainage perfect.

TILE BOTTOMS 12x24 and 9x24

Furnish any quantity.

The Camp Conduit Co. 718 Garfield Bldg., CLEVELAND, O.

Mention The Review when you write.

SMITH'S

Chrysanthemum Manual

By ELMER D. SMITH

Revised Edition—A complete practical treatise, concise directions for every stage of the work of propagator and grower. The result of 20 years's experience.

98 Pages. 32 Illustrations
Forty Cents Postpaid

Florists' Publishing Co.

530-560 Caxton Building

508 So. Dearborn St., Chicago





This is the U-Bar—the Bar that makes U-Bar Greenhouses the famous greenhouses they are.

You can talk about the things cold frames will do for you "until the cows come home," but if you want real flowers, real bedding plants that you can count on being top-notch year in and year out—then a greenhouse is the only thing. The only thing, because it is the **sure thing.** With a greenhouse your frames become doubly valuable, as then one helps the other, greatly to the advantage of both. With a greenhouse you can control temperatures and conditions and can have what you want when you want it. But don't allow anyone ever to persuade you that any other curved-eave house is just as good as the U-Bar. It's not so. We want to show you exactly why. Send for the catalogue as a starter.

U-BAR GREENHOUSES

PIERSON U-BAR CO

ONE MADISON AVE., NEW YORK

CANADIAN OFFICE, 10 PHILLIPS PLACE, MONTREAL

Mention The Review when you write.



A. Dietsch Company

2640 Sheffield Ave., Chicago

Greenhouse Material Hotbed Sash

"I consider your cedar hotbed sash, after eight years' use, to be as good as new." That is what one of our customers writes Dec. 30, 1911.

Mention The Review when you write.

FOR SALE

Glass, Pipe, Boilers, Cypress Materials, Tools, etc., for Greenhouse Use.

Write for Prices.

Metropolitan Material Co.

1894-1404 Metropolitan Ave., Brooklyn, N. Y.

Mention The Review when you write.

The REGAN PRINTING HOUSE

LARGE RUNS OF

Catalogues OUR SPECIALTY GET OUR FIGURE

531-537 Plymouth Place, CHICAGO

Mention The Review when you write.



RELIABLE—ADAPTABLE

Both of these terms are descriptive of **Standard Pumping Engines**, but they only indicate two out of many points of superior excellence. These engines can be used to pump direct into the pipe lines or in connection with storage or air pressure tanks of any kind.



Ask for Catalogue No. 10

STANDARD PUMPING ENGINES

are made in no less than twelve types of suction lift and deep well pumps, direct connected and mounted on one base. Gas or gasoline may be used for fuel. Electric motor instead of engine when desired. We can meet your requirements; what are they?

The Standard Pump & Engine Co., 14 Michigan Street, CLEVELAND, O.

Mention The Review when you write.

MT. KISCO, N Y.

The banquet of the North Westchester Horticultural Society at Castle Inn, Mt. Kisco, January 18, was a great success. The society numbers about sixty members and covers the ground from Katonah to Chappaqua, including almost every gardener of prominence in that section. H. Spavins, the florist at Mt. Kisco, was its secretary for twelve years, and carries a fine gold watch as evidence of the society's appreciation. M. J. O'Brien, manager of the Harriman estate, is the present secretary; George Andrews, president; G. Ganun, treasurer, and F. Kirkman, corresponding secretary. The hotel was nicely decorated for the banquet by Messrs. Andrews, Thomson and Wills. Messrs. Maynard, Rickards, Kennedy, Burnett and McTaggert were the new York visitors, and all gave interesting addresses. Masters William and Robert Burnett, of New York, gave many solos on the piano and violin, and Messrs. Loy and Gifford, of Weehawken, furnished the vocal entertainment, their popular songs being especially appreciated. J. A. Shaw was toastmaster.

J. A. S.

FREEPORT, ILL.

On visiting this city, I was gratified to hear that our brother florist, John Bauscher, Jr., who is one of the county supervisors and has personal charge of the money intended for distribution among the destitute, has so ably managed the funds intrusted to him that, for the first time in fifty years, it is not necessary for the county to resort to a special tax levy to take care of the needy. The money at his command has been adequate in spite of the fact that he has had a standing announcement in the local papers, stating that he may be found at his place of business whenever his aid is wanted in the relief of the poor.

A visit to Mr. Bauscher's greenhouses found everything in first-class shape. He grows 38,000 carnation plants, principally of such varieties as Beacon and the different shades of Enchantress. In novelties he has White Wonder, Washington and Princess Charming. In roses he grows American Beauty, Killarney, White Killarney, Bride, Maid, Uncle John, Rhea Reid, Chatenay and Richmond. His trade last Christmas, he says, was the best in his experience.

A. F. L.



Recently Erected for L. A. Hensheimer, Far Rockaway, L. I.

GOOD stunt, this, of connecting up the workroom to the gardener's cottage. It's handy and practical. The house itself is our steel frame construction, and you know what that means in durability and lightness.

If there is going to be any greenhouse building done on your place, you want that new catalogue of ours—and want it quick. It's entirely different from any greenhouse catalogue yet published. You will greatly appreciate its difference. Send for it.

Hitchings & Company

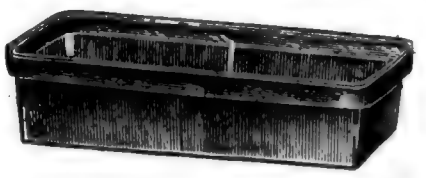
Write to or call at our Main Office and Factory,

Louisa Street, . . ELIZABETH, N. J.

New York Office, 1170 Broadway.

Mention The Review when you write.

PANSY AND VERBENA BASKETS



Small size, measure 9 inches long, 6 inches wide, 3 inches deep, put up 500 in a crate, per 1000..... $ 9.00

Large size, measure 13 inches long, 7½ inches wide, 4 inches deep, put up 250 in a crate, per 1000..... 15.00

Detachable wire handles for either of the above, per 1000..... 2.00

Have the other sizes. Send for descriptive circular.

COLES & COMPANY, 109-111 Warren St., New York, N.Y.

Mention The Review when you write.

A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

NEW YORK BELTING AND PACKING CO. LTD

91-93 CHAMBERS ST. NEW YORK

PHILADELPHIA, PA. PITTSBURGH, PA.
CHICAGO, ILL. PORTLAND, ORE. BOSTON, MASS.
ST. LOUIS, MO. SPOKANE, WASH. BUFFALO, N.Y.
INDIANAPOLIS, IND. SAN FRANCISCO, CAL.

Mention The Review when you write.



DREER'S
Florist Specialties.
New Brand New Style.
Hose "RIVERTON"
Furnished in lengths up to 500 ft. without seam or joint.
The HOSE for the FLORIST
¾-inch, per ft., 15 c.
Reel of 500 ft., " 14½c.
2 Reels, 1000 ft., " 14 c.
½-inch, " 13 c.
Reels, 500 ft., " 12½c.
Couplings furnished.
HENRY A. DREER,
714 Chestnut St.,
PHILADELPHIA, PA.

Mention The Review when you write.



CALDWELL TANKS

of Galvanized Steel are used everywhere. Sizes up to 1200 gallons can be shipped set up at small cost for freight. These tanks are strong, tight and durable. Cost less than wood tanks. Ask for illustrated catalogue and delivered prices.

W. E. Caldwell Co., Incorporated, Louisville, Ky

TANKS (Steel, Wood, Galvanized) TOWERS, Windmills, Pumps, Gas Engines.

Mention The Review when you write.

TRADE
SKINNER SYSTEM OF IRRIGATION
MARK.

THE RAIN MACHINE

Write for six books on indoor and outdoor irrigation.

THE SKINNER IRRIGATION CO., Dept. H, Troy, Ohio

Mention The Review when you write



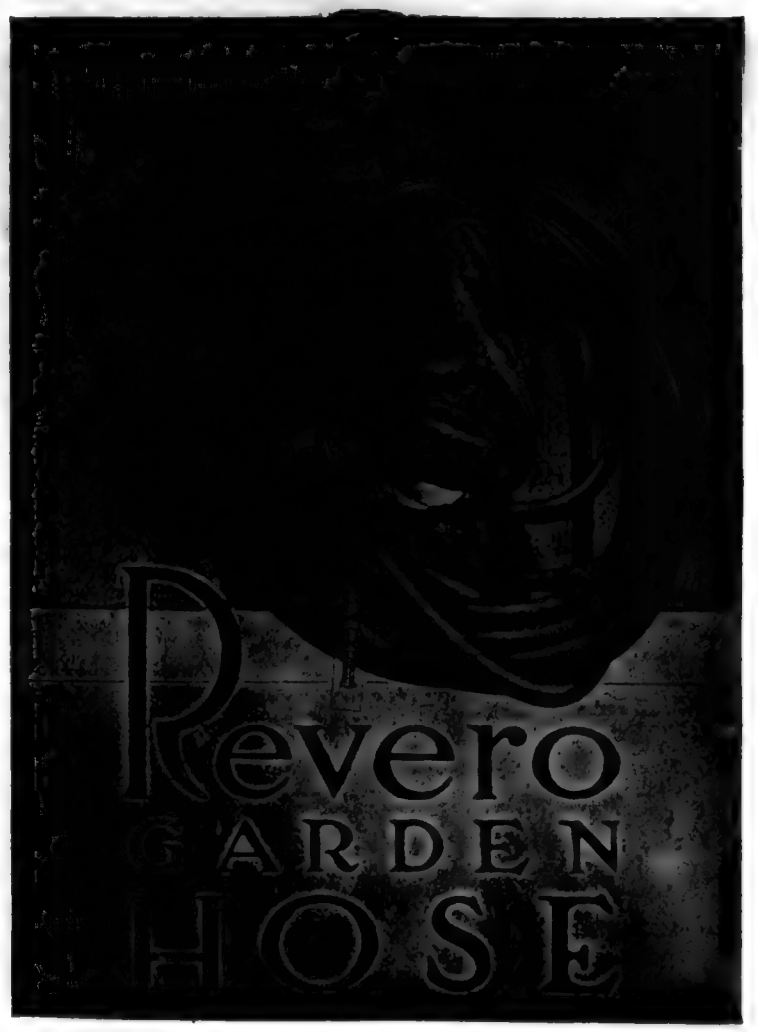
Write for Catalogue.

Tree Tubs and Brass Hoop Jardinieres.

The extension stave foot prevents the bottom from rotting. No chance for water to collect.

The American Woodenware Mfg. Co.
Toledo, Ohio, U. S. A.

Mention The Review when you write.



Light Strong Flexible

An indestructible moulded Hose for Lawn, Greenhouse, Stable, Garage. Of braided construction, cannot unwrap, kink or burst like old-style wrapped duck construction. Made in continuous lengths up to 500 feet, which gives you any length you want and avoids leaky couplings.

Manufactured by

Revere Rubber Co.

Works: Chelsea, Mass. Providence, R.I.

BRANCHES:

BOSTON, MASS.
New York, Philadelphia, Pittsburg, Chicago, Minneapolis, New Orleans, San Francisco.

Mention The Review when you write.

EVERLASTING VIRGINIA WHITE CEDAR R.C.W. RICHMOND CEDAR WORKS RICHMOND VA. U.S.A.

Anchor Brand Plant Tubs

Made of Everlasting Virginia White Cedar. Many styles —many sizes. Write for full prices and dealers' discounts

Richmond Cedar Works - - - Richmond, Virginia

EVERLASTING VIRGINIA WHITE CEDAR R.C.W. RICHMOND CEDAR WORKS RICHMOND VA. U.S.A.

Mention The Review when you write.

Our prices on HAND MADE

GREENHOUSE GLASS

Are always the lowest. Our qualities are the best.
We are MANUFACTURERS. Write us for prices.

THE COLE GLASS CO., Lancaster, Ohio

Mention The Review when you writ

YONKERS, N. Y.

The Yonkers Horticultural Society's first meeting of the year was held January 5 at the Hollywood Inn, when the newly elected officers filled their respective positions. They are as follows: President, H. Nichols; vice-president, F. Drexler; secretary, L. Taylor; treasurer, P. Macdonald; corresponding secretary, J. W. Watts.

The committee appointed to look after the annual dinner reported progress, and progress was reported by the committee in charge of the spring show. The society is still increasing in membership. Two more, George Norris and William Milliott, were added to the list of active members and William Mills was nominated for membership.

Mr. Milliott had offered prizes for the most meritorious exhibit, which brought out a goodly number of entries. Mr. Nichols won first, with a fine dish of mushrooms; Robert Cochrane, second, with antirrhinums. Mr. Macdonald showed a fine cineraria plant, which was awarded a cultural certificate. Mr. Hoffman won honorary mention with a double nasturtium plant.

The president and Robert Cochrane were appointed as delegates to attend the dinner of the Dobbs Ferry Horticultural Society.

The treasurer's report proved satisfactory, with a balance on hand of $110.71.

The society has decided to hold its annual dinner during the second week in February, and all are looking forward to it, as it is going to be the best the society has ever held. J. H. W.

SOUTH BEND, IND.

The Northern Indiana Florists' Association held its quarterly session here January 17. The plans for entertainment were in charge of the following four local members: Willis W. and Charles F. Kinyon and Paul O. and Wm. R. Beyer.

Officials of the association were most prominent on the program. J. D. Conner, of Wabash, is president; Harry White, of North Manchester, vice-president, and A. J. Wagoner, of Columbia City, secretary-treasurer of the organization. A dinner was served at Kable's north restaurant, on North Michigan street, and was enlivened by a series of addresses and discussions by various members.

S. JACOBS & SONS

1361-1365 Flushing Ave., Brooklyn, N. Y.

Manufacturers and Jobbers in

Greenhouse Construction Material

Take Notice We furnish working plans with each order free. We make no charge for any information you may require while erecting your house.

Most complete Factory of its kind in the United States

Established 38 Years

Absolute Reliability

Personal Attention Given to Every Order



ONE OF OUR NEW ADDITIONS.

Let us quote you LOUISIANA RED CYPRESS, BOILERS, PIPE, FITTINGS, VENTILATING APPARATUS, GLASS,

We carry 20,000 boxes in stock.

PUTTY.

Mention The Review when you write.

SEE THAT LEDGE.
Pat. Sept. 18, 1900

THE JENNINGS IMPROVED IRON GUTTER.

Use Our

Patent Iron Bench Fittings and Roof Supports

VENTILATING APPARATUS

Improved Vaporizing Pans for Tobacco Extracts, Etc.

Send for Circulars.

DILLER, CASKEY & KEEN, S. W. Cor. 6th and Berks Sts. PHILADELPHIA, PA.

Mention The Review when you write.

THE FLORISTS' HAIL ASSOCIATION

Has paid $192,000.00 for glass broken during the last 23 years. For particulars concernin g Hail Insurance, address

John G. Esler, Sec'y, Saddle River N. J.

Peerless Sulphur Blower

"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago

McMORRAN & CO. 162-166 N. Clinton St. CHICAGO, ILL.

ANOTHER SPECIAL FLOWER DAY

RETAILERS' ADVERTISING.

A Favorable Opportunity.

It is at such times as St. Valentine's day that advertising by the retailers has its greatest value: the demand lies right at hand, only awaiting the awakening that comes when the advertisements appear.

St. Valentine's day gives excellent copy material. Many retailers would like to use space in their local papers, only do not know what to say in the space after they have bought it—what to say, that is, that will bring a visible and prompt response. It does not take an expert to frame up an offer of valentine's boxes of cut flowers, or corsage bouquets, that will set the telephone bell ringing and line up the people in the store.

Every retailer ought to do some advertising, for the larger the quantity of such advertising there is seen, the more the public is impressed with the fact that it is the proper thing to make gifts of flowers February 14. What "everybody" does, everybody else must do—and that's what we want in this case.

Mail Orders.

It is possible to get mail orders for St. Valentine's day flowers to be delivered at a distance as well as locally. The accompanying illustration shows how Charles Henry Fox, Philadelphia, does it. The advertisement originally occupied a full page in a magazine of national circulation, The Fra. Because of the eccentric character of the publication, the copy was written to correspond, but the bid for business is plain and to the point. As it may be easier to read in type than in the plate, the text is printed here:

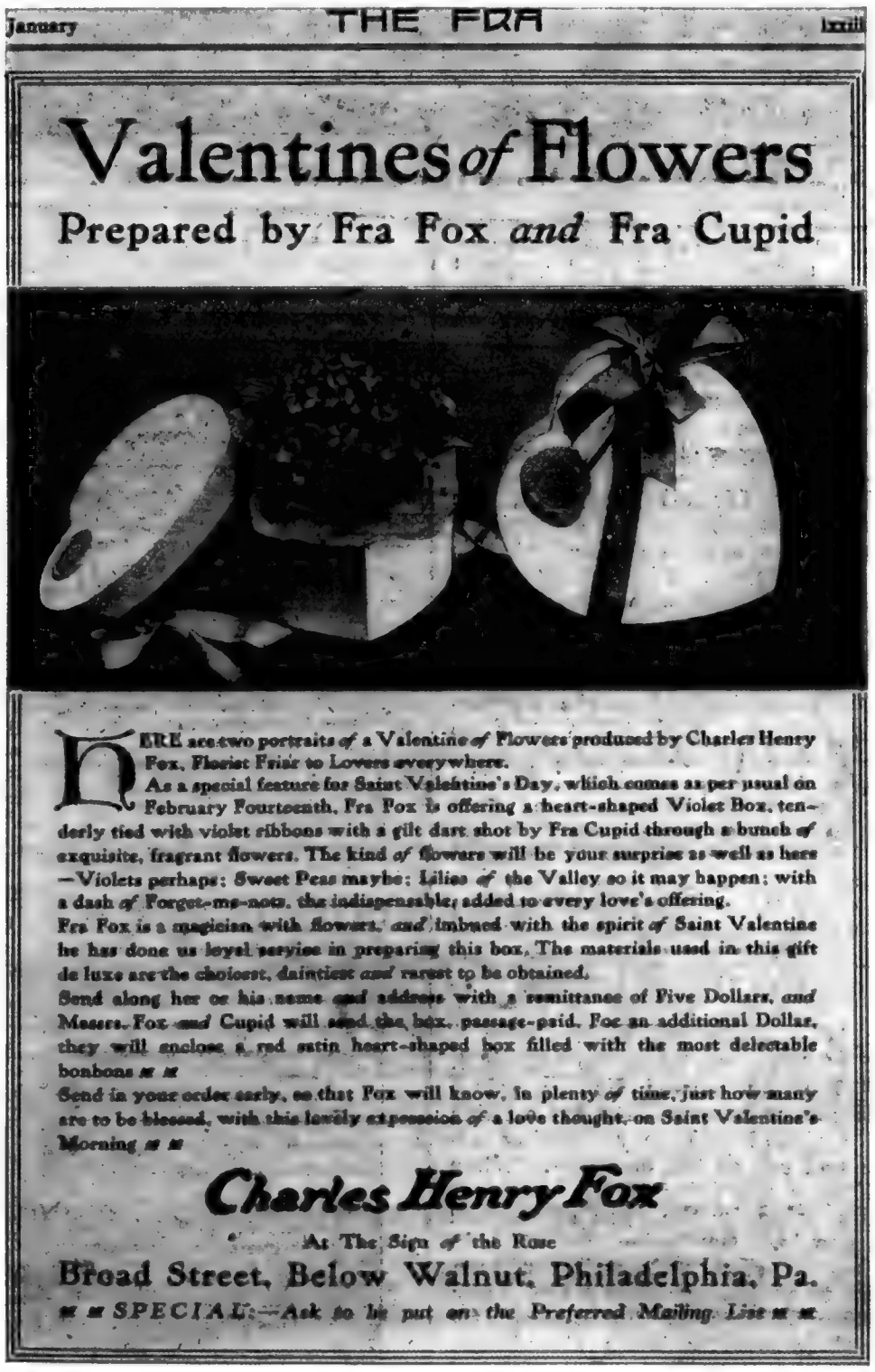
"Here are two portraits of a Valentine of Flowers produced by Charles Henry Fox, Florist Friar to Lovers everywhere.

"As a special feature for Saint Valentine's Day, which comes as per usual on February Fourteenth, Fra Fox is offering a heart-shaped Violet Box, tenderly tied with violet ribbons, with a gilt dart shot by Fra Cupid through a bunch of exquisite, fragrant flowers. The kind of flowers will be your surprise as well as hers—Violets perhaps; Sweet Peas maybe; Lilies of the Valley so it may happen; with a dash of Forget-me-nots, the indispensable, added to every love's offering.

"Fra Fox is a magician with flowers, and imbued with the spirit of Saint Valentine he has done us loyal service in preparing this box. The materials used in this gift de luxe are the choicest, daintiest and rarest to be obtained.

"Send along her or his name and address with a remittance of Five Dollars, and Messrs. Fox and Cupid will send the box, passage-paid. For an additional Dollar, they will enclose a red satin heart-shaped box filled with the most delectable bonbons.

"Send in your order early, so that Fox will know, in plenty of time, just how many are to be blessed, with this lovely expression of a love thought, on Saint Valentine's morning."



Brother Fox Assists Cupid.

ST. VALENTINE'S WINDOWS.

Timely window decorations always are a great help in advertising flowers for any special use and no retailer should fail to make use of the opportunity to feature St. Valentine's day. If the neighboring windows are full of the paper affairs the children delight in, so much the better. Let the public see that people of taste are using flowers and plants as valentines and many new buyers will come in.

Nothing is easier than to put the seasonable touch on the window decoration for the few days before February 14. It is Cupid's day. Therefore use Cupid's weapons and Cupid's targets—bows, arrows and bright red hearts. Fill the window so full of them that their meaning will be plain. The red heart-shaped violet boxes are almost a valentine's decoration in themselves.

The flowers used in the window should



Primroses and Cyclamens Dressed for St. Valentine's Day.

be such as are sent as Valentine's day gifts. A nicely lettered card can tell that orders taken in advance will be delivered at any designated hour on St. Valentine's day.

ST. VALENTINE'S DAY.

The Stock in Demand.

Fortunately for all concerned, the flowers most popular for St. Valentine's uses are those most abundant at this season of the year. First of all comes the violet; nothing else equals it in popularity for this date. Second choice is the sweet pea, with, of course, a certain proportion of the customers using cattleyas instead of the less expensive flowers. With the violets go gardenias and valley.

Violets are just coming into the spring crop in the early part of February, so that a large supply is assured. With many growers the winter-flowering varieties of sweet peas are just coming in, so that these also will be abundant. Cattleyas by the middle of February will not be so plentiful as they have been through January. The crop of Cattleya Trianæ is passing, but it is a misfortune rather than a benefit to have cattleyas too plentiful. A great many flower buyers select orchids merely because tney are orchids and are thought to be something exclusive and out of the ordinary. When you cheapen the price of the orchid it loses its value in the eyes of a good many people. Gardenias are now in much heavier supply than they were a year or two ago, for there are many more growers producing them. Of valley there usually is an abundance. Therefore the retail florist can go ahead with his St. Valentine's day preparations with the assurance that there will be good supplies of the most popular flowers and an unlimited supply of bulbous stock to fall back upon should the season's specialties, and the staples, fail to satisfy the demand.

Accessories Are Essential.

Practically all the St. Valentine's flowers go out in one of two forms. Either they are sent merely as boxes of loose cut flowers, or they are made up in the form of corsage bouquets. It is as important to have the accessories as it is to have the flowers. Of prime importance is the stock of boxes of appropriate size and shape, but of almost equal necessity is a stock of such materials as corsage shields of more or less elaborateness, appropriate ribbons and ties, with large, fancy-headed pins or clasps—no use sending out a corsage without some means for the recipient to attach it to her costume.

PLANTS FOR VALENTINES.

Plantsmen Not to be Denied.

It is only in recent years that St. Valentine's day, February 14, has come into any prominence as a special flower day, but in the last two or three seasons it has come strongly to the front. People of mature years and refined taste have found the youthful practice of sending valentines again opened to them by the ingenuity of the florist: To a grown man the tissue paper gewgaw with the amorous verse was an impossibility, but nothing could be in finer taste than for him to send each of his lady friends a box of flowers on St. Valentine's day.

The moment enterprising florists began to advertise to call attention to the appropriateness of the use of flowers as valentines, the business began to grow, until now February 14 is one of the special flower days for which preparations must be made if one is to take full advantage of his opportunities.

When the retailer began to push for St. Valentine's day business, it was all cut flowers. At first the sales mostly were boxes of loose cut flowers, and they probably still are, but corsage bouquets soon came to be the specialty of the day. Most of these were made of violets, but sweet peas are only slightly less popular, with orchids appealing to the class of trade that is willing to spend more money. All these call for the use of cut flowers, and St. Valentine's has been a cut flower day.

But when any day develops a special demand for the retail florists, plants are not for long to be denied a share of the extra business.

Some Simple Plant Arrangements.

Last year it occurred to some of the



St. Valentine's Day Baskets Arranged by Jacob Schulz, Louisville.



White China Receptacles Filled with Inexpensive Plants and Trimmed for St. Valentine's Day by Jacob Schulz.

retailers who grow their own plants that if the public will buy boxes of cut flowers to send as valentines, baskets of plants can be sold for the same purpose, just as at Christmas.

Now, the public expects its Christmas plants to be hung with Christmas bells, or tied with ribbon of the Christmas hue; and by the same token, the Easter plants are known for what they are because here and there peeps an incubator chick or duckling. So to make a St. Valentine's day plant just that and nothing else, to make it carry unmistakably the sentiment of the day, what more natural than to trim it up with Cupids, darts, or little hearts?

Those who tried it last year found it added materially to their sales.

Appreciating the value of an air of seasonableness in the stock of the retail florists, the supply houses always are quick to provide for their customers the trifles that go to make plant decorations timely and this year all the leading houses are offering inexpensive novelties for use at St. Valentine's day.

CORSAGE MATERIAL.

The sales for St. Valentine's day made a big jump forward when the retailers began to feature corsage bouquets for February 14. Of course the greater part of the sales still are the everyday boxes of loose cut flowers, but the advertising of corsage bouquets has helped sales all along the line by attracting attention to the appropriateness of all kinds of flowers for use as valentines.

The big city stores now use many thousands of violets for St. Valentine's day, almost as many as at Christmas. It is the result of push and publicity. For the better class of trade the violets are made up in corsage bunches of from 100 to 300 flowers. The violet foliage is used, backed by a shield of more or less elaborateness, according to the price charged. In the center of the bunch of violets there may be one fine gardenia or three or four spikes of valley, set so that the gardenia or the lower bells of the valley are just above the violets. The stems of the violets ordinarily are wrapped in violet or



A St. Valentine's Day Basket of Plants.

green foil, but the best workmen use ribbon. It is surprising how quickly they wrap and fasten the ribbon and attach the shield. Then comes the tie, which may be one of the ready-made affairs now offered in infinite variety by all the ribbon and supply houses, or it may be a bow of wide ribbon off the bolt. The box is lined with white tissue, not wax paper, for there is little moisture. With the advent of the better grades of boxes, the wrapping of the boxes has been discontinued; the box is too fine to conceal. The tag-makers now supply special designs for St. Valentine's day tags.

Next to violets, sweet peas are the most popular corsage flowers. It takes a more skilled worker to make a good bunch of peas than it does of violets, for the violets ought literally to be bunched, while the peas should be more loosely arranged. While adiantum is only occasionally used with violets, it is the usual green with sweet peas, although many retailers now are using the so-called Mexican ivy instead; indeed, the growing popularity of this native of the Santa Cruz mountains is cutting into the market for and price of the greenhouse green. For a tie for the peas a special ribbon should be in stock; narrow and light in effect, with colors to match the several colors of peas that are used from time to time.

The cattleya is the king of corsage flowers. With the requisites that go to make up bouquets of the other flowers, the worker has everything he needs with cattleyas. These should have the green that is added kept well to the back, so that neither the size, form nor color of the individual flowers will be obscured. The Mexican ivy, though a somewhat coarse green, has come to be largely used with cattleyas, because it does not wilt down the way adiantum is apt to do.

Rugby, N. D.—N. P. Lindberg reported, under date of January 22, that for a few weeks there had been real winter here, with the temperature as low as 46 degrees below zero. Still, business was fair and the stock in the greenhouses was in good condition.



SEASONABLE NOTES.

Cattleya Trianæ.

Cattleya Trianæ, being now in good crop, wants the cooler end of the house while open. It requires or prefers a little more warmth than C. labiata while growing, though both do well together. All cattleyas must be watered sparingly at this season, but when watering is done, soak them well and do not merely dribble a little on the surface. The buds will soon show in the sheaths of C. Schroederæ. Keep these at the warm end of the house. No shade, except for plants in flower, and some air every day, should be the motto for cattleyas.

Odontoglossums like a sunny house in winter. They want no shade before the middle or end of March. Lean-to north houses, often recommended, are useful for summer, but valueless in winter, when the plants want sun. Be it remembered that the growth is mainly made in the cold months, and if it is made in a sunless structure the plants will not stand the summer heat nearly so well as those which have had the foliage bronzed and toughened by the winter sun. Wrap a little cotton-wool at the base of all spikes as they appear, as a protection against snails, especially where sphagnum moss is used.

Miltonias.

Miltonias like a little more warmth than odontoglossums. If in the same house, give them the warmer end; 52 to 55 degrees at night should not be exceeded. They do well at the cool end of a cattleya house. Water carefully. Examine new growths; sometimes the sides of the leaves in new growths get caught and want releasing with a knife. Give full sun, and if the day is warm and bright a light spraying will do them good, being sure, however, that they are dry before night.

Sophronitis Grandiflora.

The brilliant little orchid, Sophronitis grandiflora, which has proved of so much value in hybridizing, is still in flower, the flowers being carried on the new growths. It grows well in small, shallow pans in a cool house and lasts a long time in bloom.

Calanthes.

As the calanthes pass out of flower, store the pots or pans away on a shelf in a temperature of 55 to 60 degrees, and keep them perfectly dry at the roots until they show signs of activity at their base. Then shake out and start in a brisk heat in flats of sand.

Dendrobiums.

Dendrobiums of the nobile type will mostly now be showing nodes and some are already flowering. While in flower they like shade and a temperature not below 50 degrees. If moved at once from a temperature of 65 degrees to one of 50 degrees, they will wilt badly; let the change be gradual. D. Phalænopsis Schroederianum and D. formosum giganteum, now done flowering, are benefited by a season of rest in a rather cooler house, after a few weeks of which any repotting or rebasketing is in order. D. nobile and its many hybrids are easily propagated from mature bulbs which have flowered. These, if cut off, laid on flats containing some sand and sphagnum and occasionally sprinkled, will soon develop numerous growths in a warm, moist house, which can later be placed several together in small pans or baskets.

Cypripediums.

The cypripediums are now in their full glory, and what a superb show a collection makes! They are fully as useful as cattleyas, besides being far more durable and of easier culture. These, being terrestrial orchids, have no real period of rest, and a severe drying will cause loss of foliage. Keep a decidedly moister atmosphere for these than for cattleyas and the atmosphere can be closer and warmer. The bulk of these succeed well in a mixture of fibrous loam and fern fiber. As the insigne section passes out of flower, any needing repotting can be shaken to pieces. The plants will not flower much the first year after repotting.

Lycaste Skinneri.

The grand old orchid, Lycaste Skinneri, does well at the cold end of a cattleya house. The growths are now made up and numerous flower spikes are starting to open. There are few orchids more attractive than L. Skinneri when well flowered and the blooms keep in good condition for eight to ten weeks. There is a pure white form which is particularly beautiful. This orchid should now be kept tolerably dry. It grows well in pots in a mixture of fern fiber and fibrous loam, surfaced with fresh sphagnum.

THE CROSS OF ORCHIDS.

Last week Chicago retail florists, or at least those who conduct the leading stores, had about as heavy a run of funeral work as ever has been experienced in one day. A midnight collision cost the lives of four high-up railroad officials, whose funerals all were held January 25, either in Chicago or in its suburbs. The prominence of the men and the nature of their deaths resulted in a call for funeral work which has not been equaled in recent experience, if ever. Not only were the designs of unusual number, but for size and cost many were notable. Probably the largest and most expensive of the lot is shown on page 13. It was a cross of orchids and valley, made by the Fleischman Floral Co. for the Illinois Central railroad and sent to the funeral of J. T. Harahan, ex-president of the Illinois Central. The design stood over six feet high, and Cattleya Trianæ and valley were the only flowers used. It is reported that the Fleischman Floral Co. received $500 for the design.



BLOOMS DO NOT OPEN.

Will some one tell me how I can get my carnations to give me some flowers? They have lots of buds, but it takes them too long to open. I have 160 plants and I can not get a dozen blooms from them in a week. The soil is composed as follows: First, a layer of manure on the bottom, so the soil would not go through the cracks; then leaf-mold; then good soil; then a little manure, well rotted; then soil, and, last, a little manure again, but remember, this is done in layers, not mixed up. I have three varieties. The light pink ones have not given me a half dozen blooms so far. The Rose-pink and White Enchantress have been a little better, but not as they should be. There are no bugs that I can see.

Is there anything that I can feed them with to make them bloom? Please tell me, if my soil is not right, how to fix it for next year. What kind of fertilizer is the best to get for greenhouse work, for carnations, geraniums, bedding plants, cabbage and tomato plants, to hustle them along in the spring? I have been looking around among some of the big greenhouses and examining their stock; mine does not look as theirs does. I am new in this line, though I have tried it for two years. My house is 15 x 40 and is heated with hot water. F. W. G.

If your plants look thrifty and, as you say, carry lots of buds, there may not be anything seriously wrong with them, except that the crop is late in coming in. You may have planted them late to begin with, or the plants may have been slow in getting into active growth, for some reason which



Five-hundred-dollar Design by the Fleischman Floral Co., Chicago, for the Funeral of J. T. Harahan.

I can not give at this time without more data. Your soil is not prepared properly. For next season leave out the leaf-mold, and mix the soil and manure thoroughly early in the spring, before you want to use it. You will not need a great deal of fertilizer, aside from good cattle or stable manure. With these and a good loam you can prepare a soil in which any plant will thrive. A light addition of pulverized sheep manure will sometimes help to boost things along, but do not overdo it.

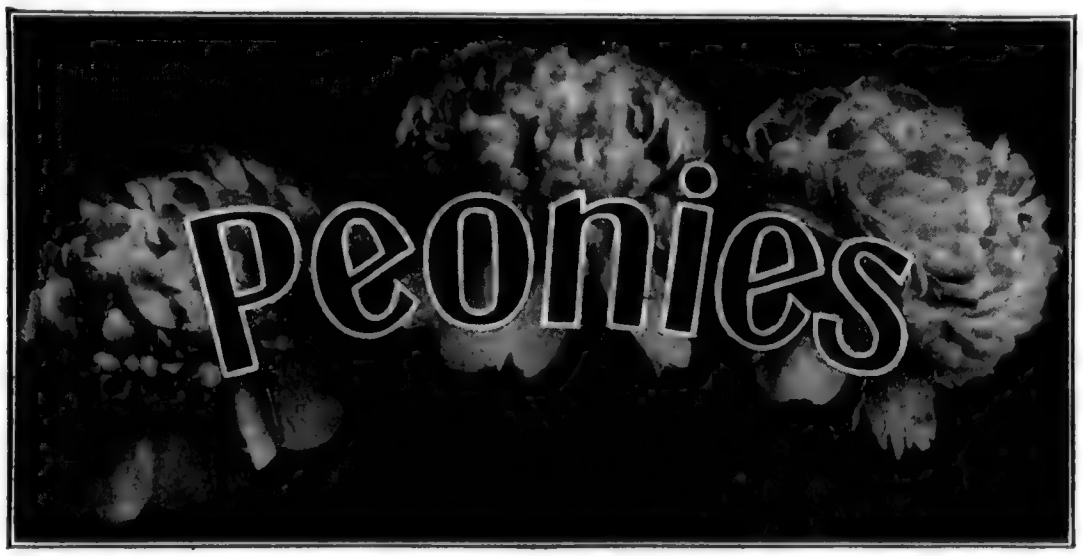
Growers too frequently harbor the idea that fertilizers are for the purpose of starting weakly plants into a strong growth. No greater mistake could possibly be made than this. A plant must be in active growth before it can assimilate any great amount of food, and almost any fairly good soil will contain as much food as a weak plant is able to take up. When the plant gets into active growth and is making progress toward robust health, then a stimulant will cause it to spring forward more rapidly in its growth. Fertilizers should be considered as supplemental, and not of a curative nature. In other words, you can not cure a sick plant by dosing it with fertilizers, but you can make a healthy, strong plant grow faster and stronger by giving it extra food. Furthermore, a well prepared soil is worth more than all the fertilizers you can put on afterward.

A. F. J. B.

REMEDY FOR RUST.

Referring to an inquiry in The Review of January 25, regarding carna-

tion rust, to which A. F. J. B. replied that "there is no known remedy that will destroy the rust without destroying the parts affected," the Aphine Mfg. Co., Madison, N. J., calls attention that Thomas Proctor, Lenox, Mass., has had excellent results in the use of Fungine as a cure for rust on carnations. He used one part of the fungicide to forty parts water.



FERTILIZER FOR PEONIES.

I should like to get a little information concerning the culture of peonies. What is the best fertilizer and how should it be applied to the best advantage? How are wood ashes, if worked into the soil around the roots? I begin cultivating just as soon as the ground is in condition for it in the spring and continue to cultivate until July; then I let the weeds grow, burning them off early, before the buds are through the ground. I have practiced this for the last two years, with good results. J. W. D.

Well rotted cow manure, applied to the plants late in October, is probably the best fertilizer for peonies. Being strong feeders, they require rich ground and this should be thoroughly enriched before they are planted. Bone and wood ashes, applied in early spring and scratched in about the plants, are helpful. E. J. Shaylor, of Wellesley Hills, Mass., in a lecture in Boston last May, recommended a good potato fertilizer, rich in potash, as being good for peonies; this, of course, would be applied in spring. I do not approve of allowing weeds to grow, as they only use up food which the plants should have. C. W.

STORING PEONY BLOOMS.

I am interested in storing a few peony blooms for Memorial day this year and would appreciate information through The Review on the following points: At what stage of development should the flowers be cut? How should they be packed? At what temperature should they be held and how treated while in storage? How long can they be held in salable condition? W. L. L.

Success in storing peonies is easier to describe than it is to attain; all there is to do is to cut the flowers just as they are ready to open, bunch and wrap them carefully, put in pails of water and stand in the apple temperature of any public cold storage warehouse. Theoretically, then, the peonies should keep in prime condition for a couple of weeks, some varieties considerably longer. But the fact is they don't do it, except for the few, who have acquired their ability through long experience and close observation. The average peony grower has found his flowers to be worth as much the day they are cut, no matter when it is, as they are worth after being put in storage to await a special demand. Holding the stock may be worth trying in a small way, but don't risk too much at the start.

Apparently the first detail to observe in storing peony flowers is to select the right varieties to grow. As a keeper there is nothing beats the old Queen Victoria, but the flower is far behind the times in the matter of quality. Some of the finest varieties, however, have faults that destroy their value for storage and shipping. Then, too, the peonies have to be well grown. The stage in which to cut depends on the variety; some will not open if cut too soon, while others soften and drop if not cut right. Also, the stage in which to cut depends somewhat on weather conditions and time of day in which the work is done. Most varieties should be cut just before the bud breaks. Thirteen identical buds should go into each bunch, after being given a drink. The lower foliage should be pulled off and the stems cut to even length. With as little delay as possible they should be wrapped tightly, placed in water not deep enough to reach the paper, and be placed in a room kept just above freezing. The peony specialists keep Queen Victoria under such conditions for as much as four to six weeks, but peonies are not like wine; beyond a quickly reached point none of them improves with age.

SOIL FOR DAHLIAS AND ASTERS.

I have some soil which I am planning to use for the growing of dahlias and asters and I should like to know whether the soil is suitable for such a purpose. The soil was removed from a small lake about four or five years ago. It contains sand about the size of buckshot, besides decayed leaves, and has grown several heavy crops of corn, but early planted vegetables do not ripen in it as soon as those planted in other soil. A. H.

This muck-like soil, which has grown good crops of corn, should grow equally good asters and dahlias. It is in itself rather light and would produce earlier crops were it mixed with loam, either sandy in nature or of a rather stiff and retentive nature. The great trouble with this soil is that it dries out badly in summer unless well mixed with some other material, and when once it gets quite dry, it takes a lot of rain to wet it. When it is well incorporated with other soil, however, and has been in use a few years, it makes good soil. There is no reason why your dahlias and asters should not do well in it if you manure it liberally, and, as soon as the ground is open, plow it deeply. C. W.

SEASONABLE SUGGESTIONS

Antirrhinums.

While it is as yet too early to sow snapdragon for planting outdoors, this is an excellent time to make a sowing for indoor culture to bloom for Memorial day. While white, yellow and pink are the best colors to sell in winter, it will be well to use some of the higher colors to flower at the end of May, these selling much better than the light shades. If you have a batch of plants blooming now, you can also secure an abundance of good cuttings from the flowering stems to perpetuate any extra good strains. These, if rooted in a carnation cuttings bench, potted and benched, will also come in useful for Memorial day trade. Antirrhinums are rather heavy feeders and plants now in crop will be benefited by a mulch of sheep manure and liquid manure once a week. Keep the plants carefully supported, for once the stems become bent they are practically useless.

Bouvardia.

Those useful winter-flowering plants, the bouvardias, will now be over for the season. All are readily propagated from root cuttings. This means cutting up the thickest pieces of the roots into short lengths and covering them with sand in the warmest propagating bench at command, where they will soon start to push up little growths. B. Humboldtii corymbiflora propagates easily from soft wood cuttings, which can soon be obtained in quantity by simply heading back a few old plants and placing them in a warm house to break.

Genistas.

Genistas started now will flower before Easter, but where nice flowering pot plants are in demand they can be

used for some weeks prior to that time. Do not give them a warm house; the cooler they are grown, the better. The absolute maximum night temperature should be 50 degrees. If cuttings have not yet been put in, place a batch in the sand now. The small side shoots, rubbed off with a heel, are the best and root more quickly than those cut through with a knife. They root readily in a carnation cutting bench.

Spiræas.

The Easter spiræas, or astilbes, should now be placed in a warm house. If they have been potted up for some time they will have made quite a few roots, even in a cold pit, and will now start into growth quickly when given heat and moisture. The old S. Japonica, as a pot plant, is now almost entirely superseded by the improved forms, such as Gladstone, astilboides floribunda and grandiflora. These take a few days longer to force into flower than S. Japonica. Queen Alexandra, while it can be forced into flower for Easter, is never seen in its best condition so early. It will pay much better to hold it for Memorial day trade, when its flowers realize double the price of the white varieties. All these spiræas enjoy heat, moisture at the root, feeding when once potbound, and as the foliage is easily scorched be sure to go lightly on fumigating where they are growing.

Rhododendrons.

Any rhododendrons intended for Easter should now be placed in a cool house and allowed to develop slowly. This is a much better policy than giving them a sweltering heat and copious syringings. Of course, they can be forced open under a few weeks of this treatment, but the flowers have no staying qualities. The new varieties, Pink Pearl and White Pearl, while rather high priced yet, are the best sellers in the market at Easter to critical customers.

Azaleas.

The Easter azaleas need not be subjected to any real forcing yet. They are better, however, in a night temperature of 45 to 50 degrees, in which the bulk of them will flower on time. Any which seem a little backward a month hence can be given a warm house, where they can be freely syringed and pushed along.

Azalea Mollis.

The beautiful Azalea mollis is a good seller, not alone at Easter, but for many weeks before that date. There are few plants which make a store window look more attractive than Azalea mollis in its exquisite shades of color. At this season it does not take over five weeks to force it into flower, and anyone who has a demand for nice flowering plants should place a few in heat weekly. For Easter it is early yet to start the plants, unless they are placed in a moderately cool house. It is much better to develop the flowers in a rather cool house, as they will then have a great deal more substance.

Lorraine Begonias.

Lorraine begonias which were headed back after the Christmas holidays and have been kept in a warm house are now giving a good crop of cuttings. These should be placed in the propagating bench once a week. Of course, there are still several months left in which to root these popular winter flowering begonias. Cuttings rooted even as late as early July will make nice little plants. Such as are rooted this early can be grown along to specimen sizes, if so desired. Do not overlook the newer Glory of Cincinnati, which is going to give Lorraine a much closer rub for popularity as it becomes better known.



A St. Valentine's Day Basket ot White Lilac.

Lilacs.

For Easter it is possible to start lilacs March 1 and flower them in four or five weeks. A far better plan, however, is to place the plants in a cool house now and allow them to develop more gradually. Treated thus they will have excellent foliage and the flower trusses will be firm and of a texture impossible in hard forced plants. The cool plants look better and are not wilted down, as are those which it has been necessary to rush into flower within a month. At this season, when cut lilacs are in demand rather more than the plants, a warm, dark cellar can be used until the flower trusses are half grown. Then gradually move them to light, or they will be soft. Charles X, Marie Legraye and Mme. Lemoine are three excellent forcing varieties.

Acacias.

Acacias are popular Easter plants. They should never be placed in a warm house, being like ericas, purely cold house subjects. It is generally unnecessary to attempt to forward the flowering of any of these for Easter, unless it comes unusually early, as will be the case in 1913. The variety most in evidence at the stores is A. armata, also called paradoxa. This may even need a little retarding to keep it in good shape, for once the little circular flowers start to turn brown, the plants are to a large degree rendered unsalable. Cuttings of A. armata can now be rooted in sand in a cool house. There is no trouble in rooting this variety, and in two or three years they will make nice salable plants.

Burlington, Vt.—John Wilson has been elected chairman of the board of commissioners having charge of the three cemeteries and will no doubt do much to beautify these peaceful resting places.

AZALEAS AFTER FLOWERING.

On page 59 of The Review of January 18, C. W. answers the question of V. A. A. regarding the treatment of azaleas after they have finished blooming. Now will C. W. give us some further information about the potting of the plants? We have some that we keep for customers from the time they quit flowering until they bud again. Should they be treated as C. W. states and repotted each fall? E. F. V.

When azaleas are carried over the summer in pots, which of course should be plunged to their full depth, they do not require potting each year. We have carried large sized plants over for five and six years without repotting. They are treated to weak liquid manure and soot water through the growing season. It is, however, an advantage to plant out azaleas after flowering, if they can be placed within easy reach of the hose, as they make better growth than when kept in pots. The pot-grown plants, however, will flower a little earlier. C. W.

TULIPS AND HYACINTHS.

What is the best way to treat tulips when brought in from a coldframe in flats; also hyacinths, etc.? M. M.

Early in the season it is better to place tulips and hyacinths in a dark, warm location when first housed. If you have no such place you could invert pots or pans of similar size over those brought in, plugging the hole in the bottom to exclude light. A few days of this treatment helps to lengthen the stems, something necessary early in the season, but after the middle of February the plants should have sprouted sufficiently to go into full light at once. Narcissi in variety should not require any drawing up, but could go into the light at once. A common practice is to stand the pans or flats under a bench in one of the houses for a short time, to assist in drawing up the stems. A cellar with some fire heat in it also answers finely for the same purpose. C. W.

STOCKS FOR EASTER.

We have a house, 16 x 200 feet, planted to stocks; La France and Silver White are the varieties, I believe. They were grown in pots and then planted in a bed, not a bench, about 8 x 10 inches apart. Should they be staked up? About what temperature should they be in, night and day, to get blooms by Easter? They are a new crop to us, so any information regarding them will be much appreciated. E. F. V.

For an early crop of stocks, benches would have had some advantages over solid beds. Stocks rather resent a high temperature and your night temperature should not exceed 48 degrees until the flower spikes start to open, when you can raise it a little, but it is better not to go above 52 degrees at night. The plants should not require any staking. A certain percentage will come single; as these have little commercial value, they should be pulled out as soon as they are detected, in order to give more space to the doubles. Any attempt to force the crop will only result in failure, as stocks will not stand such treatment. Ventilate freely; never syringe the plants overhead; fumigate every ten days, and keep the soil moist but never saturated. A scratch over occasionally will help to keep it open and sweet. W. C.



SAMPLES OF VIOLETS.

I am sending you a bunch of single violets and should like to know the name of the variety, as it is free in blooming and a pretty color. I am also sending a couple of California violets. We have grown this variety for ten years. One plant has changed; it is a little darker, the petals are broad and the stems are darker and shorter. Do you think this will change back or will it be a new variety? The leaves are not perfect, but are round and broad. J. G.

The flowers arrived somewhat frozen and can not be accurately named. The variety you send a small bunch of is not Princess of Wales, La France, Baron Rothschild or Kaiser Wilhelm, being smaller and a little darker in color. It most resembles Luxonne, a variety which attained considerable popularity a decade or more ago. The plant of California which sported will probably not revert, and if you consider it an improvement you should propagate all you can of it. None of the violets you forwarded are in any way to be compared with Princess of Wales, which is the single violet par excellence. If you once give this sort a fair trial you will soon discard such varieties as California, Luxonne or Governor Herrick, which are simply not in the same class, either for freedom of bloom, size, length of stem or general excellence. W. C.

ANTIRRHINUMS IN POTS.

We have about 500 antirrhinums in 2¼-inch pots, from seeds sown in September. They are about eight to ten inches high, with single stems. Any advice would be gladly received. E. F. V.

The antirrhinums must not be allowed to become too much rootbound in the pots. If you have any vacant bed or bench, plant them out ten to twelve inches apart. Pinch back the single shoot they now carry. This will result in the plants breaking freely from near the base. If you have not a bed unoccupied now, give them a shift into 3½-inch pots and loosen the ball a little with a pointed stick if much matted. Antirrhinums make a profitable winter and spring crop and are becoming increasingly popular. They like a temperature of 48 to 50 degrees at night, not higher. Your plants would not flower for Easter, but should bloom freely during May. You will find frequent notes on these plants in the cultural columns of The Review. C. W.

FORWARDER IN TROUBLE.

Indictments, charging false representation of contents of packages delivered to the Baltimore & Ohio railroad for transportation in interstate commerce, were filed January 22 in the United States District Court at New York against four Chicago forwarding agents. Each is accused of violating section 10 of the Interstate Commerce Act of 1889 (amended June, 1910), the penalty of which is a fine not exceeding $5,000 or two years' imprisonment, or both.

One of the men indicted is August Bontoux, president of the International Forwarding Co., which concern handles large quantities of bulbs, nursery stock and other imports for florists all over the country. Mr. Bontoux is charged with having shipped 8,500 pounds of natural flowers, or immortelles, as millinery goods not otherwise specified, at a rate of 75 cents per hundred pounds, whereas the regular prescribed rate on natural flowers is $1.50 per hundred pounds.

While it may be open to question if immortelles are millinery goods, the average florist will consider that classifying them as natural flowers is probably just as far from the intent of the men who made the railroads' rate sheets. Possibly Mr. Bontoux may have a good defense, if he can show that immortelles are used by milliners, in that they are not "natural" flowers because they are not in their natural condition; they have at least been dried and most of them also have been colored.

MORRISTOWN, N. J.

The Morris County Gardeners' and Florists' Society held its annual banquet Wednesday evening, January 24, at Piper's hotel. The society is 16 years old and growing fast, with a comfortable surplus in its treasury. Messrs. Duckham, Totty, Stokes and Herrington were the dinner committee and it was a banquet worthy of the name. The attendance was 125 and the decorations were especially munificent, Carnation Wodenethe holding the center of the stage.

Charles Weathered, of New York, was toastmaster and acquitted himself with the ability and honors that crown a quarter century of experience. There were visitors from all parts of Long Island and eastern New York, every society sending its representatives. The music and addresses were of unusual excellence. The singing of Will McDonald, of Yonkers, was especially appreciated.

The oration of the evening was made by Dr. Whitmore, of Red Bank, his subject being "The Cultivation of Flowers and Their Influence Upon Society." The toasts were: "The Morris County Society," responded to by William Duckham; "The S. A. F.," by John Young; "Financial Supporters," by Dr. D. H. McAlpine; "The Honorary Members," by Robert D. Foote; "The National Flower Show of 1913," by Charles H. Totty; "Morristown," by Mayor A. S. Pierson; "Gardening," by A. Herrington; "The Rose Society," by F. H. Traendly;

"The National Gardeners' Society," by M. C. Ebel; "The New York Florists' Club," by Walter Sheridan; "The Horticultural Press," by J. A. Shaw; "The Local Press," by J. E. Clarey. Other speakers were J. McIntosh, of Tuxedo; B. Wyckoff, of Elberon; William Turner, of Red Bank, and I. S. Hendrickson, of Floral Park. Other visitors were E. W. Neubrand, of Tarrytown; William Scott, of Elmsford; W. G. Badgley, of Summit; John Lager, of Summit; Robert Schultz and William Tricker, of Madison, and Messrs. Rickards, Sperling and Bunyard, of New York. J. A. S.

BLACKISTONE'S NEW STORE.

The illustration on this page shows the new Blackistone store in Washington, decorated for the Christmas season. The decorations were arranged about December 15 and left up until after New Year's. Mr. Blackistone believes that the best way to encourage others to decorate and to get the Christmas spirit is to show a little enterprise one's self. Contrary to the usual custom, this store did not sell any Christmas trees. This was left to the market men and smaller stores. Only high class business was catered to. The sales were about twenty per cent ahead of last year. H. C. H.



New Store of Z. D. Blackistone, Washington, D. C.

NEW YORK.

The Market.

There has been little change in market conditions or values during the last week. This week opened with a storm of snow and sleet, limited shipments and light demand. Prices remain firm, but with the promised warm wave and sunshine the older wholesalers predict a February slump and say that accumulation has already begun.

The American Beauty, which was never overabundant, last week reached holiday prices. Other roses, especially the novelties, were firm at current quotations. Of Killarney there is never a shortage and tremendous shipments are anticipated soon.

Carnation shipments are heavy, the quality of everything perfect, but values seem to have reached their limit for the season, and only the prize-winning novelties command fancy figures. The usual winter deluge of violets has begun. Prices have held barely steady, but with the temperature again permitting the street merchants to offer them to the public, no great drop is anticipated. Gardenias are abundant and the best are selling below the values of other years, few now going above $3 per dozen. The cheap grades go to the street and the department stores. Valley remains stationary, the best holding at $3 per hundred. The orchid shipments are large and in great variety. All the prominent wholesale houses are now handling orchids, demonstrating the widening of the demand, as there is never a serious surplus for long. Lilies are plentiful, and a few selected ones command $10 per hundred, the general quotation for the best seldom going above $1 per dozen. The supply of jonquils increases daily and it will not be long before the shipments from the sunny south begin. There is no scarcity of sweet peas, lilacs, narcissi, hyacinths, daisies, mignonette and freesia. Of the last named, the finest Purity ever seen here is now arriving.

McKinley day was well advertised and a somewhat better carnation clean-up than usual was made, but the creation and maintenance of sentiment in New York is a problem that still awaits satisfactory solution.

The Saturday Show.

The Horticultural Society of New York held a successful exhibition of orchids and carnations at the Museum of Natural History. The members of the orchid section of the society held their regular session, followed by an interesting stereopticon lecture by C. A. Darling, on "Grapes and Grape Culture." The blizzard and extremely cold weather interfered with the attendance.

The awards included a silver medal to Scott Bros., for William Eccles as the best vase in the show. The other carnation awards went to J. T. Burns, gardener for Miss C. A. Bliss; James Aitchison, gardener for Mrs. M. I. Borg; Thomas Aitchison, gardener for Henry Siegel; R. Bottomley, gardener for W. H. Fischer, and Alex. Mackenzie, gardener for Percy Chubb.

The principal orchid exhibits were from C. G. Roebling, Trenton, N. J., James W. Goodier, gardener; Mrs. F. B. Van Vorst, Andrew Anderson, gardener; F. V. Burton, William Cordes, gardener, and Clement Moore, J. P. Mossman, gardener. Lager & Hurrell received a bronze medal for Lælia anceps Lageriana.

Special prizes were awarded to the William Ziegler Estate, A. Bieschke, gardener, for a vase of freesia hybrids and one of Marguerite Mrs. Fred Sander; to Percy Chubb, for bunch of violets; to Mrs. F. A. Constable, James Stuart, gardener, for a vase of Euphorbia jacquiniæflora, and to Mrs. Myron I. Borg, for vase of stocks. C. G. Roebling received a certificate for Cattleya Trianæ Helen Roebling.

Various Notes.

The New York Florists' Club will meet at the usual place Monday evening, February 12. This will be carnation night and doubtless all the new varieties will be on exhibition. Growers may ship their stock in care of Traendly & Schenck, 131 West Twenty-eighth street, and it will be properly cared for and staged by the exhibition committee, of which I. S. Hendrickson is chairman. R. Vincent, Jr., president of the S. A. F., will be present and will give a stereopticon lecture on his travels in the southern states. J. H. Pepper will illustrate the Detroit convention and J. A. Shaw will talk about Bermuda, with lantern slide accompaniments. The dinner committee has decided to have the celebration of the silver jubilee Saturday evening, March 23, at the Park Avenue hotel, on East Thirty-third street. Tickets are $5.

The Plant Growers' Association celebrates this week Thursday, at Mouquin's, and Secretary W. H. Siebrecht, Jr., says that notwithstanding the exclusive character of the occasion he expects an attendance of 100.

W. E. Marshall is making a western trip and was last heard from at Omaha, Neb.

The Beechwood Heights Nurseries has opened a salesroom at 113 West Twenty-eighth street for the disposal of its gardenias and orchids. The salesroom is in charge of William J. Sheehan.

The Burnett brothers are frequently represented at the gardeners' banquets by their musical children, both boys being artists on the piano and violin.

President Farenwald, Secretary Hammond and Messrs. Pierson, Simpson and Traendly met January 24 at the office of Traendly & Schenck to arrange the American Rose Society's schedule on plants for the National Flower Show of 1913.

Nassau County Horticultural Society celebrated its sixth anniversary Thursday evening, January 25, with an attendance of nearly one hundred, half a car of New Yorkers among them. A visit to Oyster Bay in the afternoon by Messrs. Ebel and Shaw found both Teddy and John Ingram at home, the latter just recovering from quinsy. Mr. Ingram is the only florist in Oyster Bay. He is an orchid expert, making

this his specialty, and has over a thousand fine plants in his houses.

A. Moltz has leased the entire second floor of the Coogan building and has sublet nearly all of it. He will occupy the same office and store he has held for the last year and will handle all kinds of cut flowers as usual.

J. Austin Shaw.

Wertheimer Bros. say the spring season is opening up most promisingly. Reports from their ten traveling men are to the effect that the florists' trade throughout the country is in a prosperous condition.

The New York and New Jersey Association of Plant Growers will hold its monthly meeting at the Astor House February 6 at 3 p. m.

Judge Hough has dismissed the petition in bankruptcy filed January 16 against A. Moltz & Co., 55 West Twenty-sixth street, on consent of creditors. Mr. Moltz claimed the firm is solvent; the partnership is to be dissolved and he will assume all the debts. Maurice L. Glass was the other partner.

ROCHESTER.

The Market.

The automobile show and the January commencements had a vitalizing influence on the business of last week. Few cities can boast of graduations of public schools semiannually, as Rochester can, and flowers as graduation gifts are always in evidence. Business in general was much brisker than in the previous week, because the weather had moderated considerably, so that shippers were about in greater numbers.

Roses were extremely scarce last week and the prices were almost doubled. Fancy Tafts and Killarneys went for $4 and $5. Beauties brought $10 and $12; Richmonds, $3 and $4. The Mrs. Aaron Ward roses were all quite short-stemmed and they went for $2.50 per dozen, as did short Killarneys. It was necessary to draw on the Chicago market for special orders of Perle roses.

Carnations are plentiful and of splendid quality. Cattleyas are still flooding the market and are cheap, to say the least. Easter lilies and callas are bringing good prices, because they are scarce.

The display in all the florists' windows consists of spring flowers, both plants and cut blooms. Pussy willows are in great favor at present and add artistic touches to baskets and plants. Violets are falling off in supply, but the demand is still firm.

Various Notes.

S. A. Anderson, of Buffalo, N. Y., was in town on business last week.

At the regular meeting of the park board, held January 25, Alexander B. Lamberton was again chosen president of the board. William C. Barry was made first vice-president; H. F. Atwood, second vice-president, and John E. Durand, third vice-president.

Charles Sharpe, of H. E. Wilson's, entertained his parents, from Hornell, N. Y., last week.

Miss Nettie Mahr has been assisting at the store of the Rochester Floral Co. for a few days.

Word has been received from the Misses Bradstreet, who are in Daytona, Fla., that they have had cold weather in the southland.

Harry Brush, of George B. Hart's commission house, has returned from New York city, where he had been spending a few days.

Mr. Weller, of Salter Bros., did a pleasing table decoration of spring flowers at the Powers hotel recently.

Mrs. E. R. Fry made a high score at the bowling club last week. It was 340.

George Arnold gave two talks at the Farmers' Institute in Geneseo, N. Y., not long ago.

James Bishop, who had a paralytic stroke last week, is improving slowly but surely.

The Julius Roehrs Co., of Rutherford, N. J., is shipping some fine cattleyas to this city.

William C. Barry was again elected president of the Western New York Horticultural Society, after having acted in that capacity for twenty years, and John Hall was elected secretary and treasurer, at the convention which took place in this city January 24 to 26.

George Kramer has discontinued his activities with S. A. Anderson, of Buffalo, and is again residing in Rochester.

George J. Keller has begun cutting his crop of myosotis and it is bringing a fancy price.

F. C. Wallace, of Canandaigua, was in town last week.

Visitors: R. J. Irwin, New York city; Julius Dilloff, of Schloss Bros.

E. C. A.

BOSTON.

The Market.

We have had several successive days of severe cold, which as usual has had a somewhat depressing effect on business, and, with the exception of roses, there is an oversupply in nearly all lines of stock. Roses continue to clear out in short order, white varieties moving almost as well as the colored ones. Prices on Beauties hold up well and these are not at all plentiful. Antoine Rivoire or Prince de Bulgarie is a good selling rose and many more could be disposed of. Radiance also takes well; all the yellow shaded roses are also in good demand. Carnations are in oversupply and prices are about the same as a week ago. The quality leaves little to be desired. Violets seem to be opening slowly and are not in large supply, but ample for the demand. Sweet peas were surely never seen in such numbers in midwinter, nor of finer quality. The supply far exceeds the demand, however.

Prices on bulbous stock have been practically cut in two. Golden Spurs which were selling at $4 are down to $2, and even $1 per hundred. Princeps, Victoria, Emperor and Single Von Sion are other trumpet varieties. There is also plenty of poeticus ornatus. Tulips are abundant and of fine quality. Valley is in better supply, but the sales are uncertain. There are also many more Easter lilies coming in. Marguerites are more abundant. The yellow variety sells the best. There is still a good supply of freesia. Of antirrhinum some splendid shipments are seen, as of mignonette. Orchids are overplentiful, cattleyas especially being hard to move. Quite a few Lælia anceps, dendrobes, Phalænopsis and other varieties, are seen. Gardenias are an uncertain sale. Asparagus and ferns sell quite well.

Plant trade is better. Among other flowering subjects now offered are azaleas, lilacs, genistas, metrosideros, double cherries, malus, deutzias, acacias, marguerites and ericas.

Various Notes.

Thomas Pegler has been appointed manager for the Flower Growers' Sales Co., entering on his duties January 29. The company hardly could have found a more popular, energetic or better posted man. Mr. Pegler recently was elected president of the Gardeners' and Florists' Club.

George E. Buxton, of Nashua, N. H., is one of the largest shippers of high grade carnations to the Boston wholesale markets. His leaders this season are Pink Delight, White Wonder, Glorioso, Beacon, Winsor, White Enchantress, White Perfection and Bon Ami, one of his own seedlings. He also had grand mignonette and some of the finest pink antirrhinums, of a pure color, coming into the city.

I noted in P. L. Carbone's Boyleston street store last week many grand specimens of lilacs in variety, Azalea mollis, Acacia pubescens, amaryllis, specimen Azalea amœna, forsythias, prunus, and many other interesting plants. Mr. Carbone has had some large decorations of late and the store always seems busy. New and extensive wholesale quarters at 263 Summer street and 10 Melcher street are now filled with a big stock of Italian flower ware, rustic garden furniture, baskets, etc., which branch shows a great increase in business.

W. B. Goodenow, of Stoughton, is recovering from a couple of broken ribs, the result of a fall on the ice a few days ago. Mr. Goodenow has some of the finest Campbell violets seen in the local market.

Prof. E. F. Hitchings, of Orono, Me., lectured before a good audience at Horticultural hall January 27, his subject being "Insect Pests and Their Control."

Mention was inadvertently omitted of the singing of the Boston Flower Exchange trio at the last club meeting. The vocalists were James McCarthy, Nathan Lerner and "Happy" Lerner. Their selections were vigorously applauded and great credit is due Wm. McAlpine, their efficient manager.

H. W. Vose, of Hyde Park, at the Boston Flower Exchange sold from 8,000 to 10,000 Golden Spur narcissi daily last week, in addition to his other bulbous flowers. His La Reine tulips are fine.

The members of the Boston Flower Exchange collected and sent a purse of $20 to the widow and six children of Silas N. Phelps, who was electrocuted at Boston, January 26, for murdering a deputy sheriff.

Galvin's windows on Tremont street have contained a fine assortment of old-fashioned hand bouquets with paper holders. Comments of onlookers were favorable.

Last week developed quite a demand for yellow carnations, which could only be partially filled. At present Messrs. W. R. Nicholson and S. J. Goddard, of Framingham, are about the only growers of yellow carnations. Golden Ray with them is promising.

Aubrey A. Pembroke, of Beverly, through the Flower Growers' Sales Co., is selling thousands of sweet peas daily. He also has a splendid lot of carnations.

The midwinter flower show at Horti-

cultural hall, opening February 2, promises to be specially strong in roses and carnations. There are twenty classes for the latter.

John K. Farquhar is largely instrumental in getting the Newport Garden Association, which comprises most of the wealthy residents there, to hold a big July flower show to run for a week, with some $6,000 in prizes. Floral parades and other features will probably be included. There will be numerous excursions run. Chester I. Campbell, who managed the National Flower Show, has been engaged as manager.

We are pleased to see Edward MacMulkin out again after quite a severe sickness.

A new flower store operated by Macdonald & Askell has been opened on Dartmouth street, near the Hotel Vendome.

Visitors last week included M. Fuld, with H. F. Michell Co., Philadelphia; H. P. Hodgkins, with Arthur T. Boddington, New York; L. W. C. Tuthill, New York; Prof. E. F. Hitchings, Orono, Me.

John McFarland, of North Easton, has 5,000 giganteum lilies which will be just right for Easter. He thinks he will drop gardenias and grow several houses of roses next season. He has just completed a substantial garage in the rear of his greenhouses.

J. Otto Thilow, of Philadelphia, will deliver a stereopticon lecture at the next club meeting, February 20. This will be carnation night and a large display is expected.

The sweet pea show next July is arousing much interest here. William Sim has thoroughly aroused the enthusiasm of both private gardeners and commercial growers, and the exhibition is likely to far surpass any previously held in America.

J. Newman & Son, on Tremont street, are showing some superb mignonette and antirrhinums. Their windows are always nicely arranged.

W. N. Craig.

NEW ORLEANS.

The Market.

Altogether, the month of January has been satisfactory to all the florists here, and a brisk business was reported from all quarters. Cut flowers and plants are moving freely and bulbous stock is plentiful, but there is no overstock of any kind. Some fine home-grown roses are being cut by the only growers of these flowers in the city, and the first of the 1912 crop of valley is making its appearance with several local growers and is of a good grade, although somewhat sparse in foliage.

The warm and dry weather we have been enjoying the last two weeks enabled the florists, landscape gardeners and truck farmers to do some hustling, and a great deal of outdoor work has been accomplished. The bulk of the Roman hyacinth and narcissus bulbs is planted, likewise the first gladioli. January 13 we had the coldest weather since February, 1899, the thermometer registering 23 degrees. A sleet storm in the evening preceded the freeze, which, luckily, lasted only a few days. None of our hardy palms were damaged, but geraniums, Boston ferns, Asparagus plumosus and Sprengeri, alternantheras, sweet peas, antirrhinums and several other varieties of more or less tender outdoor plants were either killed entirely or partly ruined, and the market and landscape gardeners look forward to doing a good business this spring. Although somewhat late in the season, several florists resowed sweet peas for a later crop, and antirrhinum kept over in flats or pots and planted out now will bring good flowers later in the season.

The truck farmers suffered heavily on account of the severely cold weather, which practically destroyed all of the tender vegetables, such as lettuce, spinach, radishes, etc., and more or less injured our crops of endive, beets, carrots, shallots, mustard, etc. The cabbage crop throughout this section has also been damaged to some extent. The orange groves in the southern part of the state were practically unhurt, for the reason that the sap this time of the year is not yet in the trees and the cold could do no harm. The weather we are having at present is helping the growing crops considerably, and it is hoped that the young crops may be saved. The shipping will be delayed considerably owing to this freeze.

All the seed houses are doing a rushing business, both counter and shipping trade, and all kinds of stock are moving freely.

Various Notes.

The Metairie Ridge Nursery Co. is cutting some fine roses, both standard and new varieties.

U. J. Virgin has his first lot of narcissi in bloom and they are of a high grade. His new crop valley is fine.

Christ Reuter is doing a rushing business in the seed trade, both local and shipping.

The Joseph Steckler Seed Co. has a busy time filling orders for seeds, trees and plants.

C. W. Eichling has some elegant azaleas in bloom and reports a splendid business.

R. E.

CINCINNATI.

The Gateway to the South.

The local market is the tightest it has been for some time. Everything worth while sells on sight and some stock that has little quality has moved well. In short, everything is cleaning up almost as fast as it comes into the market. The call from out of town has been strong.

The rose supply is limited. Killarney and White Killarney are running short of the demand. The offerings of the latter are smaller than those of the former. Richmonds are meeting with a good call. The same is true of Beauties. Other roses, including Bride, Taft, Ivory, Maid and Golden Gate, are all cleaning up well. Carnations are numbered among the "best sellers." All varieties and colors are being picked up quickly with the exception of red. The supply of bulbous stock is increasing and every bit of it sells well. Narcissi are now cleaning up with regularity and have advanced slightly in price. The lily supply is beginning to run short. The local growers of Easter lilies are pretty well cut out and shipments from out of town are not so large as might be easily utilized. The cut of callas, while good, is none too large.

Other lines are fairly well provided for. The end of the week saw some lily of the valley offerings that were the best that have been seen on Third street for a fortnight. The supply of orchids is adequate. The good single violets are taken up quickly, while New York doubles are selling fairly well.

Business in the green goods market is brisk. Fine smilax and Sprengeri can be had at all times. The supply of plumosus is a little short. The demand for cut ferns and leucothoe is satisfactory.

Various Notes.

The Cincinnati Cut Flower Exchange has about completed the large line of supplies by the addition of baskets of many shapes and sizes.

Harry McCullough has been seriously ill. He is at the German Deaconess hospital in Clifton.

C. E. Critchell reports a much stronger demand for Mexican ivy since the flower market has tightened.

Mr. and Mrs. Conger returned last week from Chicago, where they had been visiting Mr. Conger's mother.

E. G. Gillett says his wire department has been exceptionally busy of late.

On Sunday morning Mrs. Nick Weber, wife of the Mohawk florist, slipped on an icy pavement and struck the back of her head. Fortunately, however, there was no fracture of the skull and with the exception of a few bad bruises Mrs. Weber is doing nicely.

Visitors: Frank Farney, of M. Rice & Co.; Julius Dilloff, of Schloss Bros.; Mr. Keeman, of the Climax Mfg. Co.; Sam Seligman, of Wertheimer Bros.

C. H. H.

Miss Mae M. Carroll has left D. Rusconi and has started in business for herself at 4262 Ashland avenue, Norwood, as an importer of bulbs and plants.

OBITUARY.

Mrs. Emma von Windheim.

Mrs. Emma von Windheim, connected with the seed trade in Omaha, Neb., died at her home, 2616 Poppleton avenue, Omaha, on Wednesday, January 24, at the age of 82 years. She was proprietor of the Nebraska Seed Co., of which H. G. Windheim is manager.

Mrs. Windheim was born in Saxony. She crossed the Atlantic ocean in a sailing vessel in 1852, and traveled to Omaha via the Missouri river from St. Louis in a boat propelled by sails, poles and oars. Her husband, the late Peter von Windheim, was the official painter for the Union Pacific when that road started building to the west. She is survived by four daughters, Mrs. Richard Engelmann, of Chicago; Mrs. Henry Nespor, Mrs. Charles Karbach and Mrs. Henry Rix, of Omaha; also by three sons, August, Philip and Henry, of Omaha.

Columbus, O.—The store of the Fifth Avenue Floral Co. was slightly damaged recently by fire.

Independence, Mo.—On the night of January 20, a fire at the Sunny Slope Greenhouses, owned by the S. B. Ayres Co., destroyed the office and greatly damaged the greenhouses. The stock was ruined by exposure. The loss was estimated at $5,000.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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Petoskey, Mich.—Arthur Hammond has built a greenhouse, 16x48, on his property in the east part of town.

SOCIETY OF AMERICAN FLORISTS.

Incorporated by Act of Congress, March 4, 1901.
Officers for 1912: President, R. Vincent, Jr., White Marsh, Md.; vice-president, August Poehlmann, Morton Grove, Ill.; secretary, John Young, Bedford Hills, N. Y.; treasurer, W. F. Kasting, Buffalo, N. Y.
Annual convention, Chicago, Ill., August 20 to 23, 1912.

RESULTS.

We give them. You get them.
We both have them.

All through the country there are, in florists' hands, large quantities of glass that has not yet been laid. A good part of it will go into new houses in the spring.

Not a few subscribers save themselves the bother of annual renewal by sending The Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

The many American friends of Fred Sander, of St. Albans and Bruges, will learn with pleasure that after a long and serious illness he has recovered as a result of the operation the doctors considered necessary.

The big city markets may have, generally speaking, all the stock that is required, but the country at large still needs more cut flowers, and especially more plants, so that greenhouse building will go right along.

Active work is being done in the interest of a federation of the florists' clubs of the State of New York, through which it is expected to be able to reach the legislature and other bodies not now thoroughly cognizant of the extent of the industry.

Don't overlook the near approach of St. Valentine's day. For the last two or three years the use of boxes of flowers in place of the paper contraptions has shown a decided increase. Get up an attractive window display and some good newspaper advertisements and you can help the good work along by doubling your last year's sales for February 14.

The long and severely cold spell was unusually destructive to boilers; also it was responsible for dozens of fires in greenhouse establishments, many of which were followed by freeze-outs. Hundreds of florists who will manage to get through this season with their present apparatus will see to it that before another winter they are farther from the danger line.

The United States Civil Service Commission announces an examination to establish an elegible register from which to make certification to fill a vacancy in the position of horticulturist in the Bureau of Plant Industry, Department of Agriculture, Washington, D. C., at a salary ranging from $2,250 to $2,500 per annum, depending upon the qualifications shown, and vacancies requiring similar qualifications as they may occur; also a similar examination for the position of assistant horticulturist at $1,800 per year. Applicants should at once apply for Form 304 and special form to the United States Civil Service Commission, Washington, D. C.

ROSE PLANTS AT NEW YORK.

The American Rose Society, having voted at the Detroit convention in January to join with the S. A. F. in holding the National Flower Show at New York in 1913, has lost no time in issuing the prize schedule for rose plants. The chief feature is $200 and $150 for first and second premiums for group to occupy 300 square feet.

A scale of points for judging plants also has been issued, as follows:

For Groups.		For Specimens.	
Size of Group.....	20	Size of Plant.....	20
Distinctiveness	15	Cultural Perfection.	25
Cultural Perfection.	20	Floriferousness	20
Number of Varieties	20	Foliage	15
Arrangement	25	Quality of Bloom...	10
		Color of Bloom.....	10
Total 100		Total 100	

Those interested may obtain a copy of the complete list by addressing the secretary, Benjamin Hammond, Fishkill, N. Y.

IS IT WORTH TRYING?

There still are a few florists who do not avail themselves of the opportunities presented by the Classified Department of The Review—they simply can not get away from the old-fashioned notion that advertising is an expense. But this is the way it really works:

Please take out my advertisement, as I am all sold out. It has sold for me more than 200,000 bulbs. Your paper certainly does the work and I thank you very much. If any money is due me you may retain same until I send you another advertisement.—Wm. Espel, Benton Harbor, Mich., January 29, 1912.

It may interest some florists who do not have as much business as they would like, that this advertisement occupied eight lines under the heading "Gladioli" in the Classified Department; that it was ordered for five insertions but that only four insertions were necessary to clean up a stock of more than 200,000 bulbs. The cost was $3.20.

CHICAGO.

The Great Central Market.

The last full week in the month proved to be right up to the best January record, and the last three days of the month also have been excellent. Had the entire month been as good as the last third of it was, everyone would have been satisfied. There was, however, no material increase over the same period of a year ago, so that there was nothing to offset the big falling off that nearly everyone suffered as a result of the extremely cold weather the first twenty days of January. On the whole, therefore, the month of January is behind the record of last year, though business has now got back to the regular midwinter volume and the outlook generally is considered to be good.

The general impression is that there is a decidedly short supply of stock, but really the scarcity is confined to the shorter lengths of roses. Of practically everything else there is at least enough to meet the present demand. While orders for short roses cannot be filled and medium roses are kept cleaned up, the buyer who is willing to pay from 10 cents to 15 cents for his stock has no trouble getting all the roses he wants. The difficulty is that where one buyer is willing to pay 12 cents, there are a hundred whose limit is 8 cents, except perhaps for an occasional special order. Beauties have shortened up since last report, but not sufficiently to cause any marked advance in prices.

It is the almost unanimous report that carnations are not coming in as heavily as they were during the time of the rose shortage last season. Some of the wholesalers say they are getting as good average prices as last year,

WE HANDLE THE CREAM OF THE

VIOLETS

Order Now for St. Valentine's Day

WHILE we have a very large supply of fine Violets, the prospect is for a heavier demand than ever before for Valentine's Day, so it is the part of wisdom for retailers to place orders with us now. Send us your order today, or write us about it. Those who place orders now are insured—sure of their supply and protected against rise in price.

NEW YORK DOUBLES, - - - - - - $7.50 and $10.00 per 1000
PRINCESS OF WALES, fancy singles, - - - - - - - 10.00 per 1000
CALIFORNIA, good singles, - - - - - - - - 7.50 per 1000

SWEET PEAS

Long-stemmed, fancy stock, all colors

These are fine Peas—no better ever were offered at this season of the year—the best winter-blooming varieties done to perfection. These Peas have made a hit the last two winters, and our growers increased the supply for this season. We ship fresh from the vines, putting the stock in your hands with all its first fragrance. In good crop for Valentine's Day.

Cattleyas

Our orchids are home-grown, and you always get your orders filled if you place them with us. Order now for St. Valentine's Day.

Fancy Valley

Fine Valley is something you need, not only for St. Valentine's, but every day in the year. We **always** have it. Order of us.

CARNATIONS

Carnations are at their best at this time of year. The quality of our stock is right up to top notch, and the supply is large and on the increase. All leading varieties. **Now is the time the retailers should push Carnations, relying on us to keep them supplied.**

Beauties

We never are without Beauties. Your orders always will be filled if you send them here. A big cut of **short** Beauties now on. Can handle large orders.

Killarneys

The quality of our Killarneys is the talk of the town—and we have quantity, too, but most of the stock runs in the select and special grades, few shorts.

All Bulb Stock In Large Supply

FANCY VALLEY ALWAYS ON HAND
Chicago Market Brand—the finest.

Current Price List

ORCHIDS		Per doz.
Cattleyas	$5.00 @	$6.00
Dendrobiums		6.00

AMERICAN BEAUTY		Per doz.
Extra long stems		$5.00
Stems 30 to 36 inches		4.00
Stems 24 inches		3.00
Stems 15 to 20 inches	$1.50 @	2.00
Short	per 100, $6.00 @ $10.00	

ROSES		Per 100
White Killarney, special		$15.00
" " select	$10.00 @	12.00
" " seconds	6.00 @	8.00
Killarney, special		15.00
" select	10.00 @	12.00
" seconds	6.00 @	8.00
Richmond, special		15.00
" select	10.00 @	12.00
" seconds	6.00 @	8.00

Extra special roses billed accordingly.

CARNATIONS		Per 100
Common	$2.00 @	$3.00
Select, large and fancy		4.00

MISCELLANEOUS		Per 100
Violets, New York double	$0.75 @	$ 1.00
" single	.75 @	1.00
Easter Lilies		15.00
Callas.....per doz., $1.50 @ $2.00		
Valley, seconds		3.00
" select		4.00
" special		5.00
Daisies	1.00 @	2.00
Sweet Peas	.75 @	1.50
Paper Whites		3.00
Romans	2.00 @	3.00
Mignonette	6.00 @	8.00
Golden Spurs	3.00 @	4.00
Freesia	2.00 @	4.00
Tulips	3.00 @	5.00

DECORATIVE		
Asparagus Plumosus..per string,	.50 @	.75
Asparagus Plumosus..per bunch,	.35 @	.50
Asparagus Sprengeri.. "	.25 @	.50
Adiantum, fancy, long ...per 100,	1.00 @	1.50
" medium..... "	.50 @	.75
Smilax .....per doz.,	$2.00	15.00
Mexican Ivy .....per 1000,	6.00	.75
Ferns..... "	2.50	.25
Galax..... "	1.25	.15
Leucothoe Sprays		.75

Store open from 7 a. m. to 6 p. m.
Subject to market changes.

E. C. AMLING CO.

The Largest and Best Equipped
Wholesale Cut Flower House in Chicago

68-70 E. Randolph St., CHICAGO

Long Distance Telephones, 1976 and 1977 Central.

[CONTINUED FROM PAGE 8]

ANSWER:

Wertheimer Brothers

ARE RUSHED SHIPPING ORDERS TO SATISFIED CUSTOMERS AND

These Customers do the Advertising

but others report that they are realizing quite a little less; no one, so far as heard from, claims that the price has advanced in the proportion that the supply is reduced. There appears to be a fair volume of business in carnations, with enough stock so that orders at seasonable prices can be filled without much difficulty, and enough stock so that the buyer who is willing to make the rounds can at length find someone who will sell just a little below the market. In spite of its higher price, the best stock has the call.

The orchid market is stiffening, the crop of Trianæ having passed its heaviest. Violets have not been so abundant in the last week, and the demand has been better. Valley is abundant. There are plenty of gardenias, eastern stock. Sweet peas are coming in heavier than at this time last year and are selling well. There is an abundance of all kinds of bulb stock, though now and then good yellow tulips have been in demand exceeding the supply. Jonquils are so much more plentiful that the price is falling, in spite of improved quality. Daffodils have arrived. Easter lilies are not generally in large supply, but two of the wholesale houses have big resources along this line, so that the market never is without lilies. Callas have cut little figure this season.

The shortage of roses is increasing the use of galax and other greens for designs, but the supply of all green goods is ample.

The Spring Show.

J. H. Burdett calls attention that the Chicago spring flower show is close at hand. Many promises of exhibits have been received, he says. The show opens March 12 in the Art Institute. Every effort has been made to reach prospective exhibitors with preliminary premium lists and letters, but it is impossible to reach everyone, and every florist who is interested is urged to write for literature to J. H. Burdett, secretary, 1620 West One Hundred and Fourth place, Chicago.

The spring show is an experiment, and one which every florist should desire to be successful. The Horticultural Society appeals to the florists all over the country, but particularly in the neighborhood of Chicago, to help make the exhibition one which will do honor to horticulture and be worthy of the Art Institute.

Elmer D. Smith, Adrian, Mich., writes that he will try to send some late chrysanthemums. Peter Fisher, Ellis, Mass., promises an exhibit of Benora. Jos. Heacock, Wyncote, Pa., will send roses, orchids and kentias. Bertermann Bros., Indianapolis; H. N. Lown, of Rhinebeck, N. Y.; W. J. &

WESTERN

ORCHIDS

Chas. W. McKellar 162 N. Wabash Avenue, CHICAGO

Headquarters

CURRENT PRICES

ORCHIDS			
Cattleyas, Trianae	Per doz.,	$ 5.00 @	$ 6.00
" "	Per 100,	30.00 @	35.00
Dendrobium Formosum, white	Per doz.,	5.00 @	6.00
Boxes assorted Orchids, $5.00 and up.			
AMERICAN BEAUTY—Specials,	Per doz.,		5.00
36-inch	"		4.00
30-inch	"		3.00
24-inch	"		2.50
20-inch	"		2.00
15 to 18-inch	"		1.50
Shorter	"	.75 @	1.00
Killarney	Per 100,	5.00 @	12.00
White Killarney	"	5.00 @	12.00
My Maryland	"	5.00 @	12.00
Richmond	"	5.00 @	12.00
Mrs. Field	"	5.00 @	12.00
ROSES, our selection	"		5.00
" extra special, select	"		15.00
CARNATIONS			
Select	Per 100,	2.00 @	3.00
Fancy	"		4.00
MISCELLANEOUS STOCK			
Gardenias	Per doz.,	3.00 @	4.00
Valley	Per 100,	3.00 @	4.00
Easter Lilies	"	12.50 @	15.00
Violets, double		.75 @	1.00
" single		.75 @	1.00
Sweet Peas		.75 @	1.00
Paper Whites		3.00 @	4.00
Romans		3.00 @	4.00
Mignonette		6.00 @	8.00
Bouvardia		6.00 @	8.00
Jonquils		3.00 @	4.00
Tulips		3.00 @	4.00
Daffodils		3.00 @	4.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 @	.60
Asparagus Plumosus	Per bunch,	.35 @	.50
Asparagus Sprengeri	"	.25 @	.50
Adiantum	Per 100,	.75 @	1.00
Farleyense	"		12.00
Smilax	Per doz.,	$1.50	
Mexican Ivy	Per 1000,	6.00 "	.75
Ferns	"	2.00 "	.25
Galax, green	Per 1000,		1.00
" bronze	"		1.50
Leucothoe	Per 100,		.75
Wild Smilax	Per case,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Subject to market changes

ORCHIDS—SPECIAL

We have an unusually large and fine supply of that splendid orchid, Cattleya Trianae. Can supply any quantity. Let us have your inquiries.

CHAS. W. McKELLAR
162 N. Wabash Avenue, CHICAGO

Mention The Review when you write.

BEAUTIES, ROSES, CARNATIONS

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Extra long	$5.00
36-inch stem	4.00
30-inch stem	3.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.25
Short stem	$0.75 @ 1.00

Perle	Per 100
Special	$10.00
Select	8.00
Medium	6.00
Short	5.00

		Per 100
Richmond	Special	$12.00
	Select	$8.00 @ 10.00
	Medium	6.00
	Short	5.00
Killarney, White Killarney, Mrs. Field, Maryland	Special	12.00
	Select	8.00 @ 10.00
	Medium	6.00
	Short	5.00
Sunrise		
	Special	10.00
	Select	8.00
	Medium	6.00
	Short	5.00

ROSES, our selection, $5.00 per 100.

CARNATIONS	Per 100
Fancy	$3.00
	4.00
Harrisii	per doz., $2.00
Sweet Peas	$1.00 @ 1.25
Paper Whites	3.00 @ 4.00
Romans	3.00 @ 4.00
Tulips	3.00 @ 4.00
Valley	3.00 @ 4.00
Violets	1.00 @ 1.25

	Per 100
Adiantum	$ 1.00 @ $ 1.50
Asparagus, sprays	2.00
" strings	60.00 @ 75.00
" Sprengeri	2.00
Smilax	per doz., $1.50 @ $2.00
Ferns	per 1000, 2.00
Mexican Ivy	.75
Galax, green or bronze	per 1000, 1.00
Leucothoe	.75
Boxwood	bunch, 25c

Subject to change without notice.

PETER REINBERG

35 E. Randolph Street, L. D. Phone Central 2846. **CHICAGO**

M. S. Vesey, of Fort Wayne, Ind., and H. Eichholz, of Waynesboro, Pa., are some of the others who have written that they will send exhibits. The final premium lists are being prepared. Write Mr. Burdett for one.

Various Notes.

The golden wedding of Mr. and Mrs. William Winterson was celebrated at 323 North Oakley boulevard, January 28, open house being kept all day, with nearly one hundred guests. At the family dinner all the eight children were present except Jack Winterson, of Tacoma, who sent a telegram of congratulation. One son is Edgar F. Winterson and another is Lewis H. Winterson, and the venerable William Winterson himself is active at Winterson's Seed Store during the busy season, so that among the many congratulations received were telegrams from H. Bayersdorfer, Philadelphia; John Cook, New Orleans; W. F. Gude, Washington, D. C., and H. E. Philpott, Winnipeg. There were many golden gifts. The city dailies have written up the couple to a total of several columns.

Peter Reinberg was the first Democrat to file an aldermanic nominating petition January 29, though he will be without competition at the primaries. Two Republicans aspire to run against him at the spring election. Mr. Reinberg is now giving practically all his time to public and political affairs, leaving his store management in the hands of Tim Matchen and the greenhouses in the hands of George Collins, who has been superintendent for many years.

HENRY M. ROBINSON & CO.,

46 West 26th Street,

New York City

Our new store is now open. We carry a large supply of Cut Flowers from the best growers. We are prepared to ship to all parts of the United States and Canada. Every order will receive our personal attention. A full line of florists' supplies and Hardy Cut Evergreens. Consignments of first-class flowers solicited. Satisfaction guaranteed.
Write, wire or telephone. Long Distance Telephones.

Installation of officers will take place at the meeting of the Florists' Club at the Union restaurant Thursday evening, February 1. There is one application for membership, Frederick W. Tredup.

A. Lange says he can make no complaint of the January business. One of the orders last week called for 156 corsage bouquets, which were made up in twenty-two different styles.

C. L. Washburn and A. T. Pyfer are pushing the meeting of the Illinois State Florists' Association to be held at Joliet, March 5 and 6. Mr. Washburn is president of the association, which Mr. Pyfer intends entertaining for one afternoon at the greenhouses of the Chicago Carnation Co.

Ed Benthey will enter the employ of Johnson & Chronis February 5.

Mrs. W. G. McDaniels died January 28. She was the sister of Mrs. F. F. Benthey.

A. L. Vaughan had a card January 29 from Frederick Sperry, who reported his arrival at Los Angeles January 24, and added the comment, "Weather like summer here."

John Mangel has recently doubled his refrigerator capacity at his Wabash avenue store, though he will move

THE Florists' Supply House of America

HEART BASKETS

FOR ST. VALENTINE'S DAY

A splendid assortment of stylish goods in all colors.

We have an exclusive novelty especially suited for St. Valentine gifts—a pretty **NEW HAT BASKET,** appropriate for blooming plants or ferns or usable with flowers. These hat baskets are made in two forms, made-up and the adjustable. Made-up Hat Baskets are ready for immediate use; a deep basket, with light handle, hat shape, suitable for medium size pots. The adjustable can be fitted to any size desired when you are ready to make it up. Both these baskets come in white, pink and lavender. We consider them a great acquisition and advise your giving them a trial, also the following:

HEART BASKETS
VIOLET CHIP HAMPERS
TWIG HAMPERS
GREEN BRAID HAMPERS
VIOLET RIBBON
CHIP HAMPERS
CORSAGE LACE HANDKERCHIEFS
CORSAGE BOUQUET HOLDERS
VIOLET CORDS AND TASSELS
GAUZE AND SILK RIBBON TASSELS
NEW SEA MOSS, JAPANESE AIR PLANTS, a large stock just received.

Let our Silent Salesman tell you about Everything in Florists' Supplies.

H. BAYERSDORFER & CO., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.

about May 1 to the store now occupied by Harry Rowe. Mr. Rowe has secured a new store across the street from his present location.

N. J. Wietor says it was the best January in the history of Wietor Bros.

Frank Johnson and Mr. LeGanger have returned from a three weeks' trip for the A. L. Randall Co., selling supplies. They went as far east as Boston and report good business everywhere.

John Mangel had an order for 150 azaleas to go to the Coliseum for the automobile show. He had some difficulty in finding that many plants that were in good flower.

Mrs. Frank Williams is attending to business again, after an illness. She manages the Atlas Floral Co. Mr. Williams, who is suffering with a nervous disorder that the doctors say calls for complete rest, has given up active connection with the Alpha Floral Co. and probably will sell his interest there.

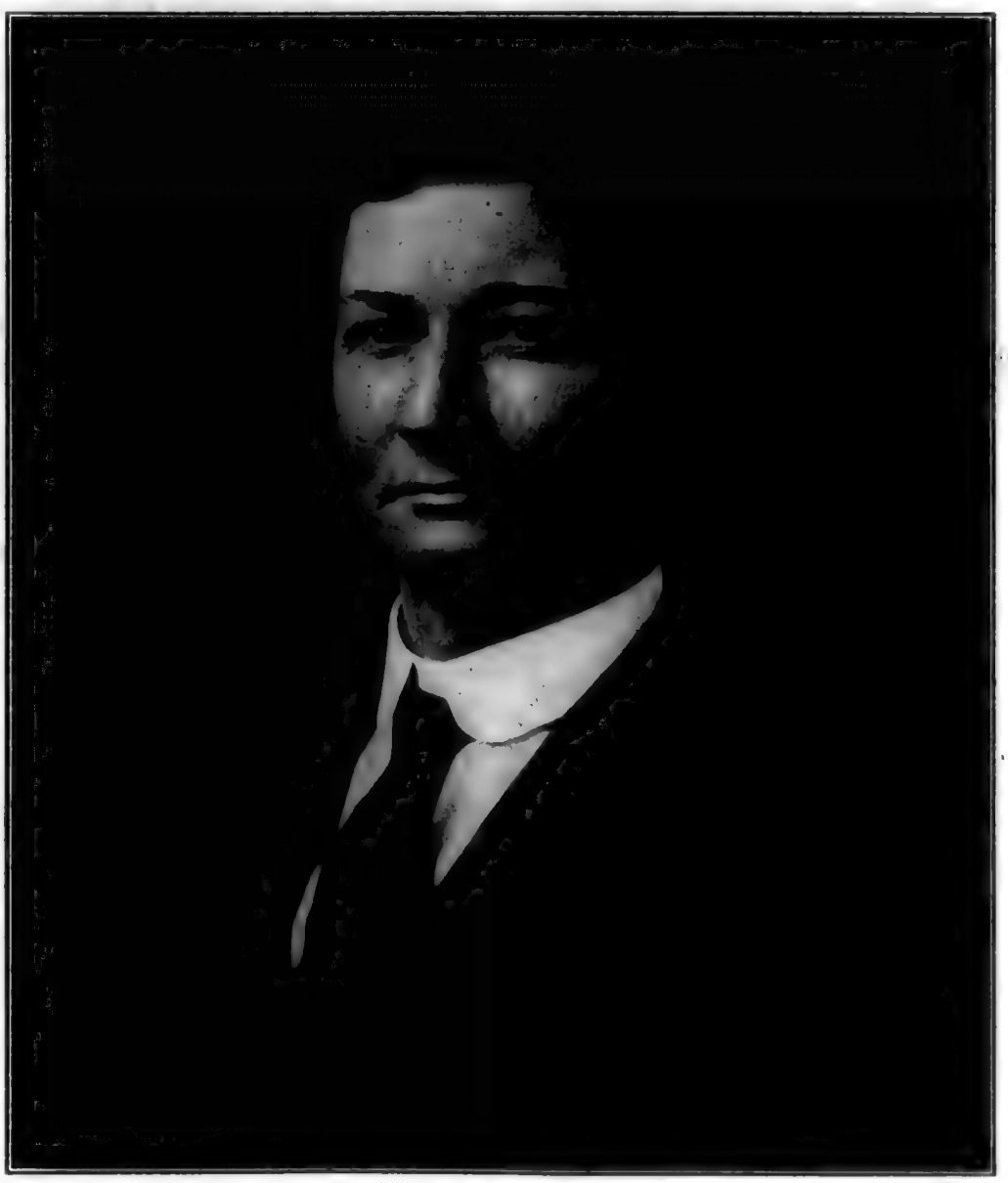
For a long time the J. A. Budlong growers have been studying some of their houses next the street; stock would do finely there in summer, but would not hold its own in winter. Phil Schupp says it has now been proven that the trouble comes from a leakage of city gas. In the summer the gas has found an outlet near the leak, but in winter it has got into the sewer into which these greenhouses drain. It took the exceptionally long and severe cold spell to prove it.

Mrs. W. E. Lynch has been ill for a number of weeks, but now is considerably improved.

A. L. Randall Co. and E. C. Amling Co., who with one other tenant occupy the building at 66 to 70 East Randolph street, recently have renewed their leases, which still had fifteen months to run, so that both houses are located for a considerable term of years.

Hans Yepsen, who started a retail store at Morris, Ill., could not make it go and now is with A. H. Schneider at Oak Park.

R. A. McPheron, of Litchfield, Ill., was in town January 27 to visit his son, J. W. McPheron, and attend the automobile show. He is in the market for a light delivery car.



We wish to announce to the trade that Mr. Thomas Pegler, one of the best known and most popular men in the business, has joined our company in the capacity of General Manager.

Orders for all varieties of cut flowers will have his personal attention.

Telegraph and telephone orders from any part of the U. S. A. or Canada given special attention.

FLOWER GROWERS' SALES CO., Inc., Boston, Mass.

Office at 1 A Park Street

Salesroom at BOSTON FLOWER EXCHANGE, Park Street, Telephone 3766 Haymarket.

Plants Sell Better



when the ugly clay pots are hidden by the attractive and artistic

EVER-READY POT COVERS

Strong cardboard foundation. Best quality waterproof crepe paper, silk fiber ribbon ties at top and bottom. Firmly held with improved metal fastenings. Furnished in four colors and many sizes. Write for samples and price list today.

EVER-READY FLOWER POT COVER CO.
146 Hughes Ave., Buffalo, N. Y.

Mention The Review when you write.

GREEN CARNATIONS

Send 25c and receive by mail a package of dye that will color 75 to 100 carnations green. Have many letters stating it is best on market. 3 packages, 60c; $2.00 per dozen. 2c stamps accepted.

LOUIS ELSASS, Chillicothe, Ohio

Mention The Review when you write.

Poehlmann Bros. Co. expects to move into its new store by the end of the week. The big ice-box is finished and already there have been many to see it.

John Kruchten says his growers have cut as many carnations to February 1 as they did last year, but that they got them early in the season and have been off in January.

John Zech says he thinks the market is in exactly the same condition as a year ago.

C. W. McKellar says the east has the largest gardenia crops on record.

Kennicott Bros. show Schram's Prosperity-like carnation, Kathleen B. W. It is said to be a good bloomer, but the flowers fade and come nearly white in spring, which is why Mr. Schram has not exploited it.

O. W. Frese reports an especially strong shipping demand from the south, New Orleans taking many boxes each day.

Henry Smith, of Grand Rapids, has been in town this week, accompanied by his builder, examining the latest greenhouse plants and getting estimates on material for a new range.

One of last week's visitors was Edward Gullett, Lincoln, Ill.

Sydney B. Wertheimer, of Wertheimer Bros., New York, called this week. He says business is good with the retailers everywhere.

FORT SMITH, ARK.

The Market.

Business was a little slack here till Tuesday, January 23, when preparations began for one of the largest funerals seen here in some time. E. B. Peirce, one of the officials of the Rock Island, who was killed in the big wreck of the Illinois Central at Kinmundy, Ill., was brought here and buried on Wednesday, this being his home. All of the florists in town were taxed to the limit and one of the biggest collections of floral offerings this city has ever seen was the result. A large amount of the pieces and bunches came with the body from Chicago, St. Louis, and several other cities, but Fort Smith had its share. The spring trade will soon open and the prospects are for a big business.

MICHELL'S PETUNIA SEED

SINGLE-FLOWERING VARIETIES

	½g Trade Pkt.	Trade Pkt.	Oz.
California Giants. Strong, robust plants, immense flowers of bright and desirable colors (1-16 oz., $2.25)	$0.30	$0.50	
Grandiflora Fringed. Each petal of these giant flowers is delicately fringed; all colors (1-16 oz., $2.00)	.30	.50	
Ruffled Giants. Enormous, flowers finely ruffled and frilled at edges	.30	.50	
Dwarf Inimitable. Of dwarf, compact habit; striped and blotched	.30	.50	$1.25
Rosy Morn. Brilliant pink with white throat	.30	.50	2.00
Enchantress. Dwarf, flowers of many shades and colors	.30	.50	2.25
Snowball. Dwarf, pure white		.30	1.50
Star. A beautiful variety; crimson maroon flowers, each having a distinct five-pointed white star	.30	.50	2.50
Choice Mixed		.25	.75

DOUBLE-FLOWERING VARIETIES

One of our specialties; seeds will produce a large percentage of double flowers.

Double Hybridized and Fringed Mixed. Superb colors and of mammoth size. Per 500 seeds, 75c; $1.50 per 1000 seeds.

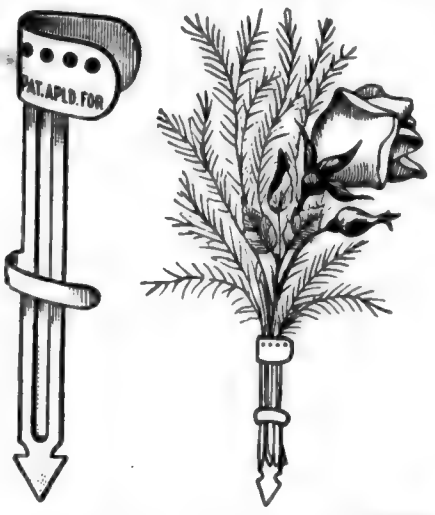
Double Fringed White. Extra large. Per ¼ trade pkt., 60c.; $1.00 per trade pkt.

MICHELL'S WHOLESALE FLORISTS' CATALOG for 1912 is brimful of good things for the grower. If you have not received it, WRITE FOR A COPY TODAY.

HENRY F. MICHELL COMPANY

518 Market Street **PHILADELPHIA, PA.**

Mention The Review when you write.



BEHRE'S IMPROVED MODEL

STEM-ER

Patent applied for.

A time-saver to the extent of lessening over 50% of the labor, together with the grace in which the leaves and flowers can be set by the firm hold the Stemmer has upon them, **making them an article of perfection.** They are now being used by leading designers.

This is what E. Woerz, of Enid, Okla., thinks of my Stemmer: "Please ship at once 5000 Stemmers; I am out and cannot get along without them. Yours truly, Eugene Woerz."

Prices: From 1000 to 5000 at 75c per 1000; 10,000 lots at 70c; 25,000 lots and over at 65c. At your dealer's or direct from the factory.

E. H. BEHRE, Madison, N. J.

Mention The Review when you write.

ARE YOU USING

PINE TREE RIBBONS?

Especially adapted for table decorations, bouquets and florists' work. Lustrous, rich-toned qualities. Samples and prices on request.

The Pine Tree Silk Mills Co.
PHILADELPHIA

Mention The Review when you write.

Various Notes.

The new downtown store of the Electric Park Greenhouses is prospering, and the manager, Geo. T. Duey, is looking for larger quarters, as the present accommodations are too limited for the increasing business.

G. W. R.

Florists' Refrigerators

Write us for catalogue and prices, stating size you require and for what **kind of cut flowers** you wish to use the refrigerator; also state whether you want it for **display** or only for **storage.**

McCray Refrigerator Co 368 Lake St. Kendallville, Ind.

THE Florists' Supply House of America

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FOR ST. VALENTINE'S DAY

A splendid assortment of stylish goods in all colors.

We have an exclusive novelty especially suited for St. Valentine gifts—a pretty **NEW HAT BASKET,** appropriate for blooming plants or ferns or usable with flowers. These hat baskets are made in two forms, made-up and the adjustable. Made-up Hat Baskets are ready for immediate use; a deep basket, with light handle, hat shape, suitable for medium size pots. The adjustable can be fitted to any size desired when you are ready to make it up. Both these baskets come in white, pink and lavender. We consider them a great acquisition and advise your giving them a trial, also the following:

HEART BASKETS
VIOLET CHIP HAMPERS
TWIG HAMPERS
GREEN BRAID HAMPERS
VIOLET RIBBON
CHIP HAMPERS
CORSAGE LACE HANDKERCHIEFS
CORSAGE BOUQUET HOLDERS
VIOLET CORDS AND TASSELS
GAUZE AND SILK RIBBON TASSELS
NEW SEA MOSS, JAPANESE AIR PLANTS, a large stock just received.

Let our Silent Salesman tell you about Everything in Florists' Supplies.

H. BAYERSDORFER & CO., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.

about May 1 to the store now occupied by Harry Rowe. Mr. Rowe has secured a new store across the street from his present location.

N. J. Wietor says it was the best January in the history of Wietor Bros.

Frank Johnson and Mr. LeGanger have returned from a three weeks' trip for the A. L. Randall Co., selling supplies. They went as far east as Boston and report good business everywhere.

John Mangel had an order for 150 azaleas to go to the Coliseum for the automobile show. He had some difficulty in finding that many plants that were in good flower.

Mrs. Frank Williams is attending to business again, after an illness. She manages the Atlas Floral Co. Mr. Williams, who is suffering with a nervous disorder that the doctors say calls for complete rest, has given up active connection with the Alpha Floral Co. and probably will sell his interest there.

For a long time the J. A. Budlong growers have been studying some of their houses next the street; stock would do finely there in summer, but would not hold its own in winter. Phil Schupp says it has now been proven that the trouble comes from a leakage of city gas. In the summer the gas has found an outlet near the leak, but in winter it has got into the sewer into which these greenhouses drain. It took the exceptionally long and severe cold spell to prove it.

Mrs. W. E. Lynch has been ill for a number of weeks, but now is considerably improved.

A. L. Randall Co. and E. C. Amling Co., who with one other tenant occupy the building at 66 to 70 East Randolph street, recently have renewed their leases, which still had fifteen months to run, so that both houses are located for a considerable term of years.

Hans Yepsen, who started a retail store at Morris, Ill., could not make it go and now is with A. H. Schneider at Oak Park.

R. A. McPheron, of Litchfield, Ill., was in town January 27 to visit his son, J. W. McPheron, and attend the automobile show. He is in the market for a light delivery car.



We wish to announce to the trade that Mr. Thomas Pegler, one of the best known and most popular men in the business, has joined our company in the capacity of General Manager.

Orders for all varieties of cut flowers will have his personal attention.

Telegraph and telephone orders from any part of the U. S. A. or Canada given special attention.

FLOWER GROWERS' SALES CO., Inc., Boston, Mass.

Office at 1 A Park Street

Salesroom at BOSTON FLOWER EXCHANGE, Park Street, Telephone 3766 Haymarket.

Plants Sell Better



when the ugly clay pots are hidden by the attractive and artistic

EVER-READY POT COVERS

Strong cardboard foundation. Best quality waterproof crepe paper, silk fiber ribbon ties at top and bottom. Firmly held with improved metal fastenings. Furnished in four colors and many sizes. Write for samples and price list today.

EVER-READY FLOWER POT COVER CO.
146 Hughes Ave., Buffalo, N. Y.

Mention The Review when you write.

GREEN CARNATIONS

Send 25c and receive by mail a package of dye that will color 75 to 100 carnations green. Have many letters stating it is best on market. 3 packages, 60c; $2.00 per dozen. 2c stamps accepted.

LOUIS ELSASS, Chillicothe, Ohio

Mention The Review when you write.

Poehlmann Bros. Co. expects to move into its new store by the end of the week. The big ice-box is finished and already there have been many to see it.

John Kruchten says his growers have cut as many carnations to February 1 as they did last year, but that they got them early in the season and have been off in January.

John Zech says he thinks the market is in exactly the same condition as a year ago.

C. W. McKellar says the east has the largest gardenia crops on record.

Kennicott Bros. show Schram's Prosperity-like carnation, Kathleen B. W. It is said to be a good bloomer, but the flowers fade and come nearly white in spring, which is why Mr. Schram has not exploited it.

O. W. Frese reports an especially strong shipping demand from the south, New Orleans taking many boxes each day.

Henry Smith, of Grand Rapids, has been in town this week, accompanied by his builder, examining the latest greenhouse plants and getting estimates on material for a new range.

One of last week's visitors was Edward Gullett, Lincoln, Ill.

Sydney B. Wertheimer, of Wertheimer Bros., New York, called this week. He says business is good with the retailers everywhere.

FORT SMITH, ARK.

The Market.

Business was a little slack here till Tuesday, January 23, when preparations began for one of the largest funerals seen here in some time. E. B. Peirce, one of the officials of the Rock Island, who was killed in the big wreck of the Illinois Central at Kinmundy, Ill., was brought here and buried on Wednesday, this being his home. All of the florists in town were taxed to the limit and one of the biggest collections of floral offerings this city has ever seen was the result. A large amount of the pieces and bunches came with the body from Chicago, St. Louis, and several other cities, but Fort Smith had its share. The spring trade will soon open and the prospects are for a big business.

MICHELL'S PETUNIA SEED

SINGLE-FLOWERING VARIETIES

	½ Trade Pkt.	Trade Pkt.	Oz.
California Giants. Strong, robust plants, immense flowers of bright and desirable colors (1-16 oz., $2.25)	$0.30	$0.50	
Grandiflora Fringed. Each petal of these giant flowers is delicately fringed; all colors (1-16 oz., $2.00)	.30	.50	
Ruffled Giants. Enormous, flowers finely ruffled and frilled at edges	.30	.50	
Dwarf Inimitable. Of dwarf, compact habit; striped and blotched	.30	.50	$1.25
Rosy Morn. Brilliant pink with white throat	.30	.50	2.00
Enchantress. Dwarf, flowers of many shades and colors	.30	.50	2.25
Snowball. Dwarf, pure white		.30	1.50
Star. A beautiful variety; crimson maroon flowers, each having a distinct five-pointed white star	.30	.50	2.50
Choice Mixed		.25	.75

DOUBLE-FLOWERING VARIETIES

One of our specialties; seeds will produce a large percentage of double flowers.

Double Hybridized and Fringed Mixed. Superb colors and of mammoth size. Per 500 seeds, 75c; $1.50 per 1000 seeds.

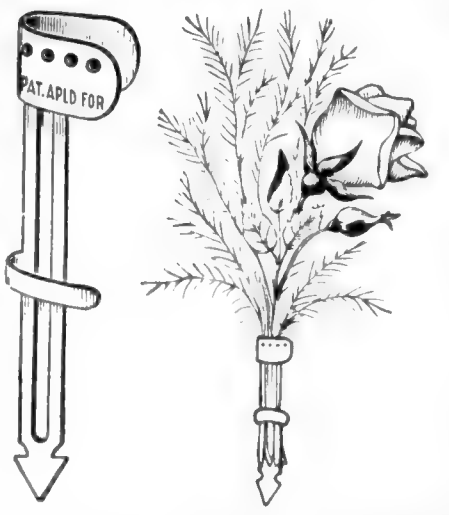
Double Fringed White. Extra large. Per ¼ trade pkt., 60c.; $1.00 per trade pkt.

MICHELL'S WHOLESALE FLORISTS' CATALOG for 1912 is brimful of good things for the grower. If you have not received it, WRITE FOR A COPY TODAY.

HENRY F. MICHELL COMPANY

518 Market Street **PHILADELPHIA, PA.**

Mention The Review when you write.



BEHRE'S IMPROVED MODEL STEM-ER

Patent applied for.

A time-saver to the extent of lessening over 50% of the labor, together with the grace in which the leaves and flowers can be set by the firm hold the Stemmer has upon them, **making them an article of perfection.** They are now being used by leading designers.

This is what E. Woerz, of Enid, Okla., thinks of my Stemmer: "Please ship at once 5000 Stemmers; I am out and cannot get along without them. Yours truly, Eugene Woerz."

Prices: From 1000 to 5000 at 75c per 1000; 10,000 lots at 70c; 25,000 lots and over at 65c. At your dealer's or direct from the factory.

E. H. BEHRE, Madison, N. J.

Mention The Review when you write

ARE YOU USING

PINE TREE RIBBONS?

Especially adapted for table decorations, bouquets and florists' work. Lustrous, rich-toned qualities. Samples and prices on request.

The Pine Tree Silk Mills Co.
PHILADELPHIA

Mention The Review when you write.

Various Notes.

The new downtown store of the Electric Park Greenhouses is prospering, and the manager, Geo. T. Duey, is looking for larger quarters, as the present accommodations are too limited for the increasing business.

G. W. R.

Florists' Refrigerators

Write us for catalogue and prices, stating size you require and for what **kind of cut flowers** you wish to use the refrigerator; also state whether you want it for **display** or only for **storage.**

McCray Refrigerator Co 368 Lake St. Kendallville, Ind.

Lilac
Tulips
Freesia
Daffodils
Sweet Peas

For St. Valentine's Day

You will find a good demand for these flowers. We will be well supplied in that line and can furnish good quality stock at moderate prices. You should be prepared for this day, when you can make extra sales.

Violets
Daisies
Pansies
Gardenias
Mignonette

ACACIA PUBESCENS, $2.50 per bunch

The choicest novelty in yellow, there is nothing to equal it. Only a limited supply this week. Orders should be placed in advance.

The Leo Niessen Co. Wholesale Florists 12th and Race Streets, PHILADELPHIA, PA.

Mention The Review when you write

PHILADELPHIA.

The Rising Eastern Market.

Roses are gradually diminishing as the crops are cut. Carnations have become more popular, deservedly so. Violets are sadly neglected; there are more violets and fewer people want them while the streets are ice-covered. The flowers that bloom in the spring are marketed at low prices.

There has been an excellent shipping and local demand for flowers during the week ending with this month. The average prices, competent judges say, are a little lower than is usual at this season. The supply of flowers is probably larger than ever before during the end of January, despite the unfavorable weather conditions. This means that the volume of business is satisfactory.

American Beauty roses are in stronger supply than this market has ever seen during midwinter. Several consignors are shipping at the rate of 1,000 specials weekly. The market takes them at excellent prices. The medium grades of Beauties are scarce, the shorts unsightly. The crops of the so-called smaller roses are diminishing. Oddly enough, this is first noticed in the shorter grades. Flowers that ordinarily bring $5 per hundred during winter are scarce. The medium and fancy grades are in better supply.

Carnations have been enjoying an encouraging period of popularity. It frequently happens that the carnation reaches the back track about McKinley day, hence the enthusiasm with which the wholesalers greeted the proposal to ally the anniversary with the divine flower. Today the severance of this alliance is of little consequence. Carnations, now in splendid form, are selling at much better average prices than a fortnight ago. There is no advance in listed quotations, but they are firmer and are marketed without shading. The pinks and whites find readier favor than the scarlets, curiously enough, when the season is considered.

The poor little violet is having a hard time just now. The pretty girl does not want the corsage sure to be frozen before she walks a block. Of course there is demand for violets for other purposes, but, unfortunately, the plants are blooming more freely just now and many of the flowers are difficult to market. Prices have fallen.

Cattleyas have been experiencing the hardships of winter. In other years pretty much everything in the way of an orchid has sold at asking prices. Things are not as they were. The enormous increase in the quantity of orchids housed last season is evidenced in the supply of flowers coming into this city today, a supply so great as to give the buyer an opportunity for comparison, resulting in the sharp grading that accompanies a fall in the market. Growers whose cattleyas were classed as first in the past have had unpleasant awakenings with regard to some or all of their stock, most trying to the temper and to the purse. There are just as many cattleyas used as ever before at this season, but this tropical flower is going through its first ordeal.

With the gardenia, practically the same is true, in a somewhat modified form. The wholesalers are having extraordinary difficulty in getting value for a sufficient number of gardenias to keep their growers steady, for the minute a flower ceases to be profitable its fate is sealed in so far as quality is concerned; skillful growers will not have anything to do with it.

The difference between flowers requiring little and great cultural skill is more sharply defined today than ever before. Bulbous flowers are extremely cheap. The difference between well grown and poorly grown bulbous flowers is decided. Nicely finished stock usually brings fair prices, but the poor stock

SPRING FLOWERS

A profusion of all the leading varieties that give excellent value in midwinter.

Daffodils, Paper Whites, Sweet Peas, Violets (single and double).

We are headquarters for the new rose

PRINCETON

which is the best bright pink rose of the season.

Richmond, just coming into crop.
White Killarney **Carnations**
Easter Lilies and all seasonable varieties of flowers and greens.

BERGER BROTHERS

Wholesale Florists

140-142 North 13th Street, PHILADELPHIA, PA.

Mention The Review when you write.

Some Splendid New Roses For 1912

DOUBLE WHITE KILLARNEY
(BUDLONG STRAIN)

As a white Rose it has no equal. In the winter time better than the single white, and as a summer rose it is far better than Kaiserin, heretofore our best summer rose; a money-maker for all who go into this grand new white rose. Grafted, per 100, $30.00; per 1000, $250.00. Own root, per 100, $25.00; per 1000, $200.00.



KILLARNEY QUEEN
(BUDLONG STRAIN)

A heavier, more vigorous grower, larger flower, about the same petalage as Pink Killarney; does not fade out in dark weather but holds its color.

Grafted.....per 100, $30.00; per 1000, $250.00
Own root.....per 100, 25.00; per 1000, 200.00

SUNBURST

A yellow that we believe will prove to be the very best of the yellows; a striking rose, brilliant in effect, good grower, and bound to be a good seller.

Grafted.....per 100, $35 00; per 1000, $300.00
Own root.....per 100, 30.00; per 1000, 250.00

	GRAFTED		OWN ROOT	
	Per 100	Per 1000	Per 100	Per 1000
Aaron Ward	$20 00	$150.00	$10 00	$ 90 00
Lady Hillingdon	25.00	200.00	20.00	150.00
Melody	no grafted stock		12.00	100.00
Mrs. Taft	15.00	120.00	7 50	60.00
Double Pink Killarney	20.00	150 00	12.00	100.00
My Maryland	15.00	120.00	10 00	90.00
Killarney	15.00	120.00	7.50	60 00
White Killarney	15.00	120.00	7.50	60.00

Write us for Descriptive Leaflet on these Novelties.

MARY COLLADAY (Pink Garza)

A beautiful pink spray Chrysanthemum, something new, unusual, nothing like it among Chrysanthemums. Well established, 2¼-inch stock. Per dozen, $4.00; per 100, $25.00.

QUALITY

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF PHILADELPHIA

PHILADELPHIA
1608-1620 Ludlow Street

NEW YORK
109 West 28th Street

WASHINGTON
1212 New York Avenue

Mention The Review when you write.

GIVE QUALITY

Daffodils, Violets, Valley, Sweet Peas, Lilac, Yellow Daisies and White; Freesia

Philadelphia Cut Flower Co., 1517 Sansom Street, Philadelphia, Pa.

OPEN UNTIL 6 P. M.

Mention The Review when you write.

is pretty hard to market at any price. Daffodils lead. Golden Spur is the best of the daffs; single trumpets, a poor second. Freesia comes next; well-grown, pure white, long-stemmed flowers sell readily at moderate prices. Poor freesia realizes little. Tulips are generally unsatisfactory. There are some good La Reine, but the bulk of the other varieties are not equal to market requirements.

Of the remaining flowers, the sweet

Ferns——Galax——Moss

HEADQUARTERS FOR SOUTHERN WILD SMILAX

$3.00, $4.00 and $5.00 per case.

New Fancy Ferns
Per 100.....20c Per 1000.....$1.75

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000..... 5.00

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000..... 7.50

Green Galax Leaves
Per 1000.....$1.00 Per 10,000..... 7.50

Boxwood
Per lb.....20c Per case of 50 lbs.....$6.50
Per case of 100 lbs.....$14.00

Mexican Ivy
Per 100.....75c Per 1000..... 6.00

Green Sheet Moss
Per bundle.....$1.00 10 bundles..... 9.00
25 bundles.....$21.00

SPECIAL PRICES ON LARGE QUANTITIES.

Imported Bronze and Green Magnolia Leaves, $2.00 per basket
Everything in Florists' Supplies

Full Line of Cut Flowers and Other Greens at All Times.

C. E. CRITCHELL, Wholesale Commission Florist, 34-36 East Third Ave., **Cincinnati, Ohio**

Mention The Review when you write.

pea is far and away the most important. Fancy sweet peas, particularly lavender, easily command $1.25 to $1.50 per hundred; fancies are few. Ordinary, short-stemmed stock is to be had in astonishing quantities, at about one-third those prices when pushed with vigor.

Easter lilies are in moderate supply. Mignonette and snapdragon are fairly good. Pansies can be obtained in limited numbers. The quantity of fancy green consumed is large.

The Growing of Ferns.

Since the incoming of the Boston fern and its sisters, it has been the custom of the growers of Christmas and Easter plants to use these varieties as catch crops, so to speak, to fill in the periods between seasons. The result was that after Christmas—in many cases, before—these ferns were crowded together in an out-of-the-way corner, where they became potbound and stunted. The natural result was that critical fern buyers found it well-nigh impossible to secure satisfactory stock during the late winter and early spring. Robert A. Craig insists that the time has now come when the nephrolepis must have the best attention in winter. To that end he has set aside a number of houses where these ferns are given the best of care and space; their condition today fully justifies his confidence—plants that may be presented in any home without apology.

Various Notes.

James M. Thoirs, of Camden, N. J., had two large ball decorations recently, one for the Royal Order of Moose, the other for the Tall Cedars of Lebanon. His chief decorator, James Walsh, is frequently seen invading the City of Brotherly Love—clear evidence of progressiveness on Mr. Thoirs' part and his own.

Henry F. Michell left January 25 for Somerville, S. C.

The ball given for Miss Widener by her parents was, florally speaking, one of the most magnificent in the history of the Bellevue-Stratford.

D. Feurstenberg and Harry Simpson

FANCY OR DAGGER FERNS

$1.00 per 1000. Write for prices on large orders.

Galax, 75c per 1000; $6.50 per case of 10,000. **New Bronze** now ready, write for prices.



Tel. Office, New Salem, Mass. L. D. Phone Connection.

MILLINGTON, MASS.

Try our **Boxwood,** it's the finest that grows; no waste; 50-lb. case, $7.50.
Laurel Festooning, the best, 4c, 5c and 6c per yard.
The finest **Laurel Wreaths** made, $3.00 per dozen.
Branch Laurel, 35c for large bundle.
Sphagnum Moss, $4.00 per bale.
Bouquet Green, 8c per lb.
Southern Smilax, $5.00 per case of 50 lbs.
Green Moss, $1.25 per bbl.
Partridge Berries, 10c per bunch of 50 sprays.

A Special Lot of GROUND PINE, only $6.00 per 100 lbs. First come, first served.

CROWL FERN CO., : Millington, Mass.

Mention The Review when you write.

GALAX-SPRAYS-FERNS-PLANTS



Fancy Dagger Ferns.....$ 1.25 per 1000
Long Green Leucothoe Sprays..... 2.50 per 1000
Short Green Leucothoe Sprays..... 1.25 per 1000
Bronze Assorted Leucothoe Sprays..... 3.50 per 1000
Bronze and Green Galax..... .60 per 1000
Beautiful Hemlock Spruce Plants,
6 to 12 inches.....$2.00 per 100; 15.00 per 1000
15 to 20 inches..... 4.00 per 100; 35.00 per 1000



Rhododendron Seedlings.....$0.20 per 100; $10.00 per 1000
6 to 8 inches.....$4.00 per 100; $35.00 per 100 12 to 15 inches..... 6.00 per 100; 50.00 per 1000

These plants will grow if properly planted. We pack so as to arrive fresh and moist. Charge extra on lots less than 100. Discount on large orders. Eighteen years in the business. Send cash with first order.

J. N. PRITCHARD, Elk Park, N. C.

Mention The Review when you write.

WHOLESALE ONLY



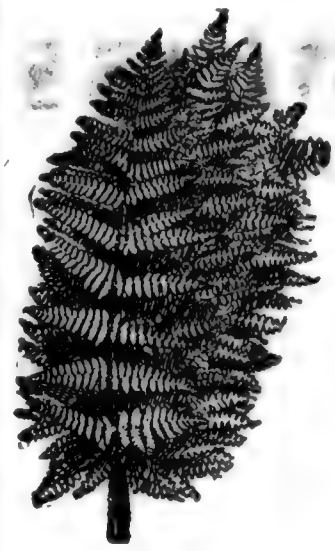
Galax, Ferns, Leucothoe



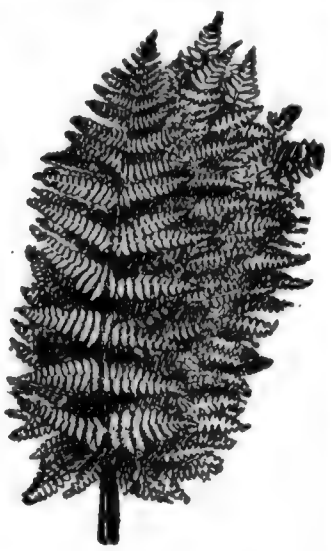
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THE NORTH CAROLINA EVERGREEN COMPANY,
Banners Elk, Pianola, Edgemont, Montezuma, Elk Park.
Address all communications to our home office, Banners Elk, N. C.

Always mention the Florists' Review when writing advertisers.



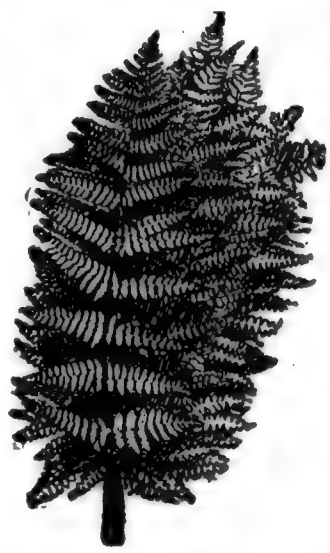
Fancy Ferns



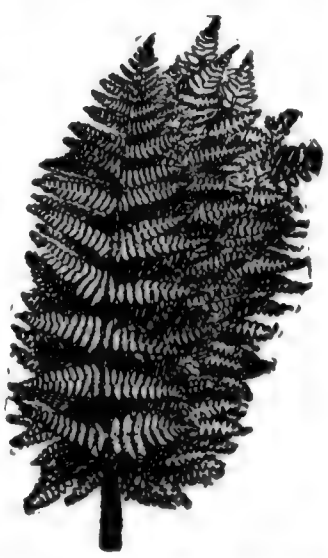
Finest stock in the country

$1.75 per 1000 Discount on large orders. **$1.75 per 1000**

Place your standing orders with us.
Full supply all the year around.



Imported green and bronze Magnolia Baskets, $2.25; 6 baskets	each,	$2.00
Galax Leaves, green and bronze	per 1000,	1.25
Green Leucothoe Sprays, extra fine	per 1000,	7.50
Boxwood	per lb., 20c; per case, 50 lbs.,	7.50
Wild Smilax	50-lb. case,	5.00
Sphagnum Moss	large bales,	2.50



Full supply Cut Flowers at all times.

Michigan Cut Flower Exchange

38-40 Broadway, Detroit, Mich.

ESTABLISHED 1895.
SMITH'S GALAX LEAVES
LEUCOTHOE SPRAYS
are Standard.

WM. C. SMITH
Marion, North Carolina

Ask for Smith's Galax and Leucothoe. Distributors in Boston, Providence, New York, Philadelphia, Baltimore, Washington, Pittsburgh, Cleveland, Detroit, Chicago, Milwaukee, St. Louis and Cincinnati.



NO ORDER TOO SMALL. Buy your Galax, Ferns, Leucothoe Sprays from the man that guarantees satisfaction or money back. Galax, bronze, nice size, good color, 40c 1000; Fancy, Dagger Ferns, 80c 1000; Ground Pine, 75c 1000; Leucothoe Sprays, green, $2.00 1000; Sheet Moss, 4c lb.—my specialty; in less than 10 months have sold one man 28,000 lbs.



BOOMER EVERGREEN CO.
SLADE GOODNOUGH, Prop. **Boomer, Tenn.**

I can now furnish you a No. 1 grade of **EVERGREENS** at following prices:



	Per 1000
Bronze Galax	$0.40
Fancy Ferns	.80
Dagger Ferns	.80
Leucothoe Sprays, green	2.00
Sheet Moss....lb.,	.04



Give me a trial order.
Cash or satisfactory reference.
J. A. MOORE, R. F. D. No. 2, **Del Rio, Tenn.**
Mention The Review when you write.

FLORISTS!

Don't forget when you remember that I sell all

Native Forest Greens, Cut Ferns, Festooning, Baled Boughs, Xmas Trees, Etc.

Write for price.

H. J. SMITH, Hinsdale, Mass.
Mention The Review when you write.



FANCY

When in Need of Extra Fine Quality CUT FANCY or DAGGER FERNS



DAGGER

—Write to—

"The Fern Men"

L. B. BRAGUE & SON {Since 1867} **HINSDALE, MASS.**

Mention The Review when you write.

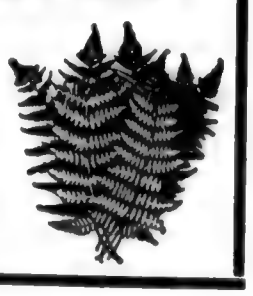
J. H. VON CANON & COMPANY



Evergreens Fresh from the Woods

Galax, Bronze, 50c per 1000; $4.00 per case of 10,000.
Green Leucothoe, regular lengths, $1.75 per 1000.
Green Leucothoe, 10 to 16-inch, $1.00 per 1000.
Bronze Leucothoe, 10 to 16-inch, $1.75 per 1000; regular lengths, $2.75 per 1000.

Cash with order.



Wire us, Elk Park, N. C. **BANNERS ELK, N. C.**

Mention The Review when you write.

Wire, Write or Phone Your Orders For

Southern Wild Smilax

Palms, Pines, Fadeless and Natural Sheet Moss, to

CHAS. S. LEE & CO., Evergreen, Ala.

We guarantee to take care of you to your entire satisfaction.

Always mention the Florists' Review when writing advertisers.

We are now shipping

Southern Wild Smilax

Natural and Perpetuated

SHEET MOSSES

E. A. BEAVEN, - EVERGREEN, ALA.

Always mention the Florists' Review when writing advertisers.

have been visiting the large establishments at Auburn, Cromwell and Natick.

Henry A. Dreer has put a new 5-ton motor car on the road between Riverton and Philadelphia.

Alexander B. Scott is at Pinehurst, N. C.

January 29 was the heaviest mail order day in the history of the seed house of Walter P. Stokes. It seems early for seed orders, but they are coming in rapidly.

M. Rice, who has been indisposed, is recovering; his friends and associates are looking forward to seeing him back at his office the first bright day.

The Henry F. Michell Co. will put on two motor delivery cars February 1, an Autocar and a Columbia.

Warren S. Engard expects to open a flower store in Mount Airy in a few days.

Advices from J. D. Eisele at Plymouth and in London report his movements to his friends here. He is much interested in English matters horticultural.

The Foley Manufacturing Co., of Chicago, has made its eastern headquarters in the West End Trust building, with D. T. Connor there to give his advice regarding greenhouse building.

The business of the Whilldin Pottery Co. is so brisk that improvements are necessary from time to time to meet the increased demand.

H. Bayersdorfer & Co. are busy with St. Valentine's day orders. Mr. Bayersdorfer is daily accomplishing an enormous quantity of work. Mr. Berkowitz is out of town.

John Burton and Mrs. Burton celebrated the thirty-sixth anniversary of their wedding last week.

The Robert Craig Co. has received the first of four cars of glass intended for additions at Norwood.

M. Rice & Co. are hustling some belated Valentine's specialties through the custom-house with dispatch.

Stephen Mortensen, of Southampton, Pa., has purchased a carload of glass, in case of need. Phil.

The next meeting of the Florists' Club will be held Tuesday evening, February 6, at Horticultural hall. At this meeting we are desirous of having an exhibition of cut flowers of new roses and carnations; also exhibits of cut flowers of well-grown roses and carnations of varieties now in commerce. If any members of the trade desire to send exhibits, and cannot attend the meeting in person, if they will send their exhibits to the undersigned, at Horticultural hall, they will be properly staged and taken care of. President Vincent, of the S. A. F., is expected to be present at this meeting.

David Rust, Sec'y.

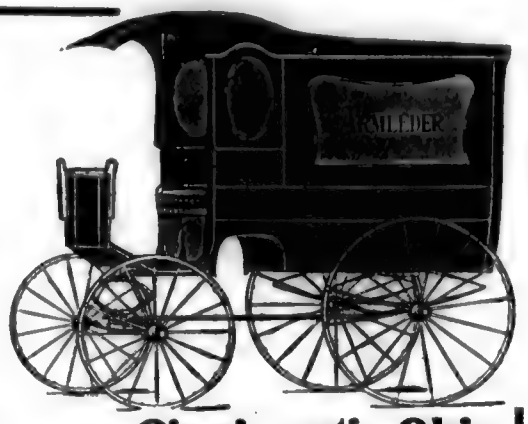
DEAL BEACH, N. J.

The Elberon Horticultural Society held its annual banquet one evening last week at Deal Inn, with an attendance of more than seventy-five of the gardening fraternity, both professional and amateur, who had taken so keen an interest in the affairs of the society. The table was arranged in the form of a large T, with a vase of C. H. Totty's Carnation Wodenethe in the center and potted plants and cut flowers at intervals garlanded together with smilax. When the cigars had been reached President James Kennedy introduced Arthur Herrington as

NO WORRY

about repairs or breakdowns if you own an **Armleder** Wagon.

It's built right in the beginning and it wears like iron. You need our catalogue. It's free, but you'll have to ask for it.



THE O. ARMLEDER CO., Cincinnati, Ohio

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$3.00 per 100 and up

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and our Special Assortments. Largest dealers in Goldfish and Aquarium Supplies in the United States. Sea Moss, Japanese Fish.

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SPLIT CARNATIONS

Quickly, easily and cheaply mended. No tools required.

Pillsbury Carnation Staple
Patented 1908.
2000 for $1.00 postpaid.

I. L. PILLSBURY
GALESBURG, ILL.

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Ask for one of our
SPECIAL ASSORTMENTS
from $10.00 up. Just what you need to increase your cut flower and plant trade. Write today.

RAEDLEIN BASKET CO.
717 Milwaukee Avenue, CHICAGO
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BRONZE GALAX 75 CASES

new crop, on hand, all A-No. 1 quality, size medium. To move them quickly, will make the price $2.50 per case of 10,000. F. O. B. Mt. Airy, N. C. Cash with order. Established 1900.

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R. F. D. No. 1, ROUND PEAK, N. C.
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Wild Smilax and Leucothoe Fully Guaranteed
LOUISVILLE FLORAL CO., Louisville, Ala.
Telegraph Office, Abbeville, Ala.
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NOTICE

To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the continent of Europe: Your best means of doing this is to take in the

Horticultural Advertiser

Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade.

A. & C. Pearson, Lowdham, Nottingham, Eng.

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1886 1912



GEORGE W. CALDWELL, The Woodsman
The man who gave you the Wild Smilax

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Large cases.....$2.50
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Wire your orders. We ship same day.

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Everything in Southern Evergreens
EVERGREEN, ALA.
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No loss if you mend your split carnations with Superior Carnation Staples

50c per 1000 post paid



BEFORE AFTER

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Mention The Review when you write.

BUY YOUR FLORISTS' SUPPLIES FROM

L. BAUMANN & CO.
357-359 W. Chicago Ave., CHICAGO, ILL.

We have the largest and most complete stock, Sea Moss, or Japanese Air Plant; Natural prepared Ferns, Cycas Leaves, Magnolia Leaves, Cycas Wreaths, Magnolia Wreaths, Moss Wreaths. Metallic Designs and a big line of Novelties.

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WIRED TOOTHPICKS

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000.....$1.75 50,000.....$7.50

Sample Free. For sale by dealers.

toastmaster. The first speaker was H. E. Deneger, who was the active man behind the flower show given by the society at Asbury Park last fall, and who extended the society an invitation from James A. Bradley to make use of his beach auditorium for a summer show. C. H. Totty followed and told the gardeners of the plans for the National Flower Show of 1913. Other speakers included Mayor Bennet, Rev. Father Norris, John Kennedy, president of the Monmouth Horticultural Society; C. M. Logan, president of the National Association of Gardeners; Benjamin Wyckoff, secretary of the Elberon Society; C. W. Moore, of Philadelphia; Editor Sweeney, Dr. Whitmore, George Kettle and others.

The officers of the Elberon society are: James Kennedy, president; D. C. Kelly, vice-president; Anthony Bauer, treasurer; Benjamin Wyckoff, secretary; George Masson, assistant secretary. The dinner committee was composed of Anthony Bauer, chairman; August Grieb, Charles O. Duncan, Edward O'Rourke and Benjamin Wyckoff.

CLEVELAND.

The Market.

Carnations and roses have never been so scarce and hard to obtain for the last two years as during this week, and roses are bringing holiday prices for the few that are obtainable. This scarcity will continue for at least ten days longer. All other flowers are fairly abundant, especially spring flowers, and these, being much more reasonable, are largely used for funeral work. Daffodils, tulips and violets are especially good just now.

Various Notes.

J. W. Wilson has sold his business and organized a stock company under the laws of the state of Ohio, to be known as the Wilson Florist Co. The capital stock is $30,000, all subscribed for. The charter covers growing flowers, plants and vegetables and selling real estate. J. W. Wilson, president and treasurer of the company, will devote a little more of his time to the real estate end of the business, in which he has had considerable success. A. B. Wilson will be in charge of the greenhouses, and J. H. Bowyer, formerly with J. W. Wilson for eight years, will be back shortly and have charge of the fern houses. The officers of the company are: J. W. Wilson, president and treasurer; C. A. Wilson, first vice-president; R. A. Wilson, second vice-president; J. H. Bowyer, third vice-president; A. B. Wilson, secretary.

Vegetable Forcing.

WORMS IN LETTUCE BED.

Please let me know about the eelworms sometimes mentioned in The Review. Are they the common fishing worm, and when they get numerous do they injure lettuce? G. R.

Eelworms are tiny worms that eat into and crawl inside the roots, causing little, white, bead-like lumps on the roots. When numerous they make a crop unprofitable. The common fishworms or angleworms do not injure lettuce, except by causing a sour, sticky condition of the soil, which puts it in bad shape if the worms are too numerous.

A good dusting of air-slaked lime on the soil will make it unpleasant for them. Or, if the soil is dry enough to water, you could water with a dose of lime water made by taking a peck of lime and slaking it in a little water as for whitewash, and then dumping it in a 60-gallon barrel of water. Stir it well occasionally; then let it settle to the bottom and pour the water on the beds. This will "chase" the worms and not hurt the roots. H. G.

RADISHES ARE PITHY.

Please tell me what causes radishes to grow pithy while they are yet small. The variety is French Breakfast. R. C. H.

Keeping radishes too dry or too warm, or both, will cause them to get pithy early in their growth. I think that more water is probably what is needed. Do not wet the foliage; water between the rows as much as possible. H. G.


Brown Beauty

Livingston's Superb Onions

mature early, yield heavily and keep well. An ideal soil and climate give them true color, correct shape and good size. Many years of critical selection have firmly fixed all these desirable traits in our strains. One of our customers, while ordering 250 lbs. of **Ohio Yellow Globe** Onion seeds, writes on Dec. 14, 1911, as follows: "It may interest you to know that among over 10,000 bu. of onions raised from your seeds we had absolutely no white onions."

Special Onions for Sets

Livingston's Brown Beauty. Grows the hardest, smoothest, roundest, best-keeping sets of any onion on the market. Forms medium flat bulbs (see illustration) 2½ in. in diameter, is solid, has brown skin and white flesh. Keeps until late spring. Oz., 15c; ¼ lb., 40c; lb., $1.50; 10 lbs., $12.50; 100 lbs., $100.00.

White Silverskin. The well-known white, flat onion. Sets are round, solid and keep splendidly. Oz., 15c; ¼ lb., 40c; lb., $1.50; 10 lbs., $12.50; 100 lbs., $100.00.

Onion Booklet, Wholesale and Retail Catalogue, FREE

They fully describe and illustrate our splendid strains. Quality considered, our prices are moderate. A careful study of booklet and catalogues will help you to a clear understanding of quality in "True Blue" Seeds. Copies free on request.

The Livingston Seed Co., Desk R, **Columbus, O.**

Mention The Review when you write.

Stokes' Bonny Best Early Tomato

Buy This Seed of the Originator, and Get it Right.

It is the finest tomato for forcing inside or for outdoor planting known to the trade. Price Introducer's Seed: Pkt., 10c; oz., 40c; ¼ lb., $1.00; lb., $3.75. Crown Set Seed for greenhouse use. Pkt., 20c; ½ oz., 75c; oz., $1.25. **"Stokes' Standard" Globe Tomato.** A new and wonderful strain of Globe Tomato. Seed saved from specimen fruits from line bred plants. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.50.

STOKES' BIG BOSTON LETTUCE — A superior strain. Oz., 15c; ¼ lb., 35c; Lb., $1.25.

STOKES' GRAND RAPIDS LETTUCE — A superior strain. Oz., 15c; ¼ lb., 35c; Lb., $1.25.

Send for Seed Catalogue and Market Gardeners' Wholesale Lists.

WALTER P. STOKES, Seedsman. Philadelphia, Pa.

Mention The Review when you write.

BEST FRENCH SEED.

Radish, Scarlet Globe; Self-Blanching Celery; Lettuce, Improved Big Boston (quality extra), Black Seed Big Boston, Beaulieu's Forcing, 45 head fill up a barrel; Beaulieu's Globe White Tipped Forcing (½ pink, ½ white) new radish; White Tipped Scarlet turnip; Beet, Detroit, Crosby; long smooth parsley, large rooted, extra; Spinach, Savoy, Viroflay, Triumph, etc.; Endive, Curled and Escarolle. All this has been selected by myself and is the quality as used by the market gardeners of Paris. Send for prices.

BEAULIEU.

Woodhaven, Borough of Queens, New York.

Mention The Review when you write.

Special to the Trade

We make a specialty of growing all kinds of Vegetable Plants for the Seed and Plant Trade, including the best varieties of Forcing Tomatoes, Asparagus, Cauliflower, Egg Plants, Peppers, Parsley, Lettuce, Cabbage, etc. Special prices made on large orders for spring delivery. Let us know your wants.

We have a fine lot of Tomato Plants, transplanted and potted: Comet, Lorillard, Bonny Best, Sutton's A-1, Sutton's Abundance and Winter Beauty, also Extra Early Erfurt and Snowball Cauliflower.

Cash required with orders from unknown correspondents

Fox-Hall Farm, R. F. D. No. 2, **Norfolk, Va.**

Mention The Review when you write.

New Stone Tomato Seed

Write for Prices

Will exchange for Crimson Clover Seed or anything I can use.

W. Z. Purnell, Snow Hill, Md.

Mention The Review when you write.



Watch for our Trade Mark stamped on every brick of Lambert's

Pure Culture Mushroom Spawn

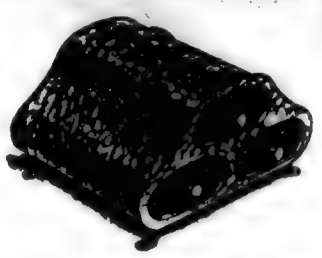
Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

P. C. Trade Mark. **American Spawn Co., St. Paul, Minn.**

Mention The Review when you write.

INSURANCE OF YOUR PLANTS FROM FREEZING in cold weather may be obtained at trifling cost if you will use a

Lehman Wagon Heater



There is no danger of fire; no smoke, dirt or gases to injure the plants. They burn **Lehman Coal,** which costs less than half a cent per hour. ☞ **400,000 Lehman Heaters** are in use, which clearly shows they have merit. Florists everywhere use and recommend them **Have you one? Beware of imitations!** Write for circular telling more about them.

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Manufacturers,
10 Bond St., NEW YORK

J. W. ERRINGER,
General Western Sales Agent,
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Mention The Review when you write

Studebaker

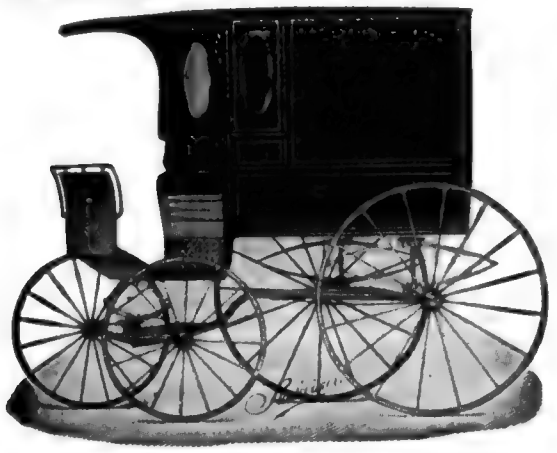
DELIVERY WAGONS

Can Be Bought for Only a Little More Than It Will Cost You to Have Your Old Wagon Repaired.

WILL YOU LET US PROVE IT?

THE
STUDEBAKER
CORPORATION
SOUTH BEND, IND.

Advr. No. 1516.



Always mention the Florists' Review when writing advertisers.

Crawfordsville, Ind.—Arthur S. Pett has opened a downtown store and greenhouse at the corner of Main and Walnut streets. About a year ago he leased the Vant Leven gardens, on the Waynetown road, and embarked in business for himself. Last fall he decided to have a modern salesroom and greenhouse downtown, so he purchased a lot and began the construction of the buildings which have just been completed.

Want and For Sale Department

☞ Advertisements under this head **10 cents per line,** cash with order from all who do not do other advertising. In sending remittance count seven words to the line.

Display advertisements in this department **$1.30** for one inch space.

When answers are to be sent in our care, add 10 cents for forwarding.

Plant advertisements not admitted under this head.

SITUATION WANTED—Florist, good ability and experience, in first-class store. Address No. 71, care Florists' Review, Chicago.

SITUATION WANTED—On a private place by a man of long experience; references; married. Address No. 88, care Florists' Review, Chicago.

SITUATION WANTED—By designer, decorator and good all-round storeman; best of references. Address No. 89, care Florists' Review, Chicago.

SITUATION WANTED—As working foreman, private or commercial; up-to-date grower of first-class florist stock; good references. J. Hodge, 891 Market, Meadville, Pa.

SITUATION WANTED—By competent rose grower; single, 31 years old; can furnish references; state wages and particulars. Address No. 72, care Florists' Review, Chicago.

SITUATION WANTED—By all-round greenhouse man to take charge of boilers, make all repairs; also steam and electric work; married. Address No. 84, care Florists' Review Chicago.

SITUATION WANTED—By gardener, private place preferred; 12 years' experience under glass and outside in Great Britain, 9 months commercial in U. S.; understands all branches of gardening; married, no family; sober; best references. Address No. 90, care Florists' Review, Chicago.

SITUATION WANTED—An experienced German gardener, 26, 2 years in this country, wants a steady place by February 15; thoroughly versed in growing carnations, cyclamen, mums, pot plants, forcing and outdoor work; please state wages. Fritz Junge, 219 Washington St., Marquette, Mich.

SITUATION WANTED—By gardener, German, single, age 36, on private estate; thoroughly experienced in greenhouses, plants, cut flowers, forcing of fruits and vegetables, kitchen and herbaceous gardens, care of grounds; state full particulars. Henry Bauer, 601 Randolph St., Meadville, Pa.

SITUATION WANTED—By German poultry and squab raiser, thoroughly understands artificial rearing of poultry; also experienced in every line of gardening, greenhouse work, farming; capable of taking charge of private estate; disengaged after February 15; free from bad habits, single, age 29; A1 references. Address Wm. F. Schaele, care Chas. Pick, Citronelle, Ala.

SITUATION WANTED—A landscape gardener and grower of cyclamen, Lorraine begonias, ferns, palms, etc., cut flowers, forcing and outdoor vegetables, good general propagator, and nurseryman is open for engagement, as grower, general working foreman or assistant landscape architect; can draw plans and lay out grounds; not afraid of work and can produce results; German, age 29, single, life experience; state full particulars in first letter. Address M. L., 6510 Delmar, St. Louis, Mo.

SITUATION WANTED—By competent grower of potted plants, roses, mums, carnations; first-class references as to ability, sobriety, etc. Address No. 68, care Florists' Review, Chicago.

SITUATION WANTED—By competent lady florist, 26, in modern store, where a good live business is done; eight years' experience; good references. Address No. 81, care Florists' Review, Chicago.

SITUATION WANTED—As a gardener on private place; have 7 years' experience in parks and cemeteries; age 24; sober, single, best of references. Address No. 82, care Florists' Review, Chicago.

SITUATION WANTED—Florist, 25 years' experience, grower of roses, carnations, mums, bulbs, plants; designer, decorator; good wages; best references. Florist, 275 Magnolia St., Detroit, Mich.

SITUATION WANTED—By a young helper, 19 years of age, with about 1 year's experience; prefer a bigger commercial place, for gaining experience in mixed stock. Address No. 87, care Florists' Review, Chicago.

SITUATION WANTED—By good gardener and florist, who understands all-round greenhouse work and landscape gardening; good grower of fruit and vegetables. Florist, 1644 Belmont Ave., Chicago.

SITUATION WANTED—By life experienced florist; single, 27 years old; know all about growing roses, mums, general plants, pot plants and making up designs; can furnish reference. Andrew Dygard, Nevada, Mo.

SITUATION WANTED—By young man with several years' experience in growing roses, carnations, mums and general greenhouse work; also good in propagating; state wages. Address No. 75, care Florists' Review, Chicago.

SITUATION WANTED—Young man, age 23, with considerable experience desires employment as assistant florist and gardener; best of references. Address No. 69, care Florists' Review, Chicago.

SITUATION WANTED—By sober young man, 26, experienced in roses, carnations, general line of cut flowers and plants; can take charge of section; northwest preferred; state wages. Address No. 70, care Florists' Review, Chicago.

SITUATION WANTED—By practical all-round grower of cut flowers and bedding plants for retail trade; sober, honest, willing worker; can come at once. Address No. 74, care Florists' Review, Chicago.

SITUATION WANTED—As working foreman; competent grower of roses, carnations, mums and general all-round stock; German, single, age 36; life experience; A-1 reference. Address J. L., 909 Jessamine St., St. Paul, Minn.

SITUATION WANTED—By young married German, good grower of roses, carnations, mums and general stock; sober and industrious; able to take full charge. Address No. 54, care Florists' Review, Chicago.

SITUATION WANTED—On a medium-sized retail or private place within 75 miles of Pittsburgh; life experience in cut flowers and a first-class grower of cyclamen, bedding plants; design work and vegetables; German, middle age. Address No. 83, care Florists' Review, Chicago.

HELP WANTED—Bright, wide-awake young man, with several years' experience, for retail seed department; reply in own handwriting, giving references and full information regarding previous experience, also stating salary expected. Currie Bros. Co., Milwaukee, Wis.

HELP WANTED—A thorough, competent working gardener to take charge of private greenhouse and outside work on suburban place in Grand Rapids, Michigan; married man preferred; give experience, nationality and age; first-class references required. Address No. 79, care Florists' Review, Chicago.

HELP WANTED—Working superintendent for city park; salary $100.00 per month; steady work; must be sober, honest, industrious and strictly up-to-date on landscape gardening and horticulture; must give the best of references; good position to right party; amateurs need not reply. For information address J. S. Thorn, Sheridan, Wyoming.

HELP WANTED—Will have an opening about March 15th for a good all-round greenhouse man, especially good on mums and bedding plants, one that can help in a store if required; no drinker; state wages wanted with board and room, where last employed and how long; steady job to the right man; near Chicago. Address No. 77, care Florists' Review, Chicago.

HELP WANTED—For one of the best commercial places located in central states, an ambitious working foreman to take charge of rose department; must be fully competent for position and able to produce the goods; right man has every opportunity for advancement; permanent place with good wages; an excellent chance for right party. Address No. 43, care Florists' Review. Chicago.

HELP WANTED—A thorough and reliable grower, who can produce quality and quantity; must be competent in roses, carnations, mums, bulbous stock and in general greenhouse stock and management; must be sober and a hustler; will give position as working foreman to the right man; single man preferred; everything new and modern; room with salary; send references; state lowest wages wanted, with increase, if satisfactory. Freeport Floral Co., Freeport, Ill.

HELP WANTED—Experienced rose grower to take charge; good position. Address No. 91, care Florists' Review, Chicago.

HELP WANTED—Experienced carnation grower to work under foreman; wages $12.00 per week. Warrick Bros., Washington, Pa.

HELP WANTED—Experienced working foreman to grow roses, carnations, mums; must be sober and industrious. J. E. Carey, 22 Macomb St., Mt. Clemens, Mich.

HELP WANTED—At once, experienced packer for cut flowers, rooted cuttings and pot goods; wages $12.00 per week. W. E. Trimble Greenhouse Co., Princeton, Ill.

HELP WANTED—Good all-around greenhouse man in middle Ohio, good designer; must furnish references; state wages expected. Address United States Cut Flower Co., Elmira, N. Y.

HELP WANTED—A good reliable man for store, who has had experience in growing pot plants for Easter and Christmas trade. Address Rawson The Florist, Elmira, N. Y.

HELP WANTED—A good all-round man, one who thoroughly understands growing and watering; married man preferred; position is in an eastern city; references. Address No. 56, care Florists' Review, Chicago.

HELP WANTED—Young, single, experienced assistant gardener for a private place near Chicago; must be sober, willing worker and a non-smoker; fine place for the right man. Address No. 65, care Florists' Review, Chicago.

HELP WANTED—Foreman for our nursery; we want a No. 1 man; a man that can pack, propagate, plant, grow and handle men; good wages for a good man. The Newburys, Mitchell, S. D.

HELP WANTED—First-class grower, also a designer, on salary, to invest $1,000 to $3,000 each; finest new paying proposition in the southwest; references exchanged. Address No. 66, care Florists' Review, Chicago.

HELP WANTED—Young man who has had 2 or 3 years' experience on commercial place where pot plant growing is a specialty; give references and state age and wages wanted. Miller Floral Co., Farmington, Utah.

HELP WANTED—At once; good, reliable young man for retail place; must be a good grower, of good character and habits and a hustler; give references and state wages wanted in first letter. Address No. 80, care Florists' Review, Chicago.

HELP WANTED—A first-class rose grower for section; must be up-to-date, married, American, strictly temperate; good, steady place for man meeting these requirements; full particulars in first letter; also how long employed on last place. C. H. Frey, Lincoln, Neb.

HELP WANTED—Working foreman for nursery and landscape work; must be able to handle first-class city work and take charge of men; only man with nursery experience need apply; reference required; single man preferred. Address Hillside Hardy Flower Gardens, Turtle Creek, Pa.

PARTNER WANTED—Capable grower and reliable manager; must be responsible and be able to handle half interest in an established florist business; the only greenhouses in a city of 15,000 inhabitants. C. E. Franke, Oklahoma City, Okla.

FOR RENT—Greenhouse; stock for sale. 11816 S. Michigan Ave., Chicago, Ill.

FOR SALE—Second-hand pipe; a fine lot of 2-inch pipe, guaranteed sound; write us for prices. Baur Gas Co., Eaton, Indiana.

FOR SALE OR EXCHANGE—For other property, greenhouse property; third town in Illinois; equity $7000, mortgage $2000; reason for sale, owner not a florist. Apply D, 177 N. State St., Room 311, Chicago.

FOR SALE OR LEASE—Greenhouses and residence, 2 acres of ground, 5000 ft. of glass; independent water system; hot water heat; southwest center of Illinois; a bargain; terms reasonable. Address No. 86, care Florists' Review, Chicago.

FOR SALE—4500 ft. of glass and residence, in town of 5000; no competition within 75 miles; 22 agents; $4500 last year; could use 12,000 ft.; health demands lower altitude; would trade; climate same as Denver, Colo. Address No. 64, care Florists' Review, Chicago.

FOR SALE—A fully stocked and equipped growing establishment in a city of 25,000 in central Ohio; 15 houses, 12 built in 1906; if you want a good paying range of houses reasonable, it will pay you to investigate. Address No. 44, care Florists' Review, Chicago.

FOR SALE—A good live business and stock in an up-to-date, lively factory town of 6000; will lease modern residence, greenhouses and land for a term of years; only those who mean business need to reply; southern Michigan. Address No. 76, care Florists' Review, Chicago.

FOR SALE—The long established florist business of John E. Haines, Bethlehem, Pa., recently deceased; 24,000 feet of glass; the business is now successfully and profitably conducted by his executor, but must be sold to carry out the provisions of his will. L. F. Leibfried, Executor, Estate of John E. Haines, dec., Bethlehem, Pa.

FOR SALE—My Seedling Transplanter; with it you can set in 5000 plants per day; send for circular. Albert A. Sawyer, Forest Park, Ill.

FOR SALE—Seven thousand feet of glass, well stocked; good dwelling; my price is right if you mean business. Mrs. May Bradley, Elwood, Indiana.

FOR SALE—A white enamel florist's ice box, 6 feet high, 6 feet wide, 2½ feet deep, equal to new, our make; $75.00 f. o. b. St. Louis. Address The Brecht Co., St. Louis, Mo.

FOR SALE—Kroeschell boiler and 1,500 feet 4-inch C. I. pipe, in good condition; it will pay you to investigate. Wm. E. F. Weber, Sault Ste. Marie, Mich.

FOR SALE—A leading and well established retail florist store in Philadelphia; excellent opportunity; good reasons for selling; price reasonable. Address No. 86, care Florists' Review, Chicago.

FOR SALE—Well established mushroom business; two large mushroom houses, practically new; hot water heat; two acres of ground; an excellent opportunity. If interested call or write. A. H. Tyson, Lansdale, Pa.

FOR SALE—Greenhouse plant, 4000 feet of glass, seven-room dwelling, shop 15x30, two acres of land, three chicken houses; connected by trolley with four cities; reason for selling, poor health. W. H. Shumway, Berlin, Conn.

FOR SALE—First-class greenhouse business in live town in central Indiana; modern dwelling, fine stock of plants and extra fine cut flower trade. Address No. 62, care Florists' Review, Chicago.

FOR SALE—Two Furman sectional hot water boilers, Nos. 307 and 4008-A; eight Hitchings ventilating machines, complete, suitable for small houses; cheap for cash. Haentze Co., Fond du Lac, Wis.

FOR SALE—Modern well piped greenhouses, about 4000 feet of glass; would sell at a bargain; store in town with well established trade; selling on account of health; or would take a working partner with $1,500; greenhouse situated in good location on town route. A. R. Salmon, Kalispell, Mont.

Here's a Chance

15,000 square feet of modern glass for sale, built four years, two acres of land. Fastest-growing town in eastern Pennsylvania. Stocked with carnations and sweet peas. Sell 50,000 vegetable plants in spring. Within 18 miles of five large cities. Will sell cheap.

Address No. 68, care Florists' Review, Chicago

For Sale

A good wholesale florists' establishment of about 35,000 sq. ft. of glass, 30 acres of good ground and excellent house of 10 rooms; also good outbuildings; vicinity of Pittsburgh, Pa.; price and terms reasonable. For further particulars, address

No. 48, care Florists' Review, Chicago

For Sale or Lease

A florist's establishment in St. Louis, all in good running order; four greenhouses, and stocked up with bedding plants of all kinds; also carnation plants to cut from; a good chance for a grower. Apply to

GEO. H. ANGERMUELLER,
1324 Pine Street, ST. LOUIS, MO.

FOR SALE

Two Burnham Hot Water Boilers

One No. 636, 6-section Burnham, listed at $740.00, will sell for $200.00. One No. 639, 9-section Burnham, listed at $1045.00, will sell for $350.00. Have been used only one year—just as good as new. This is a snap.

Hoskins Floral Co., Bismarck, N. Dak.

FOR SALE-A BARGAIN

¶On account of loss by fire of our shipping shed and stock, we will sell at a bargain our greenhouse property, consisting of eight houses 25x100 feet, piped for hot water; new boilers, house, barn, two corn cribs and five acres of land.

¶Additional land can be secured if desired. **Liberal terms.**

Mosbaek Greenhouse Co., Onarga, Ill.

Experienced Industrious Horticulturist

Age 33, married, would travel for leading firm with established trade, plants, seeds, bulbs, etc. Will pay own expenses with solid, responsible firm. Address No. 85, care Florists' Review, Chicago.

Cash for Your Property or Business. I bring **buyer** and **seller** together, no matter where located. If you want to buy or sell, address **FRANK P. CLEVELAND, 2780 Adams Express Building, Chicago, Ill.**

Situation Wanted

By a florist with lifetime experience in cut flowers and plants; well able to take charge. Private or commercial.

Address No. 78, care Florists' Review, Chicago

First-class Orchid Grower

who understands all-round greenhouse work, wants steady position. Address

FLORIST
1644 Belmont Avenue, CHICAGO

SEEDSMAN

One to put up orders and wait on counter trade in a New York city seed house. State reference and salary expected. Address No. **40**, care Florists' Review, Chicago.

WANTED

A capable, honest, industrious business man, 33 years, four languages, would go in partnership with florist (store) or wholesale commission house, or would buy moderate-priced, well-frequented store. New York or vicinity preferred, but not strictly necessary.

Address No. 73, care Florists' Review, Chicago

Wanted

A LANDSCAPE ARCHITECT

Capable of making plans, and a fair knowledge of nursery business. Must be a good correspondent. Apply with references.

L. L. MAY & CO., St. Paul, Minn.

WANTED

Man wanted to manage florists' establishment in a West Virginia city of forty thousand inhabitants.

J. W. Dudley & Sons, Parkersburg, W. Va.

Gardeners

If you wish to send us your address, with statement of experience, etc., we will place same on file. We do this for the benefit of our clients who wish gardeners.

PETERSON NURSERY
1032, 30 N. La Salle St., CHICAGO, ILL.

HELP WANTED

Rose and Carnation Grower—Must be first-class man, strictly sober, American or German-American preferred.

Grower of Pot Plants and Bedding Stock—Must understand growing and handling all kinds of bedding and blooming plants. First-class man only need apply. Married man with small family preferred. Men applying for above positions will please give age, salary expected and full particulars, in first letter.

The H. Weber & Sons Co., Oakland, Md

PARK COMMISSIONER

For TORONTO, ONTARIO

Applications for the above named vacant position will be received by the undersigned. Applications should be accompanied with full particulars as to applicants' ability and experience, with testimonials, etc.

G. R. GEARY (Mayor)
Chairman Board of Control

CITY HALL, TORONTO, Jan. 17, 1912.

INSURANCE OF YOUR PLANTS FROM FREEZING in cold weather may be obtained at trifling cost if you will use a

Lehman Wagon Heater



There is no danger of fire; no smoke, dirt or gases to injure the plants. They burn **Lehman Coal,** which costs less than half a cent per hour. **400,000 Lehman Heaters** are in use, which clearly shows they have merit. Florists everywhere use and recommend them **Have you one? Beware of imitations!** Write for circular telling more about them.

LEHMAN BROS.,
Manufacturers,
10 Bond St., NEW YORK

J. W. ERRINGER,
General Western Sales Agent,
20 E. Randolph St., CHICAGO, ILL.

Mention The Review when you write

Studebaker

DELIVERY WAGONS

Can Be Bought for Only a Little More Than It Will Cost You to Have Your Old Wagon Repaired.

WILL YOU LET US PROVE IT?

THE STUDEBAKER CORPORATION
SOUTH BEND, IND.

Advr. No. 1516.



Always mention the Florists' Review when writing advertisers.

Crawfordsville, Ind.—Arthur S. Pett has opened a downtown store and greenhouse at the corner of Main and Walnut streets. About a year ago he leased the Vant Leven gardens, on the Waynetown road, and embarked in business for himself. Last fall he decided to have a modern salesroom and greenhouse downtown, so he purchased a lot and began the construction of the buildings which have just been completed.

Want and For Sale Department

☞ Advertisements under this head **10 cents per line,** cash with order from all who do not do other advertising. In sending remittance count seven words to the line.

Display advertisements in this department **$1.30** for one inch space.

When answers are to be sent in our care, add 10 cents for forwarding.

Plant advertisements not admitted under this head.

SITUATION WANTED—Florist, good ability and experience, in first-class store. Address No. 71, care Florists' Review, Chicago.

SITUATION WANTED—On a private place by a man of long experience; references; married. Address No. 88, care Florists' Review, Chicago.

SITUATION WANTED—By designer, decorator and good all-round storeman; best of references. Address No. 89, care Florists' Review, Chicago.

SITUATION WANTED—As working foreman, private or commercial; up-to-date grower of first-class florist stock; good references. J. Hodge, 891 Market, Meadville, Pa.

SITUATION WANTED—By competent rose grower; single, 31 years old; can furnish references; state wages and particulars. Address No. 72, care Florists' Review, Chicago.

SITUATION WANTED—By all-round greenhouse man to take charge of boilers, make all repairs; also steam and electric work; married. Address No. 84, care Florists' Review Chicago.

SITUATION WANTED—By gardener, private place preferred; 12 years' experience under glass and outside in Great Britain, 9 months commercial in U. S.; understands all branches of gardening; married, no family; sober; best references. Address No. 90, care Florists' Review, Chicago.

SITUATION WANTED—An experienced German gardener, 26, 2 years in this country, wants a steady place by February 15; thoroughly versed in growing carnations, cyclamen, mums, pot plants, forcing and outdoor work; please state wages. Fritz Junge, 219 Washington St., Marquette, Mich.

SITUATION WANTED—By gardener, German, single, age 36, on private estate; thoroughly experienced in greenhouses, plants, cut flowers, forcing of fruits and vegetables, kitchen and herbaceous gardens, care of grounds; state full particulars. Henry Bauer, 601 Randolph St., Meadville, Pa.

SITUATION WANTED—By German poultry and squab raiser, thoroughly understands artificial rearing of poultry; also experienced in every line of gardening, greenhouse work, farming; capable of taking charge of private estate; disengaged after February 15; free from bad habits, single, age 29; A1 references. Address Wm. F. Schaele, care Chas. Pick, Citronelle, Ala.

SITUATION WANTED—A landscape gardener and grower of cyclamen, Lorraine begonias, ferns, palms, etc., cut flowers, forcing and outdoor vegetables, good general propagator, and nurseryman is open for engagement, as grower, general working foreman or assistant landscape architect; can draw plans and lay out grounds; not afraid of work and can produce results; German, age 29, single, life experience; state full particulars in first letter. Address M. L., 6510 Delmar, St. Louis, Mo.

SITUATION WANTED—By competent grower of potted plants, roses, mums, carnations; first-class references as to ability, sobriety, etc. Address No. 68, care Florists' Review, Chicago.

SITUATION WANTED—By competent lady florist, 26, in modern store, where a good live business is done; eight years' experience; good references. Address No. 81, care Florists' Review, Chicago.

SITUATION WANTED—As a gardener on private place; have 7 years' experience in parks and cemeteries; age 24; sober, single, best of references. Address No. 82, care Florists' Review, Chicago.

SITUATION WANTED—Florist, 25 years' experience, grower of roses, carnations, mums, bulbs, plants; designer, decorator; good wages; best references. Florist, 275 Magnolia St., Detroit, Mich.

SITUATION WANTED—By a young helper, 19 years of age, with about 1 year's experience; prefer a bigger commercial place, for gaining experience in mixed stock. Address No. 87, care Florists' Review, Chicago.

SITUATION WANTED—By good gardener and florist, who understands all-round greenhouse work and landscape gardening; good grower of fruit and vegetables. Florist, 1644 Belmont Ave., Chicago.

SITUATION WANTED—By life experienced florist; single, 27 years old; know all about growing roses, mums, general plants, pot plants and making up designs; can furnish reference. Andrew Dygard, Nevada, Mo.

SITUATION WANTED—By young man with several years' experience in growing roses, carnations, mums and general greenhouse work; also good in propagating; state wages. Address No. 75, care Florists' Review, Chicago.

SITUATION WANTED—Young man, age 23, with considerable experience desires employment as assistant florist and gardener; best of references. Address No. 69, care Florists' Review, Chicago.

SITUATION WANTED—By sober young man, 26, experienced in roses, carnations, general line of cut flowers and plants; can take charge of section; northwest preferred; state wages. Address No. 70, care Florists' Review, Chicago.

SITUATION WANTED—By practical all-round grower of cut flowers and bedding plants for retail trade; sober, honest, willing worker; can come at once. Address No. 74, care Florists' Review, Chicago.

SITUATION WANTED—As working foreman; competent grower of roses, carnations, mums and general all-round stock; German, single, age 36; life experience; A-1 reference. Address J. L., 909 Jessamine St., St. Paul, Minn.

SITUATION WANTED—By young married German, good grower of roses, carnations, mums and general stock; sober and industrious; able to take full charge. Address No. 54, care Florists' Review, Chicago.

SITUATION WANTED—On a medium-sized retail or private place within 75 miles of Pittsburgh; life experience in cut flowers and a first-class grower of cyclamen, bedding plants; design work and vegetables; German, middle age. Address No. 83, care Florists' Review, Chicago.

HELP WANTED—Bright, wide-awake young man, with several years' experience, for retail seed department; reply in own handwriting, giving references and full information regarding previous experience, also stating salary expected. Currie Bros. Co., Milwaukee, Wis.

HELP WANTED—A thorough, competent working gardener to take charge of private greenhouse and outside work on suburban place in Grand Rapids, Michigan; married man preferred; give experience, nationality and age; first-class references required. Address No. 79, care Florists' Review, Chicago.

HELP WANTED—Working superintendent for city park; salary $100.00 per month; steady work; must be sober, honest, industrious and strictly up-to-date on landscape gardening and horticulture; must give the best of references; good position to right party; amateurs need not reply. For information address J. S. Thorn, Sheridan, Wyoming.

HELP WANTED—Will have an opening about March 15th for a good all-round greenhouse man, especially good on mums and bedding plants, one that can help in a store if required; no drinker; state wages wanted with board and room, where last employed and how long; steady job to the right man; near Chicago. Address No. 77, care Florists' Review, Chicago.

HELP WANTED—For one of the best commercial places located in central states, an ambitious working foreman to take charge of rose department; must be fully competent for position and able to produce the goods; right man has every opportunity for advancement; permanent place with good wages; an excellent chance for right party. Address No. 43, care Florists' Review. Chicago.

HELP WANTED—A thorough and reliable grower, who can produce quality and quantity; must be competent in roses, carnations, mums, bulbous stock and in general greenhouse stock and management; must be sober and a hustler; will give position as working foreman to the right man; single man preferred; everything new and modern; room with salary; send references; state lowest wages wanted, with increase, if satisfactory. Freeport Floral Co., Freeport, Ill.

HELP WANTED—Experienced rose grower to take charge; good position. Address No. 91, care Florists' Review, Chicago.

HELP WANTED—Experienced carnation grower to work under foreman; wages $12.00 per week. Warrick Bros., Washington, Pa.

HELP WANTED—Experienced working foreman to grow roses, carnations, mums; must be sober and industrious. J. E. Carey, 22 Macomb St., Mt. Clemens, Mich.

HELP WANTED—At once, experienced packer for cut flowers, rooted cuttings and pot goods; wages $12.00 per week. W. E. Trimble Greenhouse Co., Princeton, Ill.

HELP WANTED—Good all-around greenhouse man in middle Ohio, good designer; must furnish references; state wages; 10,000 feet glass. Address No. 67, care Florists' Review, Chicago.

HELP WANTED—A rose grower who knows something about grafting; state wages expected. Address United States Cut Flower Co., Elmira, N. Y.

HELP WANTED—A good reliable man for store, who has had experience in growing pot plants for Easter and Christmas trade. Address Rawson The Florist, Elmira, N. Y.

HELP WANTED—A good all-round man, one who thoroughly understands growing and watering; married man preferred; position is in an eastern city; references. Address No. 56, care Florists' Review, Chicago.

HELP WANTED—Young, single, experienced assistant gardener for a private place near Chicago; must be sober, willing worker and a non-smoker; fine place for the right man. Address No. 65, care Florists' Review, Chicago.

HELP WANTED—Foreman for our nursery; we want a No. 1 man; a man that can pack, propagate, plant, grow and handle men; good wages for a good man. The Newburys, Mitchell, S. D.

HELP WANTED—First-class grower, also a designer, on salary, to invest $1,000 to $3,000 each; finest new paying proposition in the southwest; references exchanged. Address No. 66, care Florists' Review, Chicago.

HELP WANTED—Young man who has had 2 or 3 years' experience on commercial place where pot plant growing is a specialty; give references and state age and wages wanted. Miller Floral Co., Farmington, Utah.

HELP WANTED—At once; good, reliable young man for retail place; must be a good grower, of good character and habits and a hustler; give references and state wages wanted in first letter. Address No. 80, care Florists' Review, Chicago.

HELP WANTED—A first-class rose grower for section; must be up-to-date, married, American, strictly temperate; good, steady place for man meeting these requirements; full particulars in first letter; also how long employed on last place. C. H. Frey, Lincoln, Neb.

HELP WANTED—Working foreman for nursery and landscape work; must be able to handle first-class city work and take charge of men; only man with nursery experience need apply; reference required; single man preferred. Address Hillside Hardy Flower Gardens, Turtle Creek, Pa.

PARTNER WANTED—Capable grower and reliable manager; must be responsible and be able to handle half interest in an established florist business; the only greenhouses in a city of 15,000 inhabitants. C. E. Franke, Oklahoma City, Okla.

FOR RENT—Greenhouse; stock for sale. 11816 S. Michigan Ave., Chicago, Ill.

FOR SALE—Second-hand pipe; a fine lot of 2-inch pipe, guaranteed sound; write us for prices. Baur Gas Co., Eaton, Indiana.

FOR SALE OR EXCHANGE—For other property, greenhouse property; third town in Illinois; equity $7000, mortgage $2000; reason for sale, owner not a florist. Apply D, 177 N. State St., Room 311, Chicago.

FOR SALE OR LEASE—Greenhouses and residence, 2 acres of ground, 5000 ft. of glass; independent water system; hot water heat; southwest center of Illinois; a bargain; terms reasonable. Address No. 88, care Florists' Review, Chicago.

FOR SALE—4500 ft. of glass and residence, in town of 5000; no competition within 75 miles; 22 agents; $4500 last year; could use 12,000 ft.; health demands lower altitude; would trade; climate same as Denver, Colo. Address No. 64, care Florists' Review, Chicago.

FOR SALE—A fully stocked and equipped growing establishment in a city of 25,000 in central Ohio; 15 houses, 12 built in 1906; if you want a good paying range of houses reasonable, it will pay you to investigate. Address No. 44, care Florists' Review, Chicago.

FOR SALE—A good live business and stock in an up-to-date, lively factory town of 6000; will lease modern residence, greenhouses and land for a term of years; only those who mean business need to reply; southern Michigan. Address No. 76, care Florists' Review, Chicago.

FOR SALE—The long established florist business of John E. Haines, Bethlehem, Pa., recently deceased; 24,000 feet of glass; the business is now successfully and profitably conducted by his executor, but must be sold to carry out the provisions of his will. L. F. Leibfried, Executor, Estate of John E. Haines, dec., Bethlehem, Pa.

FOR SALE—My Seedling Transplanter; with it you can set in 5000 plants per day; send for circular. Albert A. Sawyer, Forest Park, Ill.

FOR SALE—Seven thousand feet of glass, well stocked; good dwelling; my price is right if you mean business. Mrs. May Bradley, Elwood, Indiana.

FOR SALE—A white enamel florist's ice box, 6 feet high, 6 feet wide, 2½ feet deep, equal to new, our make; $75.00 f. o. b. St. Louis. Address The Brecht Co., St. Louis, Mo.

FOR SALE—Kroeschell boiler and 1,500 feet 4-inch C. I. pipe, in good condition; it will pay you to investigate. Wm. E. F. Weber, Sault Ste. Marie, Mich.

FOR SALE—A leading and well established retail florist store in Philadelphia; excellent opportunity; good reasons for selling; price reasonable. Address No. 86, care Florists' Review, Chicago.

FOR SALE—Well established mushroom business; two large mushroom houses, practically new; hot water heat; two acres of ground; an excellent opportunity. If interested call or write. A. H. Tyson, Lansdale, Pa.

FOR SALE—Greenhouse plant, 4000 feet of glass, seven-room dwelling, shop 15x30, two acres of land, three chicken houses; connected by trolley with four cities; reason for selling, poor health. W. H. Shumway, Berlin, Conn.

FOR SALE—First-class greenhouse business in live town in central Indiana; modern dwelling, fine stock of plants and extra fine cut flower trade. Address No. 62, care Florists' Review, Chicago.

FOR SALE—Two Furman sectional hot water boilers, Nos. 307 and 4008-A; eight Hitchings ventilating machines, complete, suitable for small houses; cheap for cash. Haentze Co., Fond du Lac, Wis.

FOR SALE—Modern well piped greenhouses, about 4000 feet of glass; would sell at a bargain; store in town with well established trade; selling on account of health; or would take a working partner with $1,500; greenhouse situated in good location on town route. A. R. Salmon, Kalispell, Mont.

Here's a Chance

15,000 square feet of modern glass for sale, built four years, two acres of land. Fastest-growing town in eastern Pennsylvania. Stocked with carnations and sweet peas. Sell 50,000 vegetable plants in spring. Within 18 miles of five large cities. Will sell cheap.

Address No. 68, care Florists' Review, Chicago

For Sale

A good wholesale florists' establishment of about 35,000 sq. ft. of glass, 30 acres of good ground and excellent house of 10 rooms: also good outbuildings; vicinity of Pittsburgh, Pa.; price and terms reasonable. For further particulars, address

No. 48, care Florists' Review, Chicago

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A florist's establishment in St. Louis, all in good running order; four greenhouses, and stocked up with bedding plants of all kinds; also carnation plants to cut from; a good chance for a grower. Apply to

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G. R. GEARY (Mayor)
Chairman Board of Control

CITY HALL, TORONTO, Jan. 17, 1912.

Florists' Telegraph Delivery

(Retailers' Section—S. A. F. & O. H.)

Mutual Discounts 20 per cent. **Provision for Guaranteed Accounts**

J. A. VALENTINE, Denver - President
W. J. PALMER, Buffalo - Vice-President
W. L. ROCK, Kansas City - Treasurer

OTHER DIRECTORS:
Ernst Wienhoeber, Philip Breitmeyer, A. B. Cartledge, W. F. Gude, George Asmus, Fred H. Meinhardt

Write for particulars to IRWIN BERTERMANN, Secretary, 241 Massachusetts Ave., Indianapolis, Ind.

LIST OF MEMBERS

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Boston, Mass., 43 Bromfield St.....Penn, Henry
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Kansas City, Mo., 1116 Walnut St...Rock, W. L. Flower Co.
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Louisville, Ky., Masonic Temple.....Baumer, August R.
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New York., N. Y., Madison Ave. and 44th St.....
.....Dards, Chas. A.
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Northampton, Mass.....Field, H. W.
Oklahoma City, Okla.....Stiles Co., The
Parkersburg, W. Va.....Dudley & Sons, J. W.
Paterson, N. J.....Sceery, Edward
Philadelphia, Pa., 1514 Chestnut St.....Pennock Bros.
Portland, Ore., 325 Morrison St.....Tonseth Floral Co.
Poughkeepsie, N. Y .....Saltford Flower Shop
Rochester, N. Y., 25 Clinton Ave.....Keller & Sons
Rockford, Ill.....Buckbee, H. W.
Scranton, Pa.....Clark, G. R.
Seattle, Wash., 1534 2nd Ave.....Hollywood Gardens
Spokane, Wash., 817 Riverside Ave.....Hoyt Bros. Co.
Springfield, Mass., 378 Main St.....Aitken, Mark
St. Louis, Mo., 7041 Florissant Ave.....Meinhardt, Fred A.
St. Paul, Minn., 24 W. 5th St.....Holm & Olson
Terre Haute, Ind., 139 S. 7th St.....Heinl, John G. & Son
Toledo, O., 336 Superior St.....Freeman, Mrs. J. B.
Washington, D. C., 1214 F St., N. W.....Gude Bros. Co.
Washington, D. C., 14th and G Sts.....Small, J. H. & Sons
Wichita, Kan., 145 N. Main St.....Mueller, Chas. P.

CHICAGO

Send Your Orders to.. William J. SMYTH

Member Florists' Telegraph Delivery Association. Michigan Ave., at 31st St.

Your orders for ATLANTIC CITY, N. J., will be carefully filled by
George H. Berke
1505 Pacific Ave.
Member Florists' Telegraph Delivery.

W. J. Palmer & Son
304 Main St., BUFFALO, N. Y.
Members Florists' Telegraph Ass'n

The Park Floral Co.
J. A. VALENTINE, Pres.
Member Florists' Telegraph Delivery.
DENVER, - COLORADO

JOHN BREITMEYER'S SONS
Corner Broadway and Gratiot Ave.,
DETROIT, MICH.
Special care taken with telegraph orders for
DETROIT AND VICINITY
L. Bemb Floral Co., Albert Pochelon, Prop., 153 Bates St

J. F. WILCOX & SONS, 521 Broadway, Council Bluffs, Iowa.
Wholesale and Retail
Largest Greenhouse Establishment West of Chicago.
Orders delivered anywhere, including Iowa, Nebraska, North Dakota and South Dakota. Free deliveries to Omaha.

DENVER.

The Market.

The last two weeks have been fine. Both weather and business were all that could be expected, and the only regret is the shortage of stock. It makes us wonder what we really could have done had we been able to supply all wants.

Tea roses are off crop with nearly every grower in the city. This same condition exists every year shortly after the holidays, and there seems to be no immediate remedy. The Christmas crop lasts until early in January, and after that for about three or four weeks roses are hard to get at any price. Beauties are off crop as well as teas, but the demand is not quite so heavy.

There are plenty of carnations, but owing to the scarcity of roses they are cleaned up each day and so far there has been practically no loss. Violets are plentiful, but there is no special demand. Spring flowers, such as tulips, jonquils, daffodils and hyacinths, are seen, but not in great quantities. Sev-

BOSTON, MASS.
Penn The Florist
"Penn, The Telegraph Florist"
Members of Florists' Telegraph Delivery Association.
37-43 BROMFIELD STREET

CARBONE, 342 Boylston St.,
BOSTON
Member Florists' Telegraph Delivery Association

Colorado Springs, Colo.
Frank F. Crump Wholesale and Retail Florist
Members Florists' Telegraph Delivery.

VASSAR COLLEGE
The Saltford Flower Shop, Poughkeepsie, N. Y.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

LOUISVILLE, KENTUCKY

JACOB SCHULZ, Flower Shop, 550 South Fourth Avenue, Greenhouses, 831 Cherokee Road.

Personal attention given to out-of-town orders for Louisville and surrounding territory. Member Florists' Telegraph Delivery

DARDS,

N. E. Cor. 44th Street and Madison Avenue, NEW YORK

Telephones 4025-4026, 38th Street,

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union — Member Florists' Telegraph Delivery. — Established 1874

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LEADING FLORIST

Hartford, Conn.

Orders solicited for all parts of Connecticut.

Indianapolis, Ind.

241 Massachusetts Ave.

Bertermann Bros. Co.

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Members Florists' Telegraph Delivery Ass'n.

Samuel Murray

KANSAS CITY, MO.

913 Grand Ave.

All Orders given Prompt and Careful Attention

Member of the Florists' Telegraph Delivery.

Mankato, Minn.

The Windmiller Co.

Will fill orders for Minnesota and the Dakotas.

Member Florists' Telegraph Delivery.

Newark, Ohio

CHAS. A. DUERR, The Arcade Florist

Auto. Phone 1840

Greenhouses, Granville, Ohio—Phone 26

Member Florists' Telegraph Delivery

GALESBURG, ILL.

I. L. PILLSBURY—For Central Ill.

Member Florists' Telegraph Delivery Association.

KALAMAZOO, MICH.

G. Van Bochove & Bro., The Leading Florists

NEW JERSEY

EDWARD SCEERY—PATERSON and PASSAIC

Member Florists' Telegraph Delivery Association.

MRS. J. B. FREEMAN, LEADING FLORIST, Successor to Geo. A. Heinl **Toledo, Ohio**

All Orders Promptly Executed.

Rock's Flowers Kansas City

Wm. L. Rock Flower Co.

KANSAS CITY, MO.

1116 Walnut Street

Members Florists' Telegraph Delivery

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

H. W. FIELD, The College Florist

NORTHAMPTON, MASS.

Home of Smith College

Send your orders to him for prompt and careful attention.

eral funerals last week used a number of Easter lilies and callas also sold well.

The demand for fern leaves has been unusually heavy. Smilax is being shipped into this market from Colorado Springs.

Club Meeting.

The Colorado Florists' Club met Monday evening, January 15, the regular meeting night having fallen on New Year's. It was one of the most interesting meetings the club has had, and it will be the endeavor of the officers and entertainment committee to make each coming meeting more successful than the last.

Exhibitions of carnations were made by the Mauff Floral Co., Park Floral Co., Peter Johnson, C. A. Benson and Emil Glauber. The varieties shown were Washington, Ruby, Scarlet Glow, Princess Charming, Bright Spot, President Valentine, Enchantress, Winsor, White Enchantress, Mrs. C. W. Ward, White Perfection and Beacon.

The evening's entertainment, after refreshments, consisted of a three-round bout, several selections on the zither by Fred Wilke, and a discussion on carnations, in which all joined.

The next meeting will be Monday evening, February 5, at T. M. A. hall. The entertainment committee in charge of the meeting is C. L. Gross, Frank Fraser and C. Lengenfelder. There will be an exhibition of roses by local growers, and probably a paper on "Roses" by some successful grower.

Anyone outside of Denver who would like to display any novelties, in roses

Tonseth Floral Co.

325 Morrison Street

GROWERS AND RETAILERS

Portland, Ore.

Seattle, Washington

Hollywood Gardens

1534 SECOND AVENUE

MEMBERS FLORISTS' TELEGRAPH DELIVERY

ST. PAUL, MINN.

The Largest Store in America.

Members Florists' Telegraph Delivery.

The finest and largest stock west of Chicago.

Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

GUDE BROS. CO. FflorISTS 1214 F ST. N.W. WASHINGTON, D.C.

WASHINGTON, D. C.

GUDE'S

Member Florists' Telegraph Delivery.

Rockford, Ill., H. W. Buckbee

CLARK, FLORIST, SCRANTON, PA. 124 Washington Ave.

Member Florists' Telegraph Delivery. Orders for Northeastern Pennsylvania filled promptly. Usual discount. Both Phones No. 2454.

TERRE HAUTE, IND.

JOHN G. HEINL & SON 129 South 7th Street

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Established 1859.

A. Wiegand & Sons
Florists and Decorators
1610 to 1620 N. Illinois St., Indianapolis, Ind.
Indiana's oldest, largest and most complete retail establishment.

Cable and Telegraph, Franzen. Phone Rav. 2876
CHICAGO
FRANZEN
1476-78 SUMMERDALE AVE.

TRENTON, N. J.
MARTIN C. RIBSAM
THE FLORIST
Messenger delivery to Princeton, New Brunswick, Bordentown, Hightstown, Lawrenceville and Lambertville, N. J.

Send Your **PHILADELPHIA** Orders to...
CHARLES HENRY FOX
BROAD AND WALNUT STREETS
Always on time

KENOSHA, WIS.
and all points between
CHICAGO AND MILWAUKEE
Mail, wire or phone your orders to
P. N. OBERTIN, 567 Chicago St., KENOSHA, WIS.

The Fernery **SCHULTHEIS, FLORIST**
Write, Phone or Wire 613 Linden St., SCRANTON, PA.

S. B. STEWART
119 No. 16th St., OMAHA, NEB.

Wholesale and retail orders for CUT FLOWERS, FUNERAL DESIGNS, etc. by telegraph will receive prompt attention at
IRA G. MARVIN'S, Wilkes-Barre, Pa.

Benson's Flowers
Indianapolis, Ind. DELIVERED ANYWHERE

R. Strohmeier, Aberdeen, S. D.
Prompt Attention Given to Out-of-town Orders

Orders for **Charleston, W. Va.** are given prompt and careful attention by the
CHARLESTON CUT FLOWER AND PLANT CO.

Brockman's Flower Shop **Fort Smith, Ark.**
Leading florists in fastest growing city in the southwest.

Archias Floral Co. SEDALIA, MISSOURI
Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

W. S. Lee Florist
Hippodrome Building.
44th STREET & SIXTH AVE.
TELEPHONE 714 BRYANT NEW YORK
STEAMER ORDERS A SPECIALTY.

A Card This Size
Costs Only 70c per Week on Yearly Order
It would keep your **name** and your facilities before the **whole** trade.
A half-inch card costs only 35c per week on yearly order.

or any other flowers, will kindly send them to E. P. Neiman, care of the Park Floral Co. Have such shipments reach here on the first Monday of the month. They will be appreciated.

Various Notes.

Mr. and Mrs. P. J. Manchester, of Arvada, are in California, where they were called on account of the serious illness of Mr. Manchester's brother.

All the florists who attended the convention in Detroit have returned. During their absence the weather moderated greatly, and they were delighted to find it almost like spring when they reached home.

An attractive window was seen recently in the store of H. J. Berry. It represented a mountain scene, and here and there were planted native plants and shrubs, of which Mr. Berry has an unusually fine collection.

Guy M. Reburn, of A. Henderson & Co., Chicago, was here the early part of the month on his way east.

Mr. and Mrs. T. D. Long are in Kansas City, Mo., having gone there to attend the funeral of Mr. Long's brother.

J. L. Ennegon, of the New York Floral Co., dropped his pocketbook on the street a short time ago, but fortunately discovered his loss in time to follow two men who were seen picking it up. They refused to return it at first, but when Mr. Ennegon insisted, using his fists for emphasis, they gave it to him. The purse contained a large sum of money and was worth fighting for.

Visitors: N. E. De Golier, Loveland, Colo.; Howard Gardner and J. H. Ellis, Greeley, Colo., and C. U. Fohn, Glen Eyrie, Colorado Springs. M. R. J.

ST. LOUIS.

The Market.

Last week all the florists seemed to be busy with work of all kinds. There are a great many social affairs going on which call for a large amount of floral work. In addition there has been an unusual amount of funeral work.

We have been having some splendid weather, which should have brought out an abundance of stock from our local growers; nevertheless, the wholesalers had a hard time supplying the local demand on roses and carnations. For McKinley day pink and red carnations were in big demand, but not selling as well as in former years. In

Los Angeles, Cal.
THE ROSERIE
FLORIST
LARGEST STORE IN CALIFORNIA
721 SOUTH BROADWAY
C. J. MULLER, Proprietor
Orders for Designs or Cut Flowers promptly filled. Trade discount.

HAYWARD FLORAL CO.
216 West Sixth St., LOS ANGELES, CAL.
Cut flowers or good design work by best artists and designers, delivered anywhere in the west on receipt of mail or telegraph orders. Usual discount to the trade.

Thee Florists
328 W. Fifth St., Los Angeles, Cal.
We make a specialty of out-of-town orders and solicit your business, which will have our prompt attention. Prices right. Usual discount.
FRANK LICHTENBERG, Prop.

WOLFSKILLS'
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MORRIS GOLDENSON
Consolidated.
CUT FLOWER MERCHANTS
We solicit telegraph orders.
Regular Trade Discount.
229 W. Third Street, LOS ANGELES, CAL.

S. MASUR
Telephone 334 Main.
236 Fulton Street, BROOKLYN, N. Y.

INDIANA and ILLINOIS
Promptness and very Freshest Flowers.
N. B. & C. E. STOVER, 118 So. 6th St., TERRE HAUTE, IND.

Frey & Frey, 1338 O St. **Lincoln, Neb.**
Wholesale and Retail
100,000 sq. ft. of glass at your service. Trade discount

Minneapolis, Minn. LEADING FLORISTS
SWANSON'S, 618 Nicollet Ave.

DRUMM SEED and FLORAL CO.
507 Houston St., FORT WORTH, TEX.
Headquarters for Cut Flowers and Funeral Designs

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1216 Olive St. ST. LOUIS, MO.

Baltimore, Md.
ALBERT G. FIEDLER & CO., 902 South Charles St.

I. N. KRAMER & SON
CEDAR RAPIDS, IA.

Chas. W. Crouch, KNOXVILLE, TENN.
The Leading Florist of the South
All Orders Given Special Attention

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LOUISVILLE, KENTUCKY — M. D. REIMERS

New Location, "THE SEELBACK," and 223 S. FOURTH AVENUE

CHOICEST CUT FLOWERS

PERSONAL ATTENTION GIVEN TO OUT-OF-TOWN ORDERS

Orders for

BIRMINGHAM, ALA.

Well taken care of by

AMZI GODDEN SEED CO.

Established 1857.

Facilities for supplying everything in the line of CUT FLOWERS AND DESIGNS

BUFFALO

S. A. ANDERSON

440 MAIN STREET

Special Deliveries Niagara Falls and Lockport

Write, Wire or Phone your orders to

YOUNG'S

1406 Olive St., ST. LOUIS, MO.

Regular discount allowed on all orders, either Plants or Cut Flowers.

Phones: Bell, Main 2306; Kinloch, Central 4981

SAN FRANCISCO

Podesta & Baldocchi

224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists

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The Cleveland Cut Flower Co.

CLEVELAND, OHIO

Will fill your orders for Designs or Cut Flowers in Northern Ohio.

MARION FLORAL CO. — **Marion, Ind.**

Central Northern Points. Store: 406 South Adams

PROVIDENCE, R. I.

and all New England Points

T. J. JOHNSTON & CO.

171 Weybosset Street, Providence

BEYER FLORAL CO. SOUTH BEND, IND.

Daily deliveries to Notre Dame University and St. Mary's Academy

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MADISON, WIS.

Capital City Greenhouse Co.

Best Shipping Service for Wisconsin

All orders receive prompt and personal attention.

LOU HELEN DUNDORE, THE ROSERY

110 W. King St., LANCASTER, PA.

CORNELL and WELLS COLLEGES and

CENTRAL NEW YORK ORDERS

Dobbs & Son, Wholesale and Retail Florists, Auburn, N.Y.



SEND YOUR ORDERS FOR DIXIE LAND TO

IDLE HOUR NURSERIES

MACON, GEORGIA

All Choice CUT FLOWERS in Season

Orchids and Valley a specialty

VERMONT'S FLORIST
W. E. PETERS

137 St. Paul Street, BURLINGTON, VT.

---

the downtown business district they sold the best.

California violets are selling well and there are quite large shipments coming in daily from Kirkwood. Bulb stock is coming in heavily and lilies, both callas and longiflorums, tulips, valley, freesias, Romans and Paper Whites sold well all the week. Sweet peas, also, are coming in large lots.

Asparagus sprays clean up daily and galax, fancy ferns and smilax had a large demand all the week.

An Officers' Meeting.

The officers of the St. Louis Florists' Club met January 25 at the home of Secretary Beneke, all except Mr. Vennemann, the vice-president, being present. The meeting was called by President Windler for the purpose of making the coming club meetings attractive to the members, and a program was laid out for each meeting. Those present were R. J. Windler, W. C. Smith, W. C. Young, E. W. Guy, Frank A. Weber and J. J. Beneke.

After an hour or so of talk the following program was adopted:

For the February meeting William C. Young will take up the subject of "Pot-grown Roses." In this he will be assisted by Frank Weber, C. E. De Wever and Jules Bourdet.

For the March meeting Geo. B. Windler will talk on "Easter Plants," which will also be discussed by John Held, C. C. Sanders and E. Schray.

For the April meeting "Summer Cut

We Guarantee Satisfaction

A. J. Bunyard FLORAL CO.

413 Madison Ave., Cor. 48th St., NEW YORK

Bellevue Avenue, Newport, R. I.

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand.

McKenna

MONTREAL

FRED EHRET

WHOLESALE AND RETAIL FLORIST

1402 Fairmount Ave. and 702 N. Broad St.,

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Orders for Philadelphia and surrounding country carefully filled on short notice.

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L. D. Phone 5297 Plaza

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WELLESLEY COLLEGE

Dana Hall, Walnut Hill, Rockridge Hall Schools

TAILBY, Wellesley, Mass.

Long Distance Tel., Wellesley 44-1, 44-2, 44-3.

TEXAS — Dallas Floral Co.

DALLAS, TEX.

H. F. GREVE, Prop.

Rosemont Gardens

W. B. Paterson, Prop., 116 Dexter Ave., MONTGOMERY, ALA.

HESS & SWOBODA, FLORISTS

Telephones 1501 and L 1582

1415 Farnum Street OMAHA, NEB.

U. J. VIRGIN

838 Canal St. NEW ORLEANS, LA.

Lang Floral & Nursery Co., DALLAS, TEXAS.

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

Prompt and personal attention given all orders.

MRS. J. T. HINCHLIFFE

FLORIST

504-506 Wisconsin St., Racine, Wis.

GEO. C. BAKER, Florist

206 E. Park Ave., San Antonio, Texas

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Bell Main 2809
Cuy. Central 1866
The Smith & Fetters Co.
LEADING FLORISTS
735 Euclid Ave., Cleveland

WILSON DELIVERS EVERYWHERE
New York New Jersey Long Island
BROOKLYN
8 AND 5 GREENE AVENUE
Tel. No. 6800 Prospect

The Livingston Seed Co.
FLORISTS
COVER ALL OHIO POINTS
114 N. High Street, COLUMBUS, OHIO

PORTLAND, ORE. Clarke Bros. FLORISTS OAKLAND, CAL.

Lexington, Ky.
KELLER, Florist
High Grade Cut Flowers and Designing : : : :
All orders entrusted to us for Central Kentucky will have careful attention.

LA CROSSE FLORAL CO. La Crosse, Wis.
will properly execute orders in Wisconsin or the northwest

LINCOLN, NEB. CHAPIN BROS. Retail Florists
Flowers for All Occasions, from Cradle to Grave

E. O. LOVELL GRAND FORKS
Will give prompt attention to all orders for delivery in North Dakota

A. C. BROWN, SPRINGFIELD, ILLINOIS
LARGE GREENHOUSES

Boehringer Bros.
325 Park Avenue, BAY CITY, MICH.

Mrs. M. E. Hollcraft
807 Kansas Ave., TOPEKA, KAN.

MICHIGAN Orders will be carefully cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS

Minneapolis Floral Co., WHOLESALE and RETAIL FLORISTS
MINNEAPOLIS, MINN.
Funeral designs on short notice. One of the largest establishments west of Chicago.

Send Orders for Washington, D.C. and vicinity to Blackistone
Everything First-Class
14th and H Streets

FRED C. BECKER
1730 Cambridge Street, CAMBRIDGE, MASS.
Deliveries made to Harvard and Radcliffe Colleges and all outgoing Boston steamers.

A Card This Size
Costs Only 70c per Week on Yearly Order
It would keep your name and your facilities before the whole trade.
A half-inch card costs only 35c per week on yearly order.

Colorado Springs, Colo.
Orders Carefully Executed
PIKES PEAK FLORAL CO.
Wholesale and Retail

DALLAS, TEXAS
The Texas Seed & Floral Company
Orders for cut flowers and designs solicited for delivery in any part of Texas.

Pittsburg, Kan.—Bartlesville, Ok.
THE STEINHAUSER FLORIST & NURSERY CO. (Inc.)
Growers and Shippers—Wholesale and Retail
Out-of-town orders given special and personal attention. Give us a trial.

South and Southwest Texas and sailing from Galveston
H. H. KUHLMANN, Florist
2507 Jackson St., S. W. Phone, Hadley 1926-2330
2526 Washington St., Opp Glenwood Cemetery, S. W. Phone, Taylor 628-1081.
Uptown, 913 Main St., S. W. Phone, Preston 7741
HOUSTON, TEXAS

TRILLOW FLORIST Des Moines, Iowa
Will promptly execute all orders in this vicinity

Aurora, Ill. Jos. M. Smely
and vicinity Phones 147

Richmond, Ind.
FRED H. LEMON & CO.
Florists and Decorators. Send us your orders.

W. P. McFARLAND L. C. McFARLAND
McFARLANDS, Florists
AKRON, OHIO

Evanston and Chicago
JOHN WEILAND, EVANSTON, ILL.

Deliveries to Northwestern University and all North Shore Towns.
FISCHER BROS. 614 Dempster St., EVANSTON, ILL. L. D. Phone 2642

MONTREAL, We can fill all orders.
HALL & ROBINSON, 825 St. Catherine Street, West

Wholesale and Retail orders for Cut Flowers, Funeral Designs, etc., receive prompt attention.
CLEVELAND, OHIO
G. M. NAUMANN & SON

Flowers'' will be discussed by E. W. Guy, assisted by F. J. Fillmore, Chas. Hecht and W. J. Pilcher.

For the May meeting J. F. Ammann will take up the ''Relations of the Retailer, Wholesaler and Grower.'' Mr. Ammann will be assisted in this discussion by Otto Sander for the retailer, W. C. Smith for the wholesaler and A. S. Halstead for the grower.

For the June meeting C. E. De Wever will lead a discussion on ''Relative Value of Overhead and Sub-irrigation.'' Gust W. Grossart, Jules Bourdet and Pierre Schneider will discuss the subject with him.

For the July meeting there will be a discussion on ''Chrysanthemums.'' Henry Emunds will take the cut flowers and Carl Beyer the pot plants. C. C. Sanders and H. C. Irish will take issue with Mr. Beyer, and John Held and A. H. Ahner will asist Mr. Emunds.

Various Notes.

The St. Louis Florists' Club will hold its regular monthly meeting Thursday afternoon, February 8. President Windler says this will be a most interesting meeting. Special features will be presented by W. C. Young, Frank A. Weber, C. E. De Wever and Jules Bourdet, and this should bring out a large attendance.

E. W. Guy, of Belleville, called on the Kirkwood growers last week and reports that they are all in good crop with carnations, violets and sweet peas.

The H. J. Weber & Sons Nursery Co. has issued its spring catalogue.

The Ellison Floral Co. furnished the decorations for a number of social affairs last week. Their show house is full of splendid blooming plants.

C. Young & Sons Co. furnished the decorations for the Imperial ball last week.

Julius Schaffer, lately with the Mullanphy Floral Co. and formerly in business on Sixth street, is now in the employ of the M. M. Ayers Floral Co. on Grand avenue.

F. A. Ryan Floral Co., formerly lo-

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Alexander McConnell

611 Fifth Avenue, Windsor Arcade **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all the principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Calls: 340 and 341 38th Street **Cable Address: ALEXCONNELL** **Western Union Code**

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, **Pittsburg, Pa.**

Largest Floral Establishment in America

Established 1874--Incorporated 1909

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

Winona and Rochester, Minn.

For prompt and particular attention send your orders for Southwestern Wisconsin and Southern Minnesota to

John Fuhlbruegge

Grower and Retailer

Canada's Florist

Dunlop's

96 Yonge St., TORONTO

PASADENA, CAL.

The Orchid 13 East Colorado St. Also all Los Angeles orders promptly filled.

MRS. LORD'S FLOWER ROOM

112 W. 8th Ave., TOPEKA, KAN.

STATE NURSERY CO.

CUT FLOWERS

155,000 sq. ft. of glass at your service. HELENA, MONTANA

Freeport Floral Co.

Telegraphic orders promptly attended to. FREEPORT, ILL.

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order.

11 North Pearl St., - ALBANY, N. Y.

Max Schling

NEW YORK

No. 22 West 59th Street

Adjoining Plaza Hotel

CLEVELAND

...THE...

J. M. GASSER COMPANY

EUCLID AVENUE

We ship all points in Ohio. The best of everything in Flowers.

HUGO H. JAHN

710 Nostrand Avenue,

Tel. No. 1952 Bedford BROOKLYN, N. Y.

Will deliver to Steamships, Theaters, anywhere within 20 miles of New York.

ARTISTIC WORK. PERSONAL ATTENTION.

Special care of your telegraph orders.

MILLS THE FLORIST, Inc.

36 W. Forsyth Street

Jacksonville, Fla.

We reach all Florida and South Georgia points.

North Dakota IOWA All Orders Promptly and Properly Executed.



South Dakota MINN. 40,000 feet of Commercial Cut Flowers.

The Newburys, Mitchell, S. D.

Orders by wire receive prompt and careful execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

ST. LOUIS, MO.

Flowers Delivered in City or State on Short Notice

F. H. WEBER

BOYLE AND MARYLAND AVENUES

Both Long Distance Phones

M. A. Bowe

IN HEART OF NEW YORK CITY

12 W. 33d Street, N. Y.

Opposite the Waldorf-Astoria.

Phone Madison Sq. 6404. Our Motto—The Golden Rule

George G. McClunie, Florist

187 Main St., HARTFORD, CONN.

Orders solicited for Connecticut and nearby points. Tel. Charter 5591-2. Floral Designs a Specialty.

Louisville, Ky.

F. WALKER & CO., 634 Fourth Ave.

cated at 1415 St. Louis avenue, has moved its store around the corner on Fourteenth street, where they have a pretty store, larger than the old one.

John Held has a house of fine cyclamen plants, which are in demand for the retail trade. He also has a new white fringed seedling which looks mighty good.

Visitors recently were: E. J. Fancourt, of S. S. Pennock-Meehan Co., and Martin Reukauf, of H. Bayersdorfer & Co., Philadelphia. J. J. B.

PITTSBURGH.

The Market.

There has been little change either in the weather or in business conditions since last week's report. No one is bragging much, nor is there any complaint. Flowers, except Beauties and roses, are plentiful enough. Bulb stock is improving right along.

Various Notes.

Tuesday, February 6, will be club meeting night. Carnations will be the subject. The election of officers is attracting more than usual attention and Mr. Totty will be there as a guest. All members should make it a point to be present.

H. P. Joslin, secretary of the florists' club, has been confined to his home for a week with quinsy, but hopes to be out before many days.

Gus. Radzwiski, the porter for the Pittsburgh Cut Flower Co., did an acrobatic stunt off a ladder and through a plate glass window, and never got a scratch.

Randolph & McClements report this the best season to date for several years, with sufficient advance orders to make this good until Lent begins.

Charles Godwin, of Bridgeville, Pa., is the proud father of twins. They

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Established 1857.

Wittbold FLORIST

737-739 Buckingham Place

L. D. Phone 1112 Graceland

CHICAGO

Send us your retail orders. We have the best facilities in the city.

Write, Wire or Phone

JOHN WALKER

11 S. PHELPS STREET

Youngstown, O.

Careful attention given to out-of-town orders. Trade discount allowed.

DENVER, COLO.

FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice.

Daniels & Fisher.

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver."

YOUNG & NUGENT

NEW YORK: 42 W. 28th St.

In the theater district. Exceptional facilities for delivering flowers on outgoing steamers. Your orders will receive prompt and careful attention. Wire, telephone or write us.

"WE NEVER SLEEP"

IDLEWILD GREENHOUSES, Memphis, Tenn.

89 South Main Street

"Up-to-the-minute" Service and Execution. Every Flower in Season.

WILSON BROOKLYN

New York

Telephone, 6860 Prospect

Baker Bros. Co. Ft. Worth, Tex.

Send Orders for the Southwest

Best Railroad Center in the State.

MOBILE, ALABAMA

The Minge Floral Co.

C. L. VAN METER, Florist MONTICELLO, IA.

Orders solicited to be delivered anywhere.

Specialist in Cut Flowers and Designs

PEKIN — PEORIA

All orders receive personal attention.

GEO. A. KUHL, Pekin, Ill.

WE STRIVE TO PLEASE

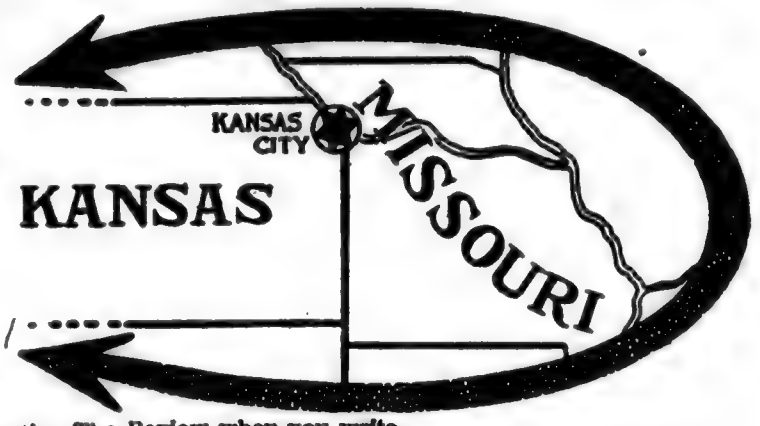
ALPHA FLORAL Co.

1108 WALNUT - PHONES BELL 1806

Kansas City, Missouri

The largest Florists in the Central West

A. ELBERFIELD, Proprietor



Mention The Review when you write.

E. R. FRY, Florist

Rochester, N. Y.

I have constantly on hand a seasonable variety of fresh cut flowers, which I will deliver promptly in Rochester and adjoining towns.

A Card This Size

Costs Only 70c per Week on Yearly Order

It would keep your name and your facilities before the whole trade.

A half-inch card costs only 35c per week on yearly order.

---

arrived on Monday, January 29, a boy and a girl. Mother and children are getting along nicely.

T. P. Langhans has been nursing a dose of grip.

William Loew has been confined to his home during the last week, on account of sickness.

Pittsburgh did not show any interest in McKinley day. There was no unusual demand for carnations.

Hoo-Hoo.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Caledonia	New York	Glasgow	Feb. 3
Tagus	New York	Cuba	Feb. 3
Canopic	New York	Egypt	Feb. 3
Laconia	New York	Egypt	Feb. 3
P. Irene	New York	Genoa	Feb. 3
Friedrich Wm	New York	Bremen	Feb. 6
Tenyo Maru	San Fr'sco	Hongkong	Feb. 6
Lusitania	New York	Liverpool	Feb. 7
Royal George	Halifax	Bristol	Feb. 7
Monteagle	Vancouver	China	Feb. 7
Cameronia	New York	Glasgow	Feb. 10
Pannonia	Boston	Liverpool	Feb. 13
Persia	San Fr'sco	Hongkong	Feb. 13
Tamba Maru	Seattle	Hongkong	Feb. 13
Campania	New York	Liverpool	Feb. 14
Columbia	New York	Glasgow	Feb. 17
Haverford	Philadelphia	Liverpool	Feb. 17
Ausonia	Portland	London	Feb. 17
K. Albert	New York	Genoa	Feb. 17
Korea	San Fr'sco	Hongkong	Feb. 20
Caronia	New York	Egypt	Feb. 20
Adriatic	New York	Egypt	Feb. 21
California	New York	Glasgow	Feb. 24
Ivernia	Boston	Liverpool	Feb. 27
Sanuki Maru	Seattle	Hongkong	Feb. 27
Lusitania	New York	Liverpool	Feb. 28
Shinyo Maru	San Fr'sco	Hongkong	Feb. 28

Rockland, Mass.—William B. Arnold, the North avenue florist, has made an assignment for the benefit of his creditors. The liabilities thus far known are about $800 and the assets are the stock in hand.

Abundantly prepared at all times.

Edwards Floral Hall Company

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All Kinds of CUT FLOWERS

in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

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BALTIMORE, MD. And All Southern Points.

PIERCE & CO. 509 N. Charles Street BALTIMORE, MD.

LEADING-RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

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Schling, Max
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SCRANTON, PA.
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Schultheis, Florist
SEATTLE, WASH.
Hollywood Gardens
SEDALIA, MO.
Archias Flo. Co.
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Beyer Floral Co.
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WINONA, MINN.
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WORCESTER, MASS.
Lange, H. F. A.
YOUNGSTOWN, O.
Walker, John
ZANESVILLE, OHIO.
Imlay, John D.

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We manufacture the most complete line of High-grade Boxes at reasonable prices.

Palm Green, Mist Gray, Mist Brown	Per 100
16x 4 x3	$ 1.85
20x 4 x3	2.15
18x 5 x3	2.15
21x 5 x3	2.50
24x 5 x3½	3.00
30x 5 x3½	3.30
36x 5½x3½	4.50
21x 7 x3½	3.25
24x 8 x4	3.85
28x 8 x4	4.35
28x 8 x5	5.00
36x 8 x5, Telescope.	7.00
30x10 x5 "	7.50
36x10 x5 "	9.00
40x 8 x5 "	9.00
42x 8 x5 "	11.00
42x10 x5 "	13.00
48x10 x5 "	15.00

White Glaze, Green Glaze, Pink Glaze	Per 100
16x 4 x3	$ 2.65
20x 4 x3	3.00
18x 5 x3	3.00
21x 5 x3	3.50
24x 5 x3½	3.75
30x 5 x3½	4.50
36x 5½x3½	5.65
18x 6 x3½	3.65
21x 7 x3½	4.00
21x 8 x4	4.65
24x 8 x4	5.25
28x 8 x4	6.00
28x 8 x5	6.50
36x 8 x5, Telescope.	9.00
36x10 x5 "	11.00
40x 8 x5 "	11.00
42x 8 x5 "	13.25
42x10 x5 "	15.00
48x10 x5 "	18.00

Spray, Design and Miscellaneous Palm Green	Per 100
18x 6x3½	$ 2.75
15x 6x5	3.50
21x 8x4	3.50
24x 8x5	4.00
23x12x5, Telescope	7.50
12x12x8 "	9.00
30x12x6 "	10.00
16x16x8 "	10.00
20x20x8 "	13.00
24x24x8 "	15.00
28x22x8 "	16.00
28x28x8 "	19.00
32x32x8 "	25.00
20x12x8 "	10.00
24x14x8 "	12.50
30x14x8 "	14.50
32x17x8 "	16.00
36x14x8 "	16.00
40x14x8 "	17.50
36x17x8 "	18.50
42x17x8 "	20.00

Spray, Design and Miscellaneous Mist Gray	Per 100
28x 6x 4	$ 3.50
24x 8x 5	4.00
30x 9x 4, Telescope	6.50
20x12x 8 "	10.00
24x14x 8 "	13.00
30x14x 8 "	15.00
48x 8x 5 "	12.50
30x12x 6 "	10.50
12x12x 8 "	9.50
14x14x 8 "	10.00
16x16x 8 "	10.50
20x20x 8 "	13.50
24x24x 8 "	15.50
24x24x10 "	20.00

Violet Boxes. White and Violet Glaze.	Per 100
7x4x4	$2.50
8x5x5	4.00
10x6x5½	5.00
12x8x5½	6.00
Plain Violet	
7x4x4	1.75
10x6x5½	2.50
11x8x5½	3.50
Mist Gray	
7x4x4	2.50
8x5x5	2.75
10x6x5½	3.00
12x8x5½	3.50
Palm Green	
12x8x5½	3.50

All our Flower Boxes are made from Moisture-Proof Board.

No printing charges on lots of 300 or over. Special discounts allowed on quantity orders. Complete samples sent on application.

A. A. ARNOLD, 16-18-20-22 South Peoria Street, CHICAGO

Mention The Review when you write

LOUISVILLE, KY.

The Market.

Business for the last two weeks has been fairly good, although it might be a great deal better. There has been a good increase since the severe weather has been broken, and the local trade is looking for an even break from now on. Funeral work has not been rushing the retailers to any extent, but some nice orders were taken care of during the last fortnight. There has been nothing startling doing in society, although the demand for a few minor functions has been of some help to the business.

Stock of all kinds is a little more plentiful; roses are arriving in larger quantities and will be holding their own from now on. The supply of carnations is increasing daily, but a big percentage is coming split. The dark weather that we had the first part of the month, when the houses were covered with snow and ice for a week or more, no doubt is the cause of the trouble. Paper Whites and Romans are coming in more regularly and there are enough to go around, but stevia is about over with for this season. Jonquils are here, and both single and double ones are selling well.

Some few tulips are to be seen, but the quality is poor. Lilies are hard to get hold of. Some few sweet peas are in the market, but they are not selling so well as they should, as they are of good quality. Valley and violets are selling well, with the supply of the former a little ahead of demand. Orchids and gardenias are not at all in request, but the few Mrs. Ward roses that are to be had are as good as cash. This rose is becoming more popular as the season advances.

Green goods have been a little short of demand. In pot plants we are fairly well supplied with bulbous stock, cyclamens, primroses, azaleas, and a few lilacs and rhododendrons. K. T. R.

Savanna, Ill.—The Savanna Greenhouse Co. has been incorporated, with a capital of $20,000. The incorporators are Joseph W. Dunn, Franklin L. Bliss, W. W. Gillespie and Chesley M. Walter.



Your Best Customers

will be favorably impressed if you use Schultz cut flower and design boxes. Made with the best quality of card board for the best class of trade.

If you handle the best trade in your city you need Schultz boxes.

Made to your special order—any size, shape or design, lined or unlined.

Write for prices today—before the Easter rush.

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All Sizes — Lowest Prices

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MILWAUKEE, WIS.

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Cut Flower Boxes and Fiber Shipping Cases

It will pay you to get our samples and prices before ordering.
You will find our prices right.

THE J. E. SMITH CO., 6-8-10-12 North Central Avenue, BALTIMORE, MD.

Patent Applied For



SEFTON'S POTTED LIVE PLANT BOX

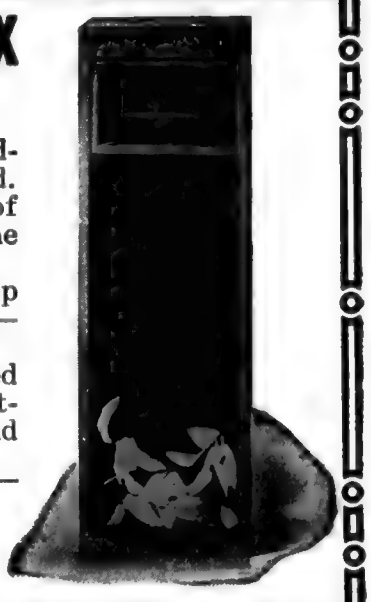
(MADE OF CORRUGATED FIBRE BOARD)
FROST PROOF

Designed to carry a live plant in absolute safety regardless of the position box is placed in or how roughly handled.

Whether right side up or up side down, the weight of the pot and earth rests on the inner construction of the box and cannot in any way injure the plant.

Used for express shipments and city deliveries. Ship Winter or Summer in safety. A new field open to florists—develop a mail order business.

These boxes are made in any size to fit different sized pots as well as different lengths of plants. When requesting prices, furnish us with outside dimensions of pot and length of plant above pot.



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Order Boxes Now

for your Spring Trade. They will pay for themselves in saving of time and material, and your shipments will be delivered to your customers in perfect condition.

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Illinois Self-Watering Flower Boxes

are gaining popularity every day. Send for our booklet and learn about a proposition that every live florist should understand.

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EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

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H. & D. FLORISTS' BOX

Universally used for shipping cut flowers and designs. The dead-air cells form a perfect nonconductor of heat and cold, thus preserving contents much longer than ordinary wood box.

H. & D. Florists' Box can be used several times. Is much lighter than the ordinary box, thus saving in express charges.

Write for Catalogue
"HOW TO PACK IT"

THE HINDE & DAUCH PAPER CO., Sandusky, O.

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Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$1.90 per 100
No. 1	3x4½x16	1.75 per 100
No. 2	3x6x18	2.25 per 100
No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x28	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x20	6.25 per 100
No. 11	8½x5x30	8.25 per 100
No. 12	6x12x39 (telescope)	10.00 per 100
No. 13	5x10x30	5.50 per 100
No. 14	6x16x39	10.00 per 100

This list will cancel all former lists.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

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COLUMBUS, OHIO

Always mention the Florists' Review when writing advertisers.



CLIMAX CLASSY CUT FLOWER BOXES

Five Grades—Oxford Gray, Mist Green, Nonpareil Green, White Carnation and our popular "Favorite Grade"—the latter a heavy, full telescope shipping box. All popular sizes in stock for immediate shipment. Before placing order, it will pay you to write for prices and samples. Address

THE CLIMAX MANUFACTURING CO.
200 Factory St., CASTORLAND, N. Y.

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VIOLETS

CUT BLOOMS—NOW AT THEIR PRIME

SPECIAL PRICE:
85c per doz. bunches, in lots of 5 doz.
Less quantity, $1.00 per doz. bunches.
F. O. B. San Francisco.

I am the pioneer and largest shipper. I have a special GIANT variety, single, dark purple, a wonderful keeper. Am now shipping regularly to florists in Omaha, Kansas City, etc., and not a box has arrived in bad condition. Have shipped successfully to New York. **Order a trial shipment.**

MRS. R. E. DARBEE,
1974 Bush St., San Francisco, Cal.

Mention The Review when you write.

PACIFIC COAST.

SAN FRANCISCO.

The Market.

We are being treated to a few much needed showers, and from present indications they will stay with us for some time. For the first time since the holidays, stock is showing a decided tendency to become lower in price. This applies practically to everything, with the possible exception of fancy roses. These, on account of the absence of sunshine, are neither up to quality nor quantity. Medium grades, however, are considerably cheaper than they have been. Carnations are plentiful also, and we can look for still greater reductions in a few days.

Violets are the popular flowers at present and they are now at their best. Outside narcissi and daffodils are to be had in any quantity and at almost any price. All the early and medium varieties were held back by the cold weather of a few weeks ago, and, now that the warm rains are here, they are blooming most profusely. Valley and freesias do not sell as well as they did and the same can be said of Lilium Harrisii. Fruit blossoms of half a dozen kinds are in good supply and are being used largely for window decorations. A few late Bonnaffon mums are seen, but they have lost their hold on the public and are only seen in cheap bouquets. As to other lines of stock, there is little comment to make except with reference to the general downward tendency in prices.

Various Notes.

The MacRorie-McLaren Co. is receiving large quantities of hardy ornamental stock from Europe.

N. Rolleri has moved his retail establishment to the south side of Twelfth street, near the corner of Webster street, Oakland.

Domoto Bros., of Elmhurst, report the burglarizing of their office on the evening of January 20. About $50 was secured by the thieves.

Geo. E. Meyer is on a three weeks' trip to Portland, Ore., and vicinity.

G.

PORTLAND, ORE.

The Market.

Business last week was up to the standard; just sufficient to keep the stock moving nicely. With the advance of spring, stock along all lines becomes more plentiful, carnations in particular. Enchantress is fast losing its redeeming qualities, color and durability, and the perplexing question of the growers is: "What will take its place and give the satisfaction that Enchantress has given?" Apparently Pink Delight bids fair to be a good substitute.

Roses have been in heavy cut for some time, but are gradually shortening up. Lilies, tulips, Romans, daffodils and bouvardia are coming in nicely.

Various Notes.

Dan Lubliner has a bad case of blood poisoning. His finger became infected from a thorn and he has been laid up for several weeks.

S. W. Walker, 194 East Thirty-third street, recently completed a couple of houses, which will be devoted to vegetables and miscellaneous stock.

The Meier & Frank department store recently put in a plant department and reports business so far quite satisfactory.

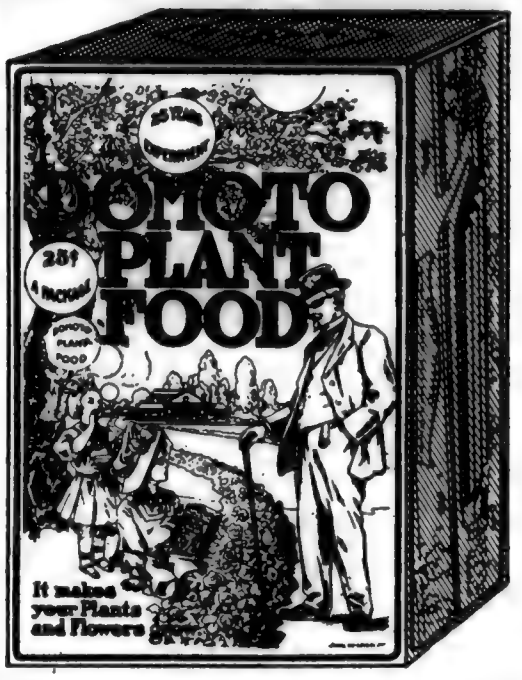
Max Smith has a large batch of Romans and daffodils in pans, and by running special sales moves surprising amounts daily.

E. R. C.

TACOMA, WASH.

The Market.

The last week was an unusual one for this time of the year, as we had an entire week of sunshine, with no cold nights to speak of. Funeral work has cleaned up the poorer grades of stock, and, with the graduation exercises coming on, there are prospects of good business. Roses are scarce and the home-grown article is not to be seen. Carna-



What Is It?

ビリヤウ

It is a vegetable fertilizer.
It is absolutely odorless.
For potted plants, lawns and gardens.
25c per package.
Distributors wanted in each state. Write for particulars.

North American Mercantile Co.
318-320 Front Street
San Francisco, California

Mention The Review when you write.

Direct Importations---Tree Fern Stems

Due to arrive in the early spring of 1912.
The grandest and most graceful of all decorative plants.

Alsophila robusta, Dicksonia Antarctica, Dicksonia squarrosa, Cyathea medullaris, Cyathea dealbata, Cyathea Smithii Cyathea Cunninghami.

All sizes from three feet up.

We will also receive specimen plants of Platyceriums and Todeas,

Prices and particulars on application.

MacRORIE-McLAREN COMPANY

711-714 Westbank Bldg., SAN FRANCISCO, CAL. Nurseries, SAN MATEO, CAL.

Mention The Review when you write.

Carnation Rooted Cuttings For February and March Delivery.

Beacon, Enchantress, Lawson, Estelle, Winsor, $2.00 per 100; $17.50 per 1000. Dorothy Gordon, $3.00 per 100; $25.00 per 1000. Victory, White Perfection, Rose-pink Enchantress, $2.50 per 100; $20.00 per 1000. Healthiest, cleanest plants you can find on Pacific coast. No cuttings taken from outdoor stock.

ASPARAGUS PLUMOSUS NANUS

2½-inch pots, from flats, ready for 3-inch pots.....per 100, $2.50; per 1000, $20.00

PANSY PLANTS, Henry Mette's Triumph of Giant, per 1000, $5.00.

Express charges prepaid on orders amounting to $10.00 or more. All orders must be accompanied by cash.

H. HAYASHI & CO., 73rd Avenue and Thomas Street, **Elmhurst, Cal.**

Mention The Review when you write.

Asparagus Plumosus and Sprengeri

Out of 2-inch pots, $3.00 per 100.

Phoenix Canariensis, out of 2½-inch pots, $5.00 per 100.

Washingtonia Sonorae, out of 2-inch pots, $5.00 per 100.

H. KEMPF, Pacific Nursery

3041 Baker St., SAN FRANCISCO, CAL.

Mention The Review when you write.

A Few Bargains, on roses, carnations, chrysanthemums and general line of bedding stock.
S. A. Nutt Geraniums, 2½-in., strong, 3c.
Mme. Salleroi, R. C., 1c.
Petunia, double, R. C., 2c.; **single**, 1c.
German Giant Pansies, Mette's Triumph, the Giants, Mme. Perret, Masterpiece, Five Blotched, Cassier and many others, $3.00 per 1000. Act quickly, as they will not last long at this price.
Send for Price List.
F. G. EHLE, 224 Sanborn Ave. SAN JOSE, CAL.
Mention The Review when you write.

CURRIER BULB CO.
Wholesale Growers of
Bulbs and Plants
SEABRIGHT, CAL.
Gladiolus and Calla Lilies a specialty. Large stock of America Gladiolus.
Mention The Review when you write.

CARNATION SPECIALISTS
California Carnation Co.
LOOMIS, CAL.
Mention The Review when you write.

tions are of excellent quality and are now becoming more plentiful. Hyacinths, tulips, daffodils, etc., have now made their appearance and help to fill in where other stock can not be had.

Some of the growers are experimenting in the forcing of their own native bulbs and report good success with them. Bulbs grown here can be forced much earlier than the imported stock and, while no one has cared to test this to any great extent, the next few years will probably see great things done along this line. The government has already done some experimenting in the matter, but, unfortunately, little record was kept of the results obtained.

The Visitors from Seattle.

Thursday, January 18, the day set for the Seattle florists' return visit to Tacoma, was a bright day in more ways than one. The day was all that could be asked for and the visitors were certainly in accord with the weather. They were met at the train by the committee having their entertainment in charge, and were taken directly to the place of Van Slyke & Seamons, where an hour or more was spent in sizing up the stock and discussing some of the new varieties of carnations being tried out there. From there they were taken to the city, where a general round-up of the local florists was made.

After dinner the stores of the California Florists and the Smith Floral Co. were visited. Louis Tschunko was the next in line, and here everything was found in fine condition. The Northwestern Floral Co., H. W. Manike and A. A. Hinz were next visited, after which we all assembled at the bowling alleys for the big event of the day, the long looked for bowling game.

The Seattle people have said they delayed the game to give us time to practice and, judging from the results, we must have put in the time faithfully, for the way we took the Seattle team down the line was not slow. In the second game the visiting team showed considerable class, and Holze, the captain, came up strongly, but Hinz, the Tacoma star, beat him out by one pin. The scores will be found on another page of The Review, under the head of "Bowling."

CARNATION CUTTINGS

ROOTED OR UNROOTED.	100	1,000	Unrooted 1,000
Enchantress	$2.50	$20.00	$10.00
R. P. Enchantress	2.00	18.00	10.00
White Enchantress	2.50	20.00	10.00
Washington	6.00	50.00	37.50
Pink Delight	3.00	25.00	....
White Wonder	6.00	50.00	37.50
Princess Charming	6.00	50.00	37.50
Dorothy Gordon	3.00	25.00	12.50
White Perfection	2.50	20.00	10.00
Beacon	2.00	17.50	10.00
Victory	2.00	17.50	10.00
Harlowarden	1.75	15.00	8.00
Alma Ward	2.50	22.50	11.50
Admiration	2.00	18.00	9.00

Twenty-five or more at 100 rate, 250 at 1000 rate. We prepay on orders amounting to $10.00 or more for rooted cuttings. All orders for unrooted cuttings F. O. B. Loomis.
LOOMIS CARNATION CO., D. F. RODDAN & SON, Props. Loomis, Placer Co., Cal.
Mention The Review when you write.

Los Angeles Flower Market
CHAS. E. MORTON, Mgr. 414½ S. Broadway, Los Angeles, Cal.
The best equipped wholesale house on the Pacific Coast. Handling the entire cut from eighteen large growers. Roses, Carnations, Violets, Plumosus, Ferns, Smilax, in fact everything in season.
FLORISTS' SUPPLIES
Write, telegraph or telephone your orders. Prompt attention given.
Mention The Review when you write.

Rooted Carnation Cuttings READY NOW

	Per 100	1000		Per 100	1000
Enchantress	$2.00	$18.00	Winsor	$2.00	$18.00
R. P. Enchantress	2.00	18.00	Winona	2.00	18.00
Pure White Enchantress	2.25	20.00	Beacon	2.00	18.00
Dorothy Gordon	3.00	25.00	Victory	2.00	18.00
Pink Delight	3.00	25.00	Eldorado	2.00	18.00

Express prepaid on orders amounting to $10.00 or more.
BASSETT'S FLORAL GARDENS, B. S. BASSETT, Proprietor LOOMIS, CAL.
Mention The Review when you write.

Rooted Carnation Cuttings Immediate Delivery

	100	1000		100	1000
Rose-pink Enchantress	$2.00	$18.00	Eldorado	$1.80	$17.00
Enchantress	1.80	17.00	Victory	1.80	17.00
W. Enchantress	2.00	18.00	Winona	1.70	16.00
Beacon	1.80	17.00	W. Perfection	2.50	20.00
Harlowarden	1.70	16.00	O. P. Bassett	2.50	20.00
White Lawson	1.80	17.00	Winsor	2.00	18.00

All heel cuttings and well rooted. FALLEN LEAF GREENHOUSES, Roseville, Cal.
Mention The Review when you write.

CARNATIONS
ROOTED CUTTINGS
Enchantress, R. P. Enchantress, Winsor, O. P. Bassett, Victory, May Day, Boston Market, Eldorado, Harlowarden, Flora Hill, $18.00 per 1000.
Pink Delight, $25.00 per 1000.
El Durasno Flower Co., Newcastle, Cal.
L. A. SMITH, Manager
Mention The Review when you write.

PALMS PALMS PALMS PALMS PALMS
WASHINGTONIA ROBUSTA
1, 1½, 2, 2½, 3 and 3½ ft., at 25c, 30c, 40c, 45c, 55c and 75c each (balled plants). Ask for our Wholesale Palm List of all kinds of Palms (Cocos, Phoenix, Seaforthia, etc.) State quantity wanted.
EXOTIC NURSERIES, Santa Barbara, Cal.
PALMS PALMS
Mention The Review when you write.

After the bowling, a general meeting was called at the club's rooms, where many interesting topics came up for discussion. When the meeting had been adjourned, refreshments were

SHASTA DAISIES
Alaska, California and **Westralia**, extra strong field divisions, $24.00 per 1000; $2.50 per 100.
Cyclamen Persicum Giganteum, 3, 4 and 5-in. pots, $7.00, $12.00 and $20.00 per 100. Fine bushy plants, well budded.
Asparagus Plumosus, 3-in., $5.00 per 100.
Asparagus Sprengeri, 3, 4 and 5-in. pots, $5.00, $8.00 and $15.00 per 100.
Also **Shasta Daisy, Pentstemon Hybridum Grandiflorum, Delphinium Hybridum** and other choice seeds. Send for list.
Cash, please.
FRED GROHE, Santa Rosa, Cal.
R. D. 4.

BARGAIN PRICES
Selling out all nursery stock except Kentias. **Areca Sapida**, potted, 2, 2½, 3, 3½, 4, 4½, 5, 5½-feet, at $1.20, $1.40, $1.80, $2.30, $2.90, $3.50, $4.20, $4.80 each. **Phoenix Canariensis**, balled and ready for shipment, 3, 3½, 4, 4½, 5, 5½-feet, at 60c, 80c $1.00, $1.20, $1.45, $1.75 each. **Phoenix Can.**, from 2½-inch, $5.00 per 100. **Washingtonia Rob.**, from 2-inch, $4.50 per 100. **Cocos Plumosa**, balled, 3, 4, 5, 6, 7 feet, at $1.50 $2.00, $3.00, $4.50, $6.00 each.
Write for special prices on carload orders.
Kentia Nurseries, - Santa Barbara, Cal.

served and a social evening was spent. Everyone enjoyed the day to the limit, and we can heartily and sincerely say to the Seattle boys, "Come again and come oftener."

Various Notes.

Ben Betton, of the Fern Hill Greenhouses, is erecting two new houses. His place has been entirely remodeled during the last year.

Louis Tschunko has an exceptionally fine lot of calla lilies.

Van Slyke & Seamons are erecting a propagating house. J. L. S.

LOS ANGELES, CAL.

The Market.

During the last week a rather unusual condition developed, for good stock was more difficult to dispose of than shorter, less valuable grades. This may be accounted for by the large amount of funeral work called for and the scarcity of good decorative orders. The stock itself is of good quality generally. Some of the worst carnations ever seen in this market have been sent in, but these by no means constitute the bulk of the stock. There have been quite enough really good flowers to go around and the best of them might be classed as pretty nearly first-rate. Enchantress and White Enchantress have been the best.

The dry weather has suited the outdoor flowers exactly and the stock from irrigated land is fine. Sweet peas, stocks, sweet sultan and irises in variety are the best of the spring flowers outside of bulbous stock, in which the Dutch hyacinths and various narcissi have the lead. Violets are plentiful everywhere and of fair quality. Orchids have been more plentiful than ever before in the history of Los Angeles and at times something quite like a glut developed. The northern flowers are coming of better quality than formerly and there have also been a good many local-grown cattleyas. Roses are running about equal to the demand, the chief call being for short to medium lengths. Some local-grown Killarneys show signs of mildew and are not as good in color as they were a week or two ago. Asparagus and smilax strings are plentiful, but bunch goods have at times been scarce.

Various Notes.

Two new rose houses, each 27 x 300 feet, are to be added to the Wright's Flower Shop plant this season. "Then I'm going to quit," says Tom Wright. That's what they all say.

Geo. C. Watson is a stickler for the carnations raised by Peter Fisher and claims they are best for southern California. Pink and White Enchantress and Victory are his standbys. Mr. Watson's stock is in grand shape now and there are certainly no better carnations coming to this market. There are 65,000 plants of these varieties.

While not a large place as places go, the Superior Nursery, run by C. F. Gutting, is one of those tidy, well kept places that it is a pleasure to visit, and he turns out a lot of stock. The houses in which the stock of Boston ferns and flowering plants was depleted at Christmas are again full of young, healthy stock, including vegetable plants, and everything shows that the best of care is given.

ASPARAGUS PLUMOSUS NANUS SEED

Season 1911—1912.

Ready NOW--our own grown new crop seed

In Lots of 1,000	per 1000, $2.50
In Lots of 10,000	per 1000, 2.00
In Lots of 20,000	per 1000, 1.75
In Lots of 50,000	per 1000, 1.50

Write for quotations on larger lots.

Los Angeles Flower Market, 414½ South Broadway LOS ANGELES, CAL.

Mention The Review when you write.

Sweet Peas For Northern Shipments

also fine assorted Stocks, Gilliflowers and Sweet Sultans — lavender and white.

Cut Flowers, Greens and Florists' Supplies

SAN FRANCISCO DEALERS PLEASE NOTE: Orders booked now for new crop seed when ready. Asparagus Plumosus, $2.00 per 1000. Asparagus Sprengeri (ready now), 50c per 1000; $3.00 per lb. Small quantity of Smilax seed left, 1911 crop, cheap to clear.

H. N. GAGE CO., Wholesale Florists and Supplies, 534 SOUTH BROADWAY, LOS ANGELES, CAL.

Mention The Review when you write.

CUT ROSES OF QUALITY
Every Day in the Year.

DIETERICH & TURNER
MONTEBELLO, CAL.
THE PROGRESSIVE FIRM

Mention The Review when you write.

MEXICAN IVY Best and Most Lasting Green

Prices f. o. b. Los Angeles or Santa Cruz, Cal.

Mexican Ivy	1000,	$5.00	All Classes of
Brake Ferns	1000,	2.50	Greens and Cut Flowers
Smilax Strings,	doz.,	1.50	
Asp. Plumosus.	doz.,	3.50	
Huckleberry,	bunch,	.50	Cash from unknown parties

Tassano Bros. 356 S. Hill St., 304 W. 9th St., Wholesale Florists LOS ANGELES, CAL.

Mention The Review when you write

J. A. Bauer Pottery Co.

415 to 421 Avenue 33, Los Angeles, Cal.

Carry a large stock of nice **Red Pots.**
All orders shipped promptly.

Largest Pottery on Pacific Coast.

Mention The Review when you write.

STANDARD POTTERY CO.

652-4 S. Griffin Ave., Los Angeles, Cal.

West India Gardens, Altadena, Cal.

Standard Pottery Co., Dear Sirs:—You have now delivered us about 34,000 4-in. pots out of the order for 40,000 we placed with you. Same have been entirely satisfactory. As soon as you have completed the order for 40,000, deliver us two good loads more of 4-in. pots, or about 4000 or 5000, then hold till further advices. We shall probably want 5000 to 7000 more.

(Signed) F. O. Popenoe, President.

Flower Pots, Vases and Ornamental Ware For Florists' Use Only.

Mention The Review when you write.

HOWARD & SMITH

Ninth and Olive Sts., Los Angeles, Cal.

For all classes of
Ornamental and Flowering Plants

Roses a Leading Specialty

Nurseries cover nearly 100 acres.

Asparagus Sprengeri

Cut Sprays, 2 to 4 feet long,
$1.00 - per 100

Walter Armacost

OCEAN PARK :: CAL.

Mention The Review when you write.

Anyone who wishes to become acquainted with rare tropical fruits and other plants should pay H. Hehre a visit, out at 5623 Central avenue. If his plans materialize for the botanical garden he has in view out at Palm and Michigan avenues, this will surely be an interesting place to visit in the near future.

Adolph Scheffler has a grand lot of pansies this season.

While doubtless some of the palms were crowded in Eastlake park, one hardly expected the wholesale slaughter of fine washingtonias that has taken place, and to remove trees and shrubbery on the south side of the park, to open up a vista comprising paper mills and other factories, can hardly be called an improvement. It is said that a number of the large palms not yet cut down and burned are to be donated to a local nurseryman, to be used by him in his landscape work. If there is no place for them in the parks, this is a much better plan than destroying these fine specimens. "It's an ill wind," etc.

Paul Stieger, of Stieger & Mundwiler, who recently bought out the old Haussmann place at 1940 West Twenty-second street, says he is well satisfied with the trade that has come their way so far. The place is greatly improved in appearance already and fine stock is being grown. The holiday business was extremely good here.

Mrs. Thon, of the Pico Heights Nursery, is one of the pioneers in the business, having been at it for twenty-five years. George Thon, who was born on

SURPLUS STOCK

50 A-1 Calceolaria, 2½-in.....4 c each
50 Primrose Malacoides.....5 c each
500 Mixed Bedding Geraniums, 3-in..3 c each
200 Asparagus Plumosus Seedlings ..2½c each
300 Asparagus Sprengeri Seedlings ..2 c each
Satisfaction guaranteed

SUNNYSIDE GREENHOUSES, Cottage Grove, Ore.

Mention The Review when you write.

"HIGHEST QUALITY"
Seeds, Plants, Bulbs and Supplies
Florists' and Gardeners' Trade solicited.
Catalogue on request.
Routledge Seed & Floral Co.
169 SECOND ST., PORTLAND, ORE.
Mention The Review when you write.

the place, now runs it and his stock in the greenhouses is a credit to him.

Amy B. Weare, of the Hillcrest Nursery, has, among other high-grade stock, a batch of 3,000 healthy looking Lilium giganteum coming along in fine shape for Easter. Will Weare has just supplied 250 feet of window boxes, filled with pink geraniums, to the Sperry flour mills. This is a promising sign, which the writer was glad to note.

A broader smile than usual graced the classic features of O. C. Saakes around about January 18. Yes, that's the answer; the boy weighed ten pounds. Mr. Saakes says his bulb stock is looking well at the ranch, but needed rain.

A magnificent specimen of Cattleya Trianæ, with upward of sixty flowers open, is a great attraction just now at the Angelus Flower Store. W. Wolters returned from San Francisco January 22.

Business keeps up well at the Los Angeles Flower Market and a fine grade of roses is being handled. C. Morton looks forward to immense shipments of bulbous stock this year, the vanguard of which is arriving.

Big orders for flower pots continue to arrive at the modern $50,000 plant of the J. A. Bauer Pottery Co. On our last visit a carload was just being dispatched south and other large orders were being worked on. The company's list shows a wide assortment of designs, many of an ornate character.

The new Bougainvillea rosa Catalina is now in flower at the Dieterich & Turner greenhouses at Montebello. It is a beautiful variety, totally distinct from all others. The habit is good and the flowers are large and of a delightful pink shade, a good deal like that of Begonia Gloire de Lorraine.

Dutch hyacinths and daffodils are among the offerings of outdoor flowers at the establishment of the H. N. Gage Co. There is also a wide assortment of spring flowers. Greens are coming in good shape from the Signal Hill place and Mr. Gage reports that shipping business is good.

The G. N. Creutz Co. will shortly move to a new location. Mr. Creutz has several places under consideration, but has not as yet decided on one. Business is good here and stock plentiful.

Frank Lichtenberg, of Thee Florists, has been kept on the run with decorations and funeral work. Further alterations in the store are planned for the near future.

John Polder, of the Dieterich & Turner staff, and C. J. Groen, recently with Howard & Smith, have purchased ten acres of land near Newmark and intend growing outdoor flowers for the market at present. They will later build glass. Both men are young and energetic and we wish them every success. H. R. Richards.

Capt. F. Edward Gray states that he has resumed control of the Ingleside Floral Co., having purchased the stock of A. W. and H. D. Ross. Capt. Gray is not so young as he once was, but he is on deck all the same and proposes to make more business than ever.

SEATTLE, WASH.

The Market.

Business was pretty good last week, with all sorts of cut flowers in good supply and meeting with a fair demand. Carnations are now plentiful and in good condition, except that in some cases the stems are weak, owing to their having been grown a few degrees too warm. Roses are in demand and there is not an overabundance of good stock on the market. Violets, callas and bulbous stock are moving in good quan-

[Concluded on page 54.]

CHRYSANTHEMUM STOCK PLANTS

WHITE	Per plant
Mrs. David Syme	$1.00

Other Varieties	Per doz.	100
W. Oct. Frost	$0.60	$4.00
White Cloud	.60	4.00
Ivory	.60	4.00
Virginia Poehlmann	.60	4.00
Touset	.60	4.00
Alice Byron	.60	4.00
W. Eaton	.60	4.00
W. Chadwick	.60	4.00
Jeanne Nonin	.60	4.00

YELLOW	Per doz.	100
Yellow Oct. Frost	$0.75	$5.00
Oct. Sunshine	.60	4.00
Halliday	.60	4.00
Yellow Ivory	.75	5.00
Golden Chadwick	.60	4.00
PINK		
Pink Ivory	.60	4.00
Balfour	.60	4.00
Dr. Enguehard	.60	4.00
Maud Dean	.60	4.00
BRONZE		
Fancy Bronze	.75	5.00

ROOTED CARNATION CUTTINGS

	R. C. 100	R. C. 1000	2½-in. pots 100	2½-in. pots 1000
Enchantress	$2.50	$20.00	$3.50	$30.00
White Enchantress	2.50	20.00	3.50	30.00
Winsor	2.50	20.00	3.50	30.00
Harlowarden	2.50	20.00	3.50	30.00
Beacon	3.00	25.00	4.00	35.00

Woodland Park Floral Co.
S. POOLMAN, Mgr. P. O. Lock Box 86. SUMNER, WASH. Phone Farmers 84.
Mention The Review when you write.

GROWING THE BEST ASTERS

In GROWING THE BEST ASTERS the most important thing is **quality,** and Central Yamhill County being the natural home of the aster, the seed we produce is equal to the best. **Cut flowers** grown **from our seed** take **first prize** at **State Fair** in 1911.

	⅛ oz.	¼ oz.	½ oz.	1 oz.
Crego Aster, in white, shell-pink, rose-pink, lavender and purple	$0.40	$0.75	$1.50	$3.00
Vick's Mikado Pink "Rochester," a lavender-pink	.40	.75	1.50	3.00
Daybreak and **Purity,** delicate pink and snow white	.30	.55	1.10	2.00
Lady Roosevelt, bright pink	.25	.50	.70	1.00
Dreer's Superb Late Branching, in five colors of Crego	.25	.50	.70	1.00

Ask for descriptive circular. Send cash with order.

HERBERT & FLEISHAUER, Aster Specialists, McMINNVILLE, ORE.
Mention The Review when you write.

Japanese Genuine Lily Bulbs

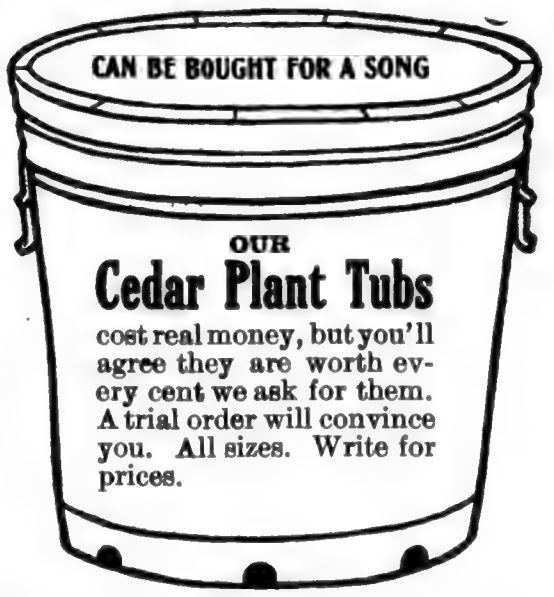
We book orders now. Don't miss it. The stock we offer is grown for American trade and strictly choice, high-grade. Write for price list for 1912. Specialists in all kinds of Japanese Lily Bulbs.

S. MIYAKE & CO., 1020 Main St., SEATTLE, WASH.
Mention The Review when you write.

BURNS FLORAL CO.
601 Third Avenue
SEATTLE, WASH.
WHOLESALE FLORISTS
Carnations a Specialty
Mention The Review when you write.

RAHN & HERBERT
110 E. 49th St., PORTLAND, ORE.
GERANIUMS
2-in. pots. Hill, Nutt, Jacquerie, Trego, Chapatin, Landry, Buchner, $3.00 per 100; $25.00 per 1000. Hall Caine, $5.00 per 100. Ivy Geranium, Baden Powell, Charles Turner, Ryecroft's Surprise, $3.50 per 100. Daisy, Mrs. Sander and Soleil d' Or, 2-in. pots, $5.00 per 100.
Palms, Ferns and Araucarias.
Mention The Review when you write.

SOME TUBS



PATTON WOODEN WARE CO.
SEATTLE, WASH.
Mention The Review when you write.

Choice Cyclamen, grown cool, full of blooms 4-in., 65c, 75c; 5-in., 50c, 60c. **Sprengeri and Plumosus Nanus,** 3-in., $6.00 100. **Geraniums,** 3-in., $5.00 100. **Carnations,** March delivery: Beacon, $25.00 1000; Perfection, White and Pink Enchantress, Sangamo, Alma Ward, $20.00 1000. **Mum Stock,** standard varieties, $4.00 100. Smith's Advance, Gloria, Sieowath, Donatello, Patty, Polypheme, Western King, $5.00 100. **Two-year-old Rose Bushes, Perennials, etc.**

Van Slyke & Seamons, Tacoma, Wash.
Mention The Review when you write.

ORDER NOW Some of Our ST

CATTLEYAS

Our crop of Orchids not only is heavy now, but the supply will continue large all through the season. Our Cattleyas should not be confounded with the ordinary stock found in the cut flower markets—**it is much finer** than what is ordinarily offered. Splendid, large flowers, highly colored—a quite superior quality. And we have quantity. No order too large for us to fill and none too small to receive our careful attention. **Order now for St. Valentine's Day.**

Carnations

We handle more Carnations than any other house in the West and do a very large shipping business with them because **the buyers know our stock will carry.** Shipments made daily all over the country. If you are not quite satisfied with the stock you are getting, or the prices you are charged, it will pay you to write us about it.

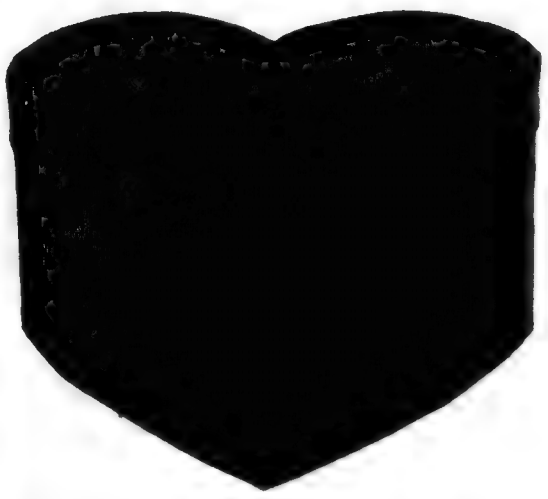
WHITE

The only supply in stock. Can furnish a orders as early as yo ers pick this stock u

FANCY

This is Purity, the lo Freesia, and it is fin not be able to get along

CHICAGO'S GREAT MAIL



Red Heart-Shaped Boxes

A winner line last year. For Valentine Violets.

	Each	Per doz.
To contain 50 violets	$0.15	$1.80
To contain 100 violets	.20	2.40
To contain 200 violets	.25	3.00

Inexpensive Violet Boxes

Color a perfect violet shade. These are folding boxes, and when made up make very neat and strong boxes.

Size	Per 100
2¾x6½x3¾	$2.00
3½x8x4	2.20
5x9x6	3.20
5½x11x8	4.40

Duplex Folding Violet Boxes

Made from heavy cardboard with violet colored waterproof enameled paper on outside and Fern Green felt inside. A handsome bunch of Violets in five colors printed on covers.

Size	Per 100
7x4x3½	$3.75
8x5x4½	5.00
10x6x5½	6.00
12x8x5½	7.00

Special Sweet Pea Boxes

Size	Per 100
White—12x8x5½	$3.85
Green—12x8x5½	3.40
Green— 5x9x6	3.00

Ribbons and Chiffons

Our ribbons are real Florists' ribbons. Not ribbons bought haphazard. They are specially manufactured according to our own ideas; in other words, according to the ideas of men thoroughly familiar with florists' requirements and needs. With our extensive experience in practical work you can rely on securing perfect matches, high luster effects, close woven goods of exceptional quality. Our Ribbon and Chiffon department has received more than ordinary attention, and we point to it as our Pride Line. Our stocks represent a selection based on a fine judgment and taste. We are so sure our Ribbons and Chiffons are the best that money will buy that we will ship anywhere, to responsible buyers, on approval. Order from our catalogue, or just write us what you need. If the goods don't suit, ship them back at once at our expense. This has long been our standing offer, **but no goods ever come back.**

Special! Prepared Foliage

Oak Branches. A great seller to the decorators. Green, 50c per lb.

Beech Sprays. Short bronze beech sprays, fine for designs, 35c per lb.

MAGNOLI

Special this week

$1.50

per hamper

Green or Bronze



This is a special offer that every flo the instant. We are willing to stake o Probably all users of this now indispens qualities as there are salesmen, but **there these**—money won't buy better. We a most critical trade. Average 1000 leaves you that we will ship anywhere on appro want to—but you won't.

SPECIAL—We want to hear from year. For these we have a very special o all at once. Will make deliveries as wan

Special Offer—Free Wire Designs

Extended to February 10—not later

In addition to our regular catalogue discounts, we will give with every order for Wire Designs amounting to $30.00 or over, $5.00 worth of designs free of charge. You can select whatever designs you please for this $5.00.

Consult our General Catalogue for complete list of designs.

Mention this Special Offer when you write.

Our Wire Department is composed of thoroughly competent help. It is one of our exhibit departments and has during the last few years acquired a country-wide reputation for neat, skillful work.

A. L. Ran

Everything for Florists

L. D. Phone, Central 1496
Private Exchange all Departme

VALENTINE'S SPECIALTIES

LILAC

West. Extra fine
50 per bunch. Send
n. The local buy-
sight.

REESIA

temmed, pure white
Once tried, you will
h the common kind.

Lilies

Giganteum, Rubrum, Auratum—These are fine Lilies and just what you want for a dozen different uses. There is no flower now in market that makes as big a show for the money as these Giganteums do. We can supply in thousand lots as easily as by the dozen. Glad to quote special prices on quantities. Order a regular shipment, weekly or oftener.

VIOLETS

Orders now being booked for St. Valentine's Day. Remember the way the business has been growing the last few years and order enough.

New York Doubles, $7.50 to $10.00 per 1000.

Princess of Wales, extra fancy, long-stemmed, 50 in a bunch, offered subject to the supply being booked up, at $1.25 per 100.

Singles, ordinary good stock, 25 in a bunch, $5.00 to $7.50 per 1000.

You can use in quantity at these prices. Order enough.

ORDER SUPPLY HOUSE

LEAVES



Special this week

$1.50

per hamper

Green or Bronze

who makes designs ought to snap up on reputation on the quality of this stock. article know that there are as many **re no finer Magnolia Leaves than** elling them to the largest users and the hamper. We are so sure they will suit —send them back at our expense if you

yers who can use 50 hampers or more a ract proposition. Not necessary to ship Write today. **There's money in it.**

Lacettes or Handkerchiefs

Nothing gives a bunch of violets or sweet peas a more graceful appearance than one of these dainty Lacettes. Ours are best quality, not too flimsy. White, pink and lavender.

	Per doz.
13x13	$1.25
15x15	1.50
12½x18½	1.75

Violet Cord and Ribbon Ties

	Doz.	Gross
Satin taffeta No. 7 ribbon, with bow and tassel,	$2.00	$21.00
Satin taffeta No. 7 ribbon, with double bow	2.00	21.00
Satin taffeta No. 7 ribbon, with tassel	1.50	16.00
Satin taffeta No. 5 ribbon, with tassel	.75	8.50
Louisine ribbon No. 7, with bow and tassel	2.00	21.00
Louisine ribbon No. 7, with double bow	2.00	21.00
Louisine ribbon No. 9, with double bow	3.00	33.00
Louisine ribbon No. 9, with bow and tassel	3.00	33.00
Favorite ribbon No. 5, with bow	1.50	16.00
Favorite ribbon No. 5, with tassel	1.25	13.00
Favorite ribbon No. 9, with bow and tassel	2.50	21.00
Gauze ribbon No. 5, with bow	.75	8.50
Gauze ribbon No. 2, with bow	.65	7.50

The above made in the following colors: Violet, valley, orchid, Killarney, violet-and-green, etc.

Violet Cords

	Doz.	Gross
No. 1 Card Ties	$0.30	$3.00
No. 1 Violet Ties	.35	3.75
No. 2 Violet Ties	.65	6.50
No. 11 Rope Ties	1.00	11.00

Colors as follows: Green, violet, pink, white, etc.

Order an assortment of these Cords and Ribbon Ties, to amount to $5.00, $10.00, $15.00, $25.00 or up. We guarantee to please you or you can return the goods at our expense.



Corsage Shields

Violet, Killarney, Orchid and White

Per dozen ..... $ 3.50
Per gross 36.00

Violet and Green Foil

Light and Dark Shades



Per lb. ..... $0.35 10 lbs ..... $ 2.50
3 lbs ..... 1.00 100 lbs 18.00

ol. White Killarney Rose Plants

(Budlong Strain)

This is a rose every grower will plant soon- or later. Order now and be among the ders.

Own Root—Each, 75c; doz., $6.00; per 25, .00; per 50, $16.00; per 100, $25.00; per , $60.00; per 1000, $200.00.

Grafted—Each, 75c; doz., $7.50; per 25, 2.50; per 50, $18.00; per 100, $30.00; per , $70.00; per 1000, $250.00; per 2500, 00.00; per 5000, $1100.00.

Smith's Advance Chrysanthemum

Every grower who has found a profit in Golden Glow mums will want to try

SMITH'S ADVANCE

the earliest white. We are supplying stock from a grower who made a great success with it. 2-in. pots, $1.25 per doz., $10.00 per 100.

GROWERS:—Write us about your needs in Carnation Cuttings. Our connections with the best growers everywhere make it possible for us to supply stock of best quality.

ndall Co.

66 E. Randolph St., CHICAGO

St. Patrick's Carnation Fluid

Directions for Use.

To get the best results put the stems of flowers in about 2 inches of fluid, leaving them there about 30 minutes. After taking them out of the fluid put them right in water for about two hours, which has a tendency of forcing the fluid up to the bloom and making that pretty shade of green.

Pint.....**50c** **Quart**.....**$1.00**

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Leonard H. Vaughan, Chicago; First Vice-Pres., M. H. Duryea, New York City; Sec'y and Treas., C. E. Kendel, Cleveland, O.
Thirtieth annual convention, Chicago, June 25 to 1912.

THE Haven Seed Co., Santa Ana, Cal., wrote January 22: "No rains here yet."

THE season is starting too dry to suit the California seed growers. Good rains are needed.

OSCAR H. WILL & Co., Bismarck, N. D., was established in 1884. The twenty-ninth annual catalogue has just been issued.

ARNOLD RINGIER, of W. W. Barnard Co., who was laid up at St. Paul by an attack of rheumatism, is again on his way west.

W. W. TRACY, JR., who started a year ago as seed grower at Kendrick, Idaho, will have considerable company in that section at the rate things now are going.

THIS week's obituary column contains a report of the death of Mrs. Emma von Windheim, proprietor of the Nebraska Seed Co., at Omaha, Neb., of which H. G. Windheim is manager.

THE Mel L. Webster Co., of Waco, Tex., has been incorporated; capital stock, $15,000; incorporators, Mel L. Webster, Dan S. Jones, W. S. Murrell and H. D. Kline. Purpose, growing, selling and purchasing seeds, plants, trees, etc.

L. L. MAY & Co., of St. Paul, have given a deed of trust to the Security Trust Co. and J. R. Mitchell, of St. Paul, as trustees to secure a bond issue of $100,000. The deed covers the Mayville nursery farm, real estate in Lakeland, St. Paul, West St. Paul and acre property in Ramsey county.

THE W. W. Barnard Co., Chicago, has worked a transformation in the Madison street building formerly occupied by the Hearst newspaper and in which the Barnard interests will be centered within the next few weeks. The new front and the splendid location give promise of a wonderful counter trade.

WATSON S. WOODRUFF, ex-president of the American Seed Trade Association, of the firm of S. D. Woodruff & Sons, Orange, Conn., was recently elected president of a new bank, the Orange Bank and Trust Co., soon to be opened at West Haven, Conn. The town of Orange, which includes in its borders the borough of West Haven, Conn., has a population of something over 10,000 and has never before had a bank. Mr. Woodruff has a wide acquaintance among the garden seed trade, both in the United States and Europe.

LOS ANGELES SEED NOTES.

At the time of writing, dry weather still retards business at the retail stores, and also planting and sowing, but the volume of trade compares favorably with that of last year. Catalogue making and mailing is taking up quite a little time.

John Bodger & Sons Co. has already planted about 350 acres, in spite of the drought, and the work is still being pushed. J. Bodger, Jr., has not yet returned from his annual eastern trip, but Mr. Bodger, Sr., says they are going in for a larger variety of flower seeds than formerly and that their lines will probably include some herbaceous stock as well as the usual annuals. Sweet peas, lettuce and tomatoes are leaders here, the pulp of the tomatoes being made into ketchup at the firm's factory here, as a by-product. Mr. Bodger does not prophesy, but says that the sweet pea seed shortage is likely to continue.

Lester L. Morse, of C. C. Morse & Co., and J. B. Agnew, of the Pacific Seed Growers' Co., both of San Francisco, were recent visitors to this city.

H. R. R.

Hjalmar Hartmann & Co., Copenhagen, Denmark.
Seed Growers for the Wholesale Trade
Cauliflower, Cabbage and Root Seed.

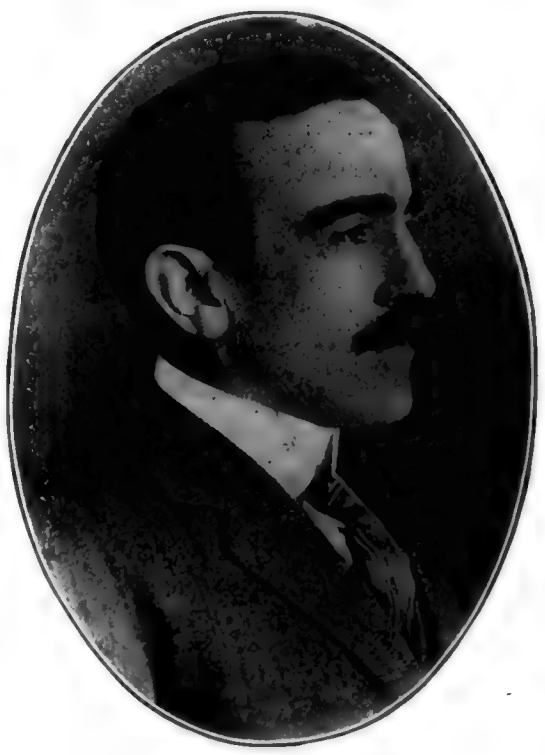
NOVELTY
Copenhagen Market
Earliest large, round headed Cabbage. Very Solid



Contract Now for 1912 Crop.

Copenhagen Market. Galvano Free.
Prices and Descriptive list free on Application.
LOECHNER & CO., 11 Warren St., New York, Sole Agents for the U. S. and Canada.

Mention The Review when you write.



Robert W. MacNiff.

ROBERT MACNIFF.

Although only 34 years of age, Robert W. MacNiff has been continuously engaged in the trade for twenty-two years. Born at Newark, N. J., August 12, 1877, at 12 years of age he became office boy for Peter Henderson & Co., New York, where the method of doing things systematically was so instilled into him that the result now is one of his best assets in the seed and auction business he has established. Working into the vegetable seed department, he remained with Henderson & Co. for thirteen years, leaving to accept a position with a Chicago seed house. Unable to resist the call of the metropolis, after six months he returned to New York to accept a position with the horticultural auction house of Wm. Elliott & Sons, an engagement that continued for eight years. Ambitious to test the result of his experience in his own behalf, he formed a partnership with Louis Schmutz, a well known wholesale florist in Brooklyn, and September 13, 1910, opened as the MacNiff Horticultural Co., with headquarters at 62 Vesey street, New York. The concern not only conducts an auction business for the sale of plants, bulbs, nursery stock, etc., but last season established a seed department. Both branches have been a success, the auction department doubling its sales in the second season and the seed department starting so well that it is being materially enlarged for the season now opening. Charles MacNiff, brother of Robert, and for twenty-three years with Peter Henderson & Co., is at the head of the seed department.

J. A. S.

Metal Clasp Mailing Envelopes
LOUIS JEFFREY
78th & Brunswick Ave., Philadelphia, Pa.

Mention The Review when you write.

CATALOGUES RECEIVED.

Ellwanger & Barry, Rochester, N. Y., roses, fruit trees and general nursery stock; Reichardt & Schulte Co., Inc., Houston, Tex., seeds; E. Neubert, Wandsbek, Germany, new ferns, begonias, cyclamen, asparagus, etc.; the MacNiff Horticultural Co., New York, N. Y., seeds, bulbs, fertilizers and insecticides; Weeber & Don, New York, N. Y., general and wholesale seed lists; L. L. Olds Seed Co., Madison, Wis., garden and farm seeds; G. H. Hunkel Co.,

A REQUEST

To the Seed Trade of America and Canada:

If buyers of **any kinds** of Seeds from this side will send us a line saying which articles they are **PARTICULARLY INTERESTED IN AT THE MOMENT**, whether for **present or contract** delivery, prices will be sent per return mail.

KELWAY & SON, Langport, Eng.

HIGH CLASS SEEDS ONLY. ESTABLISHED 1851.

Mention The Review when you write.

HJALMAR HARTMANN & CO.
COPENHAGEN, DENMARK

SURPLUS STOCK
of Seeds, Crop 1911

Turnips—
Dale's Hybrid
Grey Stone
Danish Yellow Tankard
Fynsk Bortfelder

Rutabaga—
Pjabjerg Bangholm
Shepherd Golden Globe

Mangel Wurzel—
Tarroje Barres
Sludstrup Barres
Eckendorfer Red Tankard
Elvetham Mammoth

Cauliflower and Cabbage Seed

Descriptive List and Prices on application.
LOECHNER & CO., 11 Warren St., NEW YORK
Sole Agents for the U. S. and Canada.

Mention The Review when you write.

H. FRANK DARROW
P. O. Box 1280
26 Barclay Street, NEW YORK
Importer of
Azaleas, Palms, Bay Trees
and all other Belgian Plants, Lily of the Valley of the finest Berlin and Hamburg Brands.
Japanese, Holland and French Bulbs
FRENCH and ENGLISH
FRUIT and ORNAMENTAL STOCKS

Mention The Review when you write.

Milwaukee, Wis., general and wholesale seed lists; Richland Nurseries, Rochester, N. Y., fruit and ornamental trees, shrubs, etc.; H. J. Weber & Sons Nursery Co., Nursery, Mo., nursery and greenhouse stock, bulbs and supplies; Northern Colorado Nursery Co., Loveland, Colo., fruit trees and other nursery stock; Peter Henderson & Co., New York, N. Y., "Henderson's Garden Guide and Record"; R. & J. Farquhar & Co., Boston, Mass., seeds, bulbs, general greenhouse and nursery stock; C. Keur & Sons, Hillegom, Holland, wholesale list of bulbs and plants; Ross Bros.' Seed House, Wichita, Kan., seeds and supplies; Stokes' Seed Store, Philadelphia, Pa., wholesale list for market gardeners and florists; Ralph E. Huntington,

—TO THE TRADE—
HENRY METTE, Quedlinburg, Germany
(ESTABLISHED IN 1787)
Grower and Exporter on the very largest scale of all
CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼ oz.; 75c per 1/16 oz. Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own vast grounds,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

Mention The Review when you write.

—PERFECT PLANT FOODS—
THOMSON'S Vine Plant and Vegetable MANURE

Unrivaled for vines, tomatoes, cucumbers, all flowering, foliage and fruit bearing plants; vegetables, lawns, etc. Has stood the test of 30 years. The result of many years of practical experience.

Sold by Leading American Seedsmen.

Also Thomson's Special Chrysanthemum and Topdressing Manure. An Excellent Stimulant.

Freight paid on quantities; liberal terms to retailers. Write for our special offer to the American trade, agents' circulars, pamphlets, etc., to sole makers.

Also Exporters of **Pure Scotch Soot** Write for prices, etc.

Wm. Thomson & Sons, Ltd., Tweed Vineyards, Clovenfords, Scotland

Mention The Review when you write.

VAN GRIEKEN'S BULBS, SOUND AND WELL SELECTED
High-grade Hyacinths, Tulips, Narcissus, Crocus, etc. Write for Catalogue.
LEO VAN GRIEKEN, Lisse, Holland

Mention The Review when you write.

WE IMPORT
to order for the Trade only, PLANTS and BULBS from Europe and Japan. Spring or Fall Delivery. Address with business card.
AUGUST ROLKER & SONS
P. O. Box 752, or 31 Barclay Street, NEW YORK

Mention The Review when you write.

DANISH SEEDS
If you take interest in Cabbage, Cauliflower, Carrot, Mangel, Swede and Turnip, of selected strains (state controlled), please apply to
CHR. OLSEN, Odense, Denmark
Wholesale Seed Grower (Established 1882), in order to have your name placed on my mailing list.

Always mention the Florists' Review when writing advertisers.

FOR
SEEDS
of all kinds apply to
W. W. JOHNSON & SON, Ltd.
BOSTON, ENGLAND

Mention The Review when you write.

German Stock Seeds
A GRAND SPECIALTY
Price list on application
PAUL TEICHER, Striegau, Germany
Oldest Special House

Mention The Review when you write.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence solicited.

George R. Pedrick & Son

PEDRICKTOWN, N. J.

Mention The Review when you write.

The Ebbert Seed Company

ROCKY FORD, COLO.

Contract growers for the Trade. High-grade Vine Seeds. **Specialties:** Rocky Ford Cantaloupe, Muskmelon and Cucumber Seed.

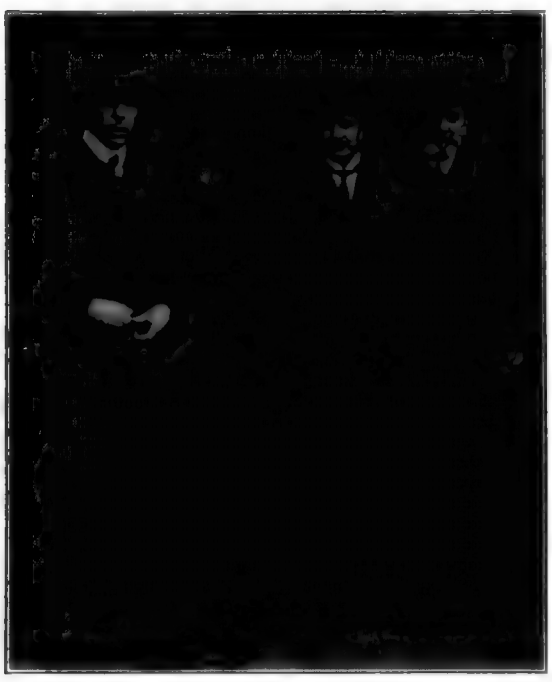
Place Your Orders Early

Mention The Review when you write.

Painesville, O., trade list of aster seed; Ratekin Nursery Co., Shenandoah, Ia., fruit trees, roses and other nursery stock; Farmer Seed & Nursery Co., Faribault, Minn., farm and garden seeds; the Denver Nursery Co., Denver, Colo., general nursery stock; Thomas J. Grey Co., Boston, Mass., seed catalogue; Alex. McConnell, New York, N. Y., list of trees, shrubs, perennials, etc.; Amzi Godden Seed Co., Birmingham, Ala., "Southern Truckers' Guide."

AMBASSADORS.

New Orleans florists, as well as those in the seed trade, will be interested in the illustration herewith, which is reproduced from a photograph made in



The Ambassadors.

front of the Grand hotel, at Odense, Denmark, November 17, 1911. At the right stands M. F. Egan, United States ambassador to Denmark, and at the left is William Rehm, formerly in the florists' business at New Orleans and now American ambassador for L. Daehnfeldt, seed grower at Odense. Mr. Rehm has just returned to New York from a visit to the firm's headquarters.

Lincoln, Neb.—C. H. Frey says shipping trade has been fine, in spite of "the longest cold spell on record for Nebraska."

Louisville, O.—Since the death of J. J. Schmucker, his son has organized a firm which bears the name of Schmucker & Miller, and the business is being continued under **that name.**

HERE SINCE 1870

Arkansas Valley Seed Company

D. H. BROWNE LAKIN, KANSAS C. H. BROWNE

Contract Growers of Muskmelon, Watermelon and Cucumber

We desire to announce to the trade that Mr. Wm. Logan is no longer connected with this company in any way. And that we are now booking contract orders for Muskmelon, Watermelon and Cucumber Seed.

Write today for contract price list, also our surplus list of Vine Seeds.

Mention The Review when you write.

J. BOLGIANO & SON —WHOLESALE— **Field and Garden Seeds**

ESTABLISHED 1818 Write for our low prices

Light, Pratt & Ellicott Sts. BALTIMORE, MD.

Mention The Review when you write.

BEANS, PEAS, RADISH

and all Garden Seeds

LEONARD SEED CO.

226-230 W. KINZIE STREET, CHICAGO

GROWERS FOR THE TRADE

ONION SETS Write for Prices

Mention The Review when you write.

YOU will be satisfied with the products of Burpee's "Seeds that Grow"

Better write to Burpee, Philadelphia,—for new Complete Catalogue.

The Everett B. Clark Seed Co., MILFORD, CONN.

Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.

BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC.

TOMATO SEED

BEST STOCKS. ALL VARIETIES.

The Haven Seed Co.

Growers for wholesale trade only. Santa Ana, Cal.

Mention The Review when you write.

LAWN GRASS SEED

WHOLESALE ONLY

J. OLIVER JOHNSON

1876 Milwaukee Avenue, CHICAGO

Mention The Review when you write.

ONION SEED — ONION SETS

We are extensive growers and dealers. Write for prices on the 1911 crop. We are also submitting contract figures for the 1912 crop of Onion Seed.

SCHILDER BROS., CHILLICOTHE OHIO

Mention The Review when you write.

The C. Herbert Coy Seed Co.

VALLEY, Douglas County, NEB.

Wholesale Growers of High Grade Seeds.

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

Mention The Review when you write.

IF IT IS

WATERMELON AND MUSKMELON SEEDS

GET THEM FROM

J. FRANK CORRY, CONTRACT GROWER

Complete delivery by Oct. 15, 1912.

ENID, - OKLAHOMA

Mention The Review when you write.

—THE—

J. C. Robinson Seed Co.

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar, Flint and Field Seed Corns.

Mention The Review when you write.

Sioux City Seed & Nursery Co.

Sioux City, Iowa

Contracting growers of **Peas, Beans** and famous **Sweet Corn.** Introducers of the **White Mexican Sweet Corn.**

Mention The Review when you write.

S. M. ISBELL & CO.

JACKSON, MICH.

Contract Seed Growers

Bean, Cucumber, Tomato, Radish, Pea, Squash, Muskmelon, Watermelon, Sweet Corn.

Correspondence Solicited

Mention The Review when you write.

Peas and Beans

...Growers For The...

Wholesale Seed Trade

Alfred J. Brown Seed Co.

Grand Rapids, Michigan

Mention The Review when you write.

MORSE SEEDS

Wholesale Growers of

Onion, Lettuce, Sweet Peas

and other California Specialties

C. C. MORSE & CO.

48 Jackson St. SAN FRANCISCO, CAL.

Mention The Review when you write.

CONTRACT SEED GROWER

SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn

EDGAR F. HURFF, MULLICA HILL, NEW JERSEY

Correspondence Solicited.

Mention The Review when you write.

Routzahn Seed Co.

ARROYO GRANDE, CAL.

SWEET PEA and NASTURTIUM

SPECIALISTS

Wholesale growers of full lists of FLOWER and GARDEN SEEDS.

Mention The Review when you write.

THE HAS. H. LILLY CO.

SEATTLE, WASH.

Growers of

PUGET SOUND CABBAGE SEED

Mention The Review when you write

Henry Fish Seed Co.

BEAN GROWERS

For the Wholesale Seed Trade

CARPINTERIA, - CAL.

Mention The Review when you write.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety.
Correspondence solicited.

Always Mention the...

FLORISTS' REVIEW

When Writing Advertisers



Japanese Climbing Cucumber

grown under irrigation by

WESTERN SEED & IRRIGATION CO.

Seed Growers and Dealers. Specialties: Cucumber, Musk and Watermelon, Pumpkin, Squash, Sweet and Field Corn.

FREMONT, :: :: :: NEBRASKA

Mention The Review when you write.

THE KIMBERLIN SEED CO.

Wholesale Seed Growers SANTA CLARA, CAL.

Growers of

ONION, LETTUCE, RADISH, etc.

Correspondence Solicited.

Mention The Review when you write.

Pieters-Wheeler Seed Company

Hollister, - - California

Growers of High Grade Seeds

Onion, Radish, Lettuce, Sweet Peas, etc. : : :

Correspondence Solicited.

Mention The Review when you write.

BRASLAN SEED GROWERS' CO.

Lettuce, Onion, Sweet Peas

Growers for the Wholesale Trade Only

San Jose, California

Mention The Review when you write.

S. D. Woodruff & Sons

SPECIALTIES:

Garden Seeds in Variety

Maine seed potatoes, onion sets, etc.

CORRESPONDENCE SOLICITED.

Main Office and Seed Farms, ORANGE, CONN.

New York City Store, 82-84 Dey Street

Always Mention the...

FLORISTS' REVIEW

When Writing Advertisers

To economize on the first cost of Lily bulbs is to save at the spigot and waste at the bung. Buy the best there are and your plants and flowers will always look better, sell better, and you'll make more profit. Buy the best and pray for better, for Lily bulbs too good have not yet been produced, although some you read about are too good to be true. Horseshoe Brand Bulbs are cultivated for quality and not merely size. They are cared for by experienced men—grown from the highest quality of seed-bulbs, well fertilized, properly matured, assorted and packed. All this costs a little more, of course, and they are principally for those who want the best. Any conscientious grower starting with Horseshoe Brand Lily bulbs as a basis to work on, using good rich soil, plenty of heat, and common ordinary care, can have first-class lilies. Of course he must not permit any green-fly matinees on his plants, for they will soon ruin the chance of a good crop, so it's very important to fumigate in time—do not wait until you see the little pests all over the plants—keep them off by fumigating in time.

Prices reasonable in all bulbs. Send for catalogue.

Not How Cheap But How Good

RALPH M. WARD & CO.

12 West Broadway

NEW YORK

SEATTLE NOTES.

[Concluded from page 47.]

tities. Cattleyas are fairly plentiful. Good pot plants are selling well and there are some fine cyclamens and plenty of cinerarias and primulas, which help the appearance of the stores.

A Trip to Tacoma.

The Seattle Florists' Club made a trip to Tacoma on Thursday, January 18. It was a fine day, with plenty of sunshine. About twenty-one members made the journey on the 10 o'clock interurban and a further delegation went over at night. A deputation of the Tacoma florists boarded the cars before their arrival in the City of Destiny, and conducted their visitors to various greenhouses in and around Tacoma. In all the places visited, it seemed as if we had been expected, for everything was in first-class shape and reflected credit on the various proprietors. In the middle of the day a banquet was given in the leading cafe, and refreshments of all kinds were tendered at the various establishments visited.

In the evening a bowling match took place and the Tacoma bowlers, on their home alleys, fully redeemed themselves for their recent defeat in Seattle. The scores will be found in the Bowling Department, on another page. An adjournment was afterward made to the rooms of the club, where matters of general interest to the trade were discussed, after the visitors had all been made honorary members of the home club. Refreshments again followed and the balance of the evening was spent harmoniously. The visitors came home on the last car, each one expressing his hearty satisfaction with the day's outing and declaring that a better bunch of fellows than the Tacoma florists would be hard to find.

Various Notes.

At the joint meeting of the florists of Tacoma and Seattle it was resolved to take steps to secure the establishment of an experiment station, if possible, in this state, to take up subjects of interest to the florists' trade.

The Burns Floral Co. is installing mirrors and otherwise decorating the retail premises on Third avenue. The firm pronounces business good in both wholesale and retail departments.

Rosaia Bros. are planning to build a range of glass on the land which they purchased some time ago at Thomas. They took advantage of the recent low price of glass and have enough on the ground to glaze four houses, each 28 x 200 feet. They expect to start construction. H. H. Hawley is conducting the seed department in their store.

A. E. Buxton has just completed a new propagating house at his Brighton place. He is cutting some fine carnations at present.

After looking around among the various houses of giganteums, it seems likely that some extra coal will be needed to get the flowers forward in time for Easter.

The recent mild weather has been good for outdoor work. The nurserymen are busy with orders and lots of planting is being done.

Henry Bomhoff was down from Victoria, B. C., again this week—an attractive place, Seattle. T. W.



According to the late season in California, 1912 **Winter Sweet Pea Crop** will be late. To avoid late delivery, I will send all early orders directly from my ranch in **Lompoc, Cal.** These will reach my farthest customers not later than August 10th, saving over 4 weeks' time. We will have all the leading colors and many novelties. **Order now.** New complete list will be ready in May.

Now is the time to sow **Late Sweet Peas.** We have on hand the best Spencer and Unwin types, and almost all other florists' flower seeds, like Asters, Stocks, Mignonette, etc.

Send for list.

Ant. C. Zvolanek

Bound Brook, N. J.

Mention The Review when you write.

Let Ayres' Superior Orchid-Flowering Sweet Peas

Follow Your Mums

The Fine Unsurpassed varieties

Asta Ohn Spencer, lavender, lb., $2.00. America Spencer, great novelty, red and white striped, lb., $4.00. Florence Morse Spencer, a beautiful light pink, lb., $2.50. Large White Spencer, the unrivaled white, lb., $2.50. Apple Blossom, pink shaded rose, lb., $1.75. Any of the above, oz., 35c. We also have all the winter flowering varieties. Write for our Sweet Pea Catalogue.

Ayres' Re-selected Grand Rapids Lettuce Seed

Is universally used by florists. Oz., 15c; lb., $1.25.

S. B. AYRES CO. Sunnyslope, Independence, Mo.

Florists—Nurserymen—Seedsmen

——10 miles east of Kansas City, Mo.——

Mention The Review when you write.

W. & D.'s New Crop FLORISTS' FLOWER SEEDS

Vinca Rosea, Alba Pura	¼ oz.,	15c; oz.,	$0.50
Salvia Slendens Grandiflora	¼ oz.,	35c; oz.,	1.25
Salvia Splendens Bonfire	¼ oz.,	60c; oz.,	2.00
Verbena, Mammoth, separate colors or mixed	¼ oz.,	25c; oz.,	.80

Cobaea, Lobelia, Stocks, Petunias, etc. Write for our wholesale catalogue.

Weeber & Don, Seed Merchants and Growers New York, N. Y.
114 Chambers Street

Mention The Review when you write.

Asparagus Plumosus Nanus

New Crop—Greenhouse-grown

100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $3.50; 10,000 seeds, $30.00.

Sprengeri, 25c per 250 seeds; 75c per 1000 seeds; $2.75 per 5000 seeds.

Our Flower Seed Catalogue free on application.

THE MOORE SEED CO., 125 Market St., Philadelphia

Mention The Review when you write.

Johnson's Highest Quality

FLOWER SEEDS

Strictly New Crop and of High Germination.

AGERATUM BLUE PERFECTION, trade pkt., 15c; oz., 50c.
ALYSSUM LITTLE GEM, trade pkt., 10c; oz., 25c.
ANTIRRHINUM (Snapdragon), giant mixed, trade pkt., 15c; oz., 40c.
ANTIRRHINUM, giant rose, white or yellow, trade pkt., 15c; oz., 50c.
ASPARAGUS PLUMOSUS NANUS, true greenhouse grown, $3.50 per 1,000 seeds; per 100 seeds, 50c.
BEGONIA SEMPERFLORENS VERNON, carmine, trade pkt., 30c.
CANDYTUFT, EMPRESS, best white, trade pkt., 10c; oz., 20c.
CELOSIA CRISTATA, Glasgow Prize, trade pkt., 20c; oz., $1.
CENTAUREA CANDIDISSIMA, trade pkt., 25c; oz., 75c.
CENTAUREA GYMNOCARPA, trade pkt., 15c; oz., 35c.
COBAEA SCANDENS, purple, trade pkt., 10c; oz., 30c.
COLEUS, new giant hybrids, trade pkt., 40c.
GREVILLEA ROBUSTA, trade pkt., 15c; oz., 50c.
HELIOTROPE, LEMOINE'S GIANT, trade pkt., 30c; oz., $1.50
IPOMOEA GRANDIFLORA (moonflower), trade pkt., 15c; oz., 40c.
LOBELIA CRYSTAL PALACE COMPACTA, blue, trade pkt., 25c; oz., $1.25.
LOBELIA SPECIOSA, trailing, trade pkt., 15c; oz., 50c.
PETUNIA, JOHNSON'S SUPERB SINGLE FRINGED, trade pkt., 50c.
PETUNIA, JOHNSON'S SUPERB DOUBLE FRINGED, 500 seeds, trade pkt., 75c.
PETUNIA, JOHNSON'S CALIFORNIA RUFFLED GIANTS, trade pkt., $1.00.
PYRETHRUM AUREUM (feverfew), trade pkt., 10c; oz., 25c.
SALVIA SPLENDENS (Scarlet Sage), trade pkt., 25c; oz., $1.
SALVIA SPLENDENS BONFIRE, trade pkt., 30c; oz., $2.
SMILAX, trade pkt., 10c; oz., 30c.
SOLANUM CAPSICASTRUM, trade pkt., 10c; oz., 25c.
STOCKS, LARGE FLOWERING TEN WEEKS, mixed or separate colors, trade pkt., 30c; oz., $2.50.
STOCKS, CUT AND COME AGAIN, white, trade pkt., 30c; oz., $2.50.
STOCKS, CUT AND COME AGAIN, mixed, trade pkt., 30c; oz., $2.50.
THUNBERGIA, MIXED (Black Eyed Susan), trade pkt., 10c; oz., 40c.
VERBENA, JOHNSON'S MAMMOTH, mixed, trade pkt., 25c; oz., 90c.
VERBENA, JOHNSON'S MAMMOTH, separate colors, trade pkt., 25c; oz., $1.
VINCA, ROSEA, ALBA AND ALBA PURA, trade pkt., 15c; oz., 50c.
VINCA, mixed, trade pkt., 15c; oz., 40c.
PANSY, JOHNSON'S FAMOUS PRIZE WINNERS, the finest giant strain obtainable, 1,000 seeds, 30c; trade pkt., 50c; oz., $5.
PHLOX, DWARF CECILY, mixed, trade pkt., 30c; oz., $1.75.
PHLOX, LARGE FLOWERING DWARF, mixed, trade pkt., 30c; oz., $1.25.

See our Begonia and Gloxinia offer in January 25 issue.

JOHNSON SEED COMPANY

217 Market Street, Philadelphia, Pa.

Mention The Review when you write.

Asparagus Plumosus Nanus

New crop. Greenhouse grown.

50c per 100;
$4.00 per 1000.

A. HENDERSON & CO.

30 E. Randolph St., CHICAGO, ILL.

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Dreer's Reliable Flower Seeds New Crop

We are now ready with a full supply of the very choicest strains of all wanted varieties. Below we give but a short list of a few items which should be sown early.

	Tr. pkt.	Oz.
Ageratum Blue Perfection, best dark blue	$0.15	$0.50
Alyssum Little Gem, extra dwarf stock	.15	.40
Asparagus Plum. Nanus, true, greenhouse-grown...$4.00 per 1000 seeds		
Begonia Semperflorens Erfordii, rose	.30	
Begonia Semperflorens Luminosa, fiery red	.30	
Begonia Semperflorens Vernon, carmine	.30	
Candytuft Empress, finest white	.10	.20
Celosia Cristata Glasgow Prize	.25	1.00
Centaurea Candidissima	.25	1.00
Centaurea Gymnocarpa	.15	.35
Cineraria Maritima Candidissima	.10	.20
Cobœa Scandens, purple	.15	.40
Dracæna Indivisa	.10	.30
Pennisetum Rueppelianum	.10	.25
Grevillea Robusta	.15	.50
Heliotrope Lemoine's Giant	.40	2.00
Ipomœa Grandiflora (Moonflower)	.15	.40
Lobelia Crystal Palace Compacta	.25	1.25
Lobelia Speciosa, trailing	.15	.50
Petunia Dreer's Superb Single Fringed	.50	
Petunia Dreer's Superb Double Fringed, 75c per 500, $1.50 per 1000 seeds		
Pyrethrum Aureum	.10	.25
Salvia Splendens	.25	1.00
Salvia Splendens Bonfire	.40	2.00
Salvia Splendens Zurich, very early	.50	4.00
Smilax	.10	.40
Solanum Capsicastrum	.10	.25
Verbena Dreer's Mammoth, separate colors	.30	1.25
Verbena Dreer's Mammoth, finest mixed	.25	1.00
Vinca Rosea, Alba and Alba Pura	.15	.50
Vinca, mixed	.15	.40

We can furnish you with the very finest quality in all the leading flower seeds, including Antirrhinum, Aster, Pansies, Petunias, Phlox, Primulas, Stocks, Sweet Peas, Zinnias, etc. Also a very complete line of seeds of the best Hardy Perennials. Consult our Wholesale Catalogue. If you do not have a copy, we will be pleased to send you one if you will send us one of your business cards.



DREER'S DOUBLE FRINGED PETUNIA

Henry A. Dreer, FLOWER SEED SPECIALISTS 714 Chestnut St., Philadelphia, Pa.

GLEN COVE, N. Y.

The sixth annual banquet of the Nassau County Horticultural Society was held at the Oriental hotel, in this town, January 25, and to say it was a great success is putting it mildly. The tables were decorated with fine specimen cyclamen and primula plants, carnations and other cut flowers. Conspicuous among the cut flowers was a fine vase of C. H. Totty's new carnation, Wodenethe.

The banquet commenced at 6:30 p. m., with seventy-five guests present, among whom were representatives of the trade and local press, representatives of neighboring societies, gentlemen of the vicinity who are interested in horticulture, and members of the Nassau society. The Rev. J. W. Gammock, who is a life member of the society, delivered an excellent address on the improvement of Glen Cove.

President J. F. Johnson, on behalf of the society, presented to S. J. Trepess, past president, a diamond scarf-pin as a token of appreciation of the valuable service he gave the society during his term as president. Afterward, Mr. Johnson, in a few well-chosen words, welcomed the guests and started the feast.

After the menu had been done justice to, President Johnson introduced Arthur Herrington as the toastmaster of the evening, and anyone who has heard Mr. Herrington preside on such an occasion knows what an able toastmaster he is. His good, sensible talks and witty remarks kept the boys in great humor all the evening.

Among the speakers of the evening

A PLANT NOVELTY



That everybody will want

Solanum Capsicastrum Melvini

The best introduction in Holiday plants for years. A money-maker. Plant dwarf, bushy, 12 to 15-in. high, covered with brilliant scarlet berries, conical shaped, and carried well above the dark, shining foliage.

Awarded First-class Certificate by Massachusetts Horticultural Society and Gardeners' and Florists' Club of Boston.

Sow seeds now for next Christmas.

10 packets -	$ 1.50
100 packets -	12.50
Single pkt. -	.25

THOMAS J. GREY CO. 32 S. Market St. **Boston**

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F. W. O. SCHMITZ

PRINCE BAY, N. Y.

Wholesale Grower, Exporter and Importer of all plants, roots and bulbs in season.

Correspondence Solicited

Mention The Review when you write.

GLADIOLI

Try GOLDEN QUEEN and PRESIDENT TAFT for forcing.

One customer writes under date of May 25th: —

"The Golden Queen that I ordered from you were planted in a carnation house on February 7th, and we are now getting fine spikes and handsome flowers. I find your variety to be one week earlier than Mrs. Francis King, ten days earlier than Augusta and two weeks ahead of America. They have been perfectly satisfactory in every way."

I have also a fine stock of Mrs. King, Klondyke, Taconic, Independence, Brenchleyensis, Geo. Paul and other kinds. Write for trade list.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

was J. Duthie, who spoke on the society and what it is doing. Frank Traendly responded for the S. A. F. Charles H. Totty gave an interesting talk on the National Flower Show, to be held in New York city in 1913, and asked the gardeners to do all they could to help make the show a success. F. Bowne spoke on the pleasure of living in Glen Cove. J. A. Shaw responded for the trade press and William Davis for the local press. G. Wittlinger, who is president of the Tarrytown Horticultural Society, spoke for that society, and William Duckham for the Morris County Gardeners' and Florists' Society. The speaking was interspersed by vocal music, which was rendered by Messrs. MacNicol, Kinnear and Bocks, and was greatly enjoyed by the guests. At the finish all joined in singing "Auld Lang Syne."

All agree that this was the most successful and enjoyable banquet the society ever held, and much credit is due the committee, Messrs. Trepess, Everett and Brown, who did all the work and little feasting.

James MacDonald, Cor. Sec'y.

WASHINGTON, D. C.

The Market.

Last week was dull in the florists' business. Stock is not plentiful, owing to the short days, gray skies and cold weather, but neither is the demand great. Prices keep up fairly well, but deliveries are difficult, owing to the slippery condition of the streets. A considerable number of dinners are being given in society, but there are no especially large decoration contracts reported.

Roses are moving well, but with that exception stock is going slowly. Carnations are cheaper, selling from 2 to 4 cents, and not many going even at those prices. McKinley day, which was supposed to produce a run on carnations, fell flat and the rush did not materialize. In fact, the number of carnations sold may have been smaller than on any other day, owing to a sleet storm that prevailed.

Jonquils are plentiful and selling pretty well, and quantities of mignonette, long-stemmed sweet peas, greenhouse lilacs, tulips and various potted spring flowers are being shown, but are not in great demand. Cottage Maid tulips are plentiful and attractive. Calla lilies are also in evidence.

Various Notes.

It is announced that Prof. Chittenden, of the Bureau of Entomology, will prepare a paper on "Insects Injurious to Plants and How to Fight Them," which will be read at the next meeting of the Washington Florists' Club, February 6. The club will be entertained

Stokes Seeds Philadelphia

CLEMATIS PANICULATA

NEW CROP. CHOICE SEED. Price, $3.00 per pound.

WALTER P. STOKES, Seedsman

219 MARKET STREET, PHILADELPHIA, PA.

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Bulbs for Spring

L. Giganteum, Cannas (all leading varieties), **Tuberoses, Gladioli.** Prices on application.

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126-128 W. 6th St., CINCINNATI, OHIO

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NEW CROP

Asparagus Plumosus Nanus

Wisconsin Greenhouse Grown Seed

Not to be compared with the inferior California and Florida outdoor grown seed.

1000 seeds, **$4.00**; 5000, **$18.75**; 10,000, **$35.00**

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ROSE GARDENS

WHOLESALE GROWERS

Daffodils, Peonies, Tulips Gladioli, Iris, Etc.

NORTH EMPORIA, VIRGINIA

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SEEDS :: BULBS :: PLANTS

72 Cortlandt St., NEW YORK CITY

BULBS

Far Below Cost

Ask for prices.

James Vick's Sons

ROCHESTER, N. Y.

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GLADIOLI,

LILIES, SUMMER FLOWERING BULBS AND HARDY PLANTS.

SEND FOR PRICE LIST.

E. S. MILLER, Wading River, N. Y.

Salvia Seed, 1911 Crop

(Our own growing.)

Bonfire, ½ oz., 60c; 1 oz., $1.00. Zurich, ½ oz., $1.50; 1 oz., $2.50. Above seed is from selected stock. Cash, please.

J. P. SIEBOLD, Lancaster, Pa.

Salvia Seed

SPLENDENS..Tr. pkt., 15c; ⅛-oz., 25c; oz., $1.25

CLARA BEDMAN (Bonfire).....Tr. pkt., 25c; ⅛-oz., 40c; oz., $2.25.

ZURICH.....Tr. pkt., 35c; ⅛-oz., 50c; oz., $3.50

New Catalogue just out; write for a copy.

G. H. HUNKEL CO., Seedsmen, Milwaukee, Wis.

DREER'S TUBEROUS-ROOTED
Begonias and Gloxinias

There is a scarcity of really first-class bulbs of Begonias this season, due to the unprecedented drought throughout Europe during the past summer, but the Specialist who has grown this stock for us for more than twenty years, having facilities for watering, has been able to supply us with bulbs almost as large as in norma seasons, while in quality they are fully up to our usual standard.



There has been no advance in price for this superior strain; you can buy cheaper but not better stock.

BEGONIAS, Single, in Separate Colors. Scarlet, crimson, rose, white, yellow and orange. 40c per dozen; $2.50 per 100; $22.50 per 1000.

BEGONIAS, Single, in Choicest Mixture. 35c per dozen; $2.25 per 100; $20.00 per 1000.

BEGONIAS, Double, in Separate Colors. Scarlet, rose, white and yellow. 60c per dozen; $4.50 per 100; $40.00 per 1000.

BEGONIAS, Double, in Choicest Mixture. 50c per dozen; $4.00 per 100; $35.00 per 1000.

BEGONIAS, Frilled, in Separate Colors. Scarlet, white, pink and yellow. These are with wavy and frilled petals, like some of the newer Petunias. $1.00 per dozen; $7.00 per 100; $60.00 per 1000.

BEGONIAS, Dwarf Hybrid Duke Zeppelin. Pure rich scarlet. 85c per doz.; $6.00 per 100.

BEGONIAS, Dwarf Hybrid Frau Helene Harms. A new primrose yellow. 20c each; $2.00 per dozen.

GLOXINIAS, Dreer's Superb, in Choicest Mixture or in Separate Colors, as blue, red, white, red with white edge and blue with white edge. 60c per dozen; $3.50 per 100; $30.00 per 1000.

CALLA ELLIOTTIANA. Strong bulbs, at $2.00 per dozen; $15.00 per 100.

For a complete list of Summer-flowering Bulbs and other seasonable stock, see our Current Wholesale List

Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

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FOTTLER-FISKE-RAWSON CO. FANEUIL HALL SQUARE

STOCKS

Boston Flower Market has had wonderful success in separate colors.

1/8 oz., 60c; 1/4 oz., $1.00; oz., $4.00

White, 1/8 oz., 75c; oz., $5.00.

BOSTON

LILY OF THE VALLEY Giant Forcing

Pre-eminently the finest Lily of the Valley in the market today. $15.00 per 1000; original case of 2500, $35.50.

Berlin Pips, cold storage stock for immediate forcing, $14.50 per 1000; original case of 2500, $34.50.

FLOWER SEEDS for present sowing, now ready. None better.

Send for new Florists' Wholesale Catalogue.

CURRIE BROS. CO., 108 WISCONSIN ST., 312 BROADWAY, **MILWAUKEE, WIS.**

Mention The Review when you write.

SOW NOW!

Get Ready for Early Spring Sales

	6 Tr. Pkts.	Tr. Pkt.
BEGONIA Gracilis Luminosa, true stock, with large scarlet flowers	$2.50	$0.50
Erfordii, fine pink variety	2.50	.50
Bedding Queen, most beautiful pink Wax Begonia	2.50	.50
Vernon, fine red	1.25	.25
CYCLAMEN Persicum Splendens Giganteum, finest colors, assorted, 1000 seeds	5.00	.75

O. V. ZANGEN, Hoboken, N. J.

Mention The Review when you write.

Berlin Valley Pips

Surplus lots. All high-grade, Berlin type, A. B. S. Pips. Recent arrivals. Case lots only. Ask for list of lots and f. o. b. New York prices.

McHUTCHISON & CO.

THE IMPORT HOUSE

17 Murray St., NEW YORK

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Lilies of the Valley

Bruns' Celebrated Chicago Market Brand

Finest in existence

$2.00 per 100; $16.00 per 1000

Bruns' Early Forcing Valley

Florists' money-maker

$1.50 per 100; $14.00 per 1000

H. N. BRUNS

3038-40-42 W. Madison St., Chicago

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LILY BULBS

FROM ICE STORAGE

	Per case
LONGIFLORUM GIGANTEUM, 7 to 9-inch, 300 to a case	$18.00
	Per 100
AURATUM, 9 to 11-inch	$8.50
AURATUM, 8 to 9-inch	5.25
SPECIOSUM RUBRUM, 8 to 9-inch	4.75
SPECIOSUM RUBRUM, 9 to 11-inch	8.00
SPECIOSUM ALBUM, 8 to 9-inch	9.50

They are all of "WORTH-WHILE" quality

WINTERSON'S SEED STORE

166 N. WABASH AVE., CHICAGO, ILL.

Mention The Review when you write

by humorous monologue selections in the Italian dialect by Edwin Callow, a well known local entertainer.

The Washington Florists' Co. displayed a large portrait of the late President McKinley in its window just preceding McKinley day. Manager Bauer, however, said that not many carnations were sold.

John Allen, of Georgetown, a suburb of Washington, has grown the first white Murillo tulips, which are being handled by the Washington Florists' Exchange. They are fine. Mr. Allen has also put on the market a quantity of potted bulbous flowers, tulips, hyacinths, etc., including some blue grape hyacinths. This is said to be the first time the last named variety of flower was ever grown on a commercial scale in this vicinity.

W. R. Gray, of Oakton, Va., is supplying some exceptionally fine Paper White narcissi.

George Shaffer, Fourteenth and I streets, reports business dull, but he had two large decorations to do this week.

An interesting decoration was done Saturday, January 27, by Gude Bros. Co. at a dinner given by Mrs. W. F. Draper in honor of the Italian ambassador. Richmond and white roses were used in numbers, besides palms and other decorative plants. The Italian coat of arms was done in carnations, and flanked by the American and Italian flags.

Manager McKissick, of the S. S. Pennock-Meehan Co., is back on the job, convalescent from an attack of grip which laid him up several days last week. He is rather weak and will have to take good care of himself for a while.

Mr. Martin, of Martin & Forbes, Portland, Ore., is visiting here for the first time in twenty years and renewing his acquaintance with old florist friends. He says business on the Pacific coast is fair. H. C. H.

Poughkeepsie, N. Y.—Jacob K. Bahret's violets came through the below-zero weather in good condition, but he reports having heard of several houses of violets that were frozen.

Established in 1802

Thorburn's Seeds

Our New Wholesale Catalogue for Market Gardeners and Florists for 1912 will be ready early in January. Register your name for a copy **NOW.**

Lily of the Valley Pips

A few still left, very high grade. Prices on application.

J. M. Thorburn & Co. 33 Barclay St. NEW YORK

PRIMULA

Chinensis Obconica

Unrivaled for size of flower, purity of color and highest development. They represent the best specialists have so far produced. Seeds and plants.

J. L. SCHILLER, Toledo, O.

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SURPLUS OF

L. Multiflorums 7-9

Write for prices.

The Yokohama Nursery Co., Ltd.

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XXX SEEDS

ALYSSUM SNOWDRIFT, most dwarf and compact, very fine, pkt. 20c.
ANTIRRHINUM, New Giant, white, rose and yellow. Separate or Mixed, pkt. 20c.
PETUNIA STAR, improved, finest marked flowers, very fine, pkt. 20c.
PETUNIA, Giant, single fringed, large and fine, very choicest mixed, pkt. 20c.
PETUNIA, Giant Double Fringed, very fine, trade pkt. 50c. Mixture of the best improved vars.
SALVIA, Bonfire, finest grown, brilliant scarlet and compact. Large pkt. 20c.
PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt. 20c.
CHINESE PRIMROSE, finest grown, single and double mixed, 600 seeds, $1.00; ½ pkt. 50c.; 1000 seeds, $1.50. Separate colors or mixed.
PRIMULA KEWENSIS, the grand new sweet-scented yellow Primrose, pkt. 20c.
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Philadelphia, Jan. 31, 1912.

	Per doz.
Beauty, Specials	$7.50
" Extra	6.00
" Medium	$3.00 @ 5.00
" Short	2.00 @ 2.50
	Per 100
The Killarneys, Fancy	$15.00 @ $20.00
" Select	8.00 @ 12.00
" Ordinary	5.00 @ 6.00
My Maryland, Bride—	
Fancy	12.00 @ 15.00
Select	8.00 @ 10.00
Ordinary	5.00 @ 6.00
Richmond, Fancy	15.00 @ 20.00
" Select	8.00 @ 12.00
" Ordinary	5.00 @ 6.00
Melody	5.00 @ 12.00
Carnations, Fancy	5.00 @ 6.00
" Select	3.00 @ 4.00
" Ordinary	2.00 @ 2.50
Cattleyas....per doz., $4.00 @ $6.00	
Cypripediums	12.00 @ 15.00
Gardenias...per doz., $1.00 @ $3.00	
Easter Lilies, per doz., 1.50	
Callas.....per doz., 1.50	
Valley	3.00 @ 4.00
Sweet Peas	.40 @ 1.50
Violets, single, select	.75
" " ordinary	.25 @ .50
" double, select	.75
" " ordinary	.50
Daisies	1.50 @ 2.00
Pansies	.75
Lilacs.....per bunch, $1.00	
Paper Whites	2.00 @ 3.00
Romans	1.50 @ 3.00
Mignonette	4.00 @ 6.00
Daffodils	3.00 @ 4.00
Snapdragon.....doz., $1.50 @ $2.50	
Freesias	3.00 @ 4.00
Tulips	2.00 @ 4.00

Milwaukee, Jan. 31, 1912.

	Per doz.
Beauty, Long	$5.00 @ $6.00
" Medium	3.00 @ 4.00
" Short	1.50 @ 2.00
	Per 100
Richmond	$ 5.00 @ $12.00
Killarney	5.00 @ 12.00
White Killarney	5.00 @ 12.00
Carnations	1.50 @ 4.00
Valley	3.00 @ 4.00
Lilies	12.50 @ 15.00
Violets	.75 @ 1.00
Snapdragon.....bunch, 35c @ 75c	
Paper Whites	2.00 @ 3.00
Stevia	2.00
Romans	2.00 @ 3.00

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Boston, Jan. 31, 1912.

	Per 100
Beauty, Specials	$50.00 @ $60.00
" Extra	20.00 @ 30.00
" Short Stems	6.00 @ 15.00
Killarney	3.00 @ 16.00
White Killarney	2.00 @ 16.00
My Maryland	2.00 @ 12.00
Mrs. Aaron Ward	2.00 @ 12.00
Lady Hillingdon	2.00 @ 12.00
Richmond, Rhea Reid	4.00 @ 16.00
Carnations	2.00 @ 4.00
Cattleyas	30.00 @ 50.00
Cypripediums	6.00 @ 8.00
Pansies	.50 @ .75
Lily of the Valley	2.00 @ 3.00
Lilium Longiflorum	8.00 @ 10.00
Gardenias	4.00 @ 12.00
Violets	.50 @ .75
Sweet Peas	.50 @ .75
Antirrhinums	3.00 @ 5.00
Marguerites	1.00 @ 2.00
Paper White Narcissi	1.00 @ 1.50
Yellow Trumpet Narcissi	1.50 @ 2.00
Narcissus Poeticus	1.00 @ 1.50
Roman Hyacinths	1.00 @ 1.50
Mignonette	3.00 @ 8.00
Tulips	2.00 @ 3.00

St. Louis, Jan. 31, 1912.

	Per doz.
Beauty, Specials	$4.00 @ $5.00
" Extra	2.00 @ 3.00
" Shorts	1.00 @ 1.50
	Per 100
Bride, Maid	$ 6.00 @ $10.00
Richmond	6.00 @ 10.00
Maryland	6.00 @ 10.00
White Killarney	6.00 @ 10.00
Killarney	6.00 @ 10.00
Carnations	3.00 @ 4.00
Lily of the Valley	3.00 @ 4.00
Harrisii	10.00 @ 12.50
Orchids.....doz., $5.00 @ $6.00	
Violets	.60 @ 1.00
Paper Whites	2.00 @ 3.00
Romans	1.00 @ 2.00
Tulips	3.00 @ 4.00
Freesias	.75 @ 1.00
Sweet Peas	.75 @ 1.50

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20-inch	.75	4.50	40-inch	1.50	9.00
24-inch	.90	5.25	44-inch	1.75	10.25
28-inch	1.00	6.00	48-inch	2.00	11.50

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Chicago, Jan. 31, 1912.

	Per doz.
Beauty, long stems	$5.00 @ $6.00
" 36-in. "	4 00
" 30-in. "	3.00
" 24-in. "	2.50
20-in. "	2.00
15-in. "	1.50
" 12-in. "	1.25
" short "	.75 @ 1.00

	Per 100
Killarney	$ 6.00 @ $15.00
White Killarney	6.00 @ 15.00
Richmond	6.00 @ 15.00
My Maryland	6.00 @ 15.00
Mrs. Jardine	6.00 @ 15 00
Rhea Reid	6.00 @ 15.00
Mrs. Aaron Ward	6.00 @ 15.00
Rivoire (Bulgarie)	6.00 @ 15.00
Melody	6.00 @ 15.00
Perle	6.00 @ 10.00
Carnations	2.00 @ 4.00
Valley	3.00 @ 4.00
Easter Lilies	12.50 @ 15.00
Callas	12.50 @ 15.00
Cattleyas...per doz., $5.00 @ $6.00	
Violets	.50 @ 1.00
Sweet Peas	.75 @ 1.50
Paper Whites	2.00 @ 4.00
Romans	2.00 @ 3.00
Mignonette	4.00 @ 8.00
Freesia	2.00 @ 4.00
Tulips	3.00 @ 4.00
Jonquils	2.00 @ 4.00
Daffodils	3.00 @ 4.00

Pittsburgh, Jan. 31, 1912.

	Per doz.
Beauty, Specials	$5.00 @ $6.00
" Fancy	4.00
" Medium	2.00
" Short	1.00

	Per 100
Killarney	$ 4.00 @ $12.00
White Killarney	4.00 @ 12.00
Richmond	6.00 @ 20.00
My Maryland	4.00 @ 12.00
Carnations	2.00 @ 4.00
Cattleyas	60.00 @ 75.00
Oncidiums	4.00 @ 8.00
Valley	3.00 @ 4.00
Lilies	10.00 @ 12.00
Violets, double	.75 @ 1.00
Daisies	2.00
Paper Whites	3.00
Sweet Peas	.75 @ 1.25
Lilac.....per bunch, $1.00 @ $1.50	
Baby Primroses	.15
Mignonette	3.00 @ 4.00

Cincinnati, Jan. 31, 1912.

	Per doz.
Beauty, Extra	$3.00 @ $6.00
" No. 1	3.00
" No. 2	1.00 @ 1.50

	Per 100
Killarney	$ 4.00 @ $ 6.00
Richmond	4.00 @ 6.00
Bride	4.00 @ 6.00
Carnations	2.00 @ 3.00
Lilium Harrisii	10.00 @ 15.00
Lily of the Valley	3.00 @ 4.00
Cattleyas	60.00
Violets	.50 @ 1.00
Narcissi	3.00
Stevia	bunch, 35c
Sweet Peas	1.00 @ 2.00
Roman Hyacinths	3.00

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New York, Jan. 29, 1912.

	Per 100		
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" Extra	20.00	@	30.00
" No. 1	8.00	@	15.00
" No. 2	4.00	@	6.00
Bride and Maid	2.00	@	8.00
Killarney	2.00	@	10.00
My Maryland	2.00	@	10.00
Richmond	2.00	@	15.00
Chatenay	2.00	@	15.00
Jardine	2.00	@	12.00
Prince de Bulgarie	4.00	@	15.00
Lady Hillingdon	4.00	@	15.00
Orchids	30.00	@	50.00
Cypripediums	8.00	@	12.00
Carnations	1.00	@	3.00
Easter Lilies	6.00	@	10.00
Lily of the Valley	1.00	@	3.00
Gardenias...per doz., $0.50 @ $3.00			
Violets	.25	@	.60
Daisies	.25	@	1.50
Hyacinths	.50	@	1.00
Sweet Peas, doz. bches., $0.50-$1.50			
Narcissi .....bunch,	.15-		.25
Callas.....per doz.,	1.00-		2.00
Lilac.....per bunch,	.75-		1.00
Mignonette....per doz.,	.25-		.75
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All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Greens. Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

Mention The Review when you write.

GROWERS' CUT FLOWER CO.

Cut Flowers at Wholesale

J. J. COAN, Manager Consignments Solicited

111 West 28th Street, Telephone 6237 Madison Square. NEW YORK

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A. L. YOUNG & CO., WHOLESALE FLORISTS

54 West 28th St., Tel. 3559 Madison Square, NEW YORK

☞ Consignments of Choice Cut Flowers solicited. Prompt payments. Give us a trial.

Mention The Review when you write.

1888 **GUNTHER BROS.** 1911

Wholesale Florists

110 West 28th Street, Tel. 551 Madison Square, **New York**

Consignments solicited of

FRESH CUT FLOWERS

Always Mention the...

FLORISTS' REVIEW

When Writing Advertisers

H. LECAKES & CO.

53 W. 28th St., NEW YORK

Tel. No. 1415-1416 Madison Square



Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street, and 34th Street Cut Flower Market.



SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.

Green and Bronze Galax Leaves.

P. J. SMITH

Successor to John I. Raynor. Wholesale commission florist. Selling agent for largest growers. A full line of choice Cut Flower Stock for all purposes by the 100, 1000 or 10,000. Consignments solicited. Telephone 1998 Madison Square.

The Home of the Lily

49 WEST 28th ST., NEW YORK CITY

Mention The Review when you write.

RUSSIN & HANFLING

Office and Salesroom

114 West 28th Street, NEW YORK CITY

Tel. 3053 Madison Sq.

Manufacturers and Importers of

WILLOW AND FANCY BASKETS FOR FLORISTS

Dealers in Florists' Supplies

☞ Our Specialties, Wheat Sheaves and Baskets.

Mention The Review when you write.

WILLIAM H. KUEBLER

Wholesale Commission Dealer in

CUT FLOWERS

Room for the products of growers of first-class stock. We have what you want when you want it.

28 Willoughby St., Brooklyn, N. Y.

Telephone 4591 Main.

Mention The Review when you write.

ROSES AND CARNATIONS

Extra Fine—Fancy Ferns

Detroit Cut Flower Supply House

Wholesale Commission Florist H. V. PEARCE, Prop.

6 Adams Ave. W., Detroit, Mich.

Consignments solicited.

Mention The Review when you write.

George Saltford

WHOLESALE FLORIST

129 West 28th Street, Tel. Sa[illegible] Mad. Sq. New York City

We have room for a few more good growers. Prompt payments and top prices.

Mention The Review when you write.

Nursery Stock For Florists' Trade

Large General Assortment for Spring Planting

WRITE FOR TRADE LIST

W. & T. SMITH COMPANY, Geneva, N. Y.

300 ACRES — 65 YEARS

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Officers for 1911-12: Pres., J. H. Dayton, Painesville, O.; Vice-pres., W. H. Wyman, North Abington, Mass.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-seventh annual meeting, Boston, June 1912.

FRED D. CLAVEY, the nurseryman of Deerfield, Ill., has purchased the Selig farm, west of town.

THE New England Nurseries Co., of Bedford, Mass., has been incorporated, with a capital stock of $40,000, by John Kirkegeard, John E. Gilcreast and Bay Edward Estes.

Two experienced nurserymen, G. M. Fisher and J. Newton Moore, have purchased thirty-five acres of land near Sumas, Wash., and will start what will be known as the Sumas Nursery.

J. W. ADAMS & Co., the nurserymen of Springfield, Mass., have purchased forty acres of land bordering on the Boston & Albany railroad and the Westfield electric car line, and will begin planting the tract in the spring.

THE Western Michigan Nursery & Orchard Co. has been incorporated at Grand Rapids, Mich., with a capital of $25,000. The officers of the company are: President, Glen R. Munshaw; secretary, Earle W. Munshaw; treasurer, Harry Worfil; manager, Adrian Heyboer. The general offices will be at 14 to 16 North Ottawa street, Grand Rapids.

TENNESSEE NURSERYMEN MEET.

The Tennessee State Nurserymen's Association held its annual meeting at Nashville, January 26, in conjunction with the State Horticultural Association's meeting and that of the State Beekeepers' Association. The program was as follows:

MORNING SESSION.

Invocation—Dr. James I. Vance, Nashville.
Address of Welcome—Capt. T. F. Peck, commissioner of agriculture.
Response—J. H. Austin, Antioch.
"The Labor Question in the Nursery," by Robert Twitty, Taft.
"Coöperation in Selling Nursery Stock and Marketing Fruit," by T. B. Thackston, L. & I. agent Southern Railway, Bristol.
"Grasses," by H. A. Clarke, Wartrace.
Appointment of committees.
Nominations.
Auditing.
Resolutions.

AFTERNOON SESSION.

Executive meeting, report of committee, election of officers.
"Soil Improvement," by J. E. Converse, Crossville.
"Field Demonstrations," by H. D. Tate, special agent, U. S. department of agriculture.
"The Federal Inspection Bill," by W. H. Stark, Louisiana, Mo.
"Quiet Hours of the Nurseryman," by Robert S. Walker, Chattanooga.

EVENING SESSION.

President's Annual Address—A. J. Fletcher, Cleveland.
Delegate's report of the American Apple Congress, Denver, Colo., November 14 to 16, 1911, by Henry R. Howard, Chattanooga.

CALIFORNIA PRIVET

I have been growing Privet as a specialty for sixteen years. It takes experience to become proficient. If you will give me a trial order, you will be convinced. After you have placed an order with me, you can feel satisfied you are going to get stock graded in such a manner your customer will be more than pleased. I still have a large stock of good, bushy plants to offer. Let me quote you.

C. A. BENNETT

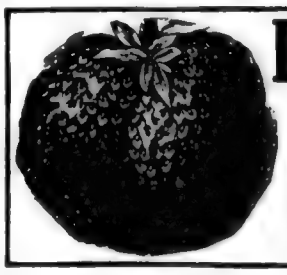
Robbinsville Nurseries — ROBBINSVILLE, N. J.

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City. Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS, Nurserymen and Florists RUTHERFORD, N. J.



Fall Bearing Strawberries

These Berries are truly wonderful. They bear fruit every fall as well as spring, three crops in two years. They have yielded as high as 10,000 qts. to acre in Aug., Sept. and Oct. of first year, with us. We cannot get enough fruit to supply the demand at 25c per qt. wholesale. I know of nothing in the fruit line quite so profitable. We are also headquarters for Plum Farmer, Idaho and Royal Purple Raspberries, Early Ozark Strawberry, Watt Blackberry, Hastings Potato. Catalogue of all kinds of Berry Plants free. Address **L. J. FARMER, Box 286, Pulaski, N. Y.**

HARDY CHOICE

ORNAMENTALS

Ask for Prices

Hiram T. Jones

Union County Nurseries, Elizabeth, N. J.

LEEDLE SPRINGFIELD ROSES

2½-in. Shipping — Booking — 4-in. Growing

FIELD GROWN SHRUBS IRIS THE USN CO PÆONIES ROSES

The United States Nursery Co.

Roseacres, Coahoma Co., MISS.

Double Pink Killarney

March delivery, $150.00 per 1000.

White Wonder Carnation

$6.00 per 100; $50.00 per 1000.

CYCLAMEN

In bud and bloom, 5-in., 30c; 6-in., 50c.

FERNS

Boston, Whitmani, Scholzeli,
5-in., 25c; 6-in., 40c.

Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Mention The Review when you write.

American Pillar Rose

PRICES—Strong 3 year (4 to 5 ft.), **$35.00** per 100; 2 year (3 to 4 ft.), **$25.00** per 100; plants from pots, hardened, 2½-in., **$10.00** per 100; f. o. b. West Grove.

THE CONARD & JONES CO.
WEST GROVE, PENNSYLVANIA

Mention The Review when you write.

California Privet

A full supply for all who need well grown, well graded, well rooted and well packed 2-year-old

California Privet

Only strong branches counted. Satisfaction guaranteed.

	Per 100	Per 1000
12 to 18 in., branches	$1.00	$ 5.00
18 to 24 in., 3 or more branches	1.50	10.00
25 to 30 in., fine, 4 or more branches	2.00	15.00
2½ to 3 ft., strong, 6 or more branches,	3.00	25.00
3 to 4 ft., extra h'v'y, 8 or more branches	4.00	30.00

10 per cent off on 5000 lots of the first four grades. Special low rates on car lots. Correspond before purchasing.

CHAS. BLACK, Hightstown, N. J.

Mention The Review when you write.

Asparagus Plumosus Seedlings

$1.00 per 100; $7.50 per 1000.

COLLINGDALE GREENHOUSES
COLLINGDALE, PA.

Mention The Review when you write.

KILLARNEY

Double Killarney is the best pink rose for warm weather. Contracts made for cuttings, eyes or own root plants.

JOHN WELSH YOUNG, Upsal Sta. P. R. R., Philadelphia, Pa.

Mention The Review when you write.

LARGE TREES

OAKS AND MAPLES, PINES AND HEMLOCKS

ANDORRA NURSERIES
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Mention The Review when you write.

JOHN SCOTT

Rutland Road and E. 45th St.,

BROOKLYN, N. Y.

Palms, Ferns and Decorative Plants

Mention The Review when you write.

ROSES

	GRAFTED		OWN ROOT	
	Per 100	1000	Per 100	1000
Double White Killarney (Reuter's Strain)	$30.00	$250.00	$25.00	$200.00
Lady Hillingdon	25.00	200.00	20.00	150.00
Rose Queen	20.00	150.00	15.00	100.00
Double Pink Killarney	20.00	150.00	15.00	100.00
Aaron Ward	20.00	150.00	10.00	90.00
Mrs. Taft	18.00	150.00	8.00	70.00
Melody	.....	.....	12.00	100.00
White Killarney, Pink Killarney and Richmond	15.00	120.00	7.00	60.00
Maryland	.....	.....	7.00	60.00

Our stock is grafted on English Manetti and is especially strong and clean. It is heavily rooted and as good as can be produced. Write for special prices on large quantities.

CARNATIONS

ROOTED CUTTINGS

	Per 100	1000		Per 100	1000
White Wonder	$6.00	$50.00	Bonfire	$6.00	$50.00
Gloriosa	6.00	50.00	Pink Delight	4.00	35.00
Washington	6.00	50.00	Mrs. C. W. Ward	3.50	30.00
White Enchantress, White Perfection, May Day, Afterglow, Winsor, Beacon, Ruby and Conquest				3.00	25.00

New Double Marguerite, Mrs. F. Sander

A good variety, very free and an easy grower. Strong plants, 2-in. pots, $5.00 per 100; $40.00 per 1000.

S. J. REUTER & SON, Inc., Westerly, R. I.

Mention The Review when you write.

YOU WHO WANT

Early Cuttings

Place your orders and get

IMMEDIATE DELIVERY

	Per 100	Per 1000
Enchantress, White Enchantress, Beacon	$3.00	$25.00
Gloriosa, White Wonder	6.00	50.00
Dorothy Gordon	$4.00 per 100;	$35.00 per 1000
Perfection	3.50 per 100;	30.00 per 1000
Winsor	2.50 per 100;	20.00 per 1000
Rose-pink Enchantress	2.50 per 100;	20.00 per 1000

For MUMS see classified advertisement.

J. D. Thompson Carnation Co., Joliet, Ill.

Mention The Review when you write.

ROSES FOR FORCING

"THE J. & P. PREFERRED STOCK"

We consider the deliveries we are now making to be the best plants we have ever grown. We have a few left for late buyers. **Crimson Rambler, Hiawatha, Veilchenblau (Blue Rambler), White Dorothy, Philadelphia Rambler, at $15.00 per 100; Tausendschon, $18.00 per 100; Dorothy Perkins, $12.00 per 100.**

BABY ROSES. Crimson, Baby Rambler, $15.00 per 100; Pink, Mrs. Cutbush, $15.00 per 100; White, Katherine Zeimeth, $15.00 per 100; Scarlet, Jessie, $3.00 per doz. (the BEST Baby Rose for pot culture).

The following bush Roses at $15.00 per 100: American Beauty, La France, Killarney, Hermosa, Leonie Lamesch, Hugh Dickson, Mme. Caroline Testout, Kaiserin, Duchess of Albany, Etoile de France, Clothilde Soupert, White Cochet Gruss an Teplitz, Anny Muller, Maman Cochet, Magna Charta. All fine forcing grade, the very best plants selected out of immense blocks.

HALF STANDARDS, Baby Ramblers, imported, at $3.00 per dozen.

JACKSON & PERKINS CO.

Rose Growers for the Trade. Wholesale Only. NEWARK, NEW YORK

Mention The Review when you write.

DAYTON, O.

The Market.

True it is that ofttimes "a bad beginning makes a good ending," and such was the case with last month's business. After the rush of the New Year's trade, the rustle of business sunk to a lull, and, practically speaking, there was "nothin' doin'" for three weeks. During this time stock of all kinds was ample to meet any kind of a demand, with a little left over for the ash barrel. These conditions prevailed up to last week, when business took a spurt. Stock of all kinds was in good demand, but carnations and roses were a little scarce. There is an abundant supply of lilies, which are easily disposed of. Besides these, one sees some fine callas and Melpomene on the market. In bulbous stock we have Roman and Dutch hyacinths, yellow and white narcissi, double and single daffodils, tulips, etc., all of fine quality. Then the violets, sweet peas and valley are abundant. Smilax is fine and in good supply, but Asparagus plumosus and Sprengeri are somewhat short. The demand for red roses keeps up well and the Beauty supply is scant. There was a good demand for carnations on McKinley day. Aside from cut flower orders, the funeral work demand has been chiefly responsible for the rushed condition of trade.

Various Notes.

L. A. Thomas, of Troy, O., tells us he is getting some big cuts on carnations and also reports business in Troy to be excellent.

Henry Ehrhardt, of Sidney, O., was in town January 28 and says that everything in the way of trade is quite gratifying with him.

During the last ten days the Miami Floral Co. has been doing a "house-cleaning" business; that is to say, nothing is left over from one day to another. They have been sending big shipments of giganteum to Chicago, St. Louis, Cleveland and Cincinnati.

We regret to report that Miss Amy Ewing is seriously ill with typhoid fever.

Mrs. E. Young is gaining strength daily, although she is still confined to her room.

Recent visitors have been J. J. Goudy, from Henry A. Dreer's, Philadelphia; I. Rosnosky, of Henry F. Michell Co., Philadelphia; Frank Farney, of M. Rice & Co., Philadelphia; S. S. Skidelsky, Philadelphia; Sam Seligman, from Wertheimer Bros., New York; Ralph M. Ward, of New York, besides several Hollanders. R. A. L.

Watervliet, N. Y.—W. W. Hannell has been supplying the Albany stores with a choice stock of cyclamen and heather.

Carnation Calyx



An effective cure for splits. Simple and indestructible, made of brass. Does not retard the growth of flower at all. A trial will convince. $2.00 per 100, delivered free when cash is with order.

MORTON R. TANK, Chatham, New York

Mention The Review when you write.

ROOTED CUTTINGS

CARNATIONS

Strong, clean, healthy stock; well rooted. Now ready

	100	1000		100	1000
Beacon	$2.50	$20.00	White Perfection	$2.00	$17.50
White Enchantress	2.50	20.00	Rose-pink Enchantress	2.00	17.50
Enchantress	2.00	17.50			

YOUNG ROSE STOCK

Ready about February 10

Perle, rooted cuttings.....$2.00 per 100; $15.00 per 1000

Ready now

Perle, 2½-inch.....$4.00 per 100; $30.00 per 1000

PETER REINBERG

30 East Randolph Street CHICAGO

Mention The Review when you write.

ST. NICHOLAS

We recommend St. Nicholas as an **all season** scarlet carnation.

Not only is it grand at Xmas time, but it is fine in October and June.

You need only one variety in scarlet, if you will grow St. Nicholas.

Wherever we have shown it, it has always been conceded to be the best scarlet on show.

Visitors at our place invariably substantiate this claim.

What more can we do to convince you that St. Nicholas is the finest scarlet in sight?

We are booked up to late February. Send in your order now, for late February or early March.

BAUR & STEINKAMP

Carnation Breeders Indianapolis, Ind.

Mention The Review when you write.

CARNATION GROWERS!!

RAINBOW

Glorified Prosperity

wins the first prize in the overlaid or Prosperity class at the **National Convention, Detroit.** Send your order now for February delivery. Our January cuttings are all sold. Remember, our cuttings are guaranteed. We can deliver half a million.

$12.00 per 100; $100.00 per 1000. 250 at 1000 rate. Liberal discount on large orders.

Cash or good reference.

WANOKA GREENHOUSES, BARNEVELD, NEW YORK

Mention The Review when you write

CARNATIONS

F. Dorner & Sons Co.

LA FAYETTE, IND.

Always mention the Florists' Review when writing advertisers.

Rooted Carnation Cuttings

of up-to-date varieties

List on application

LITTLEFIELD & WYMAN

NORTH ABINGTON, MASS.

Always mention the Florists' Review when writing advertisers.

SUNBURST



The winning new rose of the year. Has been exhibited at all the large shows of 1911-1912, and has won first place over every competitor.

Awarded 90 for culture by the N. Y. Florists' Club at Mr. C. H. Totty's place at Madison, N. J.

An enormous rose on long stems.

Absolutely continuous through the dark weather.

Foliage large and heavy.

Buds long and pointed.

Color, deep orange and pure gold.

Is being planted in quantity by all the best growers. Ready March 1, 1912.

Own Root, $ 30.00 per 100
250.00 per 1000

Grafts, 35.00 per 100
300.00 per 1000

Our grafts are superlatively fine this year.

THE E. G. HILL CO., Richmond, Ind.

CARNATIONS

PRINCESS CHARMING

Better than Enchantress.
Try it and convince yourself.
Rooted cuttings...$6.00 per 100; $50.00 per 1000
Unrooted cuttings 3.00 per 100; 25.00 per 1000

Immediate delivery.

XMAS CHEER

The scarlet pot carnation.
Rooted cuttings only, $6.00 per 100; $50.00 per 1000.

Henry Eichholz

WAYNESBORO, PA.

Don't Delay Ordering

Benora Carnation

NOW, for seasonable delivery.

Write for descriptive circular. Cultural directions with each shipment.

$12.00 per 100; $100.00 per 1000.

PETER FISHER, Ellis, Mass.

PROVIDENCE.

The Market.

Although the temperature last week ranged on an average below the freezing point, business generally has been satisfactory. Funeral work continues to maintain a good proportion, while several social functions help to keep things moving. There is a good supply of everything and prices are normal.

Various Notes.

Mr. and Mrs. Louis J. Reuter have arrived at their home in Westerly after a ten days' trip to Detroit, New York and Buffalo.

Macnair had an immense basket of 500 carnations for a big dinner recently.

Thomas F. Loughran, for many years a gardener at various estates on the east side, died at the Rhode Island hospital Thursday, January 25, aged 56 years. Death was due to a cancer on the neck. He laid out a number of the best known estates and had a reputation as a clever workman.

Lawrence Hay, of East Providence, had the large decorations at the Goddard residence recently.

Henry W. Harris, 61 years old, was found frozen to death in his yard Saturday night. He was a gardener, employed at various times on large estates in this vicinity. He leaves a wife and several children.

W. H. M.

ST. PAUL.

St. Paul is to have a flower show, national in its scope, in the Auditorium next November. Florists of this city have pledged a guarantee fund of $3,000, and completed arrangements to promote the affair under the auspices of the Minnesota State Florists' Association at a meeting January 26. L. L. May was elected president; O. J. Olson, vice-president; S. D. Dysinger, secretary, and C. F. Vogt, treasurer. By-laws will be drawn up and presented at a meeting February 7. L. L. May, Max Kaiser and O. J. Olson are on the committee to arrange a preliminary program and list of premiums.

Gardner, Mass.—A. S. Hunt, of Bellows Falls, Vt., has bought the greenhouses of Arthur E. Graves, on Chestnut street.



Express Prepaid on Rooted Cuttings. The finest ever. Satisfaction guaranteed to all parts of the United States. Verbenas, the very best named varieties, 70c 100; $6.00 1000; Fuchsias, the best named varieties, $1.00 100; $9.00 1000; Feverfew, Little Gem, $1.25 100; $10.00 1000; Coleus, all the finest select named varieties, 70c 100; $6.00 1000; Alternantheras, red and yellow, very strong, 60c 100; $5.00 1000; Ageratum, Little Blue Star, Stella Gurney and Imperial White, 60c 100; $5.00 1000; Sweet Alyssum, our big Double Giant, 80c 100; $6.00 1000; Daisy, White California, $1.00 100; $8.00 1000. 32,000 Vinca R. C., $1.00 100; $8.00 1000.

C. HUMFELD, Clay Center, Kan.

Mention The Review when you write.

ANTON SCHULTHEIS, College Point, L. I.

Headquarters for

DECORATIVE and FLOWERING PLANTS

Our Salesman in form of our Catalogue has been mailed.
Have you received yours?

DOUBLE WHITE KILLARNEY
KILLARNEY QUEEN—SUNBURST

are in **New Roses** the best offerings of the season, and we are in the market to supply the **best** that is to be had.

In **Yellow Roses,** which are in demand, we can supply in quantity:
LADY HILLINGDON, MRS. AARON WARD
and MELODY

IN STANDARD VARIETIES

KILLARNEY — WHITE KILLARNEY
RICHMOND — MRS. TAFT (A. Rivoire)
DOUBLE PINK KILLARNEY
MY MARYLAND — RADIANCE

CARNATIONS

Wodenethe, Brooklyn, White Winsor, Mrs. C. W. Ward,
White Perfection, White Enchantress,
Beacon and Winsor

CHRYSANTHEMUMS

Strictly Commercial Varieties.

CHADWICK SUPREME. The best late pink.
SMITH'S ADVANCE. The earliest white.
ROMAN GOLD. An excellent new yellow.

These, with a select list of Standard Commercial, profitable varieties that can be relied upon, are included in our Catalogue, with the best list of **Pompons** ever offered. **Best,** because there are no varieties offered that are not paying propositions commercially. Not a long list of names, but something that means profit for the grower.

BEDDING STOCK

Coleus, in quantity — Salvias — Heliotrope
Begonias, Lorraine and Cincinnati
Asparagus Hatcheri and Plumosus Nanus
Palms and Ferns

The sum and substance of our Catalogue is—

STANDARD COMMERCIAL STOCK AT STANDARD PRICES.

If you have not already received our Catalogue, write for it at once, remembering that **early** orders mean better service and earlier delivery.

A. N. PIERSON, Inc. CROMWELL CONN.



COMFORT

A Seedling of S. M. MERWARTH & BRO., Easton, Pa.

Parentage, HARLOWARDEN and ENCHANTRESS

As a medium-priced "red" it has a very promising future

From the Florex Gardens, North Wales, Pa., where this has been grown on trial, we have a letter under date of Nov. 24, 1911, saying: "So far we like the new seedling very much; the color of the flower is fine and the size good. The stems are stiff and the number of blooms to a plant shows it will be a good producer."

E. J. Weaver, of Ronks, Pa., who has been growing five hundred on trial, writes us under date of Jan. 8, 1912: "So far this season this variety has produced more than double the blooms Beacon has, planted in the same house, and I feel sure it will maintain its lead the balance of the season. It is of a much brighter color than Beacon, flower as large, with a good stem, and a calyx that practically does not split, not averaging more than one split flower a week from the five hundred plants."

Well-rooted Cuttings, $6.00 per 100, $50.00 per 1000

Our Usual Guarantee Goes with This Stock

P M QUALITY

S. S. PENNOCK-MEEHAN CO.

"THE" Wholesale Florists of Philadelphia

1608 Ludlow St., PHILADELPHIA, PA.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

	Per 100	Per 1000
Alma Ward, white	$4.00	$35 00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
Winsor, pink	3.00	25.00
Pink Enchantress	3.00	25 00
C. W. Ward, deep pink	4.00	35.00
Beacon, red	3.00	25.00

We have the cleanest stock in the West. If you want the best, then send us your early orders. We grow **only** the best commercial varieties, and save you that big freight and express charge from the East. Come any time and see us—and the flowers we grow.

W. H. Sawvel Floral Co.

116 Clinton Place, Kansas City, Mo.

Carnation Rooted Cuttings

Standard varieties and novelties.

Asparagus Plumosus and Sprengeri Seed. Cyclamen Seedlings and Plants.
See classified advs. Write for our 1912 catalogue.

S. S. Skidelsky & Co.

1215 Betz Bldg., Philadelphia, Pa.

Mention The Review when you write.

Western Headquarters for ROSE PLANTS

Poehlmann Bros. Co.

DOUBLE WHITE KILLARNEY (Poehlmann Strain)
Grafted Stock, $30.00 per 100, $250.00 per 1000

		100	1000
Grafted—			
Pink and White Killarney	2½-inch,	$12.00	$100.00
Richmond	2½-inch,	12.00	100.00
Maryland	2½-inch,	12.00	100.00
Mrs. Aaron Ward	2½-inch,	14.00	120 00
Melody	2½-inch,	14.00	120.00
Mrs. Taft or Prince de Bulgarie	2½-inch,	14.00	120.00
Sunburst	2½-inch,	35.00	
Own Root—			
Pink and White Killarney	2½-inch,	6 00	55 00
Maryland	2½-inch,	6.00	55 00
Richmond	2½-inch,	5.00	40.00
Antoine Rivoire, Mrs. Taft or Prince de Bulgarie,	2½-inch,	8.00	70.00
Radiance	2½-inch,	8.00	.....
Melody	2½-inch,	8.00	70.00
Aaron Ward	2½-inch,	8.00	70 00
Lady Hillingdon	2½-inch,	10 00	.....
Double Pink Killarney	2½-inch,	8.00	70.00

Orders are now booked for April, May, June and July delivery.
All goods sold for cash or 30 days on approved credit.

POEHLMANN BROS. CO., Wholesale Florists **Morton Grove, Ill.**

Mention The Review when you write.

CHOICE FERNS

FINE STOCK FOR IMMEDIATE SHIPMENT

Nephrolepis Giatrasii (the improved Scottii fern), 6-in., 75c each; 8-in., $1.50 each; 10-in., extra fine specimens, $3.00 to $5.00 each.
Nephrolepis Harrisii, 10-in., fine specimens, $3.00 to $5.00 each.
Nephrolepis Bostoniensis and Piersoni, 8-in., $1.00 and $1.50 each; 10-in., $3.00 and $4.00 each.
Nephrolepis Scottii, 6-in., 50c each; 8-in., $1.00 each; 10-in., $2.50 each.
Nephrolepis Elegantissima, 8-in., $1.00 and $1.50 each; 12-in., $5.00 and $7.50 each.
Nephrolepis Superbissima, 10-in., $3.00 each.
Nephrolepis Viridissima, 3½-in., 25c each; 6-in., 50c and 75c each; 8-in., $1.00 each; 10-in., $3.00 each
Nephrolepis Magnifica and Elegantissima Compacta, 3½-in., 25c each.

F. R. PIERSON CO., Tarrytown-on-Hudson, NEW YORK

Mention The Review when you write.

The New Carnation, BROOKLYN

A Reincarnation of the Old William Scott, but embodying additional and more important qualities

THE NEW "HELEN" PINK A beautiful Deep Pink after the style of the old William Scott, lighter than Lawson, grand under artificial light. Highly built-up center, petals fringed, habit of growth all that could be desired. Very easy propagator, fastest growth of any Carnation. Flowers 3-in. and larger. **Preliminary scoring, New York Florists' Club, 86 points. "Certificate of Merit" Horticultural Society of New York. TO BE DISSEMINATED 1911-1912.**

ROOTED CUTTINGS, ready now, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate.

Charles Weber
GROWER
Lynbrook, Long Island, **New York**

R. G. WILSON
Fulton Street and Greene Avenue
BROOKLYN, N. Y.

CHAS. H. TOTTY
Madison, N. J.

Mention The Review when you write

THE NEW SCARLET COMMERCIAL CARNATION

DELHI

Has again made good as a Christmas crop. $8.00 per 100 was the price of the blooms. January cuttings all sold. Booking orders for early February delivery now. If you want a commercial carnation that will bloom when you want a red for the holidays, get Delhi.
Good strong cuttings, 100, $10.00; 1000, $75.00; 5000, $65.00 per 1000; 10,000, $60.00 per 1000. 250 at 1000 rate.

WM. MURPHY,
309 Main Street,
CINCINNATI, OHIO.

S. S. SKIDELSKY & CO.
1215 Betz Building,
PHILADELPHIA, PA.

Mention The Review when you write.

MILWAUKEE.

The Market.

The drift of business last week ran mostly to funeral work and it was a rather difficult task to get enough light colored stock to fill orders. The supply of carnations was hardly equal to the demand at any time, and roses, in the light shades, were also short of the demand.

It seems strange that there are so many split carnations coming in daily; not from only a few growers, but from all alike.

Various Notes.

McKinley day did not create an unusual demand for carnations locally. While a few extra were bought, the increase was not sufficient to indicate that they were intended for that special occasion.

The C. C. Pollworth Co. made special efforts to create a demand for carnations for McKinley day, but reports that while the shipping orders during the last part of the last week used more carnations than usual, the day did not cut much figure locally.

The Holton & Hunkel Co. is now harvesting its annual crop of Asparagus plumosus seed at the Brown Deer plant. Their Beauties are coming along finely and prospects are promising for a good crop soon.

Gust Rusch & Co. say that last week was a busy one, with both shipping orders and local business on the increase.

Visitors: Adam Zender, Rogers Park, Ill.; Louis Otto, Neenah, Wis.; E. J. Fancourt, of S. S. Pennock-Meehan Co., and M. Reukauf, of H. Bayersdorfer & Co., Philadelphia. E. O.

Three Knocks at Our Door

"Who is there at such a late hour?" remarked our maid. "I have been wandering around for miles to see Mr. Godfrey Aschmann," remarked a fellow florist, looking tired and weary, almost played out, the other day. "I am at the right place, 1012 Ontario street," and knowing Mr. Aschmann, standing right before him, he told him his trouble. "I have been looking for good ferns for my customers for the past week and I have been told to go and see Mr. Aschmann, he making a specialty of ferns. What have you got to offer?" One of our workmen brought a lantern and you ought to have seen how our new visitor was impressed with them, and ordered to be delivered at once, 50 Whitmani, 6-inch, at 50 cents; 25 Boston, 6-inch, at 50 cents; 25 7-inch, at 75 cents; 50 Scottii at 50 cents; 50 Scholzeli, 5½-inch, at 40 cents; 25 6-inch, at 50 cents; 25 7-inch, at 75 cents and, to make the collection complete, 50 8-inch, at $1.00, $1.25 and $1.50. Total, 300 ferns in all.

We have a large stock of **Boston, Whitmani, Scholzeli and Scottii,** 5½, 6, 7, 8-inch, at 30 cents, 40 cents, 50 cents, 75 cents, $1.00, $1.25 to $1.50. **Giatrasii,** 4-inch, 20 cents; 5 to 5½-inch, 30 to 40 cents. Good ferns are always in demand, both in winter and spring. Here is your chance to lay in a supply before all are gone. Cash with order, please.

GODFREY ASCHMANN, 1012 W. Ontario St., Philadelphia, Pa.

Mention The Review when you write.

40,000 S. A. NUTT

To be disposed of at once to make room for later stock; consisting of 2½-inch and 3¼-inch, all ready to shift. They are strong and healthy plants.

We also have about **12,000 Mixed Plants** (mixed by mistake), that we are offering at a bargain; they are unnamed, but consist of single and double white, single and double pink and single and double red. Write for prices.

The Meredith Flower & Vegetable Co., LIBERTYVILLE, ILL.

Mention The Review when you write.

FERNS FOR DISHES

Assorted varieties, 2¼-in pots, $3.50 per 100; $30 00 per 1000.
Asparagus Plumosus,
2¼-in. pots, $3 50 per 100; $30 00 per 1000; 3-in. pots, $6.00 per 100.
Cash with order. 500 at 1000 rate.
FRANK OECHSLIN. 4911 W. Quincy Street, CHICAGO, ILL.

Always mention the Florists' Review when writing advertisers.

Julius Roehrs Co.
RUTHERFORD, N. J.
Palms, Plants, Orchids, Etc.
Send for Price List.

Always mention the Florists' Review when writing advertisers.

PLANTS WELL FLOWERED

Cyclamen, fine assorted, 4-inch, 20c; 5-inch, 35c.
Primula Obconica Grandiflora and Gigantea, best colors we ever had, 4-inch, 15c.
Primula Kewensis, 5-inch, 25c.
Begonia Glory of Cincinnati, 4-inch, 35c.
Cinerarias, 5-inch, 25c.
Cinerarias, budded, 4-inch, 15c.
Carnations, 4-inch, 15c.

FERNS——Boston, Piersoni and Whitmani

That dark green kind, 5-inch, 35c; 6-inch, 50c.

Ferns, assorted pan varieties, $5.00 per 100.
Asparagus Plumosus, 2-inch, $3.00; 3-inch, $6.00; 4-inch, $15.00 per 100.
Kentia Belmoreana, 4, 5 and 6-inch, at 35c, 75c and $1.00.

C. H. FREY, = Lincoln, Neb.

Mention The Review when you write

PLANTS YOU NEED

CHINESE PRIMROSES, 4-in., full of bud and bloom, extra fancy mixed, $7.50 per 100.
PRIMULA OBCONICA, 4-in., mixed, full of bud and bloom, $5.00 per 100.
CINERARIAS, fancy mixed, 4-in. plants, $5.00 per 100.
ASPARAGUS SPRENGERI, large 4-in., $6.00 per 100.
CYCLAMEN, 3-in., 6 colors, $7.50 per 100.
SNAPDRAGONS, 3-in., white, pink, yellow, $5.00 per 100; $45.00 per 1000.
MARGUERITES, large 2½-in. plants, white and yellow, $2.25 per 100.
HELIOTROPES, 2½-in., 8 kinds, $2.50 per 100.
FUCHSIAS, 2½-in., 12 kinds, including Little Beauty and Storm King, $2.50 per 100.
PELARGONIUMS, Lady Lloyd, 2½-in., $4.00 per 100.
ALTERNANTHERAS, red and yellow, 2¼-in., $2.00 per 100; $18.00 per 1000.
ALTERNANTHERAS, Brilliancy, 3-in. plants, $3.00 per 100.
DOUBLE PETUNIAS, 3-in., 12 kinds, $5.00 per 100.
SMILAX, large 2½-in., $2.00 per 100.
GERANIUMS, 2½-in., in abundance. Poitevine, Grant, Ricard, Buchner, Montmore, Perkins, La Favorite, Roseleur, Nutt, etc., A-1 plants, $2.50 per 100; $22.50 per 1000.
CANNAS, 15 fancy kinds, mixed, $1.50 per 100; $14.00 per 1000.
CLIMBING CRIMSON BABY RAMBLER ROSE BUSHES, 4 or 5 branches, 3½ feet tall, 50 cents each; $4.00 per doz.
PURE GREENHOUSE FERTILIZER, $2.50 per bag.

FLOWER SEEDS.	Per Trade Pkt.
VERBENAS, extra fancy, mixed, $1.15 per oz.	25c
PETUNIAS, Single. All kinds mixed.	25c
PANSY, finest mixed	25c
DUSTY MILLER	15c
VINCAS, mixed	15c
SWEET ALYSSUM	10c

Send your order now. This adv. may not appear again.

ALONZO J. BRYAN, Wholesale Florist,
Washington, New Jersey
Mention The Review when you write.

G. DREYER

Tel. 228 Newtown
Jackson Ave. ELMHURST, L. I.
DECORATIVE PLANTS

Hydrangea Otaksa

For Easter and Decoration Day

6-inch, pot-grown, well branched and set with flower buds.
Otaksa, with 5 and 6 branches, at $20 00 per 100; 4 branches at $15.00 per 100. **Souvenir de Claire,** fine pink, same color as Gloire de Lorraine Begonia, same price; also 7-10 branches latter variety, $25.00 per 100.

Jackson & Perkins Company

Wholesale Florists and Nurserymen
Newark, Wayne Co., New York State
Mention The Review when you write

Rooted Cuttings

Begonias, flowering kinds, $1.75 per 100.
Verbenas, 70c per 100; $6.00 per 1000.
Pelargoniums, $2.50 per 100.
Ageratums, 60c per 100; $5 00 per 1000.
Daisies and **Salvias,** $1 per 100; $8 per 1000.
Petunias, $1 25 per 100; $10.00 per 1000.
Coleus, 70c per 100; $6.00 per 1000.

All good varieties and named.
Express paid on all rooted cuttings.
Cash with order.

S. D. BRANT, Clay Center, Kan.

Mention The Review when you write.

FERNS AND ASPARAGUS

Nephrolepis Whitmani, Scottii and **Bostoniensis,** 6-in. pots 35c each; 7-in., 75c each.
Asparagus Plumosus, 3-in., $5.00 per 100.
Cash with order.

ASCHMANN BROS.
Second and Bristol Sts., PHILADELPHIA
Mention The Review when you write.

Cyclamen Seedlings and R. C., Etc.

We have a fine lot of Cyclamen Seedlings, very good imported strain, to offer in 6 separate varieties, $1.50 per 100; $12.50 per 1000.

	Per 100	1000
Moonvines, white, R. C., extra fine and clean. We have 10,000 of these.	$1.50	$15.00
4000 **English Ivy,** R C.	1.00	10.00
3000 **Lantanas,** R. C., in 3 varieties.	1.50	12.50

Hydrangea Otaksa, dormant, 3-in., $8.00 per 100; 4-in., $15.00 per 100; 5-in., $25.00 per 100.

We solicit your patronage.

D. U. Augspurger & Sons Co.

PEORIA, ILL.
Mention The Review when you write

FERNS---ROSES ....BEGONIAS....

Amerpohlii, Barrowsii, Scottii, Elegantissima, Boston, Jacksoni, Piersoni, Sword, Whitmani, 2½-in. pots, $4.00 per 100; 4-in., $15.00 per 100.
Rex Begonias, assorted varieties, 3-in. pot plants, $5.00 per 100; $45.00 per 1000.
Roses our specialty. Ask for quotations.

The Dingee & Conard Co., West Grove, Penna.
Mention The Review when you write.

CHAS. D. BALL

GROWER OF
PALMS, ETC.

Send for Price List
BOLMESBURG, · · PHILADELPHIA, PA
Mention The Review when you write.

BALTIMORE.

The Market.

The cold, wintry weather during the short days, and the great number of cloudy days, have had a decided effect on the cut flower market. Roses have been short in supply since Christmas and it has been difficult for the growers to supply the demands. Carnations are being received in fair quantities, and although the receipts are considerably smaller than two weeks ago, yet there is enough to meet the demand. If the bad weather continues, however, there will be a shortage in carnations as well as in roses.

Valley is in good supply, with a steady demand. There is a good call for lilies and the price has advanced. Paper White narcissi are about the only flowers on the market which are in noticeable oversupply—really a glut. Sweet peas are coming in quite heavily, but are finding good sales. Stevia has about disappeared from the counters. Tulips are plentiful and of various degrees of quality; the short-stemmed grades do not realize more than half price. Golden Spur narcissi are seen in large quantities and are in good demand. There is a considerable trade in pot plants, such as azaleas, cyclamens and begonias.

Various Notes.

James Hamilton is getting all the material in good shape for his new greenhouse, 40 x 250, which will be planted with roses. It will have a concrete foundation. This will make fourteen large houses at this establishment, nearly all used for cut stock.

Harry J. Quick will erect three greenhouses, each 25 x 100, for carnations. The foundations will be concrete.

The Gardeners' and Florists' Club will celebrate its twenty-fifth anniversary March 11, with a banquet at the Belvidere hotel. It will include the ladies. It is expected that every member will attend. Q.

Miller's Giant Obconicas

Will come in for Easter flowers, average larger than silver dollars, on long stems, fine for cutting also. Extra strong, 3-in., $5.00 per 100.

Cinerarias, the largest flowering grown, fine shades; large 3-in., $3.50 per 100.

Cyclamen Giganteum, in bud, 4-in., $10.00 per 100; 3-in., $5.00 per 100.

Asparagus Plumosus, strong, 3-in., $3.00 per 100; 2-in., $2.00 per 100. Special price by the 1000.

Asparagus Sprengeri, 2-in., $1.50 per 100.

Chinese Primrose, coming in bloom, 3-in., $4.00 per 100.

Kewensis Primrose, for cut and pot plants, sweet scented, 3-in., $4.00 per 100.

These are well grown plants and will please you.

Cash, please.

J. W. MILLER, Shiremanstown, Pa.

Mention The Review when you write.

Asparagus Plumosus, 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Asparagus Sprengeri, 2-in. pots, $2.00 per 100; 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Smilax, 3-in. $4.00 per 100.

Ferns, Boston, Whitmani, Scottii and Scholzeli, 4-in. pots, $2.00 per doz.; 5 in., $3.00 per doz.

Dracaena Indivisa, 3-in. pots, $4.00 per 100.

Daisies, white, Paris, Giant, 2½-in. pots, $3.00 per 100.

Clematis Paniculata, strong plants, 2-yr.-old, $10.00 per 100; 1-yr.-old plants, $5.00 per 100.

Hardy English Ivy, 4-in. pots, $10.00 per 100; 3-in. pots, $5.00 per 100.

C. EISELE

11th & Westmoreland Sts., Philadelphia, Pa.

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Heacock's Palms and Ferns

HOME-GROWN—STRONG AND HEALTHY

Our Palm sales have increased more than 44% during the year 1911 over the sales of the previous year. We are still strong on the following sizes:

Areca Lutescens

	Plants	Height	Each
9-in. cedar tub.	Several in tub.	5 ft.	$7.50

Kentia Belmoreana

	Leaves	Height	Each	Doz.
2½-in. pot	4	8 to 10 in.		$ 1.50
3-in. pot	5	12 in.		2.00
5-in. pot	6 to 7	18 in.	$0.50	6.00
6-in. pot	6 to 7	24 in.	1.00	12.00
7-in. cedar tub.	6 to 7	34 to 36 in.	2.50	30.00
7-in. cedar tub.	6 to 7	36 to 38 in.	3.00	36.00
9-in. cedar tub.	6 to 7	40 to 45 in.	4.00	48.00
9-in. cedar tub.	6 to 7	42 to 48 in.	5.00	
9-in. cedar tub.	6 to 7	48 to 54 in.	6.00	

Cocos Weddelliana

		Per 100
2½-in. pot,	8 to 10 in. high	$10.00

Made-up Kentia Forsteriana

	Height	Each	Doz.
7-in. cedar tub, 4 plants	36 in	$2.50	$30.00
7-in. cedar tub, 4 plants	36 to 40 in.	3.00	36.00
9-in. cedar tub, 4 plants	40 to 42 in.	4.00	48.00
9-in. cedar tub, 4 plants	42 to 48 in.	5.00	60.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
6-in. pot, 18 to 20-in. spread	1.50
7-in. cedar tub, 18 in. high, 24-in. spread	2.00

Cibotium Schiedei

9-in. cedar tub, 4-ft. spread	4.00
9-in. cedar tub, 5-ft. spread	5.00
9-in. cedar tub, 5 to 6-ft. spread	6.00

Joseph Heacock Co., Wyncote, Pa.

Railway Station, JENKINTOWN

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SPECIAL OFFER

PALM PHOENIX ROEBELENII

From 4-inch pots, ready to shift to 5-inch, $30.00 per 100
From 6-inch pots, $60.00 per 100

5 % Discount for Cash

JOHN LEWIS CHILDS, FLORAL PARK, Long Island, N. Y.

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Booking Orders NOW for

HELEN NEWBERRY

The Fine Late White Pompon Chrysanthemum

DELIVERY MARCH 1, 1912—ORDERS FILLED IN ROTATION

Prices

100 for $15.00 50 for $7.50 25 for $5.00 12 for $3.00

Send orders to

FRED PAUTKE
Grosse Pointe, Mich.

OR

FRED BREITMEYER
Mt. Clemens, Mich.

NOW IS THE TIME TO CONSIDER

CHRYSANTHEMUM

REQUIREMENTS FOR 1912

It is unnecessary to spend much time and money in setting forth the merits of our products. Our past introductions have (as every florist knows) been of the highest grade.

Our 1911 Novelties were the best offered last year.

Our 1912 Novelties are unequaled by any others.

Ask for our Catalogue. Send your order early and we will do the rest.

Elmer D. Smith & Co., Adrian, Mich.

Pot-Grown Ferns

NEPHROLEPIS

Scottii, Whitmani, Bostoniensis, Piersoni
4-inch, 15c each; 5-inch, 25c each; 6-inch, 50c each; 7-inch, 75c each; 8-inch, $1.00 each.
Large plants .....$1.50 to $3.00 each

CIBOTIUM SCHIEDEI

7-inch $2.00
9-inch 5.00
10-inch tub 7.50

PALMS

Areca Lutescens, 3-inch, 15c; 4-inch, 25c; 6-inch, $1.00; 9-inch, $5.00; 10-inch tub, $6.00.
Latania Borbonica, 4-inch, 20c; 5-inch, 30c.
Kentia Forsteriana—
4-inch pots.....$25.00 and $35.00 per 100
5-inch pots..... 50.00 and 75.00 per 100
6-inch pots..... 1.00 each
7-inch pots..... 2.50 each. Fine plants.
Kentia Forsteriana—
Combination .....$3.00 to $15.00 each
Kentia Belmoreana—
3-inch pots .....$18.00 per 100
4-inch pots .....$25.00 and 35.00 per 100
5-inch pots ..... 50.00 and 75.00 per 100
Kentia Belmoreana—
Larger plants,.....from $2.50 to $10.00 each
Cocos Weddelliana, 2½-inch pots..$15.00 per 100

FICUS PANDURATA

5-inch $0.75
6-inch 1.50
8-inch 3.00

FICUS ELASTICA

4-inch $0.25
5-inch ..... .35
6-inch .....50c and .75
7-inch .....75c and 1.00

DRACAENA MASSANGEANA

5-inch $1.00
6-inch 1.50
7-inch 2.50
8-inch 3.00

DRACAENA TERMINALIS

4-inch $0.35
5-inch ..... .50

DRACAENA LORD WOLSELEY

4-inch.....$0.50
5-inch ..... .75

PANDANUS VEITCHII

4-inch $0.50
5-inch ..... .75
6-inch 1.00
7-inch 1.50
8-inch 2.00

ASPIDISTRAS

Variegated, 5-inch, strong.....$1.25
Green, 6-inch, strong..... 1.00

ARAUCARIAS

Compacta, 5-inch $1.25
Compacta, 6-inch 1.75
Excelsa, 5-inch ..... .50
Excelsa, 6-inch .....75c and 1.00

CHINESE PRIMROSES

4-inch $0.10
5-inch ..... .20

PRIMULA OBCONICA

4-inch $0.10
5-inch ..... .25

ASPARAGUS SPRENGERI

2¼-inch.....$3.00 per 100

ASPARAGUS PLUMOSUS

2¼-inch $0.04

VINCA

Rosea, Rosea Alba, Alba, 2¼-in.....$2.50 per 100

JOHN BADER CO.

1826 Rialto St., N. S., PITTSBURGH, PA

Mention The Review when you write.

ORCHIDS

We are now booking orders for the **Spring Importations.** Placing orders now insures to you an early delivery and **best results.**

Send for Catalogue.

G. L. FREEMAN, Wellfleet, Mass.

Mention The Review when you write.

ORCHIDS

Greatest quantity and variety in the country, and for all purposes. We are now booking orders for **freshly** imported stock for next year. Write for prices.

LAGER & HURRELL, Summit, N.J.

Mention The Review when you write.

Seasonable Plants

At bargain prices, for immediate delivery, to make room for planting. All fine stock.

Carnation White Wonder, fine cuttings, ready now, $5.50 per 100. Write for price on 5000.

200 **4-inch Genista,** for Easter blooming, $1.00 per doz.

100 **Jerusalem Cherries,** right for February 22, 12½c each.

5000 **Godfrey Calla,** $35.00 per 1000.

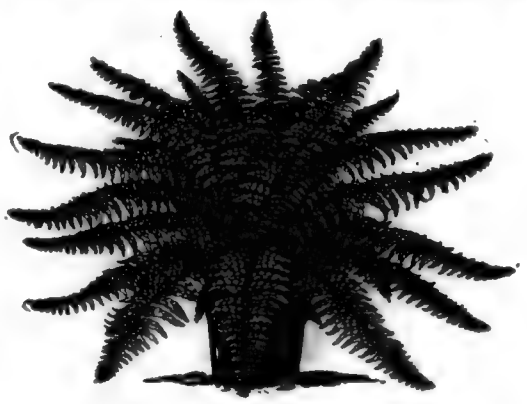
5000 **Adiantum Croweanum,** 10c each.

100 **Primula Chinensis,** 5-inch, in full bloom, $1.00 per doz.

500 **Mrs. Sander Daisy** (new), 6c each.

FRED H. LEMON & CO., Richmond, Ind.

Mention The Review when you write.



ROOSEVELT.

	2½-in. 100	4-in. 100	5-in. 100	6-in. 100
Boston	$3.50	$12.00	$25.00	$40.00
Whitmani	3.50	12.00	25.00	40.00
Todeasides	3.50	12.00	25.00	40.00
Scottii			25.00	40.00

Asparagus Plumosus, 2-in., $2.00 per 100; $18.00 per 1000; 2½-in., $3.50 per 100; $30.00 per 1000; 3-in., $5.00 per 100; $45.00 per 1000.

Per 100
Coleus Christmas Gem $2.50

Roosevelt Ferns

This fern will undoubtedly take the place of Boston in the near future. It is a faster grower, makes twice the runners and finishes up into a large plant in shorter time. 2½-inch, $2.50 per dozen; $17.50 per 100; $150.00 per 1000.

Per 100
Violets, Wales.....$2.50
German Iris, Florentina Alba, earliest large-flowering Iris..... 2.50
Iris Pallida Dalmatica, lavender, shaded blue..... 8.00
Clematis Paniculata, 2-in., $2.50 per 100; $20.00 per 1000; field, 1-year, $4.00 per 100; 2-year, $8.00 per 100.
Phlox Miss Lingard, field clumps, $4.00 per 100; $35.00 per 1000.

THE REESER PLANT CO., Exclusively Wholesale Plantsmen **SPRINGFIELD, OHIO**

Mention The Review when you write.

LOOK! A BIG BARGAIN!!

1000 Asparagus Plumosus, big plants in 4-inch pots, suitable to cut; look, worth double, only 10 cents each; 2000 3-inch, only $5.00 per 100; 5000 2½-inch, large plants, last spring (April) raising, only $3.00 per 100.

We also have a fine lot, best colors, of **Chinese Primroses** (J. Rupp's superior strain), in 5¼-inch pots, in bloom; to make room for an extensive Easter stock we will sell you them at a great reduction, from $3.00 per dozen to $1.50 per dozen; 4-inch, 10 cents, or $1.00 per dozen.

Lilium Multiflorum, raised from selected 9 to 10-inch bulbs, from the Yokohama Nursery Co.; from 4-inch pots, 20 cents; from 6-inch pots, 25 cents to 30 cents. All ready started, about 6 to 10 to 12 inches high, right for Easter blooming.

GODFREY ASCHMANN, 1012 W. Ontario St., Philadelphia, Pa.

Mention The Review when you write.

Orchid Peat

(Osmunda Fiber)

Price list and samples on request.

The C. W. BROWNELL CO.

WALDEN, N. Y.

Mention The Review when you write.

FERNS

4-inch, heavy stock, $12.00 per 100. Boston, Barrowsii and Elegantissima.
Also 2¼-inch Boston, $3.50 per 100.

Wagner Park Conservatories

SIDNEY, OHIO

Mention The Review when you write.

COLUMBUS, O.

The Market.

Trade is brisk at present, with stock rather scarce; there has been quite a shortage on roses on several occasions, and even carnations are short at times. We have had an unusual amount of funeral work lately, which has used up lots of stock. Roses are good and some extra fancy stock has been coming in that brings top notch prices. Carnations have been coming in quite heavily considering the weather, but there are times when we could use a great many more.

Sweet peas are good sellers, with rarely enough to go the rounds. Valley has also been quite scarce, but with demand rather light. A few tulips are to be seen and single jonquils have made their appearance and are certainly a welcome addition to the list of stock. Lilies have not been plentiful for some time.

Blooming plants have been moving nicely, with azaleas and cyclamen taking the front row.

Various Notes.

McKinley day here did not amount to much. It was nothing compared with a few years ago and it seems to be getting lighter as the years go by.

Sherman Stephens reports things moving nicely at his place, with stock scarce.

Wm. Graff is visiting in West Baden and Chicago for a week or two.

James McKellar, of the Fifth Avenue Floral Co., is on deck again, but obliged to use a cane. Trade is quite good at their store, considering the inconvenience caused by the fire. It will be several weeks before things are straightened out in good shape.

E. Metzmaier reports good business.

The Franklin Park Floral Co. also reports good business. J. M.

Charles City, Ia.—M. H. Wetherbee has added two houses, each 28x123, and has planted one of them with carnations and the other with roses. His grower, Edward Schuster, is showing his ability to produce first-class stock.

Our Stock of Ferns

On January 20th invoiced, was 35,369. This consists of Bostons, 2½ in. to 10 in.; Whitmani, 2½ in. to 8 in.; Amerpohlii, 2½ in. and 5 in.; Roosevelt, 2½ in., 4 in., 5 in., 6 in.; Piersoni, 2½ in. to 6 in.; Plumosus, 2½ in. to 5 in.; Maidenhair, 2½ in. and 3 in. Small assorted ferns, 2½ in.; Sprengeri, 2½ in. to 6 in.; Scottii, 4 in. This makes a total of over thirty-five thousand. If you are interested in ferns at all, kindly send us list of sizes you would like and we will quote you special price, as we need both cash and room.

Be sure to ask for our Easter list.

GEO. A. KUHL

Wholesale Grower

PEKIN, ILL.

Mention The Review when you write.

20% DISCOUNT ON PLANTS AND R. C. **Asp. Pl. Nanus**, 2-in., 2c; 3-in., 4c. **Alternantheras**, best red and yellow, R. C., 50c per 100. **Dracaena** Indivisa, 2-in., strong, 1½c. **Daisies**, giant marg., white and yellow, 2-in., 2c; **Double Hardy** Snowball and Longfellow, $2.00 per 1000. **Alyssum**, Double Giant, 2-in., 2c. **Fuchsias**, 5 kinds, R. C. $1.00 per 100; small, 3-in., bargain at 2c net. **Heliotropes**, blue, R. C., 70c per 100; 2-in., 1½c. **Primula**, Chinese, fringed, mixed, 2-in., bud and bloom, 1¾c; 3-in. Chinese and obc. gigantess, in pink shades, 3c. **Salvias**, Bonfire and Splendens, R. C., 75c per 100. **Coleus**, Bedders, R. C., 60c.

Discount until Feb 15. Cash with order only.

E. W. Byer, Prop. S. Fl. Co., **Shippensburg, Pa.**

Mention The Review when you write.

Geraniums

We have a splendid assortment of standard varieties and novelties ready for immediate shipment, from 2-inch pots, at prices from $2.00 per 100, $18.50 per 1000, up to 50c each.

If you haven't our catalogue, send for it.

SPECIAL OFFER:

For Cash; we will send 1000, 50 each of 20 varieties, our selection, all good kinds, will include some Ivy-Leaved if desired, for **$18.50**; 6000 for **$105.00.**

	2-inch Per 100	3-inch Per 100
Scented Geraniums, Rose, Nutmeg, Lemon, etc.	$2.00	$3.00
Silver-Leaf S. A. Nutt, Mountain of Snow, Mrs. Pollock,	3.00	4.00
Ivy Leaved, Rycroft's Surprise, Mrs. Banks, etc.	2.00	3.00
Lobelia Kathleen Mallard	2.00	
Hardy English Ivy, strong stock		3.00
Double Petunias, mixed colors and white	2.00	3.00
Verbena, red, white, blue, pink and variegated	2.00	3.00
Lemon Verbena (Aloysia Citriodora)	2.00	3.00
Swainsona Alba	2.00	3.00
Tradescantia Zebrina Multicolor	3.00	
Coleus, 10 varieties, Verschaffeltii, Golden Bedder, etc.	2.00	3.00
Salvias, Bonfire, Zurich, propagated from cuttings	2.00	3.00

R. Vincent, Jr., & Sons Co., White Marsh, Md.

Mention The Review when you write.

STOCK ALWAYS NEEDED

Small Ferns for dishes—Pteris Mayii, Serrulata Cristata Variegata, Wimsetti, Cretica Albo-Lineata, $3.00 per 100, $25.00 per 1000.

Aspidium Tsussimense and Cyrtomium Falcatum, $3.50 per 100, $30.00 per 1000.

Asparagus Plumosus, 2½-in., $3.00 per 100, $25.00 per 1000.

Asparagus Sprengeri, 2½-in., $2.50 per 100, $22.00 per 1000.

Pandanus Utilis, 3-in., $10.00 per 100; 4-in., $20.00 per 100.

Cocos Weddelliana, 2½-in., $10.00 per 100.

Anthericum Variegatum, 4-in., strong, $8.00 per 100.

Rhododendron, special forcing varieties, 8 to 12 buds, 18 in. high, 75c each; 12 to 14 buds, 24 in. high, $1.00 each. Bright colored sorts with perfect foliage.

Azalea Mollis, easily forced, 12 to 15 in. high, full of buds, 25c each; 15 to 18 in. high, full of buds, 35c each.

Kentia Belmoreana, 6-in. pots, 5 to 6 leaves, 24 in. high, $1.00 each; 7-in. pots, 6 leaves, 24 to 26 in. high, $1.50 each.

Kentia Forsteriana, 7-in. pots, 40 to 44 in. high, 5 to 6 leaves, $2.50 each; 8-in. pots, 44 to 48 in. high, 5 to 6 leaves, $3.50 each.

Forcing Spiraea Clumps, extra quality. No better proposition for Easter or Memorial day.

Floribunda, $5.00 per 100; $45.00 per 1000.
Gladstone, $10.00 per 100; $90.00 per 1000.
Superba, $6.00 per 100.
Queen Alexandra, $12.00 per 100.
Blondine, $6.00 per 100.
Japonica, $4.00 per 100.

BEDDING STOCK.

You will want to start soon.

Heliotropes. Czar, Czarina, Jersey Beauty, etc., $2.50 per 100.

Coleus—Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.

Geraniums—Standard market sorts, established plants, $3.00 per 100, $25.00 per 1000.

Flowering Begonias, good assortment, $3.00 per 100.

Croton Aurea Maculata—3-in. pot plants, $8.00 per 100.

English Ivy—Strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.

Violet—Hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000.

THE STORRS & HARRISON CO.,

Painesville, Ohio.

Mention The Review when you write.

F. S. SMITH

Feverfew, 2¼-in., $3.00 per 100.
Coleus, mixed, $2.50 per 100.
Godfrey Callas, 4-in., $6.00; 2¼-in. $4.00 100

880 W. 38th St., Indianapolis, Ind.

Always mention the Florists' Review when writing advertisers.

DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

DAVID HERBERT & SON

ATCO, N. J.

Always mention the Florists' Review when writing advertisers.

REPLENISH YOUR STOCK

Look over this list and you'll probably find many items that your holiday trade completely cleaned out, but which you need for the winter and spring demand. Our stock is in fine shape and ready for immediate shipment.

LET'S HAVE YOUR ORDER TODAY

WINTER FAVORITES

BOXWOODS.

For filling window boxes and flower beds.

Boxwood bushes, 8 in. high, each	$ 0.25
Boxwood bushes, 12 in. high, each	.35
Boxwood bushes, 18 in. high, each	.50
Boxwood bushes, 24 in. high, each	1.00
Globe Boxwoods, 18 in. diameter, each	2.50
Obelisk Boxwoods, 5 ft. high, in beautiful Mission boxes, each	10.00

EASTER FORCING STOCK

AZALEAS.

Empress of India	75c $1.00 $1.25 each
Mme. Van der Cruyssen	75c 1.00 1.25 each
JAPAN MAPLE	$1.00 each
KALMIA LATIFOLIA	1.00 each
LILAC MARIE LE GRAYE	1.00 each

RHODODENDRONS.

Named varieties	75c $1.00 $1.25 each

SPIRAEA.

Gladstone	$3.00 per doz.
Queen Alexandra	4.00 per doz.



WINTER FAVORITES

ARAUCARIAS.

We have a fine large stock of Araucaria Excelsa, the popular winter plant, in the following sizes:

Pots.	Each.	Doz.
6-in., 4 to 5 tiers	$1.00	$12.00
7-in., 4 to 5 tiers	1.50	18.00

BULBS

CANNAS.

Chicago	$2.50 per 100; $20.00 per 1000
Egandale	2.50 per 100; 20.00 per 1000
Chas. Henderson	2.50 per 100; 20.00 per 1000

DAHLIAS.

A. D. Livoni, shell pink.	J. Cowan, single.
Sylvia, light pink.	J. Downie, single.
Thatcher, double yellow.	Fashion, single.

Ami Barriet, single.
$2.50 per 100; $20.00 per 1000.

GLADIOLI.

Mrs. Francis King, 2nd size, $12.00; 3rd size, $8.00; 4th size, $6.00 per 1000.

ISMENE CALATHINA.

1st size, 6c; 2nd size, 4c; 3rd size, 2c each.

Palms, Ferns, Stove and Bedding Plants

ACHYRANTHES, ROOTED CUTTINGS.

Metallica, Panache de Bailey, Lindenii, Warscewiczii	$6.00 per 1000

ACHYRANTHES, 2-IN. POTS.

Metallica	$2.00 per 100
Panache de Bailey	2.50 per 100
Lindenii	2.00 per 100
Warscewiczii	2.00 per 100

AGERATUMS.

Stella Gurney, 2-in.	$2.00 per 100
Princess Pauline, 2-in.	2.00 per 100

ALTERNANTHERAS, ROOTED CUTTINGS.

Red and yellow	$6.00 per 1000

ARECA LUTESCENS.

Pots.		
3-in., 3 in pot	doz., $2.00;	100, $15.00
4-in., 3 in pot	doz., 3.00;	100, 25.00
7-in., 4 to 5 in pot, 36-in. high	each,	3.00
8-in., 5 to 6 in pot, 60 to 64-in. high	each,	5.00

ASPIDISTRAS.

Green	per leaf $0.08
Variegated	per leaf .15

ASPARAGUS BASKETS.

$1.00, $1.50 and $2.00 each.

ASPARAGUS PLUMOSUS.

Pots.	Doz.	100
2-in.	$0.40	$ 3.00
3-in.	.75	6.00
4-in.	1.50	12.00
6-in.	4.00	30.00

ASPARAGUS SCANDENS DEFLEXUS.

4-in.	doz., $1.50

BOSTON FERNS.

Pots.	Each.	Doz.	100	1000
2-in.	....	$ 0.50	$ 3.00	$25.00
3-in.	....	1.00	8.00	.....
4-in.	....	1.50	12.00	.....
5-in.	....	3.00	20.00	.....
6-in.	....	6.00	45.00	.....
7-in.	$0.75	9.00	.....	.....
8-in.	1.00	12.00	.....	.....
9-in.	1.50	18.00	.....	.....

	Each.			Each
10-in.	$2.50	12-in.	$3.50 to	$5.00

BOSTON FERN BASKETS.

$1.00, $1.50 and $2.00 each.

ASSORTED FERNS FOR DISHES.

2-in., 40c per doz.; $3.00 per 100; $25.00 per 1000.

CIBOTIUM SCHIEDEI.

7-in.	each, $2.50; doz., $30.00
8-in.	each, 3.00; doz., 36.00

COCOS WEDDELLIANA.

2-in.	doz., $1.75; 100, $14.00
3-in.	doz., 2.50; 100, 20.00

COLEUS, ROOTED CUTTINGS.

Pfister, red and yellow; Beckwith's Gem, Golden Bedder, Verschaffeltii	$6.00 per 1000

COLEUS, 2-IN. POTS.

Pfister, red and yellow; Beckwith's Gem, Golden Bedder, Verschaffeltii	$2.00 per 100

CYPERUS ALTERNIFOLIUS.

3-in.	$0.75 doz.; $ 5.00 100
4-in.	1.50 doz.; 10.00 100

DAISIES.

Marguerites, Yellow.

Rooted cuttings	$6.00 per 1000
2-in.	$2.00 per 100

DRACAENA INDIVISA.

2-in.	per 100, $3.00; per 1000, $25.00
7-in.	each, $1.25; doz., 15.00

DRACAENA MASSANGEANA.

6-in.	each, $1.25
7-in.	each, 1.50

DRACAENA TERMINALIS.

4-in., strong	each, 35c; doz., $4.00

FICUS ELASTICA.

6-in.	each, 50c; doz., $6.00

FICUS REPENS (vine).

2½-in.	each, $0.50

KENTIA BELMOREANA.

Pots.	Height.	Leaves.	Each.	Doz.	100
2-in.	8-in.	4	.....	$ 1.50	$12.00
3-in.	8 to 10-in.	4 to 5	.....	2.00	15.00
4-in.	12-in.	4	.....	3.60	30.00
4-in.	12 to 15-in.	4 to 5	.....	4.50	35.00
5-in.	15 to 18-in.	5 to 6	.....	6.00	50.00
5-in.	18 to 20-in.	5 to 6	$ 0.75	9.00	.....
6-in.	20 to 22-in.	6 to 7	1.00	12.00	.....
6-in.	22 to 24-in.	6 to 7	1.50	18.00	.....
7-in.	28 to 30-in.	6 to 7	2.50	30.00	.....
7-in.	36 to 40-in.	6 to 7	4.50	.....	.....
8-in.	40 to 45-in.	7 to 8	5.50	.....	.....
9-in.	48 to 50-in.	7 to 8	8.00	.....	.....
9-in.	50 to 54-in.	7 to 8	10.00	.....	.....

KENTIA FORSTERIANA.

Pots.	Height.	Leaves.	Each.	Doz.	100
2-in.	8 to 10-in.	4	.....	$ 1.50	$12.00
3-in.	12 to 14-in.	4 to 5	.....	2.00	15.00
4-in.	14 to 16-in.	4 to 5	.....	4.50	35.00
5-in.	20 to 24-in.	5 to 6	$ 0.75	9.00	.....
6-in.	24 to 30-in.	5 to 6	1.00	12.00	.....
6-in.	30 to 36-in.	5 to 6	1.50	.....	.....
7-in.	36 to 38-in.	5 to 6	2.50	.....	.....
7-in.	38 to 40-in.	5 to 6	3.50	.....	.....
8-in.	40 to 42-in.	5 to 6	4.50	.....	.....
9-in.	46 to 50-in.	6 to 7	7.00	.....	.....

Made-up Plants.

Pots.	Height.	Plants in pot.	Each.
7-in.	24 to 30-in.	3 to 4	$ 2.50
9-in.	50 to 54-in.	3 to 5	8.00
10-in.	58 to 60-in.	4 to 5	10.00
12-in.	62 to 70-in.	4 to 5	15.00

ENGLISH IVY.

3-in.	doz., $ 0.75
4-in.	doz., $2.50; 100, 20.00

GERMAN IVY.

2-in.	$2.00 per 100

GNAPHALIUM LANATUM.

2-in.	$2.00 per 100

HELIOTROPES.

2-in.	$2.00 per 100
3-in.	4.00 per 100

LANTANA DELICATISSIMA.

2-in.	$2.00 per 100

LATANIA BORBONICA.

2-in., 1 to 2 leaves	100, $3.00; 1000, $25.00
4-in.	doz., 3.00; 100, 20.00
5-in.	doz., 5.00; 100, 40.00
6-in.	doz., 6.00

LOBELIA KATHLEEN MALLARD.

Rooted cuttings	$6.00 per 1000
2-in.	$3.00 per 100; $25.00 per 1000

PANDANUS UTILIS.

3-in.	per doz., $1.50

PANDANUS VEITCHII.

4-in.	each, $0.50; per doz., $ 5.50
5-in.	each, .75; per doz., 9.00
6-in.	each, 1.00; per doz., 12.00

PHOENIX CANARIENSIS.

7-in. 36 to 40-in. high	each, $ 2.50
8-in. 46 to 50-in. high	each, 4.00
10-in. 50 to 54-in. high	each, 8.00
10-in. 60 to 64-in. high	each, 10.00

PHOENIX RECLINATA.

4-in.	each, $0.25; doz., $3.00; 100, $20.00
5-in.	each, .50; doz., 5.00; 100, 40.00
6-in.	each, .75; doz., 9.00

PHOENIX ROEBELENII.

Pots.	Each.	Doz.	100
2½-in.	....	$ 2.00	$15.00
3-in.	....	3.00	22.50
5-in.	....	9.00	70.00
6-in.	....	12.00	.....
6-in., strong	$2.00	18.00	.....
7-in.	2.50	.....	.....

SALVIAS.

Rooted Cuttings.

Bonfire, Zurich	$6.00 per 1000

2-In. Pots.

Bonfire, Zurich	$2.00 per 100

TRADESCANTIA VARIEGATA.

(Wandering Jew.)

2-in.	doz., 40c; per 100, $3.00

VINCAS.

4-in.	per doz., $2.00; per 100, $15.00

THE EDGEBROOK GREENHOUSES AND NURSERIES OF THE GEO. WITTBOLD CO., EDGEBROOK, CHICAGO, ILL.

Classified Ad Department



Rate for advertising in this department 10 cents a line net, per insertion.

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Achyranthes Lindenii and Emersonii. Rooted cuttings, $1.00 per 100; 2½-in., 2½c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

500 2-in. achyranthes, $2.00.
Mercer Floral Co., Bowling Green, O.

AGERATUMS.

Ageratum Little Blue Star, rooted cuttings, 50c 100, $4.00 1000; 2-in., in bloom, 2c. Cash. Mail, 10c per 100.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Ageratum Stella Gurney, blue; R. C., 75c per 100. John Irvine & Sons, Bay City, Mich.

Ageratum rooted cuttings, dark, 50c 100.
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Ageratum Stella Gurney rooted cuttings, 50c 100; $4.00 1000. C. H. Jacobs, Westfield, Mass.

Ageratum Stella Gurney R. C., 50c 100; $4.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

ALTERNANTHERAS.

ALTERNANTHERAS.
Good, strong, well rooted cuttings.

	100	1000
P. major (red)	$0.50	$4.00
A. nana (yellow)	.50	4.00
Brilliantissima (best red)	.60	5.00

Place your orders early.
R. R. DAVIS CO., MORRISON, ILL.

ALTERNANTHERA JEWEL.
Stock plants, 2½-in., $20.00 per 1000; rooted cuttings, $10.00 per 1000. This is by far the finest alternanthera in sight, and you should stock up now for spring sales.
Chas. H. Totty, Madison, N. J.

Alternantheras in all colors, 2½-in., extra large, 2½c.
Meredith Flower & Vegetable Co.,
Libertyville, Ill.

Alternanthera rooted cuttings, Brilliantissima and yellow, 50c per 100; $4.00 per 1000. Cash with order. Aurora Greenhouse Co., Aurora, Ill.

BUSINESS BRINGERS—
Review
Classified Advs.

Alternantheras. P. major, rosea, aurea nana, 50c; $4.50 1000. Brilliantissima, 60c; $5.00 1000. Cash. Byer Bros., Chambersburg, Pa.

Alternantheras, red, green and yellow, 2¼-in., 2c. Ready now.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Alternantheras, red, green and yellow. Rooted cuttings, 50c 100; $4.00 1000. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

Alternantheras, red and yellow. Rooted cuttings, 50c per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Alternantheras, red and yellow; R. C., 70c per 100. John Irvine & Sons, Bay City, Mich.

ALYSSUM.

Alyssum, double giant, 2¼-in., 2c. Rooted cuttings, 50c per 100, $4.00 per 1000; if by mail 10c per 100 extra. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Alyssum, double giant, in bloom, fine 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Alyssum, double giant; R. C., 75c per 100.
John Irvine & Sons, Bay City, Mich.

AMARYLLIS.

Amaryllis, best and largest flowering hybrids in blooming size, $10.00 100, free by express.
H. Krinke & Son, St. Paul, Minn.

AMPELOPSIS.

AMPELOPSIS VEITCHII.
Boston Ivy.
Extra strong 3-yr. transplanted, heavy 3 to 5 ft. tops and roots, $2.00 per doz., $10.00 per 100. Strong 1-yr., 18 to 24-in. tops, $1.50 per 25; $2.00 per 50, by mail; $3.00 per 100, $25.00 per 1,000 by express.
Chas. Black, Hightstown, N. J.

Ampelopsis Veitchii, transplanted and extra fine, 2½ to 4 ft. tops, $1.50 per doz.; $9.00 per 100. Southside Nurseries, Chester, Va.

ANTHERICUM.

Anthericum variegatum, 4-in., strong, $8.00 per 100. Storrs & Harrison Co., Painesville, O.

AQUATICS.

Water plants of all descriptions. Cabomba (fish grass), $15.00 per 100 lbs.; less than 10 lbs., 25c per lb.
B. M. Wichers & Co., Gretna, La.

ARAUCARIAS.

Araucarias, 5-in., $6.00 per doz.; $45.00 per 100. Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS.

Asparagus plumosus from 3-inch pots, express prepaid, $4.50 per 100; extra large plants from the field, good for 8 to 10-inch pots, $22.50 per 100. Cash with order.
Diamond Hill Nursery,
763 S. Boyle Ave., Los Angeles, Calif.

Asparagus Sprengeri. We have good bushy young plants grown in bench, that are ready for 3 and 4-in. pots or benching, at $5.00 per 100; $40.00 per 1000. Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses, Dayton, O.

Asparagus plumosus, big, strong plants, 2½-in., $4.00 per 100, $35.00 per 1000; 3-in., $6.00 per 100, $50.00 per 1000. A. Sprengeri, 2½-in., $4.00 per 100; $35.00 per 1000.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Asparagus plumosus nanus, from 2¼-in. pots, $2.50 per 100, $22.50 per 1000; 3-in. pots, $5.00 per 100, $45.00 per 1000. Cash with order, please.
FLORAL HILL GARDENS,
G. F. Neipp, Prop. Chatham, N. Y.

10,000 Asparagus plumosus, extra strong 2½-in., $2.50 per 100; $22.00 per 1000. 6000 A. Sprengeri, strong, bushy, $2.00 per 100; $18.00 per 1000. Cash.
Daut Bros., 825 N. Water St., Decatur, Ill.

Asparagus plumosus to close out, 3-in., ready for 4 and 5-in., $5.50 per 100; $50.00 per 1000. Asparagus Sprengeri, 3-in., ready for 5-in., $5.00 per 100; $45.00 per 1000.
Swan Peterson Floral Co., Gibson City, Ill.

Asparagus plumosus, heavy, 2¼-in., $3.00 per 100; heavy 3-in., $6.00 per 100. A. Sprengeri, 2¼-in., $2.00 per 100; 3-in., $5.00 per 100. All good stock.
P. Pearson, 5734 Gunnison St., Chicago.

NICE PLUMOSUS.
2-in., $2.50; 3-in., $5.00; 4-in., $12.00.
SPRENGERI.
2½-in., $2.50; 3-in., $5.00.
Gullett & Sons, Lincoln, Ill.

Asparagus plumosus, strong and healthy, 3½-in., ready for 4-in., 5c. Asparagus Sprengeri, 3-in., fine, 3c; 4-in., extra strong, 8c.
Meredith Flower & Vegetable Co.,
Libertyville, Ill.

Asparagus Sprengeri, strong plants ready for shift at once, 2¼-in., $2.00 per 100, $17.00 per 1000; 3-in., $3.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Asparagus plumosus seedlings from greenhouse grown seed. $10.00 per 1000; 2¼-in., $3.00 per 100, $25.00 per 1000.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Asparagus plumosus, extra strong, from 2-in. pots, $2.50 per 100, $22.00 per 1000; 2½-in., $3.00 per 100, $26.00 per 1000. A. Sprengeri, 2½-in., $3.00 per 100. Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, 2¼-in. pots, $3.50 per 100, $30.00 per 1000; 3-in. pots, $6.00 per 100. Cash with order. 500 at 1000 rate.
Frank Oechslin, 4911 W. Quincy St., Chicago.

ASPARAGUS PLUMOSUS NANUS.
CUT STRINGS, 8 FT. LONG,
50c EACH.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, strong selected 2-in., $2.00; 2½-in., $3.00; 3-in., $5.00 per 100. A Sprengeri, 2½-in., $2.00 per 100.
East Lawn Gardens, Urbana, O.

Asparagus plumosus, 3-in., ready for 4 or 5-in., very strong, 5c; transplanted seedlings, 2½c. A. Sprengeri seedlings, 2c. Cash.
N. P. Colberg, Princeton, Ill.

Asparagus plumosus, 2½-in., $3.00 per 100; $25.00 per 1000. Asparagus Sprengeri, 2½-in., $2.50 per 100; $22.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Asparagus Sprengeri, extra-strong 3-in., ready for shift or benching, $3.00 per 100; 500 for $12.50.
Zieger & Sons, Germantown, Phila., Pa.

Asparagus Sprengeri, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
CHICAGO FLOWER GROWERS' ASSOCIATION,
176 N. Michigan Ave., Chicago.

Asparagus Sprengeri, fine 2½-in., $1.50 per 100; $12.50 per 1000.
J. C. SCHMIDT, Bristol, Pa.

Asparagus Sprengeri, 3-in., bushy plants, $4.00 per 100. Cash with order.
Henry Dornbusch, R. R. 2, Dayton, O.

Asparagus Sprengeri, 2¼-in., $1.50 per 100, to make room; 3-in., $4.00 per 100. Cash.
J. Palmer Gordon, Ashland, Va.

Asparagus Sprengeri, extra strong seedlings, $1.25 100; $12.00 1000.
Rober & Radke, Maywood, Ill.

Asparagus Sprengeri, 2¼-in., extra strong, $2.00 per 100; 3-in., $5.00 per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Asparagus plumosus, 3-in., 6c. A. Sprengeri, 3-in., 4c; 4-in., 6c; 5-in., 12c.
Schneider, Florist, Springfield, Ohio.

Asparagus plumosus, strong plants, 2½-in., $3.00 per 100; $25.00 per 1000. Cash.
W. B. Girvin, Leola, Pa.

Asparagus Sprengeri, 3-in., $3.00 per 100; 200 for $5.00.
Whitton & Sons, City & Green, Utica, N. Y.

Asparagus Sprengeri, 2¼-in. pots, $2.00 100; 4-in., $8.00 100; 5-in., $15.00 100.
Willis W. Kinyon, South Bend, Ind.

Asparagus plumosus nanus, 2-in., 2c. Asparagus Sprengeri, 2-in., 2c; 3-in., 3c.
U. G. Harglerode, Shippensburg, Pa.

Asparagus Sprengeri, 2-in., strong, $2.00 100. A. plumosus, 3-in., $4.00 100.
J. W. Ross Co., Centralia, Ill.

Asparagus plumosus out of 4-in. pots, $8.00 per 100. Asparagus Sprengeri out of 3-in., $4.00 per 100. Wm. Schwan & Son, Fredonia, N. Y.

Asparagus Sprengeri from flats, heavy rooted, ready for 3-in., 1¼c; $10.00 1000. Cash.
L. M. Barrett, 3053 Hillegass, Berkeley, Calif.

Asparagus plumosus, 2½-in., strong, 3c; seedlings, fine, $1.00 100.
A. J. Baldwin, Newark, O.

Asparagus plumosus, 4-in., 5c.
Truitt's Greenhouses, Chanute, Kan.

Asparagus Sprengeri, good plants in 4-in., 6c.
Mellen Greenhouse Co., Ravenna, O.

Asparagus plumosus nanus, strong 2-in., 3c. A. Sprengeri, 2-in., 2c. J. L. Schiller, Toledo, O.

Asparagus plumosus, 3-in., 5c.
Hammerschmidt & Clark, Medina, Ohio.

Asparagus plumosus, $2.00 per 100; $17.50 per 1000. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus, fine. See display adv.
J. W. Miller, Shiremanstown, Pa.

Asparagus plumosus, good stock, $25.00 per 1000. Albert M. Herr, Lancaster, Pa.

SEE UNDER SEEDS. Benj. J. Passmore.

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ASTER SEED, the finest florists' varieties, all types and colors.
ASTER PLANTS in more than 100 varieties—all of Vick's and all the novelties of other growers worth growing. Get our list and prices on large quantities.
NATIONAL CO-OPERATIVE SHOW GARDENS,
Box 1200, Spencer, Ind.

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Azalea mollis, easily forced, 12 to 15 in. high, full buds, 25c each; 15 to 18 in. high, full of buds, 35c each.
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BAY TREES.

Bay trees (standards), fine assortment, sizes 12 to 48 in. crowns. Price, $2.50 to $25.00 each. Let us know your wants.
Wagner Park Conservatories, Sidney, Ohio.

Bay trees and box trees, all sizes.
Write for special list.
Julius Roehrs Co., Rutherford, N. J.

Bay trees. Fine selection. Write for prices.
Holton & Hunkel Co., Milwaukee, Wis.

BEGONIAS.

Blooming begonias in assortment, $2.50 per 100. Rex begonias in assortment, $4.00 per 100; 2½-in., large, $6.00 per 100; 4-in., fine plants, $2.50 per doz. Some fine stock of my new special Rex begonias, Emerald Queen and Bronze King, 2-in., $6.00 per 100; 2½-in., $8.00; 4-in., fine plants, 35c each, $4.00 per doz.
N. O. Caswell, Delavan, Ill.

Begonias in blossom, Coral, 2-in., 3c; 3-in., 6c. Luminosa, 3-in., 6c. Or will trade for geranium cuttings, S. A. Nutt, Ricard, Poitevine, Double White, or 2, 2½ or 3-in. Vinca variegata. J. Austin, 3111 Troost Ave., Kansas City, Mo.

Begonia corallina lucerna, grandest of all flowering begonias. Send for illustrated and descriptive price list. Strong rooted cuttings, $4.00 per 100. Sample lot of 20 R. C. for $1.00 postpaid.
Wm. Bierstadt & Son, Springfield, Ill.

Rex begonias, in variety, 2¼-in., 75c per doz., $5.00 per 100; strong rooted cuttings, $1.50 per 100. Flowering begonias, rooted cuttings, $1.50 per 100. Coralina Lucerna, 3-in., $1.00 per doz.
G. E. Fink, Kenilworth, N. J.

Begonia Lorraine, exceptionally well developed plants, ready for immediate retail sales, 6-in., 60c each; 7-in., 75c each.
Baur Floral Co., Erie, Pa.

Begonias, luminosa, Erfordii, Vernon, transplanted seedlings, $1.25 100. Erfordii, 2½-in., $2.50 100. Cash, please.
Rober & Radke, Maywood, Ill.

Begonias, assorted 3-in., $4.00 100. Fern leaf or Washingtoniensis, R. C., $1.00 100; $8.00 1000.
J. W. Ross Co., Centralia, Ill.

Rex begonias, strong 2-in., fine varieties, 4c; $35.00 per 1000.
Williams & Clark Floral Co., Muncie, Ind.

BEGONIA CORALLINA DU LUCERNA, exceptionally fine, clean plants, well established in 4-in. pots, 17c. Stuppy Floral Co., St. Joseph, Mo.

REX BEGONIAS my specialty. Largest collection, $5.00 per 100.
B. C. BLAKE, Springfield, O.

Begonia Feastii Bunchii, 3-in., $5.00 per 100.
Loyd C. Bunch, Fredonia, Kan.

Flowering begonias, good assortment, $3.00 per 100. Storrs & Harrison Co., Painesville, O.

BERRIED PLANTS.

Christmas peppers, 4-in., $10.00 per 100. Cash.
Marion Floral Co., Marion, Ind.

BOUVARDIAS.

Bouvardia stock plants. B. Humboldtii and rosea grandiflora, $3.00 per doz.; $20.00 per 100. Cash with order. Blondeel, Oak Park, Ill.

BULBS.

Canna bulbs, raised on our own farms under personal supervision. If you want first-class stock at reasonable prices, write us at once. Alpha Orchards & Nursery Co., Box 5, Fruitdale, Ala.

Bulbs of all descriptions. Write for catalogue and prices.
C. Keur & Sons, Hillegom, Holland,
New York Branch, 25 W. Broadway.

CALCEOLARIAS.

Calceolaria hyb. grandiflora, extra fine and strong, must go into 3½ or 4-in.; if taken at once, before shifted, will take 10c, or $25.00 for 300. Cash. N. P. Colberg, Princeton, Ill.

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Some fine stock of Godfrey callas from stock of the first distributor; the one to grow for paying results. 2½-in. plants, will soon make blooming plants, at $5.00 per 100, $45.00 per 1000. Also a lot of started plants in flats, for prices of which write. N. O. Caswell, Delavan, Ill.

Dwarf calla, Little Godfrey, gives three times the number of flowers in the same space than old ones; they bloom in 3-in. pots. Plants in 2-in. pots, $4.00 per 100. Cash. Try a few.
John F. Sabransky, Kenton, O.

Godfrey callas bring 3 flowers to 1 of the common, and bloom from 3-in. pots; 3-in., $6.00 100. Cash with order. See my cyclamen adv.
C. Winterich, Cyclamen Specialist, Defiance, O.

Callas, good flowering strain; strong, from flats, 75c per 100.
Ullrich's Greenhouses, Tiffin, O.

Godfrey callas, ready for 2-in. pots, ready for sale, good stock, $20.00 per 1000. Callas in flats.
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Godfrey callas, 2-in., $2.50 per 100.
H. Hills, Elkhart, Ind.

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Cannas. Crimson Bedder, Paul Marquant, Burbank, Duke of Marlborough, Pfitzer's Meteor, A. Bouvier, $1.25 per 100; $11.50 per 1000. Pennsylvania, Alsace, Beaute Poitevine, Souv. d'A. Crozy, Chas. Henderson, $1.50 per 100; $14.00 per 1000. Order now for present or future shipment. Ford Seed Co., Dept. 76, Ravenna, O.

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True to name, quality unsurpassed, our own grown stock, not to be compared with common southern grown stock, the so-called contract-grown roots. See our full page advertisement in January 25th issue, page 3. Catalogue free.
Shellroad Greenhouses, Grange, Balto., Md.

Canna C. Henderson. Dry bulbs, 1 to 3 eyes, $2.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Cannas. 10,000 Austria and 3000 Morning Star (yellow), $1.25 per 100; $11.00 per 1000. Tarrytown, Pennsylvania, Crimson Bedder, Chas. Henderson, David Harum, Allemania, Shenandoah, $1.50 per 100.
F. Walker & Co., 634 Fourth, Louisville, Ky.

Cannas. Duke of Marlborough, Egandale, Comet, Florence Vaughan, Kate Gray, Burbank, Austria, $2.25 per 100. M. Washington, King Humbert, Louisiana, $4.00 per 100. Mount Blanc, $10.00 per 100. Cash, please.
A. S. Watkins, West Grove, Pa.

Cannas. Florence Vaughan, Chas. Henderson and Austria, $1.50 per 100. Robusta, $3.00 per 100. America, $2.00 per 100.
Wm. Eschrich Co., North Milwaukee, Wis.

Cannas. Bouvier, Henderson, F. Vaughan, J. C. Vaughan, Burbank, S. D. A. Crozy, 2c; Egandale, 2½c; King Humbert, 3c. All true stock.
A. J. Baldwin, Newark, O.

Cannas, Chas. Henderson, Egandale, Ant. Crozy, Bouvier and Queen Charlotte, $20.00 per 1,000. King Humbert, $3.00 100; $25.00 1,000.
Jas. Ambacher, West End, N. J.

THE IMPROVED CANNA.
64 varieties, including Mrs. A. F. Conard and the finest new ones. Send for price list.
Conard & Jones Co., West Grove, Pa.

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ROOTED CARNATION CUTTINGS.
All cuttings have our guarantee back of them.

	Per 100	Per 1000
Wodenethe	$12.00	$100.00
Afterglow	3.00	25.00
Beacon	3.00	25.00
Bonfire	6.00	50.00
Enchantress	3.00	25.00
Gloriosa	6.00	50.00
Princess Charming	6.00	50.00
Rosette	12.00	100.00
Rose-pink Enchantress	3.00	25.00
Mrs. Ward	4.00	30.00
Washington	6.00	50.00
White Enchantress	4.00	30.00
White Perfection	3.00	25.00
White Wonder	6.00	50.00
Winsor	3.00	25.00
St. Nicholas	12.00	100.00
Comfort	6.00	50.00
Brooklyn	12.00	100.00
Dorothy Gordon	4.00	35.00
Pennsylvania	3.50	30.00

S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

ROOTED CARNATION CUTTINGS.
Strong and healthy stock.

	100	1000
Delhi	$10.00	$ 75.00
Benora	12.00	100.00
Rosette	12.00	100.00
Rainbow	12.00	100.00
White Wonder	6.00	50.00
Gloriosa	6.00	50.00
Pink Delight	4.00	35.00
Scarlet Glow	3.00	25.00
Mrs. C. W. Ward	3.50	30.00
White Perfection	3.00	25.00
Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Winona	3.00	25.00
May Day	3.00	25.00
Victory	3.00	25.00
Winsor	3.00	25.00
Beacon	3.00	25.00

Write for our 1912 catalogue.
S. S. SKIDELSKY & CO.,
1215 Bets Bldg., Philadelphia, Pa.

CARNATION ROOTED CUTTINGS.
We are rooting over 200,000 this season of the leading commercial varieties. Our stock of Enchantress and Pure White Enchantress is hard to beat and you can depend upon the stock being right when you house your plants in the fall. Be sure you get reliable stock. If our cuttings are not satisfactory they may be returned immediately and money will be refunded. Orders received on or before Feb. 1 we will allow a discount of 5% from the following prices for cash:

	100	1000
Enchantress	$3.00	$25.00
Pure White Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Mrs. C. W. Ward	3.50	30.00
Dorothy Gordon	3.50	30.00
White Wonder	6.00	50.00

250 at 1000 rate. Cash or reference.
Smith & Gannett, Geneva, N. Y.

STRONG, WELL ROOTED CARNATION CUTTINGS.
NONE BETTER.

	100	1000
Enchantress	$2.50	$20.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Mrs. C. W. Ward	3.00	25.00
Alma Ward	3.00	25.00
Beacon	3.00	25.00
Victory	2.50	20.00
O. P. Bassett	3.00	25.00
Harlowarden	2.50	25.00
Conquest	2.50	20.00
Dorothy Gordon	3.00	25.00
Shasta	2.50	20.00
Mary Tolman	2.50	20.00
Sangamo	2.00	15.00
Washington	6.00	50.00

Cash or C. O. D.
SOL. GARLAND, DES PLAINES, ILL.

CARNATION ROOTED CUTTINGS.
Best cuttings obtainable, from strong, vigorous plants.

	100	1000
White Wonder	$6.00	$50.00
Gloriosa	6.00	50.00
Rose-pink Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
Lawson-Enchantress	2.50	20.00
White Perfection	3.00	25.00
Sangamo	3.00	25.00
Victory	3.00	25.00

2 and 2¼-in. pot plants, $5.00 per 100 extra.
Rolf Zetlitz, Lima, Ohio.

CARNATION CUTTINGS FROM SAND.
Carefully selected, healthy stock.

	100	1000
Washington	$6.00	$50.00
Bright Spot	6.00	50.00
Mrs. C. W. Ward	4.00	35.00
Sangamo	3.00	25.00
Dorothy Gordon	3.00	25.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
White Perfection	3.00	25.00
May Day	3.00	25.00
Beacon	3.00	25.00
Scarlet Glow	3.00	25.00
A. C. Brown	Springfield, Ill.	

CARNATION ROOTED CUTTINGS.
Strong, clean, healthy stock.

Enchantress	$3.00 100;	$25.00	1000
Rose-pink Enchantress	3.00 100;	25.00	1000
White Enchantress	3.00 100;	25.00	1000
Dorothy Gordon	3.00 100;	25.00	1000
Scarlet Glow	3.00 100;	25.00	1000
O. P. Bassett	3.00 100;	25.00	1000
Beacon	3.00 100;	25.00	1000
White Wonder	6.00 100;	50.00	1000
Washington	6.00 100;	50.00	1000
Bright Spot	6.00 100;	50.00	1000

A. JABLONSKY,
Olivette, St. Louis County, Mo.

CARNATION ROOTED CUTTINGS.
Immediate Delivery.

	100	1000
Gloriosa	$6.00	$50.00
Norwood	6.00	50.00
Dorothy Gordon	4.00	35.00
White Perfection	3.50	30.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
Beacon	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Winsor	2.50	20.00

Thompson Carnation Co., Joliet, Ill.

ROOTED CARNATION CUTTINGS.

	100	1000
White Enchantress	$3.50	$30.00
Mrs. Ward	3.50	30.00
Alma Ward	3.50	30.00
Beacon	3.50	30.00
Enchantress	3.00	25.00
White Perfection	3.00	25.00
Winona	3.00	25.00

Absolutely no disease, rooted cool.
Sarah I. Smith, Secane, Del. Co., Pa., or Edw. Reid, 1619-21 Ranstead St., Philadelphia.

ROOTED CARNATION CUTTINGS.

Enchantress	$2.00 100;	$18.00	1000
Pure White Enchantress	2.00 100;	18.00	1000
Rose-pink Enchantress	2.00 100;	18.00	1000
Sangamo	1.75 100;	15.00	1000
May Day	1.75 100;	15.00	1000
Winsor	1.50 100;	12.50	1000
M. A. Patten	1.50 100;	12.50	1000

Cash or C. O. D.
MILLER BROTHERS,
(Formerly John H. Miller)
5558 N. Lincoln St., Chicago.

WELL ROOTED CARNATION CUTTINGS.

	100	1000
Beacon	$3.00	$25.00
Winsor	2.50	20.00
May Day	3.00	25.00
Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00

Strong, cool grown, well rooted cuttings.
WARRICK BROS.,
2498 Locust Ave., Washington, Pa.

Rooted cuttings of carnations for immediate and future delivery, guaranteed to give satisfaction.

White Enchantress	$3.00 100;	$25.00	1000
Enchantress	3.00 100;	25.00	1000
Beacon	3.00 100;	25.00	1000
Victory	3.00 100;	25.00	1000
Mrs. C. W. Ward	3.00 100;	25.00	1000
Dorothy Gordon	3.00 100;	25.00	1000
Rose-pink Enchantress	3.00 100;	25.00	1000

Chas. Knopf Floral Co., Richmond, Ind.

CARNATIONS.
ROOTED CUTTINGS.
IMMEDIATE DELIVERIES.
Wodenethe, the greatest white, and Brooklyn, an absolutely reliable cerise pink, $12.00 per 100; $100.00 per 1000.
Princess Charming, White House, White Wonder and Gloriosa, $6.00 per 100; $50.00 per 1000.
Winsor, Harlowarden, Sangamo, Mrs. Patten and White Perfection, $3.00 per 100; $25.00 per 1000.
Chas. H. Totty, Madison, N. J.

Carnation cuttings. Enchantress, rooted, $2.00 per 100, $17.50 per 1000; unrooted, $10.00 per 1000. White Enchantress, rooted, $2.25 per 100, $20.00 per 1000; unrooted, $12.50 per 1000. Harlowarden, $2.00 per 100. Beacon, rooted, $15.00 per 1000. Cash, please.
W. A. Finger, Hicksville, L. I., N. Y.

CARNATIONS—Continued.

FINE CARNATION ROOTED CUTTINGS.

	100	1000
White Perfection	$3.00	$25.00
Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Beacon	3.00	25.00
Winsor	2.00	18.00
Pink Lawson	2.00	18.00
C. W. Ward	3.50	30.00

UNITED STATES CUT FLOWER CO.,
ELMIRA, NEW YORK.

Carnation cuttings from most reliable growers. Satisfaction assured.

	100	1000
White Wonder and Gloriosa	$6.00	$50.00
Pink Delight (March delivery)	5.00	40.00
White Enchantress, White Perfection	3.00	25.00
Enchantress, R. P. Enchantress	3.00	25.00
Mrs. C. W. Ward (pink)	3.50	30.00
Beacon (selected stock)	3.50	30.00

R. J. Irwin, 3097 Broadway, New York, N. Y.

FINE CARNATION CUTTINGS
WELL ROOTED

	100	1,000
Victory	$2.00	$15.00
Winsor	2.00	15.00
White Lawson	2.00	15.00
Pink Lawson	2.00	15.00
Washington	6.00	50.00
Enchantress	3.00	25.00

WIETOR BROS.,
162 North Wabash Ave. Chicago

ROOTED
CARNATION CUTTINGS.
MRS. C. W. WARD.
ALMA WARD.
$3.50 per 100.
$30.00 per 1000.
READY FOR DELIVERY NOW.
Also all standard varieties.
THE LEO NIESSEN CO.,
12TH & RACE STS., PHILADELPHIA, PA.

Princess Charming	$50.00 per 1000
White House	50.00 per 1000
White Enchantress	25.00 per 1000
Rose-pink Enchantress	25.00 per 1000
Enchantress	25.00 per 1000
Winsor	20.00 per 1000

All cuttings, well rooted side shoots. Cash with order from unknown parties. 5% discount when cash accompanies order.
Alex A. Laub, New Hamburgh, N. Y.

Carnations, strong, rooted stem cuttings.

Winsor	$15.00 per 1000
Victory	15.00 per 1000
White Perfection	20.00 per 1000
White Enchantress	20.00 per 1000
Mrs. C. W. Ward	20.00 per 1000

100 at 1000 rate.
Write for prices on large lots.
Northwestern Floral Co., Gross Point, Ill.

Carnation cuttings for sale or trade for geranium cuttings or 2-in. stock, S. A. Nutt, Ricard, Poitevine, Double White, or 2, 2½ or 3-in. Vinca variegata:

Enchantress	$2.50 per 100
R. P. Enchantress	2.50 per 100
Victory	2.50 per 100

Strong, clean stock.
J. Austin, 3111 Troost Ave., Kansas City, Mo.

Rose-pink Enchantress	$25.00 per 1000
Winsor	20.00 per 1000
Melody	20.00 per 1000
White Lawson	20.00 per 1000
Harlowarden	20.00 per 1000
Carnegie	18.00 per 1000

Cash, please. Satisfaction guaranteed.
EHMANN'S, CORFU, N. Y.

CARNATION ROOTED CUTTINGS.

Enchantress	$3.00 100;	$25.00 1000
Victory	3.00 100;	25.00 1000
Winsor	3.00 100;	20.00 1000
May Day	3.00 100;	25.00 1000
White Enchantress	3.00 100;	25.00 1000

MICHIGAN CUT FLOWER EXCHANGE,
38-40 Broadway, Detroit, Mich.

	100	1000
White Wonder	$6.00	$50.00
Mrs. C. W. Ward	3.00	27.50
Enchantress May Day	3.00	25.00
W. Perfection, W. Enchantress	3.00	25.00

10% discount for cash.
W. Frank & Sons, Portland, Ind.

CARNATION CUTTINGS.

Winsor	$1.50 100;	$12.50 1000
May Day	2.00 100;	17.50 1000
Sangamo	2.00 100;	15.00 1000

Also other standard varieties.
A. J. Stahelin, Redford, Mich.

Carnation rooted cuttings, now ready. Winsor, $15.00 per 1000. Victory, $15.00 per 1000. Enchantress, $20.00 per 1000. R. P. Enchantress, $20.00 per 1000. White Enchantress, $25.00 per 1000. Cash, please.
Geo. A. Relyea, Orchard Pl., Poughkeepsie, N. Y.

Carnation rooted cuttings. Christmas Cheer, the great scarlet pot carnation, sells quickly at Christmas at $1.00 to $1.50 per pot. Try a few at $5.00 per 100, also Beacon and Victory at $3.00 per 100.
S. N. Peck, 424 Superior St., Toledo, O.

Carnations, strong rooted cuttings, ready:

Enchantress	$25.00 per 1000
White Enchantress	25.00 per 1000

CHICAGO FLOWER GROWER'S ASSOCIATION,
176 N. Michigan Ave., Chicago.

Carnations. Enchantress, May Day, Winsor, $2.00 per 100; $18.00 per 1000. White Enchantress, White Perfection, $2.50 per 100; $20.00 per 1000. Princess Charming, $5.00 per 100.
Jas. Wheeler, Natick, Mass.

CARNATION ROOTED CUTTINGS
Beacon, Pink Enchantress, Dorothy Gordon, only $22.50 per 1000. Write early if you want them.
FLOREX GARDENS, NORTH WALES, PA.

Carnation White Wonder, fine, strong rooted cuttings, $6.00 per 100; $50.00 per 1000. Enchantress, $2.50 per 100; $20.00 per 1000. Victory, $3.00 per 100; $25.00 per 1000. Cash with order.
Hillsborough Nurseries, Burlingame, Calif.

Carnation rooted cuttings. Beacon, $3.00 per 100, $25.00 per 1000; Enchantress, Rose-pink, White Enchantress and White Perfection, $2.50 per 100; $20.00 per 1000.
Scharff Bros., Van Wert, O.

Enchantress, Rose-pink Enchantress, and Pure White Enchantress, well rooted, $2.50 per 100, $20.00 per 1,000; unrooted, $10.00 per 1,000; from 2-in. pots, $30.00 per 1,000. Ready now. Cash.
Daut Bros., Decatur, Ill.

Carnation rooted cuttings, strong, clean, healthy stock. White Enchantress and Enchantress, $2.50 per 100; $20.00 per 1000.
Riverside Floral Co., Columbus, O.

Fine lot of strong, well rooted Enchantress cuttings, $2.50 per 100; $20.00 per 1000. Special price on large lots.
Paul E. Weiss, Maywood, Ill.

Carnation rooted cuttings. White Perfection and Light Pink Enchantress, $2.00 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

1000 Lawson-Enchantress, 2000 Enchantress R. C., $20.00 1000; 500 Beacon, R. C., $3.00 100.
Jas. C. Murray, Peoria, Ill.

Carnation rooted cuttings, Princess Charming, $5.00 per 100.
J. R. Falkenstein, Naperville, Ill.

Carnation rooted cuttings, Enchantress and White Perfection, $2.00 100; $18.00 1000. Cash with order. Reid & Chalmers, Elmhurst, Ill.

Carnation rooted cuttings. Enchantress, White Enchantress, Winsor, Beacon, $3.00 per 100.
Marine City Floral House, Marine City, Mich.

Write Locust Street Greenhouses, Oxford, Pa., for price list of well rooted cuttings.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS. If you want good, healthy, strong plants from 2¼-in. pots, or rooted cuttings, send us your order for immediate or later delivery of the following: Golden Glow, Bonnaffon, Col. Appleton, Eaton, Jones, Maud Dean, Dr. Enguehard, Jeanne Nonin, plants, $3.00 per 100, $25.00 per 1000; rooted cuttings, $1.00 per 100, $8.00 per 1000. Donatello, W. E. Kelley, Wm. Duckham, Elise Papworth, Virginia Poehlmann, Edmond Albe, Gloria, plants, $4.00 per 100; rooted cuttings, $2.00 per 100.
POMPON AND DAISY CHRYSANTHEMUMS. Diana, Zenobia, Mary Richardson, Baby, Nellie Blythe, Kitty Bourne, Minnesota, $3.00 per 100, $25.00 per 1000; rooted cuttings, $1.00 per 100, $8.00 per 1000. Minta, the new Enchantress pompon, $4.00 per 100; $35.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

CHRYSANTHEMUM ROOTED CUTTINGS.
Ready for delivery March 1.

	100	1000
CRIMSON—		
Pockett's Crimson	$2.50	$20.00
Intensity	2.00	15.00
WHITE—		
Alice Byron	2.00	15.00
Tousett	2.00	15.00
Virginia Poehlmann	2.00	15.00
October Frost	2.00	15.00
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Crocus	4.00	35.00
Golden Glow	2.00	15.00
Halliday	2.00	15.00
Major Bonnaffon	2.00	15.00
PINK—		
Pacific Supreme	2.00	15.00

J. D. Thompson Carnation Co., Joliet, Ill.

CHRYSANTHEMUMS.
Earliest and best white chrysanthemum, SMITH'S ADVANCE. Extra choice 2¼-in. plants, $8.00 100; rooted cuttings, $5.00 100.
HELEN NEWBERRY, best late white pompon on the market, $15.00 100, 50, $7.50; 25, $5.00; 12, $3.00.
Orders respectfully solicited and stock guaranteed.
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38-40 Broadway, Detroit, Mich.

A NEW SINGLE CHRYSANTHEMUM.
MARY COLLADAY.
A seedling of Garza, extremely free and excellent keeping qualities. Color a rich rose lavender pink and Garza in size and form. Strong 2¼-in. stock., $4.00 per doz; $25.00 per 100.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Chrysanthemum cuttings for sale or trade for geranium cuttings. S. A. Nutt, Ricard, Poitevine and Double White:

Golden Wed'g.	$1.00 100	Pac. Supreme.	$1.00 100
Appleton	1.00 100	Dr. Enguehard	1.00 100
Golden Glow	1.00 100	White Diana	1.00 100
Timothy Eaton	1.00 100		

J. Austin, 3111 Troost Ave., Kansas City, Mo.

Chrysanthemums, 16 commercial varieties. Rooted cuttings, $10.00 per 1000. Orders booked.
McRae-Jenkinson Co., Cheswick, Pa.

Extra strong 2-in. plants of the finest and earliest white chrysanthemum, Smith's Advance, $1.25 per doz., $10.00 per 100; rooted cuttings from soil, $8.00 per 100. Chrysanthemum Glen Cove, a 1911 novelty, an extra large pink; strong 2-in. plants, 25c each, $2.00 per doz.
Jos. F. Klimmer Estate, Forest Park, Ill.

Pompon chrysanthemum Diana, the best double white pompon, surely a moneymaker for the commercial florist. Stock plants, $4.00 per 100; rooted cuttings, $1.00 per 100, or will exchange for bedding plants.
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Chrysanthemum cuttings for early delivery. Golden Chadwick, W. H. Chadwick, Yellow Eaton, White Eaton, W. T. Brock (incurved Thanksgiving pink) $2.50 100; $20.00 1000. All other varieties at market prices.
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"CHRYSANTHEMUMS FOR THE MILLION."
A record of notes on the culture of the chrysanthemum, by growers situated in every section of the United States, with an introduction by the author, C. H. Totty. Price, 25c.
Chas. H. Totty, Madison, N. J.

Smith's Advance R. C., from soil, $5.00 100. Chrysolora, fine, from 2¼-in., $20.00 100; R. C., $15.00 100. Amorita R. C., $1.25 100. Golden Glow, Appleton R. C., $1.00 100. Will exchange for some W. Enchantress, R. C.
G. A. Lotze, Glen Burnie, Md.

Smith's Advance rooted cuttings, $5.00 per 100. Unoka, the great early pink, rooted cuttings, $5.00 per 100; 2½-in. plants, $8.00 per 100. Golden Glow rooted cuttings, $2.50 per 100. Polly Rose rooted cuttings, $2.50 per 100.
Max B. Schreiber, McDonald, Pa.

50,000 CHRYSANTHEMUM CUTTINGS,
$10.00 per 1000.

Yellow Bonnaffon	Diana
Garza	Richardson
	Yellow Baby

J. R. Falkenstein, Naperville, Ill.

Chrysanthemum Smith's Advance, the early white, without a rival, easy to grow, does not damp, petals tight. Well rooted tips, $5.00 per 100. My stock is large and cool grown. I want rooted Gloriosa carnations and will exchange.
Maurice J. Brinton, Christiana, Pa.

Chrysanthemum rooted cuttings. Enguehard (pink), Bonnaffon (yellow) and Nonin (white), $2.00 per 100; $17.50 per 1000. Smith's Advance (new early white), $5.00 per 100.
Albert M. Herr, Lancaster, Pa.

Patty and Dolly Dimple rooted cuttings, $3.00 per 100, $20.00 per 1000; out of 2½-in. pots, $4.00 per 100, $35.00 per 1000. Satisfaction guaranteed. Cash with order.
Conrad Schultz, Westerly, R. I.

Chrysanthemum stock plants. G. Glow, Crocus, Gloria, Enguehard, Oct. Frost, Polly Rose, 50c per doz.; $3.00 per 100, or will exchange for any stock I can use.
H. S. McClenahan, Oklahoma City, Okla.

We have 5000 Smith's Advance chrysanthemum rooted cuttings ready to ship at $5.00 per 100. Cash with order. You had better hurry.
The Newburys, Mitchell, S. D.

Yellow Bonnaffon chrysanthemums, nice, strong plants, to close out, $4.00 per 100 clumps.
Carl R. Lloyd,
Sweet Hill Greenhouses, Plaistow, N. H.

Pompon chrysanthemum stock plants. Diana. 3c each, $3.00 per 100; rooted cuttings, $1.00 per 100.
F. W. Ude & Son, 650 N. Dickson, Kirkwood, Mo.

Chrysanthemum, 2-in. pots. Smith's Advance, Unaka, Glen Cove. Mrs. David Syne, $7.00 per 1000.
Eli Cross, 25 Monroe, Grand Rapids, Mich.

Fine healthy stock, Smith's Advance. Rooted cuttings, $4.00 per 100; 2½-in., $6.00 per 100. Special prices per 1000.
Will Bros. Co., Box 29, Minneapolis, Minn.

5000 Pacific Supreme rooted cuttings, ready Feb. 12, best early pink, big moneymaker, $1.25 per 100.
J. F. Link, 1124 Rammers, Louisville, Ky.

800 Major Bonnaffon, strong rooted cuttings; $6.00 takes the lot, for they must be sold at once.
CHICAGO FLOWER GROWERS' ASSOCIATION,
176 N. Michigan Ave., Chicago.

Chrysanthemum stock plants, strong. Mrs. Parr, Pres. Roosevelt, Helen Frick, $3.00 per 100.
Mercer Floral Co., Bowling Green, O.

Stock plants of yellow Garza, new, at 50c each, $5.00 per doz.
Jacob Russler, 114th and Avon, Morgan Park, Ill.

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Cinerarias. Vaughan's Columbian, James' Prize, Matchless Dwarf, azure blue, white, blood red and old rose, 3-in., ready for 4-in., $4.00; 4-in., in bud, $8.00; 5-in., in bud, $15.00 per 100. Fine, clean stock. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Cineraria hybrida grandiflora, Columbian, 3-in., strong, ready for 4 or 5-in., 4c. Cash.
N. P. Colberg, Princeton, Ill.

Cineraria hybrida grandiflora. Strong 2¼-in. stock, $2.00 per 100. Cash.
Freeport Floral Co., Freeport, Ill.

Cinerarias for Easter, 2-in. pots, $2.00 per 100. John Irvine & Sons, Bay City, Mich.

Cinerarias, strong, well grown 3-in., 4c.
M. S. Wiecking Co., Bluffton, Ind.

Vaughan's Columbian cinerarias. Large, 3-in., ready for shift, 4c.
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Cinerarias, finest large flowering dwarf hybrids, in mixture, established in 3-in. pots, $4.00 per 100. Cash. Russell Bros., R. 4, Syracuse, N. Y.

Cinerarias, good 4-in. stock, ready for 5-in., grown from best seed obtainable, $5.00 per 100.
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Cinerarias. The largest flowers. See display adv.
J. W. Miller, Shiremanstown, Pa.

Cinerarias, choice mixed, in 4-in., showing buds, 7c. Mellen Greenhouse Co., Ravenna, O.

CLEMATIS.

Clematis paniculata, 3-yr., strong; Duchess, Henryi, Jackmani, Ramona, Andre, Ville de Lyon, Red Jack. Write for prices.
Parks & Schaufelberger, Penfield, N. Y.

COLEUS.

Coleus, $4.00 per 1000; 60c per 100 by mail. 100,000 good, strong, clean, well rooted cuttings now in sand. We are the largest growers of coleus cuttings in the world. Over 1,000,000 sold in a season. Verschaffeltii, Golden Bedder, Queen Victoria, Firebrand and all other leading varieties. Come and see them. Cash with order. C. Schulze & Son, 261-75 Lawrence, Flushing, L. I., N. Y.

Coleus, standard varieties, including Verschaffeltii, Golden Bedder, 2-in., $2.00 per 100; $18.50 per 1000; rooted cuttings, 60c 100; $5.00 1000. Cash with order.
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Coleus. Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Coleus, 47 varieties, R. C., 60c per 100, $5.00 per 1000; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Coleus, strong, clean 2-in., $2.00 per 100; Verschaffeltii rooted cuttings, $6.00 per 1000. Cash, please. Rudolf Nagel, Lancaster, Pa.

Coleus rooted cuttings, 15 varieties, $5.00 per 1000. On large lots, please write me.
U. G. Harglerode, Shippensburg Pa.

Coleus R. C., 10 standard vars., 60c 100 postpaid. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

Coleus R. C., 17 best bedding vars., $5.50 1000. Cash. Fowlerville Floral Co., Flushing, N. Y.

Coleus Brilliancy, 2-in., 3c; other fine vars., 2c; R. C., 60c, prepaid, 75c 100.
A. J. Baldwin, Newark, O.

Coleus rooted cuttings, Verschaffeltii, Golden Bedder and 10 other varieties, 60c 100; $5.00 1000. E. B. Randolph, Delavan, Ill.

Coleus R. C., best varieties, 75c per 100.
John Irvine & Sons, Bay City, Mich.

Coleus, 8 varieties, all good ones, strong 2-in., 2c. W. H. Zimmerman, Ashland, O.

Coleus, 6 good vars. R. C., 60c 100; $5.00 1000.
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Coleus, best collection in the U. S.
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BEGONIA CORALLINA DU LUCERNA, exceptionally fine, clean plants, well established in 4-in. pots, 17c. Stuppy Floral Co., St. Joseph, Mo.

CROTONS.

Croton aurea maculata, 3-in. pot plants, $8.00 per 100.
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CUPHEAS.

Cupheas (cigar plant), R. C., 70c per 100.
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Cuphea rooted cuttings, 50c 100.
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Cupheas, 2-in., strong, 1¾c; rooted cuttings, 60c per 100. Cash. H. S. Brandt, York, Pa.

CYCLAMEN.

150,000 giant cyclamen seedlings. We claim the finest commercial strain in this country. Mr. A. Hange, Birmingham, Ala., says, "I planted 100 of your seedlings last year (1910) in comparison with 2500 of from so-called unrivalled, high-priced English strains, but yours outgrew them." Transplanted August seedlings, $3.00 per 100; $25.00 per 1000; 3, 4, 5 and 6-in. plants, now blooming, from 10c to 75c each. Cash with order. See my Godfrey calla adv.
C. Winterich, Cyclamen Specialist, Defiance, O.

CYCLAMEN.

5-in.	$20.00 per 100
4-in.	10.00 per 100
3-in.	7.00 per 100

This is the noted Winterich strain; plants in good shape, we must reduce our stock.
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Cyclamen persicum grandiflorum, 2½-in., ready for 3½ or 4-in., grown cold and close to the glass; just the thing for Easter and spring sales. If taken at once will take 7c, or $18.00 for 300. Transplanted seedlings, fine bulbs, 3c, or $7.00 for 300. Cash. N. P. Colberg, Princeton, Ill.

HANDSOMELY IN FLOWER.
A few hundred most beautiful cyclamen, 25c, 40c, 50c, 75c, $1.00 and $1.50 each. Try a dozen—see their value.
Gullett & Sons, Lincoln, Ill.

Cyclamen seedlings, excellent giant strain, 2½-in., $5.00 per 100; $30.00 per 1000. Ready now. Write for our 1912 catalogue.
S. S. SKIDELSKY & CO.,
1215 Betz Bldg., Philadelphia, Pa.

Cyclamen my specialty. Extra quality 5-in., $6.00 to $9.00 doz.; 6-in., $9.00 to $12.00 doz.; specimens, $1.50 to $2.00 each.
R. J. Southerton, Cyclamen Specialist,
Highland Park, Ill.

Cyclamen splendens giganteum hybrids, twice transplanted from flats, in five colors, $3.50 per 100; $30.00 per 1,000.
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Cyclamen seedlings, giant flowering strain, $3.50 per 100, $30.00 per 1000; 2½-in., $5.00 per 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Cyclamen giganteum, transplanted August seedlings, best strain, separate colors, $2.50 per 100; $20.00 per 1000 prepaid.
Wm. Eschrich Co., North Milwaukee, Wis.

We have a fine lot of cyclamen seedlings, very good imported strain, to offer in 6 separate vars., $1.50 per 100; $12.50 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Cyclamen, best giant, mixed colors, 2¼-in., $4.00 per 100; 3-in., $6.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Cyclamen, full of buds, 3-in., $6.00; 4-in., $12.00 per 100. Get ready for Easter. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen in bud and bloom, 3-in., 5c.
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Cyclamen giganteum, 4-in., 10c.
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Cyclamen giganteum. See display adv.
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Dahlias, strong divisions of best cut flower sorts. Per 100: Aurora, Queenie, V. Maule, $10.00; Delice, $9.00; Kriemhilde, Pink Pearl, Schwan, K. A. Victoria, $8.00; Burbank, J. Scharmet, Mme. Van den Dael, $7.00; C. of Lonsdale, Mrs. Winters, Rose-pink Century, Fringed 20th Century, Grand Duke Alexis, $6.00; Jack Rose, $5.00; C. Bruton, Souv. de Gustave Doazon, $4.00; Gen. Buller, C. Duer, Lyndhurst, Sylvia, A. D. Livoni, Red Hussar, Queen Victoria, $3.00; Nymphaea, $2.00. Cash.
W. K. Fletcher Bulb & Floral Co.,
Route 5, Des Moines, Iowa.

WHOLESALE LIST FOR 1912
NOW READY
Separated stock and clumps. We use no slips or sprouts for propagation; stock all grown from tubers, insuring strong roots.
J. L. MOORE
Northboro Dahlia & Gladiolus Gardens
NORTHBORO, MASSACHUSETTS

THE BROCKTON DAHLIA FARM is headquarters for good, reliable stock. I have a quantity of standard varieties that I am going to sell at almost your own price. Send for list. I am bound to give you prices that are right.
W. P. Lothrop, East Bridgewater, Mass.

EAST BRIDGEWATER DAHLIA GARDENS have 104 up-to-date kinds of the best cut flower varieties, over 750,000 clumps at right prices. Send your wants to
J. K. ALEXANDER,
The Dahlia King, E. Bridgewater, Mass.

DAHLIAS—Superb florists' varieties, $5.00 per 100; $40.00 per 1000. Divided roots, ½ of above price.
NATIONAL CO-OPERATIVE SHOW GARDENS,
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Dahlias, best varieties for florists' use. Strong, field-grown roots, true to name, in assortment, $5.00 per 100; 250 for $10.00. Send for list.
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Dahlias. Blushing Beauty, best cut flower kind, shrimp pink, nearly white; div. roots, $5.00 100. Wm. Ross, best red to date, $20.00 100. J. W. Ross Co., Centralia, Ill.

Dahlias, named sorts. Divided roots, $1.25 per 100; $10.00 per 1,000.
C. W. Hoffman, R. 13, Dayton, O.

Dahlias. Choice field-grown roots; either whole clumps or divided. Very low prices on surplus.
Ford Seed Co., Dept. 86, Ravenna, O.

Buy your dahlias from a specialist. List ready.
H. W. Koerner, Sta. B., Milwaukee, Wis.

DAISIES.

Marguerites. Queen Alexandra, Nicholson's White, Soleil d' Or, 2½-in., $3.00; 3½-in., $6.00 per 100. Queen Alexandria, 4½-in., $10.00; 6-in., $25.00 per 100. Bushy stock ready for a shift or immediate flowering. Cash only.
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Yellow daisies. Rooted cuttings, $2.00 per 100, $18.00 per 1000; out of 2¼-in. pots, $4.00 per 100, $35.00 per 1000. Satisfaction guaranteed. Cash with order.
Conrad Schultz, Westerly, R. I.

Yellow marguerites, winter flowering. Guaranteed healthy stock out of 2½-in. pots. $5.00 per 100; 4-in. pots, 10c, $10.00 per 100. Sample by mail, 10c.
James Crawshaw, Depot Ave., Barrington, R. I.

Daisies (Chrysanthemum maximum), fine for cutting. Strong divisions, right from 5-in. pots, $2.00 per 100; $15.00 per 1000. Cash with order.
W. A. Finger, Hicksville, L. I., N. Y.

Marguerite R. C., winter flowering, 75c per 100; 2½-in., $3.00. Bellis, double, large flowering, 50c per 100; $4.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

The new double daisy, Mrs. F. Sander. Good, strong, healthy plants from 2¼-in. pots, $5.00 per 100; $40.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Queen Alexandra marguerites, 2½-in., fine plants, in bud and bloom, $2.00 per 100. Cash. See our pelargonium adv.
C. A. Musser, Doylestown, O.

Daisies. White marguerites, 2¼-in., $2.00 per 100; 3-in., $4.00 per 100; rooted cuttings, 70c per 100. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Marguerite Mme. Gailbert, strong, beginning to branch freely, most of them showing buds, 3-in., $4.00; 2-in., $2.50 per 100. Cash, please.
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NEW DOUBLE MARGUERITE, MRS. F. SANDER, a good variety, free and easy grower. Strong plants, 2-in. pots, $5.00 per 100; $40.00 per 1000.
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Queen Alexander and yellow daisies, 4-in., fine, bushy stock, $6.00 per 100. Cash.
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Daisies, Paris. Rooted cuttings, giant yellow and white, $1.00 per 100; 2-in., 2c.
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Marguerites, winter blooming, white; strong plants, 2-in., $2.00 100.
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Yellow daisies, 2½-in., $2.50 per 100.
Willis W. Kinyon, South Bend, Ind.

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Dracaena indivisa, extra strong, 2¼-in., $2.00 per 100; $18.50 per 1000. Must move soon as they need transplanting. All good stock.
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Dracaena indivisa, 1000 fine 4-in., $8.00 per 100; $75.00 per 1000.
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Dracaena indivisa from 3-in. pots, ready for a shift, $5.00 per 100. Cash or satisfactory reference. C. F. Mahan, R. D. 8, Dayton, O.

Dracaena indivisa, strong 2¼-in., $2.25 per 100; strong 3-in., $4.00 per 100. Cash, please.
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Dracaena indivisa. Strong 5-in. pot plants, 10c; 3-in., $3.00 per 100. Buy now.
Wm. Eschrich Co., North Milwaukee, Wis.

Dracaena terminalis, fine young 2½-in. stock, $10.00 per 100.
Julius Roehrs Co., Rutherford, N. J.

3000 Dracaena indivisa. Good strong 2¼-in., 2½c., 3-in., 5c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dracaena indivisa, 3-in., $5.00 per 100; $40.00 per 1000. L. Potter & Sons, Waukegan, Ill.

Dracaena indivisa, 3-in., 5c each.
Willis W. Kinyon, South Bend, Ind.

EASTER STOCK.

Easter stock. Ask for our list of hydrangeas, lilies, azaleas, spiraeas, crimson and baby rambler roses, climbing rambles, pink Dorothy, white baby rambler roses and bulb stock.
Geo. A. Kuhl, Pekin, Ill.

FERNS.

FERNS MY SPECIALTY
ASSORTED FERNS FOR FERN DISHES, strong 2¼-in. stock in hardiest and best varieties, $3.00 per 100; $25.00 per 1000.
CIBOTIUM SCHIEDEI. Grandest stock ever offered of this most magnificent fern, 3-in., $3.50 per doz., $25.00 per 100; 4-in., $5.00 per doz., $40.00 per 100; 8-in., $2.25; 9-in., $3.50; 10-in., $4.50; 12-in., $6.50 each.
ADIANTUM CROWEANUM, 4-in., $2.00 per doz.; $15.00 per 100.
ADIANTUM CUNEATUM, 2¼-in., $3.50 per 100, $30.00 per 1000; 4-in., nice full plants, $12.00 per 100.
ADIANTUM FARLEYENSE, 4-in., $5.00 per doz.; $40.00 per 100.
ADIANTUM REGINAE and RHODOPHYLLUM, splendid 4-in. stock, $4.50 per doz., $35.00 per 100.
ASPARAGUS PLUMOSUS NANUS, 2¼-in., $3.00 per 100; $25.00 per 1000.
ALSOPHILA AUSTRALIS, a very pretty tree fern, 7-in., $1.50; 10-in., $4.00 each.
J. F. ANDERSON,
Fern Specialist. Short Hills, N. J.

FERNS FOR IMMEDIATE DELIVERY.
EXTRA GOOD QUALITY STOCK.
BOSTON.

	100		100
4-inch	$10.00	8-inch	$80.00
5-inch	25.00	9-inch	each, 1.25
6-inch	40.00	10-inch	each, 1.50
7-inch	60.00	12-inch	each, 2.00

WHITMANI.

	100		100
6-inch	$45.00	8-inch	$80.00

ASPARAGUS.
3-in., $6.00 per 100.
R. R. DAVIS CO., MORRISON, ILL.

Boston ferns, 6-in. pots, 45c ea., $40.00 per 100. Whitmani ferns, 4-in., 20c ea., $15.00 per 100; 5-in., 30c ea., $25.00 per 100; 6-in., 45c ea., $40.00 per 100; 7-in., 60c ea., $55.00 per 100; 8-in., 75c ea., $70.00 per 100. Ficus elastica, 35c, 50c and 75c ea. Cash, please.
Queen City Floral Co., Manchester, N. H.

FERNS—Continued.

Ferns. Handsome stock. Boston, Whitmani, Elegantissima compacta, Sprinfeldii, Amerpohlii, Scholzeli. Rooted runners, $1.80 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c. Samples sent for 25c. Satisfaction guaranteed. Ferns are grown at Cleveland, Ohio, plant. 60,000 feet of modern glass devoted to ferns and asparagus. Special prices on large quantities for cash only.
Schneider, Florist, Springfield, Ohio.

TABLE FERNS in best mixed varieties, from 2¼-in. pots, $30.00 per 1000; 250 at same rate. I have a large stock to select from. Sure to please.
All out of town orders are cash with order, please.
B. SOLTAU FERNERY,
2199 Grant Ave., Jersey City, N. J.

Ferns. Good, strong pot-grown Amerpohlii, Elegantissima, Piersoni, Boston and Superbissima, 3-in., $7.00 per 100; 4-in., $12.00 per 100, $110.00 per 1000; 5-in., $18.00 per 100. This is all excellent stock and worth more money but I must have room.
Andrew Peterson, Hoopeston, Ill.

FERN BARGAINS.

Boston runners, strong	$15.00 1000
Boston 2¼-in.	30.00 1000
Amerpohlii, 4-in.	10.00 100

Cash with order.
The above stock is strictly clean and strong.
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FERNS FOR JARDINIERES for immediate use. Bushy, well grown plants, 6 to 8 best varieties, from 2¼-in. pots, $3.00 per 100; $25.00 per 1000.
COCOS WEDDELIANA, 2¼-in. pots, right for centers, $10.00 per 100.
Thos. P. Christensen, Short Hills, N. J.

Small ferns for dishes. Pteris Mayii, serrulata cristata variegata, Wimsetti, cretica albolineata, $3.00 per 100; $25.00 per 1000.
Aspidium tsussimense and Cyrtomium falcatum, $3.50 per 100; $30.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Ferns, elegant stock, ready for repotting. Bostons, 5-in., 45c ea., 6-in., 55c ea., 7-in., 75c ea. Baskets, $2.00 to $4.00. Sprengeri, 4-in., 25c ea. We need the room. Cash with order, please.
Hoskins Floral Co., Bismarck, N. D.

Ferns, Boston, Whitmani, the new Roosevelt, Scottii, Amerpohlii, Piersoni, plumosus and Sprengeri, 2½ to 8-in. Write us quantity and size you want; will quote special cash price. We need both room and cash.
Geo. A. Kuhl, Pekin, Ill.

Nephrolepis exalta Bostoniensis. Booking orders now. Fine, strong runners, $10.00 per 1000. Nephrolepis exaltata, same price as above. Nephrolepis davallioides furcans. Strong runners, $2.50 per 100. J. J. Soar, Little River, Fla.

Ferns. Boston and some Whitmani, bench grown, out of 4-in. at time of planting, which we must dispose of immediately, including runners. Let us make you an offer.
Wellworth Farm Greenhouses, Downers Grove, Ill.

ROOSEVELT FERN IS A WINNER.

2½-in.	$2.00 per doz.; $15.00 per 100
3-in.	2.50 per doz.; 17.50 per 100

F. O. B. West Grove,
Conard & Jones Co., West Grove, Pa.

Ferns for dishes, transplanted, ready for potting, five varieties, $1.00 per 100; $9.00 per 1000. Strong plants, 2-inch, $3.00 per 100; $25.00 per 1000. Cash, please.
Rober & Radke, Maywood, Ill.

Boston ferns from bench, stronger than 2½-in. pot grown, $3.50 100; $30.00 1000. Fine stock and packed well.
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Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. 500 at 1000 rate. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

Boston ferns for immediate delivery. Strong stock, 2¼-in., $4.00 per 100; 3-in., $7.00 per 100; 4-in., $10.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Boston ferns, 5-in., $25.00 per 100; 6-in., $40.00 per 100. These were potted in September and are good, strong, well grown plants.
Crown Point Floral Co., Crown Point, Ind.

GOOD FERNS.
Bostons, 5-in., 25c; 6-in., very good, 50c; 7-in., 75c; 8-in., $1.00. Whitmani, 4-in., 20c; 5-in., 35c; 6-in., 60c. Gullett & Sons, Lincoln, Ill.

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Ferns. Boston, pot-grown, fine stock. 3-in., $7.50 100; 4-in., $15.00 100; 5-in., $20.00 100.
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Boston ferns, grown for our own use but have too many; 5-in., 35c; 6-in., 50c; $6.00 per doz.
D. R. Herron, OLEAN, N. Y.

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J. H. Fiehler, Guttenberg, N. J.

Whitmani, Bostoniensis and Piersoni ferns, 4-in., 15c ea.; 5-in., 25c ea.; 6-in., 50c ea.
Koerbel Bros., Jeanette, Pa.

Bench ferns. Elegantissima, Amerpohlii, Scholzeli, 3, 4 and 5-in., 6c, 10c, 12c. Cash.
Byer Bros., Chambersburg, Pa.

Ferns for dishes, good assortment, 2-in. pots, $3.00 per 100.
John Irvine & Sons, Bay City, Mich.

Boston fern rooted runners, extra fine, 2 to 5 fronds, $2.00 100. A. J. Baldwin, Newark, O.

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Feverfew rooted cuttings, nice stock, $1.00 per 100; $8.00 per 1000.
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Fuchsias, transplanted in flats, better than some 2-in., 12 assorted kinds, all double except Black Prince and speciosa, 2c; R. C., 60c per 100. Cash. N. P. Colberg, Princeton, Ill.

Fuchsia Little Beauty, the true stock, best fuchsia extant, 2¼-in., $4.00 per 100, $35.00 per 1000; 250 at 1000 rate. Rooted cuttings, $1.50 per 100. Baur Floral Co., Erie, Pa.

Fuchsias, 5 best varieties. Little Beauty, true; Renan, White Beauty, Lord Byron, Tenuer, 2¼-in., $4.00 per 100.
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Finest double fuchsias, dwarf habit. Strong, well-rooted cuttings, $1.00 100; $8.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Fuchsia rooted cuttings. Black Prince and other good sorts, $1.00 per 100; $8.00 per 1000.
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Fuchsias, best market sorts, 2-in. pots, $2.00 per 100; rooted cuttings, 90c per 100.
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Mixed fuchsia rooted cuttings, 75c 100.
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Fuchsias, assorted vars., R. C., $1.00 100. Cash. McRae-Jenkinson Co., Cheswick, Pa.

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Genistas, 3-in., must be shifted to 4 or 5-in., very bushy, full of cuttings, extra fine, 10c or $8.00 for 90. Cash. N. P. Colberg, Princeton, Ill.

Genistas. R. C., $1.50 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

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ROOTED GERANIUM CUTTINGS.
The "BIG FOUR" bedders. Strong selected top cuttings, well rooted; S. A. Nutt (greatest dark red), Gen. Grant (most satisfactory dbl. scarlet), Mme. Buchner (only dbl. white) $1.50 per 100; $14.00 per 1000. Beaute Poitevine (semi-dbl. salmon), $1.75 per 100; $16.00 per 1000. Prompt delivery and packed secure from frost.
W. T. Buckley Co., Springfield, Ill.

GERANIUMS.

2½ in.	$20.00 per 1000
Rooted cuttings	12.50 per 1000

We have the following varieties: Nutt, Ricard, Poitevine, Jean Viaud, Gloire de France, Perkins, La Favorite, Grant, Mme. Landry, Col. Thomas, Conover and several others. Send your orders now. Terms cash, please.
Swan Peterson Floral Co., Gibson City, Ill.

GERANIUM ROOTED CUTTINGS.
ALL SOLD UNTIL MARCH.
We still have a few S. A. Nutt, Montmort, De France and Dble. White, 2¼-in., $2.50 per 100. Rose geraniums, 2¼-in., $2.00 per 100.
Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses, Dayton, O.

Geraniums, 2½-in. Nutt, La Favorite, $2.50 per 100; $22.50 1000. Poitevine, Jean Viaud, Harrison, Redfield, Perkins, Rose, $3.00 100; $25.00 1000. Mme. Salleroi, 2-in., $2.00 100, $18.00 1000; 500 at 1000 rate. Cash, please.
Rober & Radke, Maywood, Ill.

Geraniums. Oliver, Dbl. Grant, Buchner, La Favorite, E. G. Hill. 2½-in., $2.25 100, $20.00 1000; 2-in., $18.00 1000. Castellane, 2½-in., $2.50 100; $22.50 1000. Pelargoniums, mixed, 3-in., 6c; 2-in., 4c. Cash.
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2000 S. A. Nutt and 1000 La Favorite geraniums, strong 2½-in., ready for shift, $23.00 per 1000. Mme. Salleroi, 2-in., extra fine, ready for shift, $20.00 per 1000. Cash.
P. N. Obertin, Kenosha, Wis.

Geraniums. Heteranthe, La Favorite and a good selection of mixed varieties. Strong 2½-in., $2.00 per 100; $17.50 per 1000.
Momence Greenhouse, Momence, Ill.

Geraniums. Ricard, S. A. Nutt, Buchner, Mme. Salleroi. Strong plants from 2½-in. pots, $20.00 per 1000; $2.50 per 100. Cash.
Quaker Hill Nurseries, Monroe, N. Y.

Geraniums, fine stock. S. A. Nutt rooted cuttings, $10.00 per 1000; 2¼ and 2½-in., $2.00 per 100; $18.00 per 1000 for cash with order.
Ross Bros., Falls Creek, Pa.

Geraniums from 2¼-in. Ricard, Poitevine, $24.00 1000; $2.50 100; Hill, $22.00 1000; Nutt, $18.00 1000, $2.00 100. Cash, please.
Jas. Ambacher, West End, N. J.

Ready about Feb. 26. Rooted cuttings, S. A. Nutt, $11.50 per 1,000; Ricard and Poitevine, $14.00 per 1,000. Albert M. Herr, Lancaster, Pa.

2,000 3-in. geraniums, mixed, full of cuttings, 3c; rooted cuttings, mixed, $10.00 per 1,000. Cash.
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Geraniums, 2-in., Mme. Salleroi, S. A. Nutt and Grant, 2c; Mme. Salleroi R. C., $1.00 100.
U. G. Harglerode, Shippensburg, Pa.

1000 S. A. Nutt geraniums, 2½-in., good, strong plants, $3.00 per 100. Cash, please.
Edgar Easterday, Nokomis, Ill.

Geraniums. Single Grant, 2¼-in. pots, to close out, $1.50 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Geraniums. S. A. Nutt and standard varieties, 2½-in., $2.50 per 100; $20.00 per 1000. Cash.
H. G. Norton, Perry, O.

Geraniums, mixed, from rooted cuttings to 4-in. stock, any size, $1.00 to $4.00.
Mercer Floral Co., Bowling Green, O.

Geraniums, standard market sorts, established plants, $3.00 per 100; $25.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Geraniums. Mme. Buchner, Frances Perkins and Clyde, 2¼-in., $2.50 per 100; $20.00 per 1000.
So. Bend Floral Co., So. Bend, Ind.

Mme. Salleroi, strong 2-in., ready for 3-in., $2.00 per 100; $18.00 per 1000. Cash, please.
Restland Floral Co., Mendota, Ill.

Geraniums. Ricard, Mrs. Perkins, Montmort, Harcourt, 2¼-in., $2.50 100; $20.00 1000. Rooted cuttings, mixed, $1.00 per 100.
Willis W. Kinyon, South Bend, Ind.

Geraniums, strong 2-in. 1000 S. A. Nutt, $25.00 1000; 1000 Mme. Salleroi, $20.00 1000.
Jas. C. Murray, Peoria, Ill.

Geraniums. Good S. A. Nutt, 3-in., $3.00 per 100; $25.00 per 1000.
H. Niessner, 88 Poplar St., Johnstown, Pa.

Geranium rooted cuttings, Ricard, Nutt and other standards, $10.00 per 1000.
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GERANIUM ROOTED CUTTINGS.
All Sold Until February.
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REVIEW Classified Advs.

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Erie Floral Co., Erie, Pa.

Rose geraniums, 100 3-in., $3.25.
V. Russell Fort, Knightstown, Ind.

Geraniums, 2½-in., $3.00.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Geraniums. S. A. Nutt, 2½-in., $2.50 per 100. Cash. Brott, The Florist, Kalamazoo, Mich.

Mme. Salleroi, to close out, fine 2-in., 2c.
McAdams Seed Co., Columbus Grove, O.

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Special prices to close out stock. Groff's hybrids, originator's stock, ½-in up, $6.00 per 1000; 1 to 1½-in., $4.00 per 1000; ¾ to 1-in., $3.00. Independence, $10.00 per 1000. Silver Trophy Sec. 3 (blues), $3.00 per 100; $25.00 per 1000. Silver Trophy Sec. 2, $2.00 per 100; $15.00 per 1000. Also small planting stock of Groff and Crawford mixture. First premium at Iowa State Fair, 1911.
Geo. S. Woodruff, Independence, Iowa.

Gladioli, American, Augusta, Pink Augusta, Mrs. Francis King, Brenchleyensis, Mme. Monneret, Klondyke, Taconic, Rosella, Scarsdale, La Pactole, 1900, White and Light, Groff's mixture, etc. Large, strong, healthy bulbs, also bulblets. Write us for prices.
Franklin Nursery, Sta. F, Minneapolis, Minn.

We offer in lots of 1000 or more, Cream mixture, Wm. Mason, Augusta No. 3; Grace Henry, cardinal color; Whites and Lights; Rexford, rose and white; Wisconsin, Taconic, New America; pink and white. Write for prices.
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Gladioli. Europa, the finest white in existence, $2.50 each. Pres. Taft, Jean Dieulafay, Alice Carey, No. 312, Independence and Silver Trophy Sec. 2 mixtures; also bulblets of America, King, Klondyke, etc.
G. B. Babcock, R. D. 80, Jamestown, N. Y.

Gladioli. Augusta, May, Ceres, Brenchleyensis, De Cheville, Easter, George Paul, Pres. Taft, Mme. Monneret, Baron Jules Hulot, mixtures, etc. Send for list.
Steven's Gladioli Co., Saginaw, W. S., Mich.

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GLADIOLUS BARGAINS: 1000 Nezzinscott, $45.00; Mme. Monneret, $12.00; Independence, $17.50; Childsii, $15.00. Cash. Speak quick if you want these. All fine large bulbs, 1⅛ and up. Central Seed & Bulb Co., Benton Harbor, Mich.

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Reine de l'Anjou, best commercial white, 4-ft. spikes, fine bulbs, $15.00 per 100. America bulblets, 75c per 1000 prepaid.
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Arundo Donax variegata, strong divisions, $15.00 per 100. Cash with order.
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Grevilleas, 4 and 5-in., 20c.
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Heliotrope rooted cuttings, 70c per 100; $6.00 per 1000; by mail, 10c per 100 extra; 2¼-in., $2.00 per 100, $18.00 per 1000. Positively cash with order.
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Heliotrope, dark, rooted cuttings, 60c 100; 2-in., 2c. U. G. Harglerode, Shippensburg, Pa.

Heliotrope, rooted cuttings, 70c per 100; 2¼-in. pots, 2c. C. H. Jacobs, Westfield, Mass.

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HYDRANGEA ARBORESCENS GRANDIFLORA, selected for forcing; 2-yr., 1½ to 2 ft., $3.00 per doz., $20.00 per 100; 15 to 20 in., nursery grown, $1.50 per doz., $10.00 per 100; 8 to 12 in., $6.00 per 100, $50.00 per 1000. Price list free. E. Y. Teas & Son, Centerville, Ind.

Hydrangea Otaksa, dormant, 4-in., $15.00 per 100; 5-in., $25.00 per 100.
D. U. Augspurger & Sons Co., Peoria, Ill.

Hydrangea Otaksa, 5-in., 15c; 6-in., 25c; field-grown, with one crown, 6c.
Baur Floral Co., Erie, Pa.

Hydrangea Otaksa, field-grown, 1 shoot, 6c; 2 shoots, 10c; 3 shoots, 15c.
Erie Floral Co., Erie, Pa.

Hydrangea Otaksa for Easter and Decoration day. See our display adv.
Jackson & Perkins Co., Newark, New York.

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Impatiens Sultani, red. Strong R. C., $1.00 per 100. Cash. J. P. Siebold, Lancaster, Pa.

Impatiens Sultani. R. C., $1.00 per 100. Cash.
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GERMAN IVIES.
2-in. pots, strong plants.
We have 10,000. We must have the space, the plants need a shift, and we have a use for the spondulix (cash), so we are offering a big bargain in these for $1.50 a hundred. Cash.
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German ivy. R. C., 50c per 100, mailing 10c; 2¼-in., 2½c.
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Kenilworth ivy R. C., 50c 100; 2-in., 2c.
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GERMAN IVY.
Rooted cuttings, $5.00 per 1000.
Cash with order.
L. H. DORNBUSCH,
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English ivy, 3-in., fine stock, large leaved, $5.00 per 100; rooted cuttings from flats, strong, $1.25 per 100.
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English ivy, 2-yr. field plants, 2½ to 4 ft. long, 2, 3 and 4 leads, extra fine, 10c each; 200 for 8c each. Cash.
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English ivy, strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.
Storrs & Harrison Co., Painesville, O.

English ivy (Hedera Helix). R. C., strong $2.00 per 100. Cash.
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Ivy, German, 60c; English, 75c; prepaid English, 2½-in., $3.00.
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Ivies. German, R. C., 60c 100. Kenilworth, R. C., 60c 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

German ivy R. C., 60c per 100.
John Irvine & Sons, Bay City, Mich.

English ivy R. C., $1.00 per 100.
John Irvine & Sons, Bay City, Mich.

German ivy rooted cuttings, 50c 100.
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3000 lantana rooted cuttings, 3 varieties, $1.50 per 100; $12.50 per 1000.
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Lantanas, 2-in., $2.00.
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Lilies of the valley. Bruns' Celebrated Chicago Market brand, finest in existence, $2.00 per 100; $16.00 per 1000. Bruns' Early Forcing Valley, florists' moneymaker, $1.50 per 100; $14.00 per 1000.
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Lobelia Kathleen Mallard, the new double. I have 50,000 extra large and well rooted cuttings, transplanted into soil, and if you want good, clean, healthy stocks for spring trade, order now. Well packed to stand any weather; satisfaction guaranteed. 65c per 100, by mail; $4.50 per 1000, by express.
E. A. Pinkstone, Park & Hickory, Utica, N. Y.

Lobelia Kathleen Mallard, the new double. We have an immense stock of well rooted cuttings, transplanted in soil last October and kept growing on, 50c per 100 by mail; $4.00 per 1000 by express. 500 at 1000 rate.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Lobelia R. C. Kathleen Mallard (best florists' double), 50c per 100; Crystal Palace (best single), 50c per 100, mailing 10c; 2¼-in., 2½c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Lobelia Kathleen Mallard R. C., 50c 100.
Hendra & Son, Sta. D, St. Joseph, Mo.

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LUPINES FOR EASTER. For the past season I have done more or less experimenting with lupines and the more I grow them, the more I think of them; I believe they can be made to return $1.00 per square foot, or more, per season. I haven't the space in this adv. to tell you all about them, but my new method of growing them is free to all who wish to try them. The plants I now offer should bloom for Easter. Each color separate, assorted, $1.00 100; $9.00 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

MOONVINES.

Moonvine rooted cuttings, $1.50 per 100, postpaid. Cash with order.
Wachendorff Bros., Atlanta, Ga.

10,000 white moonvine rooted cuttings, extra fine and clean, $1.50 per 100; $15.00 per 1000.
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NURSERY STOCK.

Size	100	500	Car lots
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Elm ...8-10	.15 ea.	.14 ea.	.13 ea.
Elm ...1½-in. cal.	.23 ea.	.22 ea.	.20 ea.
Elm ...2-in. cal.	.30 ea.	.28 ea.	.25 ea.
Maple ..6-8	.07 ea.	.06½ ea.	.06 ea.
Maple ..8-10	.11 ea.	.10 ea.	.09 ea.
Maple ..1½-in. cal.	.18 ea.	.17 ea.	.16 ea.
Maple ..2-in. cal.	.25 ea.	.24 ea.	.23 ea.
Box Elder...6-8	.08 ea.	.07½ ea.	.07 ea.
Box Elder...8-10	.12 ea.	.10 ea.	.09 ea.

White Birch.2½-in. cal. .50 ea.
White Birch.3-in. cal. .65 ea.
Honey Locust.2-in. cal. .90 ea.
Honey Locust.2½-in. cal. 1.00 ea.
Colorado Blue Spruce 3-4 ft., 2.00 ea.

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2750 Spiraea Van Houttei, 2½ to 3½ ft., $7.00 per 100. 800 Berberis vulgaris, 2½ to 3½ ft., $8.00 per 100. Send for additional lists and prices.
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Onion sets. To close out: 800 bu. white, $1.25; 500 bu. yellow, $1.10; 400 bu. red, $1.00 per bu. of 32 lbs. Sets are A No. 1.
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Pendanus utilus, 3-in., $10.00 per 100; 4-in., $20.00 per 100.
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Pandanus Veitchii, bench-grown plants, 10 in. high, $10.00 per 100; suckers, $4.00 per 100.
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HOME OF PANSIES.
Our strain of pansies are unsurpassed; we ship with safety to all parts of the U. S. and Canada; they are giving satisfaction everywhere, our testimonials vouch for this—we receive a new one nearly every day. Our stock of plants is large, field-grown, containing our own specials, Masterpiece, Perret, Trimardeau, blood-red, yellow, etc., all at $2.50 per 1000.
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Peonies in any quantity. Write for prices on list of your wants.
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Petunias, double fringed. A good collection of red, variegated and other dark colors, no white—a good collection of money makers. Strong rooted cuttings, $1.00 per 100; $9.00 per 1000.
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ONE-YEAR-OLD, TRUE STOCK.
EXTRA SELECT, $8.00 PER 100.
SECOND SIZE, $6.00 PER 100.
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Primula obconica grandiflora, mixed colors, 2-in., $1.50 per 100; 4-in., $6.00 per 100. Fine stock to grow on for spring and Easter sales. 4-in. Chinese, in bloom, mixed colors, $6.00 per 100. Cash with order.
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1-yr., 2 to 3 ft., 3 to 6 branches	$12.00 1000
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2 to 3 ft., well branched	$25.00 1000
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Resurrection plants, cheap.
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Double White Killarney (Poehlmann strain)	$30.00	$250.00
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Roses, strong 2-yr.-old field-grown plants. Dorothy Perkins and Tausendschon, $10.00 and $12.50 per 100. Cli. Meteor, Cli. Soupert, Pres. Cleveland, Red Kaiserin, Duchess de Brabant, Mme. Jos. Schwartz, Etoile de France, Abel Chatenay, Wellesley, Yoone Vachet, Col. Williams, Florence Pemberton, Countess of Gosford, Wm. Sheen, Dean Hole, Rose Gubert, Muriel Graham, Safrano and Francisca Kruger, $10.00 per 100. Also pot-grown plants; for size and varieties write to
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READY NOW.
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OWN ROOT PLANTS,
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Melody, 2½-in.	12.00 100;	100.00 1000
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Rubbers, fine 5-in. stock, 35c each.
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Salvias, splendens, Bonfire, R. C. or transpl., 90c per 100, mail 10c per 100; 2¼-in., 2c. Cash.
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ASPARAGUS PLUMOSUS NANUS SEED.
Guaranteed true to name.
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NEW CROP.

Lots of 5,000	$2.25 per 1000
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Single thousands, $2.50.
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Snapdragon, florists' giant white, pink, yellow, orange, red, bronze. Strong R. C., $1.00 per 100, $9.00 per 1000; mail 10c per 100; 2¼-in., 2c. Cash.
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In 2½-in. pots.
Alternantheras, ageratums, heliotropes, lemon verbenas, feverfew, geraniums, red, white and pink; daisies, white, yellow and Queen Alexandra; sweet alyssum, double giant; fuchsias, 4 varieties; cupheas, vincas and moonvines.
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Geraniums, coleus, flowering begonias, etc.
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Swainsona alba R. C., $1.00 per 100; 2½-in., 3c.
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TRADESCANTIAS. 10,000 Wandering Jew R. C., tricolor and green, 60c per 100, $5.00 per 1000; 2½-in., 2c. Cash. Mailing 10c.
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Tradescantia tricolor (Jew plant), R. C., prepaid, 60c 100; 2-in., 2c.
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Rooted cuttings of tricolor and green Wandering Jew, 60c per 100; $5.00 per 1000. Cash, please. Westland Floral Co., Mendota, Ill.

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Tuberoses, Armstrong's Everblooming, $12.50 per 1000; small bulbs, $5.00 1000.
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UMBRELLA PLANTS.

Cyperus alternifolius (umbrella plant). 500 2½-in., 3c; 500 3½-in., 5c; 400 4½-in., 7c.
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Write to James Ray Geraty, Yonges Island, S. C., to explain how to get a selection of cabbage plants, strawberry plants, asparagus roots and 16 varieties of seed free and make $1.40 for yourself. A very attractive and profitable proposition to every one owning a garden, merchants or farmers.

Write to James Ray Geraty, Yonges Island, S. C., to explain how to get 3000 frost-proof cabbage plants for $1.00. A very attractive and profitable proposition to merchants, farmers and every one owning a garden.

Grand Rapids lettuce plants, transplanted, $2.00 per 1000; out of seed bed, $1.00 per 1000. Cash, please.
Restland Floral Co., Mendota, Ill.

Potted tomato plants, Lorillard and Comet, 3-in., 2c. Cash, please.
Riverview Greenhouses, Lewisburg, Pa.

Grand Rapids lettuce, transplanted, $1.00 1000. Cash.
Port Allegany Greenhouse Co., Port Allegany, Pa.

50,000 good, strong Grand Rapids lettuce plants from seed bed, $1.00 1000. Cash.
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Transplanted Grand Rapids lettuce plants, $2.50 per 1000. Cash.
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RHUBARB. Extra large clumps for forcing, 20c each.
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Verbenas. Our selection of rooted cuttings, 75c per 100, $6.00 per 1000; plants, 2¼-in., $2.50 per 100; $20.00 per 1000. Purchaser's selection, rooted cuttings, 90c per 100, $8.00 per 1000; plants, $3.00 per 100; $25.00 per 1000. NEW VARIETIES, cuttings, $1.00 per 100; plants, $4.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

Lemon verbena rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

VINCAS.

Vincas, variegated and green. Strong potted plants, 2-in., $2.00 per 100; $18.00 per 1000. Cash, please.
H. G. Norton, Perry, Lake Co., Ohio.

Vinca variegata. Strong rooted cuttings, 90c per 100; $8.00 per 1000; 3½-in., strong plants, ready for shift, $6.00 per 100. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Vinca variegata. 4-in. pots, strong plants, extra long vines, $10.00 per 100; $80.00 per 1000.
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Vinca var., fine, stocky, well established plants, 4-in., 6c; 3-in., 5c; 2-in., 2c. Strictly cash.
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Vinca green. Strong R. C., 90c per 100, $8.00 per 1000.
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Strong Vinca variegata clumps in 3½ and 4-in. pots, $5.00 and $6.00 per 100. Cash.
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Vinca variegata R. C., 90c per 100.
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Vinca variegata R. C., 90c 100; $8.00 1000. Cash. Byer Bros., Chambersburg, Pa.

Vinca variegata R. C., $1.00 100 prepaid.
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Violets, hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000.
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Marie Louise violet blooms, A No. 1 quality; will have a good crop for Valentine's day. Specials, $1.25 per 100, $10.00 per 1000; ordinary, $1.00 per 100; $7.50 per 1000. Cash with order, please.
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MISCELLANEOUS.

Asparagus Sprengeri seedlings, transplanted in soil, strong, $1.50 per 100. Pansy, sweet william and coreopsis seedlings, fall sown in coldframes, strong plants, 75c per 100; $5.00 per 1000. For Vinca variegata and cinerarias, see my advs. under respective headings. Strong field clumps of dahlias, varieties, C. W. Bruton, yellow, and Lyndhurst, scarlet, 6c each. Will exchange any of the above for bedding plants.
Russell Bros., R. 4, Syracuse, N. Y.

Mme. Salleroi, 2¼-in., 2¼c. Asparagus Sprengeri, 2¼-in., 2c. Cinerarias, choice mixed, 3-in., ready for 4-in., 4c. Marguerite daisies, white, 2¼-in., 2c; 2½-in., extra strong, 3c. Coleus, choice mixed, 2¼-in., 2c. Coleus Crescent, fine variety, 2¼-in., 2c; rooted cuttings, 60c per 100. Petunias, best double, pink, red and variegated, 2¼-in., 3½c. Feverfew, dbl. white, 2¼-in., 2c. Guaranteed fine plants. Cash.
Hammerschmidt & Clark, Medina, O.

I can furnish you with double alyssum, German ivy, Ageratum Stella Gurney, fancy coleus, salvias, vincas, heliotropes, fuchsias, Asparagus Sprengeri. Write for prices.
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POT PLANTS. Send for complete list.
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TO EXCHANGE.

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Alma Ward	$4.00 100;	$30.00 1000
Enchantress	3.50 100;	25.00 1000
White Enchantress	3.50 100;	25.00 1000
R. P. Enchantress	3.50 100;	25.00 1000
Beacon	3.50 100;	25.00 1000
Winsor	2.50 100;	20.00 1000

Or will exchange for pink geraniums from 2-in. pots or chrysanthemum cuttings.
Warwick Greenhouses, Warwick Neck, R. I.

To Exchange—Dracaena indivisa, 2-in., 2½c; Pelargonium Robt. Green, 2½-in., 5c; Marguerite daisy, Mrs. F. Sander, 2-in., 4c, 3-in., 6c; Godfrey callas, strong 3-in., 5c, for carnation rooted cuttings, Enchantress, R. P. Enchantress, W. Enchantress, Beacon, Victory, Alma Ward, Mrs. C. W. Ward, W. Wonder; red alternantheras or 2-in. geraniums.
Johnson Floral Co., Kendallville, Ind.

To Exchange—Carnation rooted cuttings, White Perfection, Winsor, White Lawson and Sangamo, $3.00 per 100; Coleus Verschaffeltii and Golden Bedder, 60c per 100, for rooted cuttings of marguerite daisy, double alyssum, ageratum, lobelia, S. A. Nutt geraniums, 3-in. Dracaena indivisa, dormant callas or 4-in. Whitmani ferns.
Curtis Floral Co., Hampton, Iowa.

To Exchange—Asp. plumosus, 2-in.; 5 and 6-in. Bostons, 3 and 4-in. Dracæna indivisa, 4-in. Chinese primroses, 5-in. obconicas, 5-in. dwarf strain cinerarias, and callas from flats, for good, strong 2-in. Nutt, Francis Perkins, Castellane, Jean Viaud, Mme. Jandia and Ricard geraniums.
Ullrich's Greenhouses, Tiffin, O.

To Exchange—Poinsettia stock, Dracaena ind., cannas, 5 vars., and 2½-in. Asp. plumosus, for gladiolus bulbs and carnation rooted cuttings; or what have you?
Wm. Eschrich Co., North Milwaukee, Wis.

To Exchange—100 Dracaena australis for 1500 geranium rooted cuttings, double white and Poitevine.
Thos. Tullie, 203 Bay View, Edgewood, R. I.

WANTED.

Wanted—Rooted carnation cuttings. We can use for our catalogue trade large lots of carnations in the standard varieties. We shall be pleased to receive quotations from any grower having a surplus to dispose of at a price he does not wish the general trade to know.
J. W. Vestal & Son, Little Rock, Ark.

Wanted—All kinds of two-yr.-old dormant roses; hydrangeas, Otaksa and Thos. Hogg; azaleas, all colors; lilacs and all kinds of bedding plants for spring blooming. Let me know what you have, with prices per 100.
Devils Lake Greenhouse, Devils Lake, N. D.

Wanted—Geraniums Bariolage and Abel Le France, either rooted cuttings or 2½-in. stock. Quote on any quantity that you are able to supply. Iowa Seed Co., Des Moines, Ia.

Wanted—5 doz. A No. 1 Kentia palms, about 48 in. high. Must be a bargain.
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Extra fancy crop.
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For hotbeds and coldframes. The most practical and cheapest on the market. Send for circular and price list. Watts Bros., Kerrmoor, Pa.

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Standard Flower Pots. If your greenhouses are within 50 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts. N. E., Washington, D. C.

We make Standard Flower Pots, etc.
Write us when in need.
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Lincoln University, Chester Co., Pa.

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Raffia. Red Star and 3 other grades. Bale lots or less. Colored raffia, 20 colors. Write for prices.
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SPHAGNUM MOSS. Single 10 bbl. bales, $4.00; in lots of 5 bales, $3.75 each.
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Sphagnum moss, clean stock; 12 bbl. bale, $3.50. Green moss, in bbls., $1.00 per bbl.
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Spray with Paris Green both sides of foliage. Ask for K's Sprayer. J. Kopcsay, So. Bend, Ind.

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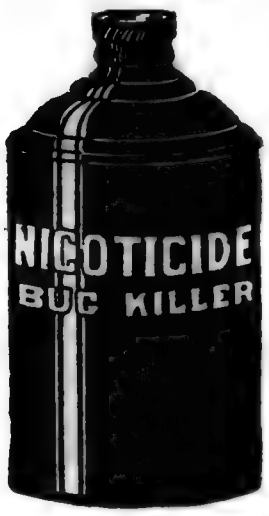
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RED STANDARD POTS Prices per 1000, F. O. B. Harrison

2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80.

Cash must accompany order.

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You admire orderly greenhouses, where all the plants are potted in clean, well-made pots of even size.

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ALL ORDERS SHIPPED WITHIN TWENTY-FOUR HOURS AFTER RECEIPT

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POT MAKERS FOR 140 YEARS

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Always burned to the same degree of hardness. Our kilns are equipped with heat-measuring pyrometers and other up-to-the-minute improvements. Every detail of manufacture, from the clay bank to the strong crates in which Ionia pots are carried to you, marks an advancement over old-time methods. Let us have your order now. We will ship when you are ready.

REMEMBER, that we solved the breakage problem years ago. **IONIA POTTERY CO., IONIA, MICH.**



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I have just equipped two new houses with lead joints and they leak badly. Will someone give me his experience with lead joints and state whether they can stand the expansion or not?

H. H.

If properly made, and if the pipes are so supported as to allow them to expand and contract, lead joints will be found fairly reliable, but the use of oakum and iron filings is preferable. Some recommend, as a still better way, the use of wrought-iron pipe with screw joints. As a rule, 2-inch pipe will be found best for the returns and, if the houses are more than seventy-five feet long, one or more 2½-inch pipes should be used for the flows. Except in short houses, one flow will answer for from 800 to 1,200 square feet of glass.

SIZE OF BOILER.

I wish to thank you for the advice given me in The Review of December 28, page 86, regarding the heating of my greenhouse. I intended at the time to ask what size of hot water boiler would be required to do the work. Will you please answer that question now? The house is 20x75 feet, five feet to the eaves and twelve feet to the ridge, with three feet of concrete and two feet of side glass all around. It is divided by two partitions. I am located in northeastern Illinois. R. P.

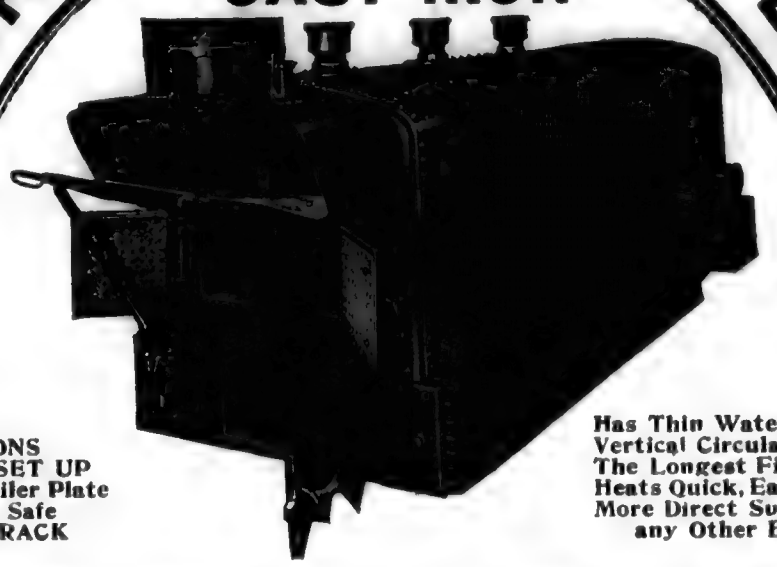
A house 20x75 feet, with two feet of glass in the side walls, to be heated to an average of 60 degrees in zero weather, will require a heater rated for about 900 square feet of radiating surface, if economy of fuel is desired. About 725 square feet of radiating surface will actually be required, and it is always well to add from one-fourth to one-third in determining the size of the boiler.

WATER GETS LOW IN BOILER.

We have six greenhouses, two running north and south and four running east and west. They are heated by a boiler rated for 4,350 feet of steam radiation. The length of the houses is as follows: No. 5, running straight north from the boiler room, is fifty feet long. On the west side of this house and the boiler room is house No. 6, which is 100 feet. No. 7, running west from the south end of No. 6, is 117 feet. Nos. 8 and 9, the next houses northward, are each 125 feet. No. 10, a lean-to on the north side, is also 125 feet.

All these houses are heated with 2-inch pipe. There are two supply outlets from the boiler. The outlet on the north side of the boiler is 3-inch pipe, which runs along the eave plate on the east side of house No. 6 to house No. 9; then west, through No. 9, where, on the

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EASY TO SET UP
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Has Thin Water Ways
Vertical Circulation
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CAST IRON BOILERS CRACK

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Florists and Ornamental Horticulturists
Office 415-423 East Maxwell

Lexington, Ky., January 23, 1912.

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Yours very truly
Michler Bros. Co.

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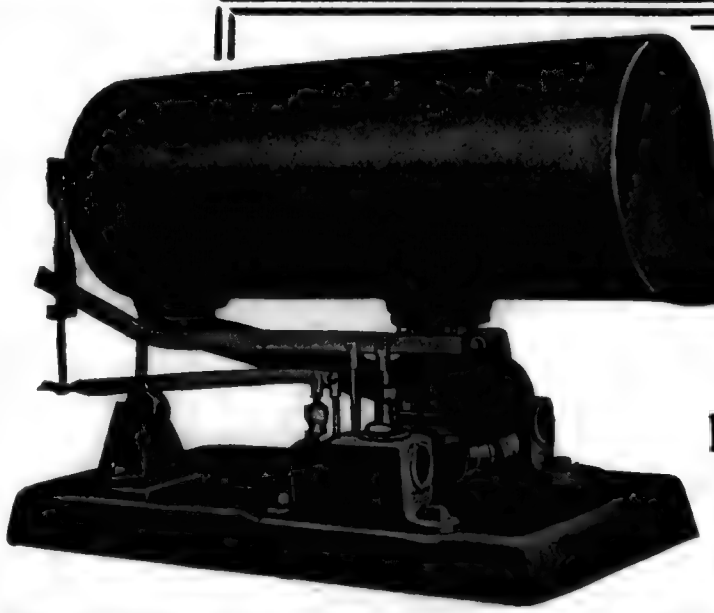
will always be maintained in your steam pipes, no matter how the pressure at the boiler fluctuates, if you equip your main lines with these valves. Carry 40 or 50 pounds pressure on the boiler, set the

Hughson Regulating Valve

to carry 5 or 10 pounds on the line and you will always have a reserve in case of a sudden drop in temperature. This valve saves both fuel and worry. Ask for catalogue and particulars.

Hughson Steam Specialty Co.

5021-3 S. State St., Chicago



An Asset In the Greenhouse Heating System

"Detroit" RETURN TRAPS

are machines from start to finish. Built with as much care as would be given the finest engine.

Simple in design and construction. Air and steam valves are in the same cast iron body.

A shock absorber receives the full weight of water as the trap tilts, eliminating stress, "smash and bang," usual with the ordinary tilting trap.

The lap welded steel tank is tested to 300 pounds pressure before shipment. "Detroit" Traps are an investment—not an expense.

Bulletin No. 326-WF, mailed upon request.

AMERICAN BLOWER COMPANY

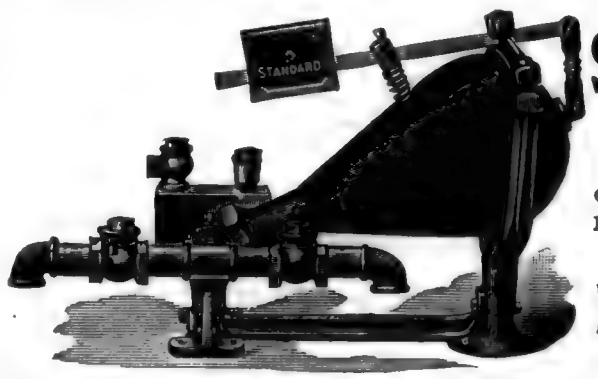
DETROIT. MICH.

U. S. A.

upper end, a 2-inch pipe supplies No. 10, the lean-to. The supply pipe on the south end of the boiler is also 3-inch and runs straight west to the ridge of No. 7, where it is reduced to 2½-inch to supply No. 7 and continues as 2½-inch to the north end of No. 6, supplying No. 5, No. 6, and a room at the north end of No. 6. The returns from No. 10 are brought back to the boiler through 1¼-inch pipe, and from No. 8 and No. 9 through 2½-inch pipe. No. 7 has a separate 1-inch return for each 2-inch pipe, and these run directly to the bottom of the boiler room and empty into a 2-inch pipe running on a level with the return opening in the boiler and some twenty feet from it. The returns from Nos. 8, 9 and 10 run almost level on the greenhouse floor until about six feet from the boiler, when they have a vertical drop to the boiler.

We have had several nights when the temperature was 20 degrees below zero outside and have had no trouble in

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STANDARD STEAM TRAPS

The simplest, most durable and up-to-date steam trap on the market. Ask the man who owns one.

Catalogue sent on request

E. Hippard Co.

YOUNGSTOWN, OHIO

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50% SAVED

Pipes, Flues

and casing thoroughly overhauled and guaranteed. Greenhouse fittings of every description.

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"Spellerized" Wrought Pipe

Especially adapted for Greenhouse Work. Fittings, Valves, Tools, etc.

24th and Wood Sts. PHILADELPHIA, PA.

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keeping the houses at their proper warmth, but the water leaves the boiler so fast that we have to inject water almost continuously. We are unable to understand this, as the water level is one and one-half feet below the return pipe where it takes the vertical drop about six feet from the boiler. We have vertical check valves six inches above the water line in all the returns, but are unable to stop the water from leaving the boiler. We have an idea that the main supply pipes are too small. Kindly give us any information that you think will be of value. I enclose a diagram of the houses.

H. W. B.

Neither the letter nor the accompanying plan gives any idea of the width of the houses or of the temperature desired, so that it is not possible to tell offhand the nature of the trouble.

It is noticed that 2-inch pipes are used as returns in all of the houses and these will require twice as much water for an equal area of surface as 1-inch pipes; this makes it necessary to have a somewhat larger boiler, or at least one of greater water-holding capacity, than would be necessary if smaller pipes were used. This might make it necessary to use the injector when getting up steam, but should make little difference after the coils are filled with steam. If it is true that, in order to maintain the water level, it is necessary to keep the injector working continuously, this would indicate a leak in the system.

DETROIT.

The Market.

Reports from all sides confirm the statement that business in this city is good with the florists. There are, of course, off days, but on the whole trade is satisfactory.

The arrival of bulbous stock and an occasional warm day has somewhat relieved the market of a scarcity of roses and carnations that caused retailers no end of trouble. The long, steady period of zero weather kept roses and carnations at a standstill, but relief is in sight. White and Enchantress carnations were especially scarce. Beauties have been quite equal to the demand. Sweet peas, valley and fine forget-me-nots are available and sell readily. Formosa lilies are filling a steady demand for funeral work, as also are lancifoliums. Mount Clemens is shipping in some fine single violets. Smilax, ferns and both kinds of asparagus are plentiful. Fine southern smilax is meeting with a good sale.

Various Notes.

A little Miss Taepke arrived at the home of Walter Taepke the middle of January and all the florists have been smoking to her health.

E. A. Fetters and B. Schroeter were called on to lend a hand in the decorations for the auto show held here last week.

Breitmeyer's window was appropriately trimmed for McKinley day, January 29. This firm had a decoration January 31 which called for lilac in large quantities.

The trouble in obtaining coal, due to the inadequate facilities of the railroads for handling it, has been the cause of many a sleepless night for some of the growers. The situation

Burnham Boilers Best

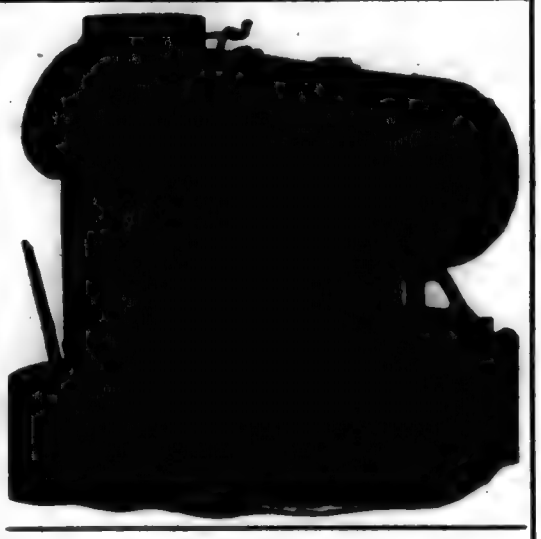
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IMPROVED RETURN TUBULAR FIREBOX BOILER



Johnston Heating Co.
131 E. 26th St., New York City

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BOILER FLUES

I make a specialty of handling carefully selected Boiler Flues, 4-inch diameter and other sizes for greenhouse heating, retubing Boilers, Gutter Posts, etc. These Flues are thoroughly cleaned and trimmed, ready for use. Also sales agent for Stuttle's Patent Clamp for joining Flues—no packing, no leaks. Right prices and prompt shipment.

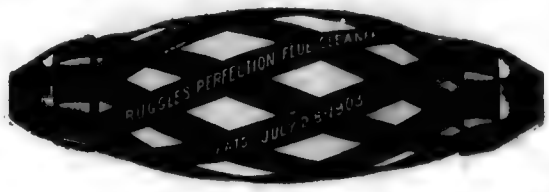
H. MUNSON
1405 Wells St., Chicago
Telephone North 572

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FOR GREENHOUSES
STEAM AND HOT WATER
Get our Catalogue and Prices.
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Heads are drop steel forgings.
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OUR COMPLETE LINE LARGE STOCK LONG EXPERIENCE will enable us to serve you exceptionally well. The confidence which the Florists and Gardeners have in our house is the result of our more than

Fifty Years' Fair Dealing

with them. Give us a trial. We are especially anxious to quote you on your

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FREE Write for our Catalogue No. 25 H. 172 pages of general supplies and special prices to Florists.

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Shredded or Pulverized



Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unequaled for all field use. Write for circulars and prices.

The Pulverized Manure Company
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Sheep's Head Brand furnishes the valuable organic matter and humus necessary to grow crops. It improves the mechanical conditions of the soil. Makes compact clay more open and porous, makes light, sandy soils more retentive of moisture, keeps soluble plant foods within reach of rootlets of growing vegetation. Farmers, orchardists, florists, truck and market gardeners should send for our book "Fertile Facts" to learn how properly and most effectively to fertilize the soil.



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Dept. 28, Aurora, Illinois

GET OUR PRICES ON

Galvanized Wire Rose Stakes and Tying Wire

Manufacturers of the Model Plant Supports for Carnations, Dahlias, Golden Glow, Peonies, Chrysanthemums and Tomatoes.
Lawn Fence, Flower Bed Guard, Trellis.

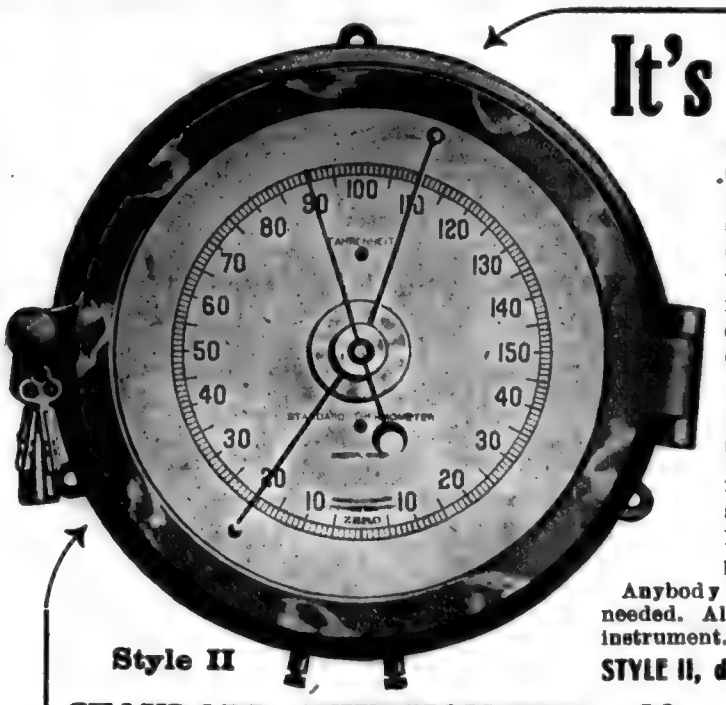
IGOE BROTHERS
63-71 Metropolitan Avenue, BROOKLYN, N. Y.
Mention The Review when you write.

would have become serious had not milder weather set in.

Fred Breitmeyer and Fred Pautke, distributors of the new white pompon, Helen Newberry, report many sales.

Sullivan's force put in a busy day January 29, decorating for the Knights of Columbus ball. January 27 they were obliged to work nearly all night on a heavy order of funeral work.

B. Schroeter is showing some fine lilac, grown in his houses. H. S.



It's Padlocked

and arranged with hermetically sealed case, safe from hose or dampness. It is an instrument developed specially to meet greenhouse conditions. It cannot be tampered with and remains absolutely accurate and effective, no matter how damp your house may be. In all other respects, however, this

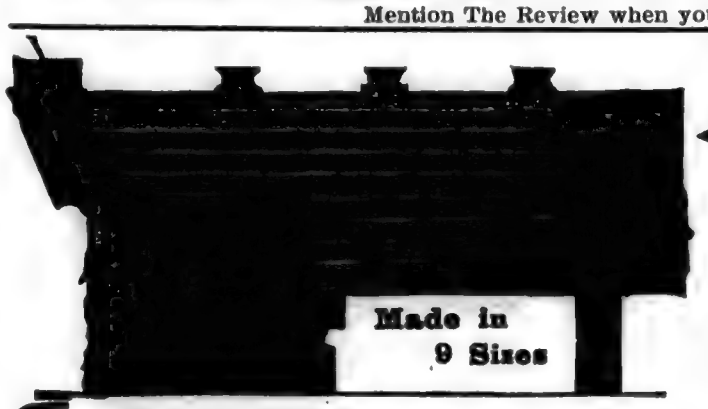
Standard Special Greenhouse Thermostat

is practically the same as Style I, advertised in last week's Review. It gives positive warning of approaching fire or frost, heat or cold. Anybody can put it up—only a screwdriver needed. All necessary directions with each instrument. Order today. Ask for

STYLE II, diameter 6 in., price $10.00 each

STANDARD THERMOMETER CO., 65 Shirley Street,
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More Heating Surface

and less water space than is contained in any other boiler. (Note the many flues set close together.) This is one reason why the users of the

"Superior Standard" Greenhouse Boilers

find them perfectly satisfactory. We frequently receive re-orders from florists who have tested these boilers thoroughly and found them even "Superior" to our claims.

Why not ask for full particulars today? A postal to us will bring a prompt reply.

SUPERIOR MACHINE & BOILER WORKS
Superior and Green Sts., CHICAGO, ILL.

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TILE or PIPE FRAME **BENCHES**
Write for prices. Drainage perfect.
TILE BOTTOMS 12 x 24 and 9 x 24
Furnish any quantity.
The Camp Conduit Co. 718 Garfield Bldg., CLEVELAND, O.

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DO YOU KNOW ABOUT THE

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Get Our Catalogue **For GREENHOUSES**
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If so, have you given your ventilating system consideration worthy of its significance? It is necessary to have perfect vent sash operators in order to secure the required results.

All we ask is a careful investigation of our machine and we know that you will confirm our statement that we have the best on the market.

Write for a catalogue.

ADVANCE CO.
Richmond - Ind.



The REGAN PRINTING HOUSE

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This Engine Gives a Spray Like This

when pumping directly into two lines of ¾-inch hose, and it only requires a 2-horsepower engine to do it. This size is capable of delivering from 800 to 1000 gallons of water or liquid fertilizer per hour against any pressure up to 90 pounds per square inch. This is equal to the pressure from a tank 200 feet high.

STANDARD PUMPING ENGINES

were developed with the particular needs of florists and gardeners in mind. Their main claim on your attention is their economy and **absolute reliability.** Send us your name and address for free Catalogue No. 10.



The Standard Pump & Engine Co., 14 Michigan St., CLEVELAND, O.

IN CENTRAL ILLINOIS.

Business has shown a decided improvement since the advent of normal January weather throughout this section. There seems to be a general shortage of roses and carnations, but a look at the carnation benches in the various establishments shows that a few days of sunshine will have the effect of bringing them out in abundance. It is surprising to see the stock in such admirable condition when one takes into consideration the fact that for several weeks the ventilators were clamped down to the ridge.

The rose situation is not so promising, and for some little time to come "the great central market" will be called on, in a marked degree, to take care of our wants along this line.

C. H. Fallstrom, proprietor of the Dixon Flower Shop, Dixon, Ill., reports business good.

A visit to the Sterling Floral Co., Sterling, found Mr. Lundstrom decidedly busy with funeral work. A look over the stock in the greenhouses found everything in first-class condition, and it was hard to realize that this place was visited by a disastrous hail storm November 11, last year.

R. A. Simmen, of La Salle, states that business is all that could be expected. He is evidently a firm believer that nothing pays so well as an attractive display of seasonable stock in his spacious store window.

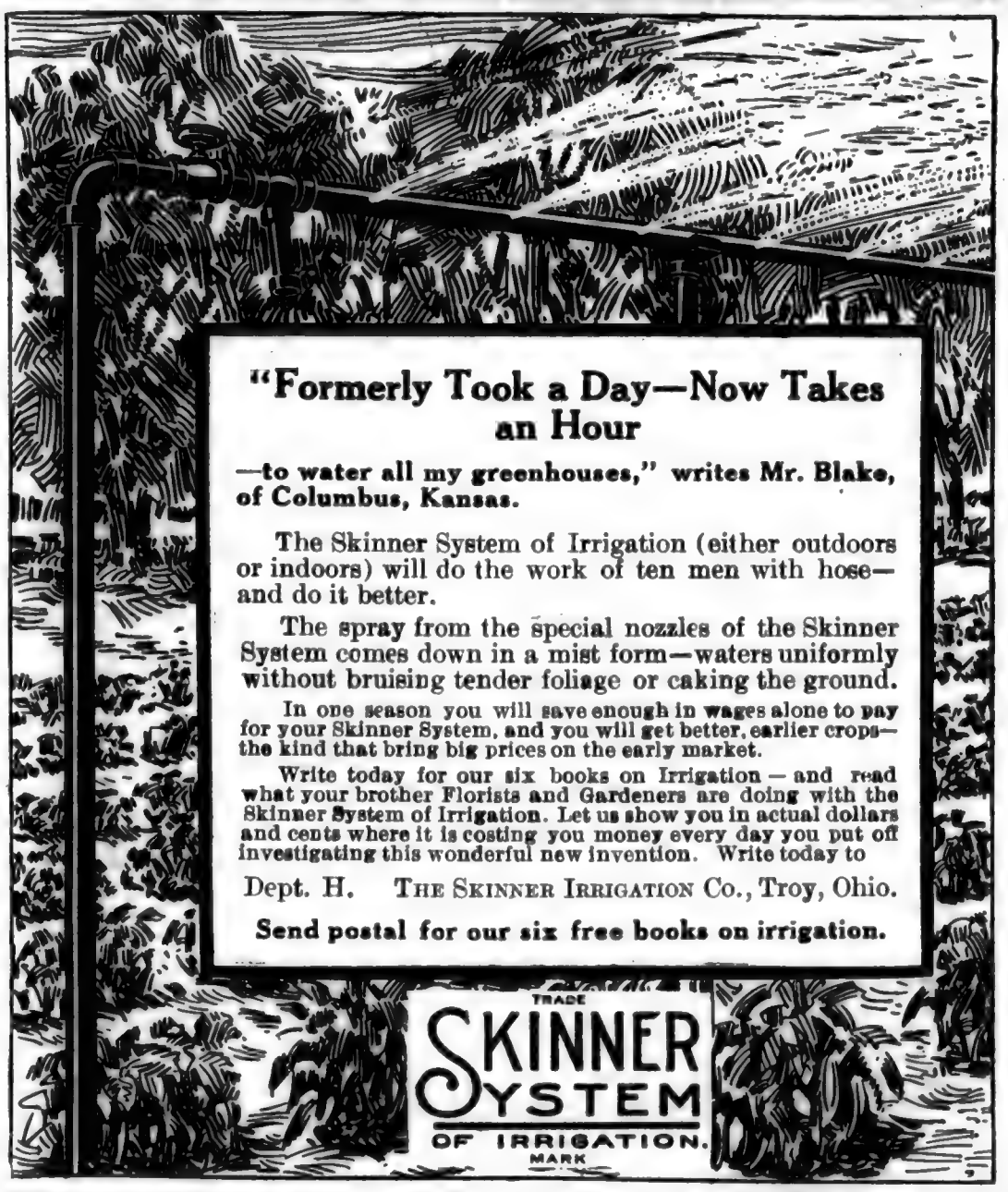
Carl Erickson, of Princeton, has found it necessary to enlarge his plant by the addition of another good-sized greenhouse, which he will erect as soon as conditions are favorable. Business has been good with him.

A. G. Larson, of Galva, states that business was exceptionally good with him all through the month of January.

If only half the florists that now contemplate going attend the annual meeting of the Illinois State Florists' Association at Joliet March 5, it will be the biggest and best convention in the history of the society.

Kring Bros., of Fairbury, are just coming into a record-breaking crop of carnations, and the quality of their stock is all that could be desired. They believe in the theory that to get the best results out of any variety it pays to occasionally change the stock by purchasing stock raised in different soil from their own. A. E. L.

La Salle, Ill.—Mrs. Robert A. Simmen, wife of the First street florist, has gone to New York city, in company with their little son and George F. Simmen. They will spend about two months in the east.



DREER'S "RIVERTON SPECIAL" PLANT TUB



No.	Diam.	Each	Doz.	100
10	20 in.	$1.45	$16 00	$130.00
20	18 in.	1.30	14.00	115.00
30	16 in.	1.00	11.25	92.00
40	14 in.	.65	7.00	56.00
50	12 in.	.45	5.00	40 00
60	10 in.	.38	4 00	32.00
70	8 in.	.30	3.50	28.00

Manufactured for us exclusively. The best tub ever introduced. The neatest, lightest and cheapest. Painted green, with electric-welded hoops. The four largest sizes have drop handles.

HENRY A. DREER, Seeds, Plants, Bulbs and Supplies **714 Chestnut St., PHILADELPHIA, PA.**

Anchor Brand Plant Tubs

Made of Everlasting Virginia White Cedar. Many styles—many sizes. Write for full prices and dealers' discounts

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FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

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Pecky Cypress is the greatest money saver discovered in years. Will last at least three times as long as any other wood for bench material. We can make immediate shipments at all times from our large stock.

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are of the **Highest Quality of Construction,** producing the greatest durability, longest life and best service. Give florists at small expense same water service as in cities. Write for list of users in your vicinity, and illustrated catalogue.

W. E. CALDWELL CO., Incorporated
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TANKS { Steel, Wood, Galvanized } TOWERS

Windmills, Pumps, Gas Engines

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Tree Tubs and Brass Hoop Jardinieres.

The extension stave foot prevents the bottom from rotting. No chance for water to collect.

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KING

SHELF BRACKETS

will do it for you, and as for GREENHOUSES AND FITTINGS we are headquarters. Our imitators are many, but they are behind the procession.

LET US FIGURE WITH YOU.

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GREENHOUSE GLASS

Are always the lowest. Our qualities are the best.
We are MANUFACTURERS. Write us for prices.

THE COLE GLASS CO., Lancaster, Ohio

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BOWLING

AT TACOMA.

The Seattle bowlers visited Tacoma January 18, for a return game, which was won by the Tacoma club. The scores were as follows:

Seattle.	1st.	2d.	3d.	Totals.
Buxton	192	148	152	492
Tolmon	184	162	134	480
Stuber	123	140	124	387
Sahli	111	170	88	369
Wolze	115	174	183	472
Total	725	794	681	2200

Tacoma.	1st.	2d.	3d.	Totals.
Miller	139	157	180	476
Tschunko	158	195	157	510
Benthien	179	132	148	459
Ghilarducci	171	142	181	494
Hins	199	169	150	518
Total	846	795	816	2457

AT CHICAGO.

The Chicago bowlers made the following scores January 24:

Orchids.	1st.	2d.	3d.	Roses.	1st.	2d.	3d.
J. Zech...	156	95	166	Stack	149	153	133
Graff	151	207	167	Welsh	125	112	172
Krauss ...	142	157	155	Hendka ..	115	113	113
Farley	172	150	194	Wolf	120	110	162
Huebner ..	161	171	172	Fischer ...	136	189	165
Totals ..	782	780	854	Totals ...	645	683	745

Carnations.	1st.	2d.	3d.	Violets.	1st.	2d.	3d.
Lorman ..	165	140	142	Schlos'n ..	117	123	107
Ayers	167	181	158	Van Gelder	169	158	192
Winterson.	123	121	133	Simons ...	137	136	102
Balluff ...	162	211	166	Pupont ...	158	127	192
A. Zech...	144	172	179	Sweeney ..	146	123	172
Totals..	761	825	803	Totals ..	727	667	765

AT MILWAUKEE.

The following scores were made January 23 by the members of the Milwaukee Florists' Bowling League:

Player.	1st.	2d.	3d.	Player.	1st.	2d.	3d.
G. Pohl....	167	108	123	G. Hunkel..	110	127	114
R. Currie...	138	163	...	W. Hallid'y.	150	122	137
A. Hare....	118	117	128	L. Manue...	136	140	140
A. Kellner....	168	135		G. Rusch.....	147	187	
P. Nohos.....	199	143		A. Schmitz....	142	132	
N. Zweifel.	133	135	151	E. Oestreic'r	98	121	101
C. Gutbrod.	227	139	179	R. Leitz.....	116	149	

E. O.

AT BUFFALO.

The bowlers made the following scores January 29:

Player.	1st	2d	3d
McClure	180	213	182
Sandiford	176	166	180
Wallace	229	179	180
Streit	189	169	154
Mansfield	196	179	160
Grever	146	143	144
Cloudsly	204	175	190
P. Taylor	149	136	129
H. Taylor	140	118	137
Speidel	149	159	155

S. JACOBS & SONS

1361-1365 Flushing Ave., Brooklyn, N. Y.

Manufacturers and Jobbers in

Greenhouse Construction Material

Take Notice We furnish working plans with each order free. We make no charge for any information you may require while erecting your house.

Most complete Factory of its kind in the United States

Established 38 Years

Absolute Reliability

Personal Attention Given to Every Order



ONE OF OUR NEW ADDITIONS.

Let us quote you
LOUISIANA RED CYPRESS,
BOILERS,
PIPE,
FITTINGS,
VENTILATING APPARATUS,
GLASS,
We carry 20,000 boxes in stock.
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SEE THAT LEDGE.
Pat. Sept. 18, 1900

THE JENNINGS IMPROVED IRON GUTTER.

Use Our

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VENTILATING APPARATUS

Improved Vaporizing Pans for Tobacco Extracts, Etc.

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Has paid $192,000.00 for glass broken during the last 28 years. For particulars concerning Hail Insurance, address

John G. Esler, Sec'y. Saddle River N. J.

Peerless Sulphur Blower

"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago

McMORRAN & CO. 162-166 N. Clinton St. CHICAGO, ILL.

THE RETAIL FLORIST.....

MAKING A CASKET COVER.

Can you tell us how to make the foundation for a casket cover properly? We made one in aster time and it was a great success, but we think there must be less laborious ways than the one we employed. V. A. A.

There are numerous ways of making a cover of flowers or green for a casket. Flowers of any variety or a number of varieties can be used, but upon the type of flower depends the frame or body of the cover.

The stiff wire frames, as made by the wire workers, are perhaps used as a framework more extensively than any other method. For large flowers, such as lilies, large chrysanthemums or Beauties, this wire frame is best. After lightly covering the frame with leucothoe sprays or other green, fasten the flowers with pieces of No. 20 to 24 wire, bent into long hairpins. It is always advisable to bring the wires up from underneath, so as not to leave a lot of ends which would mar the casket.

Wire netting—mosquito wire—adapts itself nicely for use in making covers out of roses, carnations, narcissi or other flowers of medium size and not too stiff a stem. A cover made in this way conforms readily to the shape of the casket. Fasten the flowers in the same way as to the wire frame; a number can, of course, be fastened at one time if the stems are long.

When making such small flowers as violets, sweet peas, Roman hyacinths, etc., into a casket cover, then I would advise sewing or pinning the flowers to a piece of moss-green denim, or overall cloth, as it is commonly called. This makes by far the most graceful cover. The flowers should be made up into small bunches of about one-half dozen flowers, with the stems cut short, and these small bunches should be fastened to the cloth. Only a little extra green is required; of course, the bunches must be fastened close together. In order to facilitate matters, you will find it a good plan to lay the cloth or wire netting over one of the regular stiff wire frames while working on the cover.

Some florists moss the wire casket cover frames as in other design work, but this I deem useless. Only when using galax leaves as the background, is moss required.

Until you know from experience about how many flowers are required for a cover, it is a good plan to keep a record of those you have made. Note the size and kind of flowers and the number used. The size and quality will, of course, change your figures somewhat, as will also the spacing of the flowers; still, you will find a record a great convenience when you are asked for the cost of a cover of a given size. Hugo Schroeter.

WHAT IS GOOD DESIGN WORK?

Some of the Minor Points.

This subject has been discussed in a general way in these columns before, but this time I propose to discuss it somewhat more particularly.

Before approaching the vital points let us get rid of a few related ones which come in for more or less respect in judging design work, but which do not belong strictly within the subject. These are the quality and quantity of stock used, taste in selection of the design and the mechanical details. While the lack of any one of these elements may mar an otherwise good piece, they are not likely to be overlooked by a designer who has in mind and in practice the two necessary principles of fine floral work.

There are a few designs the selection of which was never dictated by good



J. E. Jay's Cross for Criticism.

taste or common sense, yet there is more in the way they are made than in the design itself. Everybody will admit that neatness, strict outlining and symmetrical development are all classed among the things he "ought to have done." Quantity of stock is of the least importance in judging good design work. What can be done with two dozen roses in skillful hands often has artistic value a thousand per cent greater than four dozen of the same roses indifferently arranged.

The Grouping of Flowers.

Hence, when it comes to real character and excellence, be it in a bride's bouquet, a Christmas wreath or a pillow, the following two elements outclass all the rest: The first is the grouping of the flowers, plants or foliage. By grouping is meant the manner in which the flowers are put together, the relationship they bear to each other. It is one of those well-nigh indefinable qualities which do the same for a design as the phrasing for a musical composition, or the rhetorical pauses for a public speaker. It is not regularity, nor yet exactly irregularity in placing the flowers, although it may include both. The individual flowers which compose the group may be drawn toward some of the others and repelled from some. Some fall out of line; some show a full face view, others a profile, and still others a back view, as you often see them, happy-go-lucky, lying as they might fall. There is no telling how to do it. The doing must be an inspiration. It can not be copied from the work of another, for the other can not reproduce an exact duplicate. The instinct which produces the inspiration supplies the infinite variety which is more insisted upon each year by the discriminating public. A well ordered group of flowers if on a set design frame will conform to the outline of the frame or keep within its bounds. A well ordered group also makes use of its stems, long and short.

Two Designs Compared.

In order to better illustrate these points I have chosen two designs previously published by The Review. Both are from the work of other people. Illustration number one is that offered by J. E. Jay for criticism in the issue of May 11, 1911, and the other is a design by T. A. Ivey, published in the issue of February 14, 1907. In the conventional style of design of which the first illustration is a type there is a lack of relationship between the flowers. The flowers and foliage are set in to fill the space. There is no evidence of plan, or the "how," as always appears in good grouping. I would advise Mr. Jay to break away from the conventional type and give his own individuality a chance. He has the courage, or he wouldn't have been plucky enough to make the offer that he did last May. I feel sure that the benefits to the trade have overbalanced his sacrifice of his feelings.

If he had grouped his cycas leaves at the base he would have had a more symmetrical, clearly outlined piece, with a more artistic touch. Attention is attracted to this class of design on account of the size and quality of flowers; in other words, one does not allow the art instinct a chance. It is largely mechanical.

On the other hand, turn to the second illustration, that of the shield by Mr. Ivey. The outline of the piece has been carefully followed. You can tell at a glance what it is. This much accomplished, the designer is free to create the two groups which so charmingly ornament the piece. These two groups illustrate better than words can describe the principle of good grouping. In the spray of roses, valley and adiantum, note the closeness of a few here and there, the rest spaces, the independent reach of the roses which form the tip of the spray, and the one below which hangs just below the edge. Not only is the grouping of the roses

fine, but of the valley and adiantum as well. The group of lilies above the piece will bear the same test which our definition of grouping requires. This element of the piece would be worth sixty per cent in judging the merits of the piece as a whole. In a word, the designer of this piece is a true artist, and well qualified in his chosen profession.

Art the Master of the Mechanics.

Any design, by which is meant any assemblage of flowers, plants or foliage, may be judged correctly by this standard. Take a vase of flowers, leave it to its own way of grouping and you will not find the flowers getting into line just so far on every side from their neighbors, but they will huddle here, stretch away there, retire in another place, and fall out of line over yonder. Yes, they are unruly, but that is the charm of it all.

While we are about it let us realize that while the mechanical part of our work is necessary, it should be placed just where it belongs—in the position of servant to its master, the art instinct.

It does not necessarily follow that even a fraction of the high-class designs need be of this particular style. It is only one of the many possibilities.

Coloring the Second Essential.

The second essential of a well executed design can easily be guessed—it is that of color, and it follows as day follows night that where the grouping shows fine taste the coloring will appear in the same degree of excellence. The color distinctions will be fine-grained, not only in the strictly decorative parts of the piece, but in the blending of the special design with the background. Some common blend of color will be found in each, which common color will develop in at least two different lines, one in the background and one in the decorative part. To illustrate, suppose Mr. Ivey's shield was made of asters instead of white carnations for the background and sweet peas in place of roses in the decorative spray; it would be in good taste to use lavender asters and violet pink peas. In each there would be the element of violet color running through the asters in lavender and through the peas in the violet pink. This is a restful and harmonious scheme to develop a union in color throughout the whole piece.

If the design were a bride's bouquet there would be cream ribbon with the flowers of the yellow cast of the valley, rather than either white or cream ribbon as it happened to come to hand. There would be a delicate consideration for harmony in greens. If it were a pink bridesmaid's bouquet the pink would be carefully blended with that of the gown, and not an attempt to unite a salmon pink bouquet with a violet pink gown. In a funeral spray the tie would be a tint or two weaker than the color of the flowers in the spray.

Much more could be said in the line of color blending, but space forbids. In a word, learn color principles yourself; then talk it to your customers. Learn to produce good designing; then show your customers the difference.

In judging design work, here are the points in the order of their value:

1.—Grouping.
2.—Coloring.
3.—Taste in selection of design.
4.—Quality of stock.
5.—Mechanical details.
6.—Quantity of stock.

Gertrude Blair.



Shield on Easel Made by T. A. Ivey, Brantford, Ont.

BARTCHER'S STORE.

The illustration on page 13 is reproduced from a photograph taken at Denison, Ia., by an itinerant camera man who dropped in unannounced on Charles Bartcher. When a man goes to a photograph gallery to get his portrait made he puts on his best suit of clothes, gets a hair cut, has his mustache curled, and his shoes shined, even though the portrait is not to be full length. For the same reason the average flower store is dressed for the occasion when the photographer is expected. The point is, if it has not been made clear, that the Bartcher store presents its everyday appearance in the picture. The refrigerator shown is of the McCray make and was recently installed.

Mr. Bartcher, who is seen in the picture, combines the running of a retail flower store with his business as an undertaker, but the undertaking department is kept in the background.

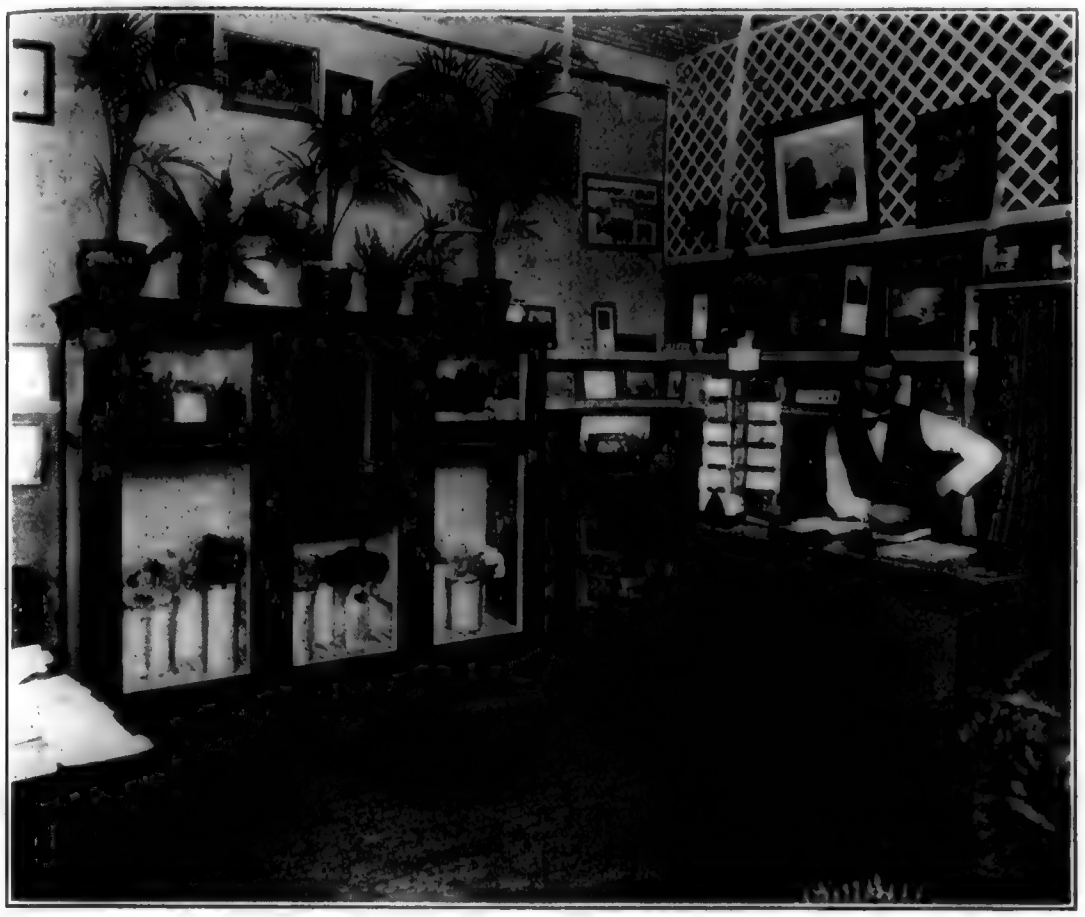
AN AUTO TRUCK.

It is quite the regular thing nowadays for retail florists to do their delivering with automobiles, but usually they are light cars. Randolph & McClements, in Pittsburgh, operate several light cars and also have the heavy truck shown in the illustration on page 13. They handle all the heavy loads with it and find it will do the work of two teams and is just as useful as the lighter cars.

PROGRESS AT SPRINGFIELD, O.

Expansion of Florists' Trade.

According to a common, popular misconception, every floral enterprise must necessarily prove pleasant, healthful and profitable to the owner. The fact is, however, that the same economic forces operate as in all other lines of business to induce success or failure, while some forces peculiar to the business are such as to make it extra hazardous. Practical knowledge, based upon years of experience, is the first requisite, to which must be added good business methods and an aggressive policy, after which success and satisfaction are rather more certain to follow than in the more ordinary lines of commercial effort.



Store of Charles Bartcher, Denison, Iowa.

This particular community is so largely given over to mercantile and manufacturing pursuits, with accompanying thoughts of inert merchandise, tons and yards, bargain sales and advertising plans, shafts and wheels, gears and sprockets, plugs and sparkers, and so on, that it is practically impossible for the average layman to appreciate adequately the decidedly different business atmosphere in which the florist lives and toils. Still, the layman must not assume that it is a case of "all among the roses," but should remember that the plants and flowers come only as a result of unceasing vigilance and toil with soil and fertilizers, air and water, cloud and sunshine, heat and cold, coal and ashes, pests and perversities of nature innumerable.

Area of Glass.

In the Springfield flower district the area of glass amounts to approximately one million square feet, which does not seem a large figure in comparison with the fact that one concern in Chicago has about one-half more in size of houses, but it should be borne in mind that these are planted for cut flowers, whereas the local houses are filled with plants in small pots, so that the aggregate of plants grown here is beyond anything elsewhere on earth. At a conservative estimate, the local product reaches something like fifteen millions of plants annually, nearly one-half of which are roses.

Hardy shrubs are being grown in constantly increasing varieties and quantities, the present crops including such items as 500,000 phlox, 250,000 peonies and 35,000 Japanese and German iris.

The importation of bulbs and roots to the value of about $25,000 is rendered necessary by the demands of the retail mail order catalogue trade and for this same purpose as many as 15,000 Camellia Japonica are required, which is quite likely to be equal to the importations for all of the remaining United States. Importations of azaleas are on the decrease, for the reason that the average housewife is not sufficiently conversant with the method of care necessary to success with these beautiful plants.

The Catalogue Trade.

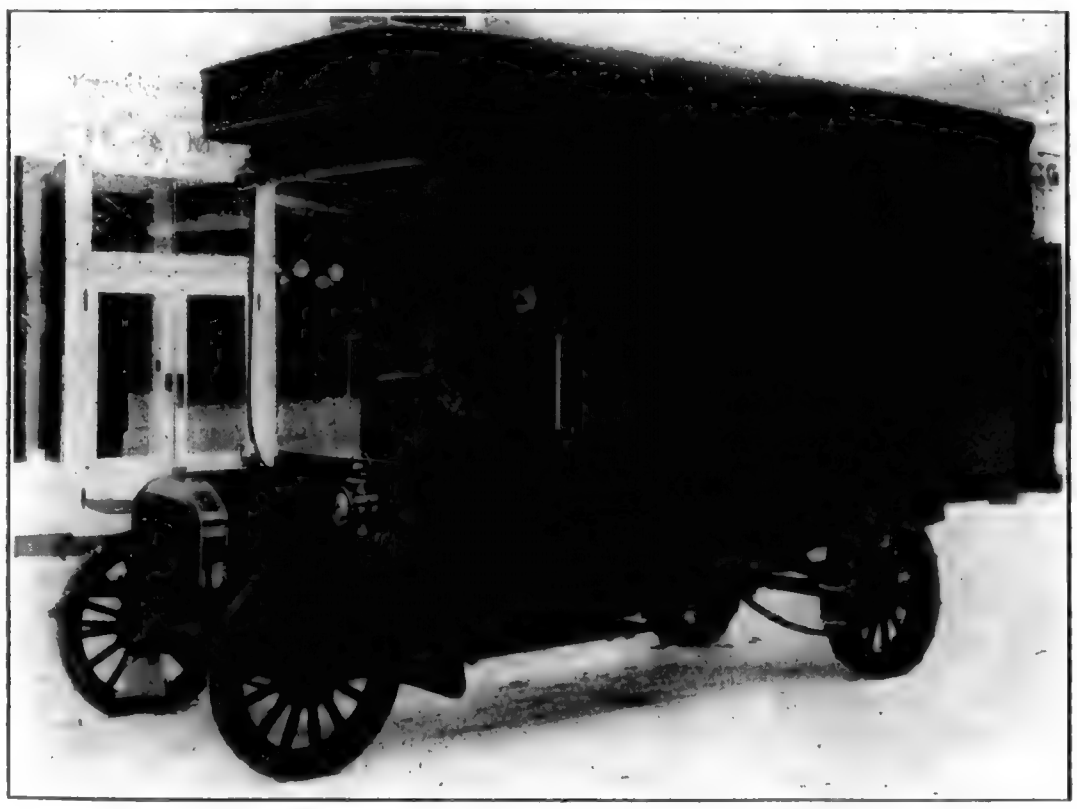
The sale of the products of the various florists' concerns in this locality requires the printing and mailing of something like one and one-fourth million catalogues annually, which helps materially to make matters interesting for the publishers and postoffice employees. There is somewhat of a tendency to reduce the size of catalogues by cutting out elaborate descriptions and large cuts, which are not so essential as in former years. The issue of retail catalogues from this locality is now confined practically to what is known as the "Big Four" group of florists, a few of the less successful catalogue florists having failed to survive the division of business with competitors springing up all over the country, and their places have been taken over by larger concerns in need of more houses or devoted to growing for the wholesale trade exclusively.

As Compared with Other Trades.

An estimate of the gross sales of all florists' establishments hereabouts might apparently seem rather small in comparison with figures which could be compiled from mercantile and manufacturing statistics. But it should be remembered that the merchant handles a vast amount of stock on an extremely small margin and frequently some at a positive loss, and the manufacturer buys his raw material and passes it through numerous processes before placing it upon the market at a profit not always sufficiently large to overreach the selling and overhead expense. The florist knows neither raw nor manufactured material; practically everything that he sells is a thing of life, each stock, plant, root, bulb and seed becoming the parent of innumerable offspring. Like "leaven hid in three measures of meal," the process of multiplication is limited only by the labor applied, the soil, heat, light and moisture provided, and the space under glass available. Consequently, the ratio of profits to gross receipts is proportionately greater than in the ordinary lines of commerce. The same would be true as to an estimate of the number of employees, since the florists' results depend only in part on human labor, which serves merely to place the seed, bulb, cutting or plant in its proper environment, after which nature, aided by constant and competent watch-care, is expected to do the rest.

The Florist's Natural Enemies.

Like the farmer, the florist has enemies as numerous and as persistent and annoying as those of old Nehemiah. All of the elements at times conspire against him in turn—heat, cold, cloud, sunshine, drought, moisture. His work is attacked by grubworm, angleworm, eelworm; by red spider and green fly; by miller and leaf-roller; by black-spot, mildew and fungus; by nematode and club-root. But for all such there is usually a preventive



Heavy Truck Used by Randolph & McClements, Pittsburgh.

or remedy, which must be known and applied in the proper way, at the proper time.

"Once a florist, always a florist," appears to be the rule, as it rarely occurs that the profession is abandoned even in old age; so it may safely be regarded as a most interesting one. Ge Dale.

SEASONABLE SUGGESTIONS

Antirrhinums.

In order to have a good Memorial day crop of antirrhinums, plant the seed or root cuttings now. Select separate shades of color. The pinks are especially popular, and scarlet shades, while not in heavy demand at other seasons, always move well at Memorial day, a time when bright colored flowers are wanted. In selecting cuttings, rub off with a heel those found on the flowering shoots. Place them in any cutting bench such as will root carnations. Pot off when nicely rooted and bench during March. Each of these plants should carry four to six good spikes. They do not require a warm house. They do better at 45 degrees as a minimum, and 50 degrees should not be exceeded.

Gladioli.

The first planting of the large bulbed varieties of gladiolus, such as America, Augusta, etc., will now be several inches high. Some of these may be open for Easter, but as a rule they are not seen in any number before the middle of April. About the middle of February is a suitable time to get a second batch in the soil, for cutting around Memorial day. Do not omit a good number of that inexpensive but excellent scarlet variety, Brenchleyensis, in addition to America, Augusta and Mrs. F. King. Do not use any fresh manure which will come in contact with the bulbs. If you have no old manure, try fine bone and pulverized sheep manure, incorporating them well with the soil. In order to secure an early crop of such varieties as Colvillei The Bride, Peach Blossom and Blushing Bride, every week or ten days bring a few flats into a house kept at 48 to 50 degrees at night. A higher temperature will spoil them.

Asters.

It is just a trifle early to sow asters to plant outdoors, but if you will have a vacant bench about the end of March or right after Easter, which you can plant with them, you will find them a useful crop, as they will give you flowers of good quality just at the time when carnations are getting poor. Probably the earliest of all asters is Early Wonder, now obtainable in two colors, pink and white. This comes in at least a week ahead of Queen of the Market, has longer flowers and partakes more of the character of the Comet section. Queen of the Market is the standard early variety to grow. It gives a tremendous crop of flowers, not so long stemmed as the later sorts, but valuable for all classes of design work. The Hohenzollerns are also fine early asters, with big flowers, and are grand for cutting. As a rule, white asters have first call, pink, light blue and dark blue following in order of popularity.

Vincas.

The annual vincas, or periwinkles of Madagascar, are most satisfactory summer bedding plants. They are never without flowers, and whether in solid beds or scattered in clumps through mixed borders, are equally effective. There are white, rose, and rose and white varieties. In addition to being splendid for bedding, it is not generally known what excellent summer flowering pot plants they make. In Europe they are much used in this way. In order to have strong plants for spring sales, sow the seed now in a brisk heat. These annuals want rather more heat than asters, stocks and the general run of annuals, to grow them well.

Moonflowers.

The moonflowers, Ipomœa Horsfalliæ, are always in demand as climbers. In order to get strong plants, the seed should be sown in heat by the middle of February. Do not grow the little plants in strong heat right along, or they will get too big. Move into a house that asters, geraniums, etc., delight in after they are potted off and they will come along nicely.

Salvia Splendens.

While strong plants can be had from salvia seed sown as late as the end of March, if plants are wanted which will carry flowers before bedding out time, the seed is better sown by the middle of February. The dwarf varieties, such as Zurich and Bonfire, are excellent bedders, but the old splendens, while a taller grower, is still hard to beat and in the estimation of many is still superior to the improved types constantly being introduced.

Silvery Foliage.

Where plants with silvery foliage are in demand for bedding, now is the time to sow a batch of Cineraria maritima, Centaurea candidissima and C. gymnocarpa, the best plants of this particular shade of color.



WINTER-BLOOMING SWEET PEAS.

Will sweet pea seed grown in California, in the open, flower as prolificly as seed grown under glass? I have heard complaint this winter that sweet peas are not blooming so well as in other years and certainly mine are not. Seed sown September 15 in pots and planted in solid beds had not showed bloom January 1. Of course I refer to the winter-flowering type of sweet pea, which has come into such wide demand among florists. The question is whether growing the seed in California will not change the nature of the plant and cause the trouble we have had this winter? This is a most important point and will have to be thoroughly understood if we are to avoid disappointment in the future. C. E. Y.

In answer to C. E. Y., in regard to sweet peas not flowering, I would say that winter-flowering sweet peas should now be in flower, providing they have been grown at a flowering temperature. It is possible enough, however, if they have been grown cool, not to be in flower yet. It may be that the seed was of the ordinary type. This being so, they will not flower for some time yet. It would be impossible for the winter-flowering kind to change its character. All the seed is grown practically in California. We are having no trouble here. It is either the seed is the ordinary type or else they have been grown too cool to flower. The one type from the other can be easily distinguished. One kind breaks at the bottom; the other breaks up the stem of the plant. William Sim.

Answering the letter of C. E. Y., appearing in The Review for January 5, 1912, would say that the early flowering or Christmas sweet peas, grown in California, give perfectly satisfactory results providing the seed is properly grown; they can not, however, be grown in the ordinary manner in which grandiflora and Spencers are grown. C. C. Morse & Co.

Answering the letter from C. E. Y. concerning winter sweet peas, I would say that there are now many so-called winter sweet peas in the market. Almost ninety per cent of the world's supply of sweet pea seed is grown in California and there is not any danger that they shall run back to the late varieties, providing they are cultivated by an expert grower who always selects his stock seed during the winter in the east under glass, where there is

not any danger of being mixed up with the late ones. Such sweet peas are usually guaranteed up to ninety-eight per cent to be true winter-flowering. Of course, as I said, a majority of the seed growers use the same seed again, without reselecting the same, and such seed will certainly run back to the late varieties inside of three years. As C. E. Y. sowed his sweet peas September 15, he could not have them in flower for the holidays, but by the first part of February they might bloom O. K. If winter sweet peas are wanted for Christmas they must be sown not later than August 20. Ant. C. Zvolanek.



PROPAGATION OF HYBRID TEAS.

Will you please let me know how best to propagate hybrid tea rose cuttings in summer, with the cutting bed in a cold-frame and the cuttings to be taken from outdoor plants? Any instructions as to how to prepare the cuttings and the bed will be much appreciated. I should also like to know how to care for the young plants through the winter, so as to have them ready for bedding out in the spring.

Cuttings of hybrid teas and other outdoor roses can be readily rooted in a frame in summer. A foot of warm manure, well tramped, should be placed in the bottom of the frame, in order to furnish a little bottom heat, which is helpful, although not absolutely essential for their successful propagation. Cover the manure with three or four inches of clean, sharp sand. Sometimes sandy loam is used, with equally good results, but I prefer the sand, as water passes so readily through it and there is not the danger of scummy surfaces as when loam is added. Cuttings should contain two eyes each. Cut directly below the bottom eye and remove the leaf. The upper leaf should be left intact or be only partly cut back. The wood should be partly ripened and can be used from the middle of June until the middle of July. As a rule, the cuttings root best if inserted in June. The glass must be shaded from direct sunshine. The cuttings should be well watered through a rose can once a day, and must, in addition, be freely but lightly sprayed over several times daily in hot, sunny weather. In cloudy weather use much less moisture. Admit air by tilting up the sashes at the back. Do not give much ventilation, but enough to prevent scorching. After the cuttings are calloused and are forming roots, air rather more freely and gradually increase the light until the cuttings are nicely rooted, when plenty of air can be afforded.

Cuttings rooted in clean sand should be potted off singly before the roots are too long, or they can be planted moderately close in a frame containing good sandy loam but not much manure, kept close until established, gradually hardened and carried over winter by mulching with dry leaves and protecting the sides of the frame well. When inserted in sandy loam, if not set too closely, the cuttings can be wintered in the same way as when lifted from the sand, and planted out in the spring. If you can make your frame first, pot off the rooted cuttings singly and carry them over winter, plunged to the brims in fine ashes or loam. You will find they start away better in the spring when planted outdoors than when lifted from the frames. The latter plan entails more labor and is, therefore, not so often adopted. Ventilate during open weather in winter and gradually harden off as spring advances. Rosa.

COCHETS FOR MEMORIAL DAY.

I have some Maman Cochet roses that were used for cut flowers in the greenhouse last summer. They are in a cool cellar. How shall I handle them to have them blooming in 6-inch pots for Memorial day? A. D. S.

It would be better to pot the roses now, standing them back in the cool cellar and keeping them there until the middle of March, when they should be placed in a greenhouse with a night temperature of 50 degrees, raising this 5 degrees as growth advances. Cut away any dead and weak wood and shorten back the stronger shoots only moderately. Of course, potting up could be deferred until you want to start the plants, but even in a cool cellar they will make quite a few roots between now and the middle of March, which will be a great advantage when forcing commences. In a stronger heat you could, no doubt, flower the plants in seven weeks, but it is better to grow them on the cool side, thus insuring stockier growths and flowers with more substance. W. C.

CANTERBURY BELLS.

Such plants of Canterbury bells as are intended for Easter flowering should now have the spikes well advanced and will require one or two stakes to keep them erect. Give them the fullest sunshine in a well ventilated house, where a minimum not exceeding 52 degrees is maintained. Avoid syringing them overhead. This and a too close atmosphere will cause the shoots to rot off frequently. Plants wanted for Memorial day can be placed in a cold house and allowed to come on slowly. They will be found among the most popular of plants for selling at that season, while the flowers in a cut state have excellent keeping qualities.

FOX POINT CYCLAMENS.

The accompanying illustration is reproduced from a photograph of one of the houses of the Fox Point Floral Co., Milwaukee, Wis., taken about the middle of December. The house is 27x100 and was filled with the company's leading specialty, cyclamens, of which more than 4,000 plants in from 4-inch to 8-inch pots were sold for Christmas. They have two new, distinct salmon colored cyclamens which are beauties. The seed was procured direct from the originator in Berlin, Germany, last season. They intend to work up a big stock for next season.

Besides cyclamens, they grow snapdragons, annual lupines, larkspurs, stocks, anemones, chrysanthemums, etc., for the cut flower market. E. O.



Cyclamen House of the Fox Point Floral Co., Milwaukee.

CARNATIONS

SUPPOSED TO BE WOOD ASHES.

I am sending you a sample of what is supposed to be wood ashes. Please let me know whether it would be safe to use it on carnation or aster soil.

E. L.

The stuff forwarded does not look to me like pure wood ashes. There may be some wood ashes among it, but it looks to me more like burnt loam. It may not injure your crops, but I feel sure it will not do as much good as good wood ashes would do. Try it on a small space and you can soon tell whether it will harm your plants. Wood ashes should be more flaky, like flour or air-slaked lime, and usually it is of a gray color. Sometimes it is a whitish gray and sometimes it has a brownish cast to it, but it should not be gritty and full of pebbles, as this is.

A. F. J. B.

STIGMONOSE ON SANGAMO.

I am sending you two specimens of my Sangamo carnations, and I shall be glad if you can tell me the reason why some of the plants appear to be drying up. They were all in good condition in the fall, but afterward I noticed one go, then another, and so on. The trouble does not seem to spread, but I find an affected plant here and there. Some of them are badly affected and others are not. I notice that other growers are also having the same trouble.

A. S. C.

The samples bear the evidences of being affected with stigmonose. The variety Sangamo seems susceptible to this disease, as it had it when it came to us and has had more or less on it ever since. We find among our plants, here and there, a plant literally eaten up with stigmonose, just as you say yours are. It is a pity that such a splendid sort as this should be ruined in that way but, with other healthy varieties coming on to take its place, it will hardly pay you to bother trying to eradicate the disease from this sort. If you do want to keep on with it, the thing for you to do is to select your cuttings from the absolutely healthy plants. That is the only way you can combat it.

A. F. J. B.

FAIRY RING.

I enclose a sample of leaves and stems of carnations. I have grown carnations for years, but have never had anything like this before. Judging from reports I see in The Review, I believe it must be stigmonose. The plants were carefully lifted from the field about the end of August. They were not extra large, but quite healthy, and they did well until the end of the year. Then they began to show this disease. At first I thought it was red spider, and I sprayed them with weakened nicotine once or twice, but it did no good. Our soil is black, from low land, with about one-third rotted cow manure. The cows were bedded with shavings, which I do not like. Our water, also, is unsuitable, being extremely hard and not good for vegetation. I also gave the plants a little liquid manure before this disease showed itself. We have picked the worst stems and leaves off several times, but still the disease is spreading and I fear it will destroy the crop. Can I save them in any way—for instance, by cutting them back hard? They are almost the only flowers I have to depend on. I buy rooted cuttings every spring, to get all the blooms possible for use. Do you think the disease would be liable to occur another season, if the house is thoroughly cleaned and the benches are whitewashed? The benches are of cement. I shall feel grateful for any advice you may give on the matter.

F. W. A.

The specimens forwarded were pretty badly covered with one of the worst diseases to control that the carnation is ever afflicted with. It is called fairy ring, on account of the ring-shaped spots it produces on the leaves. You will notice around the edge of each spot a distinct ring, slightly darker than the rest of the spot.

This is a fungous disease and will spread all over your plants unless you get it under control. Pick off all the affected leaves you can, and then spray the plants heavily with Bordeaux mixture. After it has been on a week, choose a warm, bright day and wash off the plants in the morning; then, by afternoon, apply the Bordeaux again. If the disease keeps on appearing, keep it picked off and keep spraying with the Bordeaux. It is the best thing known for those spot diseases.

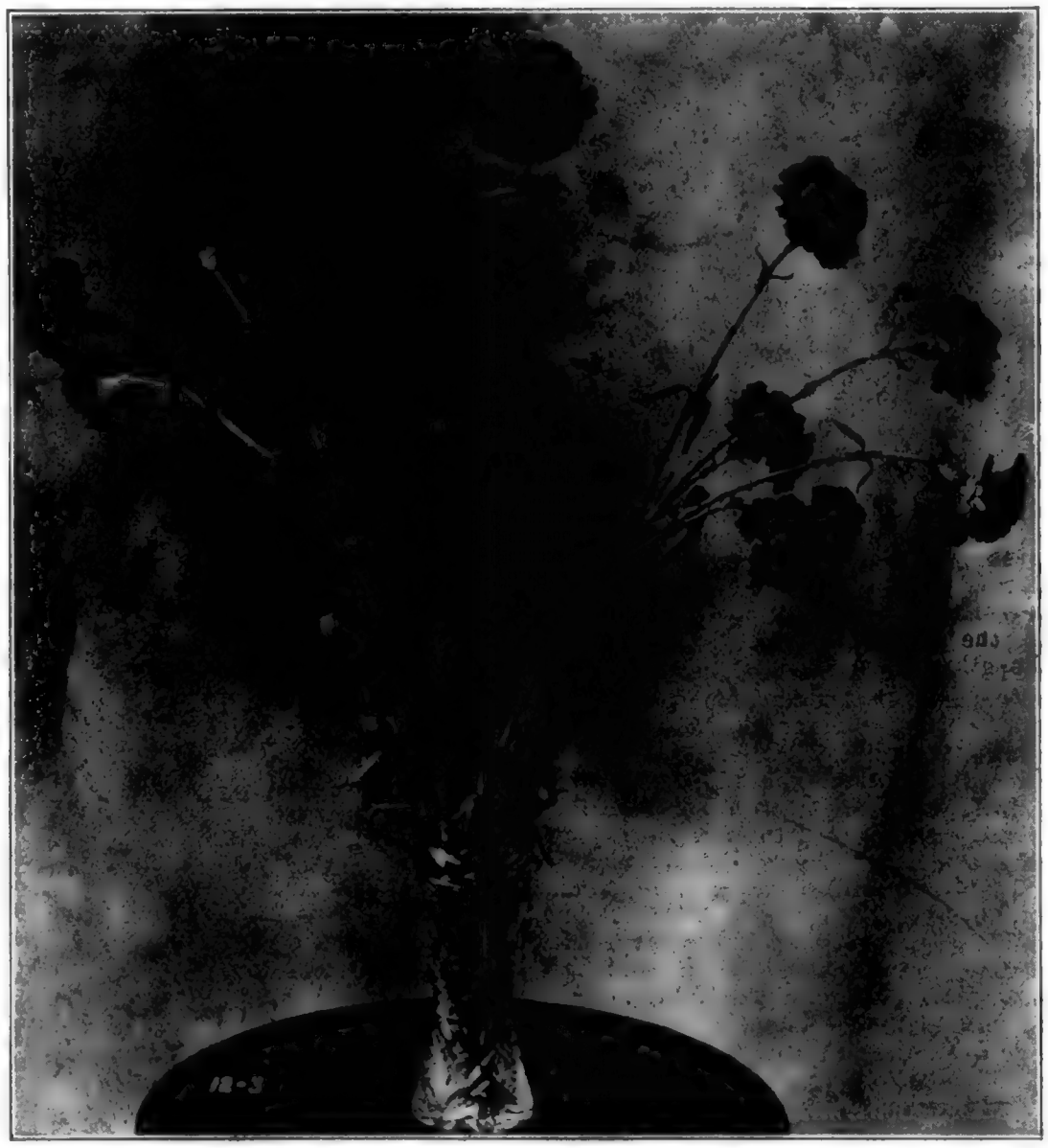
A. F. J. B.

CARNATION THE HERALD.

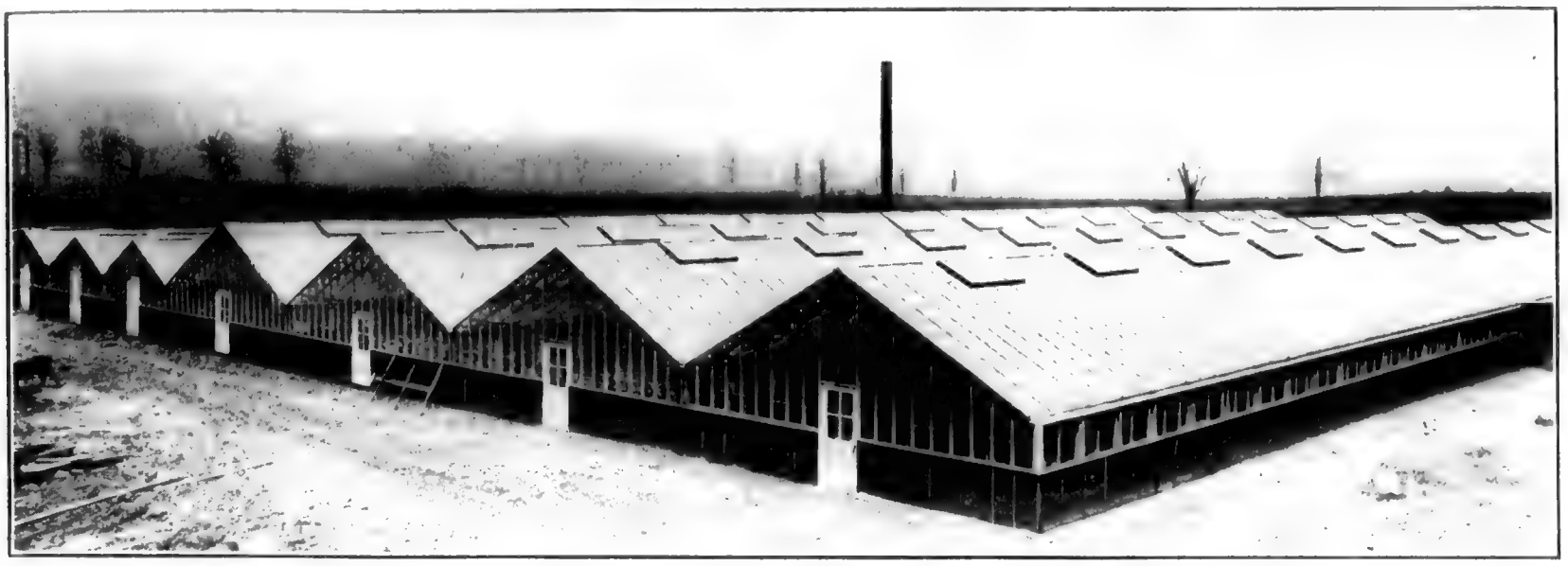
The accompanying illustration is reproduced from a photograph of the red carnation which the Chicago Carnation Co., Joliet and Chicago, plans to disseminate next season. It has been seen at most of the exhibitions since last autumn and the reception it has received encourages Messrs. Pyfer and Olsem to believe they have a good thing. The variety is a seedling raised on their place at Joliet.

COVERED WITH SPIDER.

I am sending you two of my carnation plants for examination. If you will kindly tell me the trouble with them and state what remedy to use, I shall be thankful. From the time I took them from the field, in the last part of August, until about Christmas, they were doing well, but after that they seemed to fade away rapidly. Following the advice in The Review, I



Carnation The Herald.



John Walker's New Range at Boardman, O.

treated them for red spider and now it seems to me that this trouble has disappeared. About the middle of November I used a thin dressing of pulverized sheep manure, and a month later a dressing of wood ashes. The temperature has been from 55 to 65 degrees, but four or five times during the season it went down as low as 40 degrees. The plants I am sending are two of the worst I can find, but about all of them are affected more or less. J. H. C.

The plants forwarded are literally covered with spider. There is a little rust on them, too, but there can be no doubt that the spider is what is doing the damage to your crop. If you have been treating them for that pest, your treatment has not been successful and you will have to double your efforts or else there will soon be no carnations at all. Go after them with the hose on every bright day and let them have all the force at your command. After you have syringed them a few times, give them a good syraying with Bordeaux mixture. This will not do much toward killing the spider, but it will prevent an attack of leaf-spot, from which there is danger at this time of the year if much syringing is done.

A. F. J. B.

WALKER'S NEW RANGE.

In the summer of 1911, John Walker, of Youngstown, O., having found that his city greenhouses were entirely inadequate, erected a number of first-class houses at Boardman, O., about five miles south of Youngstown. The new range of houses is shown in one of the photographs here reproduced; the other picture shows the interior of one of the carnation houses.

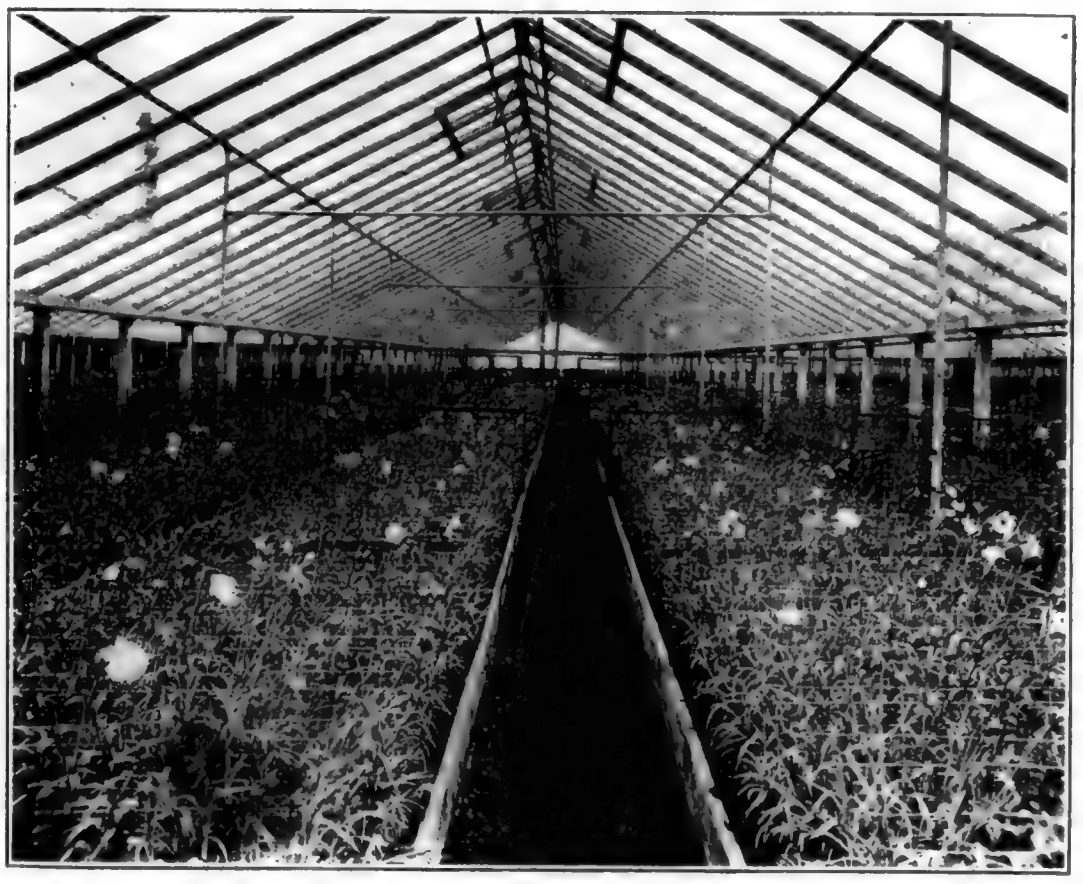
The range is located on high land, overlooking the valley of Mill Creek, and comprises seven houses, with the boiler house at the northeast corner, so that the whole establishment may be said, in a sense, to be under one roof. Four of the houses are each 28½x200; one is 18x200, and the two which are cut short by the boiler house are each 18x100. The houses are all equal-span and are glazed with 16x24 glass, set in the 24-inch way, thus making the best possible provision for light. The walls are seven feet high to the gutters, which gives ample head room. The heat is provided by a large return tubular boiler.

The first, or south, house is filled with roses, including Killarney, White Killarney, Richmond, Perle and Mrs. Aaron Ward, all of which are looking fine. The next three large houses are planted with carnations. Here are seen Victory, the three varieties of Enchantress, White Perfection, Winsor, Lawson, Harlowarden, Beacon, Pink Delight, Mrs. C. W. Ward, May Day, Scarlet Glow, Dorothy Gordon, etc. The majority of these varieties have done remarkably well and all give great promise for the future. The rest of the range is used for violets, sweet peas and smilax, with the north house for propagating purposes.

Mr. Walker is still conducting the old place, which is located a mile and a half north of town. This place is devoted to the growing of pot plants and decorative stock for his store in the city. He also grows here a large quantity of bedding plants for the spring. Here, too, he forces all his bulb stock for the winter months and Easter.

His intention is, eventually, to move everything to the new plant at Boardman, where he has seventeen acres of land. The city site is becoming too valuable for the growing of flowers, and is also too smoky and dirty, owing to the encroachment of mills, railroads, etc. After looking over the new place, one can not fail to arrive at the conclusion that Mr. Walker's long experience in the growing of flowers has taught him how to erect a practical range, for it would be difficult to find a more conveniently arranged place than the one at Boardman. The materials for the new houses were furnished by the Foley Mfg. Co., Chicago.

A. M.



Interior of One of John Walker's New Carnation Houses.

NEW ENGLAND DAHLIA SOCIETY.

The annual meeting of the New England Dahlia Society took place in Horticultural hall, Boston, Mass., January 24. The meeting was well attended and many interesting subjects were discussed. The reports of the secretary and treasurer showed a good balance in the treasury.

The following officers were elected for the year 1912: President, J. K. Alexander, East Bridgewater, Mass.; vice-president, W. C. Brady, Wollaston, Mass.; secretary, Irving W. Holbrook, Braintree, Mass.; treasurer, H. L. Winters, Medford, Mass. Executive committee, Loring M. Bates, West Bridge-

water, Mass.; Edward W. Ela, Woburn, Mass.; Geo. L. Stillman, Westerly, R. I.; J. H. Flint, Salem, Mass.; W. H. Bacon, Springfield, Mass.

ISMENE CALATHINA.

If your paper would give some explanation of the cultivation of Ismene calathina, I am certain your readers would be much interested in the subject. Your paper reaches many who would appreciate the information. I am located in southwestern Ohio. M. C.

Bulbs of this ismene should be lifted and stored in a dry shed or greenhouse before they have been too severely frozen. They carry over best in a shed where the temperature does not go below 45 degrees, or can be kept under any greenhouse bench where they will not get too much drip. Planting out should not be done in your latitude before the end of April. C. W.

TULIPS FROM FRAMES.

I have some tulips in flats outside, in a frame. Will you please tell me how to treat them? I have two houses; one is run at 50 degrees and the other at 55 to 60 degrees, night temperature. J. M.

The tulips should be well started before being housed, which means that they should have growths two to three inches long. During the early part of the winter it is necessary to keep the tulips in a dark place until the shoots are well drawn up; otherwise they will flower with extremely short stems. After the middle of February the bulbs should be sufficiently well started to stand full exposure to the light at once, and in a temperature of 55 to 60 degrees at night will get sufficiently long stems. Move them to a cooler house as they open. After March 1 place any bulbs housed in the cooler house, more especially if they are in pans. In flats, long stems are, of course, an advantage. C. W.

WHEN TO PLANT LILIES.

There has been some lively discussion here regarding the cultivation of Lilium roseum, rubrum and auratum, especially for spring planting. The matter seems to be quite dark to many growers. I have thought it might be a fine idea if your paper would give a thorough explanation of the cultivation for spring and fall planting. My location is southwestern Ohio. M. C.

All the lilies named do much better if planted in the fall rather than the spring. The best time to place them in the ground is as soon as possible after they are received, which is usually from the middle to the end of November. If the bulbs come to hand rather late, cover the ground where they are to be planted with some straw or other material, to exclude frost. Never mind if you have to use a pick to remove the upper surface before planting. It is far better to do this than to keep the bulbs over winter, for, no matter how cool they are kept, they will fritter away much of their strength. Should the ground be too hard frozen, or be covered with snow, pot the bulbs and keep them in a cool cellar until spring. No lilies, if spring planted, can be expected to give anywhere nearly as good results as those set out in late fall. C. W.

INFORMATION WANTED.

J. L. O'Quinn & Co., Raleigh, N. C., want information as to the whereabouts of a man who is described as follows: "About five feet six inches high, spare built, dark complexion, dark hair, weight about 135 pounds, age about 38, somewhat large nose with a scar on it nearly between the eyes, two gold teeth on bridge on upper right side; when talking he has somewhat of a twist at right corner of his mouth; has a bold way of making acquaintances; is tattooed all over his arms, shoulders and breast; some of the marks are: On left wrist three red letters, then clasped hands, the three links with F. L. J. in them, Indian head, flag, snake, rose bush, carnation, butterfly, sailor girl with striped stockings, and many other figures; can't look straight at you when talking; wears a fine Elks' pin pointed with diamonds; signs O. C. Millar, W. C. Millar or C. Blanck." O'Quinn & Co. ask that anyone who can aid in the search for the man so described wire them or the chief of police at Raleigh.

OBITUARY.

James Killion.

James Killion, a gardener of Jamaica Plain, Boston, Mass., died suddenly at his home, 3 Hyde Park avenue, January 24. He had not been well for some time, although able to attend to his daily duties at the Forest Hills cemetery, where he had been employed for nearly twenty years. On the day of his death he had gone to work as usual, but shortly became ill and was taken home, where he died from Bright's disease early in the afternoon. He was born at Forest Hills fifty-two years ago, and was a graduate of the old Agassiz school. He was unmarried and is survived by a sister, Mrs. Anna Mullen, with whom he lived, and by two brothers, one of whom is the well-known florist, M. J. Killion.

Edward Gormley.

Edward Gormley, the florist of South street, Jamaica Plain, Mass., died January 23, as the result of a fall on an icy pavement in Boston on the preceding Saturday. He was taken to the hospital and found to have sustained concussion of the brain. He was about 35 years old, and conducted the business established many years ago by his father, the late John Gormley. His mother alone survives him, two other sons and her husband having died within a few years. The family is a well-known one in Jamaica Plain, and the aged mother has the sympathy of the community in her bereavement.

Mrs. E. H. Latham.

Mrs. Elizabeth H. Latham, of the firm of Bridle & Latham, at Navesink, N. J., died at her home there January 19, after an illness which had its beginning about September 1. She was in her eighty-second year.

Mrs. Latham was born in Kittery, Me., April 20, 1830. Her parents, Lavina and William Pettigrew, were French Canadians. In 1850 she married Franklin J. Latham, a captain in the navy. They conducted a boarding house in New York until her husband's health failed, and on that account they sought the country. Nearly forty-two years ago they moved to Navesink. For seven years she ran a chicken business, but abandoned that to take up the growing of flowers. In November of 1873 her husband died, leaving her quite alone in the world, their little daughter having died some years before. In 1888 she went into partnership with Wm. A. Bridle, an experienced florist of New York, who with untiring energy began the upbuilding of the business. When he took up the work, the plant consisted of two greenhouses; now there are nine. The business will be continued by Mr. Bridle, under the name of Bridle & Latham.

John F. Condon.

John F. Condon, a florist of Bathbeach, Brooklyn, N. Y., died of stomach trouble January 26, at his home, 1446 Seventieth street. He was the son of the late Morris Condon, and leaves a mother, a widow, two daughters and two sons.

Mrs. Julia Brock.

In the death of Mrs. Julia Brock, of Alameda, Cal., January 26, the Pacific coast lost one of its pioneer florists. Mrs. Brock was 89 years of age at the time of her death and, although she had not been in business for over twenty-five years, there are several well known San Francisco retailers who learned the trade in her store, which was located on Commercial street, at that time one of the most popular retail thoroughfares.

D. D. L. Farson.

Daniel D. L. Farson, widely known and popular florist and former secretary of the Florists' Club of Philadelphia and Pennsylvania State Horticultural Society, died at his home in Overbrook, Pa., February 1, after a brief illness, of pneumonia.

SOCIETY OF AMERICAN FLORISTS.

Letter from President Vincent.

President Richard Vincent, Jr., has instructed the secretary to send the following to all florists' clubs and horticultural societies:

My Worthy Friends: It is my earnest desire to make the forthcoming convention, to be held in Chicago, in August next, a grand success, not only in numbers present but also in a business sense, and to make it profitable and interesting to all attending.

Therefore I request that your local society consider, at its next meeting, if possible, whatever subject for discussion at the convention it may be thought would help the greatest number engaged in horticultural pursuits, and especially the members of the S. A. F.

If notice of a subject of this kind is given to Mr. John Young, secretary, 54 West Twenty-eighth street, New York, he will see that the subject is brought before the S. A. F. directors at their meeting in March, and if the suggestion does not conflict with other matter offered, the board will be pleased to place it on the program for discussion during the convention.

I would also request that if any article or paper is submitted, your society name some one to discuss the same when brought before the convention.

Respectfully yours,
Richard Vincent, Jr.,
President.

Several letters have been returned and notices from postmasters received notifying me of the non-delivery of the Proceedings of 1911, through wrong address being given. If any member who has not received a copy of the Proceedings of 1911 or the assessment notice for 1912 will notify me at once, same

will be sent, and at the same time the correct address will be entered on the books of the society.

Department of Registration.

Public notice is hereby given that Lager & Hurrell, of Summit, N. J., offer for registration the following new variety of orchid, described below. Any person objecting to the registration, or to the use of the proposed name, is requested to communicate with the secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

Raisers' description: Sepals and petals white, suffused with rose. The extended or front part of the lip is dark lavender, mottled and streaked with purple. The lateral lobes, lavender minutely mottled and veined with purple; the back part of the lateral lobes are also lavender (a shade lighter than the front parts) and minutely veined with purple. The crest is yellow, with a dark purple vein in the center. Throat is yellow with dark purple veins. Name, Laelia anceps var. Lageriana. John Young, Sec'y.

February 5, 1912.

JOLIET, ILL.

The Illinois State Florists' Association will hold its annual convention and exhibition here March 5 and 6. As there is no florists' club here, C. L. Washburn, president of the state organization, has asked A. T. Pyfer, manager of the Chicago Carnation Co., to take charge of the local arrangements. Mr. Pyfer has secured the coöperation of the following committees:

Entertainment—Wm. Hartshorne, A. T. Pyfer, Peter Olsem.

Reception—A. C. Rott, P. W. Peterson, John Granson.

Arrangements and Exhibition—Peter Olsem, C. E. Carter, Joseph Labo.

It is expected that both the convention and exhibition will be the largest yet held by the association.

CHICAGO'S SPRING SHOW.

At a meeting of the executive committee of the Horticultural Society of Chicago February 5, plans for the spring flower show in the Art Institute March 12 to 17 were considered. Students of the Art Institute submitted several poster designs in competition for a prize offered by the Horticultural Society. A manager will be engaged at once. One suggestion is that a separate art gallery be used for each section of the exhibits, thus providing a rose room, a carnation room, an orchid room, etc., while the larger flowering plants and decorative stock can be arranged on the stairways and in corridors. Much of the success of the Chicago flower shows of the past has been attributed to unconventional staging and the management is desirous of obtaining the same result this time. The Art Institute offers a problem quite distinct from the Coliseum and suggestions on how to deal with it will be welcomed. Address J. H. Burdett, secretary, 1620 West One Hundred and Fourth place, Chicago.

Holton & Hunkel Co., of Milwaukee; Charles Knopf Floral Co., Richmond, Ind.; J. A. Valentine, of the Park Floral Co., Denver; Manke Bros., North Milwaukee; W. W. Coles, Kokomo, Ind., and W. A. Manda, South Orange, N. J., have written that they will send exhibits.

The following premiums have been added:

Class 143—Best display of cut cattleyas, to be judged on the following scale: Quality, 50 points; variety, 30 points; quantity, 20 points; first, grand silver medal; second, grand bronze medal.

Class 144—Best display of cut orchids, all varieties; first, $50; second, $30; third, $15.

Class 145—Best 5-foot window box; first, $12; second, $8; third, $5.

Class 146—For most novel and attractive exhibit not covered by other classes, this including model gardens, arrangements of shrubbery, garden photographs, etc.; first, grand silver gilt medal; second, grand silver medal; third, grand bronze medal.

ROCHESTER, N. Y.

The Market.

Milder weather prevails this week and business is much brighter in every way. Transient trade is almost double what it was during the cold snap and things are humming once more. January 29, McKinley day, was but little observed here; there were no special displays in the florists' shop windows, nor was there an extra supply of carnations on hand.

An abundant supply of valley is flooding the market, but the price remains about the same. Lilies are quite plentiful and are useful in design work. Carnations are abundant, but roses are still scarce and the price is high. Beauties are in the same condition. Sweet peas and freesias are pouring into the market in great shape and the price is rather firm. Other seasonable stock is in good supply.

Various Notes.

Emil Brucker, of Buffalo, announces that the Buffalo bowling team is getting ready for the match which will be played with the Rochester bowlers in the near future.

H. E. Wilson has purchased property a few doors from the Rochester Floral Co. on East Main street, and expects to occupy it in the spring.

Miss Gibson is still in Philadelphia and expects to remain for a time. Miss Ederle is filling the position made vacant by Miss Gibson.

Harry P. Neun reports that his new store is doing a nice business, and that he expects things to boom this spring. At his greenhouses on South avenue he is going to grow Killarney, Hillingdon and Prince de Bulgarie roses in the future. After the Easter rush is over he plans to erect two new greenhouses.

The Rochester Florists' Association held a special meeting January 26, at James Vick's Sons' store, to elect representatives to the board of managers of the Rochester Industrial Exposition. The men chosen to represent the association are: F. W. Vick, Colin B. Ogston, George B. Hart, Chas. H. Vick and John Dunbar.

Keller did the decorating for an exceptionally large wedding last week.

Rowland Cloudsley, of Buffalo, spent a few hours in this city, February 2, on his way to Lyons, N. Y.

Joseph Nerdein is no longer with George Boucher, and is looking for a good opening in some other business.

The Rochester Floral Co. reports that trade was rather quiet McKinley day. Miss Ethel Guggleman, who has been ill for a time, is at work again.

Harry P. Neun and Felix Alberts have just returned from a business trip to New York and Philadelphia.

Harry Brush has left the employ of George B. Hart.

J. B. Keller Sons report a busy January with weddings and receptions, both great and small. E. C. A.

ST. LOUIS.

The Market.

The market last week had everything that was seasonable and plenty of it, excepting roses and fancy carnations. In these the demand was quite heavy and all cleaned up early. The demand was also good in violets, but the market had plenty daily to supply any size of order that came along. There was quite a batch of lilies consigned to this market during the week and the demand cleaned them up nicely. Other bulb stock came in heavily every day and some was left over, this being the only line on which there was a surplus. Tulips, Von Sions, jonquils and freesias are of extra good quality.

The retail trade reports a good week; a great many social affairs are being given now, and this week several large weddings will take place, which should use up a lot of fancy quality flowers.

Various Notes.

Arnold Ringier, of the W. W. Barnard Co., Chicago, paid us a brief visit last week. Mr. Ringier has recovered from his recent attack of rheumatism.

Chas. W. Wors, well known to the local trade, was taken to the city hospital last week suffering from a bad case of grip. At last reports his condition was serious.

Oscar Huettemann, manager of the Tower Floral Co., was confined to his home by sickness last week.

From last reports Carl Beyer is still confined to his room, where he has been for the last eight weeks with a severe case of rheumatism.

All those who were awarded prizes in the Henry Shaw classes at the late show given by the St. Louis Horticultural Society have received their checks in full. The society held a meeting January 27, at which arrangements were made to pay all other prizes sometime this month.

C. O. Sanders is contemplating a trip to Chicago this week to visit his brother who is in the automobile business. Mr. Sanders expects the cold winter will make plenty of business for him in the spring with nursery stock.

A great deal of interest has been evidenced by the growers in the discussion of "Pot Grown Roses" scheduled for the meeting of the Florists' Club this week.

The Bentzen Floral Co. is considering the purchase of an automobile as the result of the death of one of their valuable horses last week.

Henry Emunds, of Belleville, spent a day in the city last week. Mr. Emunds reports a good deal of work, but says cut stock is so scarce that instead of consigning to this market he has to buy to supply the demand.

Henry Berning had splendid consignments of American Beauties last week.

Will Young, C. C. Sanders and Theo. Miller, who seldom visit the wholesale markets, paid a visit to C. A. Kuehn and inspected his handsome building last week.

George Angermueller had a great lot

of fine tulips in all colors last week. The white and light pink cleaned up, but the other colors dragged. Mr. Angermueller says he never saw a time when roses were so scarce as this year.

The Engelmann Botanical Club will hold its regular monthly meeting next Monday night at the Missouri Botanical Gardens. Secretary Pring has a fine program mapped out, which should attract the members.

Fred Ammann, of Edwardsville, made his regular weekly visit Monday, February 5. He reports that his trip to Chicago last week was a pleasant one.

The W. C. Smith Wholesale Floral Co. gave its annual stag party to its St. Louis county growers at the store Saturday evening, February 3. Owing to the extreme cold the attendance was greatly reduced; nevertheless some twenty-five braved the blasts and spent an enjoyable evening. There was plenty to eat, drink and smoke, good music and singing, also a moving picture show. J. J. B.

CINCINNATI.

The Gateway to the South.

The market, while in essentially the same shape as at the time of last writing, still is easing nicely in some lines. With one or two exceptions, the call steadily takes up everything really worth while and some nearly worth while. Monday's close showed a little stock still on hand. The local demand is fair and shipping business good.

Last week the weather showed signs of opening up nicely. Saturday, however, brought a heavy snow and the thermometer dropped from the freezing point, which it held late in the afternoon, to as low as from 6 to 10 degrees below zero before daylight Sunday morning. During this sudden drop a few incoming shipments were frozen, but fortunately these contained few of the flowers that are real factors in the market now.

Judging from expressions by the wholesalers, there will be a goodly supply of flowers of all kinds appropriate for St. Valentine's day. The sweet peas are in good supply, and the offerings of double violets will be heavy. Lily of the valley, orchids and single violets are all in good supply, and the same is true of red roses and red carnations.

The rose offerings remain about the same as a week ago. In proportion to the average daily cut, the supply of Richmond is the best.

The carnation offerings are increasing in quantity and are holding up a fair average in quality. All the good ones are selling up nicely.

The increase in the offerings of bulbous stock is large and includes the entire range of stock seasonable at this time of the year. Easter lilies and callas continue in short supply.

In green goods there are large offerings of Asparagus plumosus and Asparagus Sprengeri. This stock is nearly all fine and long. The business in this and other allied lines has been fairly good.

Various Notes.

Club meeting Monday night, February 12, at the club rooms.

C. E. Critchell was the first local wholesaler to offer Narcissus poeticus this season.

Mr. and Mrs. P. J. Olinger are entertaining at their home Mr. Olinger's brother-in-law and his wife, Mr. and Mrs. Fred Funk, of Emerado, N. D.

The Lake Shore Ferneries, of Florida, have been shipping some excellent Asparagus plumosus to the Cincinnati Cut Flower Exchange.

The stork stopped at Ed. Schumann's house last week and left a baby daughter.

New Castle florists are sending excellent sweet peas into the market. The cuts from Peter Weiland and F. Benthey & Co. are good and getting better every day.

Nic Weber, Jr., was appointed superintendent of the flower market by E. G. Gillett, one of the trustees of the market house.

Judging from the promptness with which Arthur Becker, the buyer for the Avondale Floral Bazaar, reaches Third avenue each morning and the way he hustles around when there, his firm is doing a rushing business.

The wife of J. L. Dille, the Greensburg, Ind., florist, died last week.

Visitor: E. J. Fancourt, of the S. S. Pennock-Meehan Co. C. H. H.

OMAHA.

Paul B. Floth, 3102 Burt street, has effected a settlement with the Omaha Gas Co., following the destruction of thousands of plants by illuminating gas that permeated his greenhouses from a break in the street gas main. The main was ruptured when the thermometer stood below zero three weeks ago, the fumes working their way through the ground to the greenhouses.

Thousands of the plants were destroyed, and the probability that many more were affected caused Mr. Floth to clear his greenhouses entirely and put in a complete new stock. The break in the main was found with difficulty and repaired by the gas company. The consideration in settlement is not made known.

STREATOR, ILL.

On visiting the Hill Floral Co., the writer found everything in first-class condition, under the watchful eye of our friend F. R. Thornton, manager for the company. They grow 2,000 Beacon, 3,000 White Enchantress, 2,000 Enchantress, 1,000 Rose-pink Enchantress, 1,000 C. W. Ward and 500 Gloriosa. Mr. Thornton is well pleased with C. W. Ward and Gloriosa and says they are making good. The firm devotes one house to roses, growing My Maryland, Bride and Richmond. The rest of the space is used for sweet peas, violets and other stock. The range consists of seven houses, containing 18,000 square feet of glass. A. F. L.

YONKERS, N. Y.

On Monday, January 29, the gardeners employed at Greystone, Samuel Untermyer's estate, and those employed by W. B. Thompson, combined to give a dance and social evening at McCann's hall, on North Broadway. Many ex-employees were invited and over 100 persons were present.

Following Bob Johnson's speech on behalf of the hosts, Floor Manager McQueenie announced the first dance. Songs were admirably rendered by Mrs. H. M. Blanche and Messrs. A. Crombie and T. Mercer, at intervals during the evening. With a pause for refreshments, dancing was continued into the "wee, sma' hours." There were Scottish dances to the accompaniment of Highland piping, rendered by Sam Campbell.

The committee is to be congratulated on a program that was admirably conceived and carried out.

CHICAGO CLUB MEETING.

There was an attendance of seventy-five at the meeting of the Florists' Club February 1, when P. J. Foley took the chair as president.

A letter was read from Secretary John Young, of the S. A. F., giving the club official notice of the action of the directors at Detroit as published in The Review for January 25. It was voted to recommend Fred Lautenschlager as local manager of the trades display in August, but the action was reconsidered as being, perhaps, premature, and the secretary was instructed to correspond with Secretary Young to see what is wanted along this line.

The reports of Secretary A. T. Pyfer and Treasurer E. F. Winterson showed a balance of $1,135.32.

H. N. Bruns, for the trustees, reported auditing the books for the last two years, finding the showing correct as follows:

RECEIPTS.

Bal. Jan. 31, 1910	$1,066.76
Feb. 1, 1910, to Jan. 31, 1911	1,578.48
Feb. 1, 1911, to Jan. 4, 1912	1,036.72
Total	$3,681.96

DISBURSEMENTS.

Feb. 1, 1910, to Jan. 31, 1911	$1,578.09
Feb. 1, 1911, to Jan. 4, 1912	968.55
Total	$2,546.64
Balance	$1,135.32

F. W. Tredup was elected to membership. Applications were received from J. F. Potocka, 176 North Michigan avenue; Paul M. Bryant, 131 North Wabash avenue; John Schriver, Twenty-sixth street and Western avenue; C. F. McCormick, 143 North Wabash avenue, and Sam Seligman, New York.

President Foley appointed the following standing committees:

Sports—Allie Zech, Frank Ayers, Otto Goerisch.

Transportation—Andrew Benson, H. B. Howard, H. E. Philpott.

Good of the club—Guy French, A. C. Kohlbrand, Ed Enders.

C. L. Washburn, president, and J. F. Ammann, of Edwardsville, secretary of the Illinois State Florists' Association, were present and spoke for the convention and exhibition of that organization, to be held at Joliet March 5 and 6. The club invited the florists of the state to visit Chicago the following day and attend the club meeting to be held March 7.

J. H. Burdett, secretary of the Horticultural Society of Chicago, described the plans for the spring show to open March 12, and asked the club's coöperation.

John A. Then exhibited seedling carnation No. 41, which was scored eighty points by a committee consisting of C. W. Johnson, Guy French and E. A. Wood. Charles J. Bond, of Naperville, exhibited some thirty splendid blooms of Cattleya Trianæ, now in full crop with him, which received the thanks of the club. Next day they were on display at the salesroom of the A. L. Randall Co.

NEWS, NOTES AND COMMENTS

Marion, Ind.—L. C. Smith, of the Marion Floral Co., has the sympathy of the trade in the loss of his mother, who died January 17, at the age of 68 years.

Amherst, Mass.—Morris Kingman's greenhouses, on South Pleasant street, were completely destroyed by fire January 26. The house and barn, close by, were saved.

Yonkers, N. Y.—H. J. F. de Thestrup, formerly foreman for Frank P. Putnam, at Lowell, Mass., is now superintendent of the greenhouses of the Yonkers Nursery Co.

Trenton, N. J.—The business of Harry E. Blackman, at 135 North Broad street, has been incorporated under the name of the Blackman Floral Co., with a capital stock of $20,000.

New Orleans, La.—Mr. and Mrs. M. Cook have invited a large circle of friends, including many in the trade, to assist them in the celebration of their golden wedding February 8.

Garfield, Wash.—January 24 Louis R. Scott, of the firm of Scott Bros., proprietors of the Roselawn Greenhouses at this place and Moscow, Idaho, formed a partnership for life with Miss Elna Swanson. The young couple have begun housekeeping in their own home at Moscow, where the groom has charge of the firm's greenhouses.

Summit, N. J.—At William Death's establishment a boiler gave out recently, and soon afterward his delivery wagon was smashed in a collision with an automobile. Fortunately, no one was hurt. Both accidents happened at the busiest time. A new Hitchings boiler was installed and an auto delivery car will probably take the place of the wagon.

Kansas City, Mo.—The Wm. L. Rock Flower Co. has leased for ten years a part of the building at 1108 to 1110 Grand avenue, which is being remodeled and will be ready for its tenants about March 1. The space to be occupied by the Rock Co. is the north half of the first floor and a part of the basement, and the total ten-year rental will be $51,000.

Lexington, Ky.—John A. Keller estate has sold to James P. Keller the downtown store which he has successfully managed for many years. He will continue at the same stand to do a retail business, while the original firm of John A. Keller will do a general wholesale and retail business at the greenhouses under the management of J. Ferdinand Keller, who has been in charge of the plant since the death of the late John A. Keller a few years ago.

Forest Hills, Mass.—Robert Walsh, for nearly fifteen years with M. J. Killion, resumed his duties January 25, after an illness of eight weeks.

Rome, N. Y.—Edward H. Kipp has filed a petition in bankruptcy, with unsecured liabilities of $3,751 and nominal assets of $1,054.

Alton, Ill.—Charles Newman has bought three lots on North Elizabeth street for a range of houses for growing vegetables.

South Omaha, Neb.—A. D. Curtis, formerly with the Woodbine Floral Co., at Woodbine, Ia., has been engaged to take charge of the greenhouses of L. Henderson, in this town.

Allentown, Pa.—There was a narrow escape from a freeze-out at E. N. Kroninger's range of eight houses January 26, when the electric pump which supplies water for the boilers was out of commission.

Racine, Wis.—During the recent zero weather the greenhouses of W. Jackson, on the Lake Shore road, south of this city, could not be sufficiently heated and his stock of flowers and vegetables was badly damaged.

Peoria, Ill.—Fire recently destroyed thirty feet of the ends of two houses at the Peoria Home Nursery. It was a struggle to save the rest of the plant, because the distance from the city made help impossible. H. E. Mitting is manager and he promptly sent an order for material to the Moninger Co., Chicago, and made quick repairs. The proprietor is H. W. Williams. An office is maintained opposite the city hall.

Northampton, Mass.—The horticultural laboratory at Smith college witnessed the regular monthly meeting of the Florists' and Gardeners' Club of Holyoke and Northampton January 9. Edward J. Canning gave an interesting talk on palms, and W. J. Beach, of South Hadley, read a fine paper on the culture of carnations. The last meeting of the club was held at Amherst Agricultural College, February 6, when W. H. Elliott, of Brighton, talked on roses.

Lawrence, Kan.—Mrs. Paul R. Brooks, proprietor of the Oread Greenhouses, on South Tennessee street, reports that she had a narrow escape from serious trouble during the recent cold wave, when the Natural Gas Co. reduced the supply of gas here in order to supply more of it to Kansas City. The Oread Greenhouses have been heated with natural gas for the last four years, with no special difficulty until this winter. Now Mrs. Brooks has changed the fixtures in her boiler, so as to burn coal instead of gas.

Beatrice, Neb.—The Dole Floral Co. is planning the erection of another greenhouse, 32x100. During the coming summer they will also install two new boilers, to take the place of those now in use.

Topeka, Kan.—Fire, January 6, attacked the greenhouses belonging to Jacob Bleier, a vegetable grower. Although Mr. Bleier has a range of seven houses, the flames were confined to one of them, the loss being something over $100.

Hornell, N. Y.—Albert King is well pleased with the season's trade, which has kept all hands busy. Born in La Belle France and raised among flowers, he is a most successful grower. A new house is under way and will be ready by spring.

Cumberland Center, Me.—A part of the roof of one of Frank H. Chase's greenhouses recently collapsed under the weight of snow and ruined the bench of carnations directly beneath it. Temporary repairs were quickly made and the rest of the stock in the house was saved. The broken space in the roof was 6x25 feet.

Ludington, Mich.—A recent fire in the windmill tower at the establishment of William Gregory, on East Ludington avenue, caused a loss of about $300. The flames were confined to the tower and water tank, and temporary repairs were hurriedly made, thus renewing the supply of water for the heating system in time to prevent injury to the stock in the greenhouses. The loss was partly covered by insurance.

New London, Wis.—The greenhouses of the Guelson Floral Co. had a narrow escape from serious disaster during the recent below-zero weather. The blow-off valve on the boiler was burst by the frost, and as a consequence the water all escaped and the boiler was cracked and burned beyond repair. The ruin of the stock was prevented by building small fires along the aisles of the five houses. The temperature was thus kept at a safe height until a threshing engine could be run to the scene and connected to the heating pipes.

Winfield, Kan.—J. L. Vaughan, formerly of Dexter and Independence, has purchased the greenhouses of E. H. Gilbert, on East Third street, and is planning to remodel and enlarge the range in the spring, as soon as the weather will permit. His property is 260 feet in depth and has a frontage of 125 feet on Third street. On the seventy-five feet of vacant space west of the present houses, he proposes to erect another house, 40x200 feet. He will also rearrange the heating system and thoroughly overhaul and renovate the buildings.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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SOCIETY OF AMERICAN FLORISTS.
Incorporated by Act of Congress, March 4, 1901.
Officers for 1912: President, R. Vincent, Jr., White Marsh, Md.; vice-president, August Poehlmann, Morton Grove, Ill.; secretary, John Young, Bedford Hills, N. Y.; treasurer, W. F. Kasting, Buffalo, N. Y.
Annual convention, Chicago, Ill., August 20 to 23, 1912.

Results bring advertising.
The Review brings results.

WESTERN sphagnum moss is decidedly scarce. There are small quantities of eastern stock.

FLORISTS dealing in field-grown stock should study the bill of the nurserymen printed on page 66, for it will have a large bearing on their interests should it become a law.

NOT a few subscribers save themselves the bother of annual renewal by sending The Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

THE preliminary schedule of the National Sweet Pea Society, for the big exhibition to be held at Boston July 13 and 14, has now been issued in pamphlet form. It carries over $2,500 in cash prizes. Those wishing copies should address Harry A. Bunyard, secretary, 342 West Fourteenth street, New York city.

LOCAL retail advertising affords the best opportunity for increasing the consumption of flowers. Those florists, not yet being ready to use newspaper space themselves, who decry its use by others, are extremely short-sighted, for one always gets more or less benefit from the advertising of his competitors, especially where that advertising is for the purpose of awakening a dormant demand.

CHRYSANTHEMUM SOCIETY.

Kindly note the following special prizes for the C. S. A. 1912 exhibition, to be held in New York:

W. Wells & Co. specials — Gold, silver and bronze medals for three flowers of Annie L. Angus.

Chas. H. Totty— $50 for six flowers of Chrysanthemum Ramapo; first prize, $25; second prize, $15; third prize, $10.

Chas. W. Johnson, Sec'y.

AMERICAN GLADIOLUS SOCIETY.

Again the nomenclature committee of the American Gladiolus Society desires to call the attention of its members to the fact that we must have their hearty coöperation by the contribution of bulbs. Not only are those desired which at present are being sold under more than one name, as well as the several varieties which bear the same name, but especially do we wish to try out those varieties which may be considered unworthy of retaining, and which some of our members must possess in sufficient quantities to hardly miss the number required for our use. Five to ten bulbs would be sufficient, and by such assistance the work of your committee would be hastened and the growing of gladioli would be raised to a much higher standard. We know that the last season was most severe to growers throughout most of the country and that some varieties being tested for the first time may not have had a fair chance and will be further tested the coming season, and as everything points to a good season for 1912, let us have your contribution early.

All shipments should be made via express, prepaid, consigned to Prof. A. C. Beal, Chairman of Nomenclature, American Gladiolus Society, Cornell University, Ithaca, N. Y.

Prof. A. C. Beal, Chairman.
Arthur Cowee,
Leonard Joerg,
Committee on Nomenclature.

CHICAGO.

The Great Central Market.

The return to below-zero temperature at the close of last week put the market back to where it was during the severely cold weather in January. Business had been excellent so long as weather conditions were fairly favorable, but demand decreased as the temperature fell and the week closed with the market far from active. Individual houses may have been fairly well cleaned up at closing time February 3, but taking the market as a whole there was stock on hand in practically every line except short roses. The severe weather affected orchids, violets and valley more than it did the other lines. Early in the week cattleyas had stiffened slightly in price, but the greater part of the demand for these flowers is for corsage work, and this work is decidedly light in below-zero weather. As a result there was an accumulation of cattleyas which sold February 3 at probably the lowest prices of the season. Violets, while not in heavy supply, sold poorly for the same reason. Valley stacked up. There were enough carnations for all requirements and some of the poorer grades were moved with difficulty. Even long roses were left in some of the wholesalers' iceboxes Saturday night.

Fortunately the present week opened with milder temperature, as a result of which business promptly improved, though usually several days are necessary after the market has had a relapse to get it back to normal conditions. Beauties are decidedly scarce and not many are of first-class quality, but the demand is light. Roses are coming in a little more plentifully, though some houses say they can not yet see any change in conditions. There are, however, enough of the longer grades so that most houses are filling their orders for these, though prices are held so stiffly that it is difficult for one wholesaler to buy from another. Short roses are not to be had in any quantity, though a small increase in the supply would go a long ways toward relieving the situation. The trouble with most of the roses is that they are too good for funeral work.

There is some variation in the reports on carnations. Some houses do not have enough, others are cleaned out nicely, while a few have stock to carry over each night. Apparently the demand is for the best grade of goods, principally in the lighter colors.

Orchids continue abundant, but a stiffening market is looked for. Violets are not yet selling well, but a big business is looked for at St. Valentine's day. Valley is almost a glut. All bulbous stock is coming in more plentifully and is of improved quality, selling better than it has.

The price of ferns has been moved up another 50 cents. Most of the stock now being received requires picking over, and little satisfaction is being had on this item.

WE HANDLE THE CREAM OF THE

VIOLETS

Order Now for St. Valentine's Day

WHILE we have a very large supply of fine Violets, the prospect is for a heavier demand than ever before for Valentine's Day, so it is the part of wisdom for retailers to place orders with us now. Those who place orders now are insured—sure of their supply and protected against rise in price. Note that the cold weather has greatly improved the quality—stock never was better at this date.

NEW YORK DOUBLES, - - - - - $7.50 and $10.00 per 1000
PRINCESS OF WALES, fancy singles, - - - - - - 10.00 per 1000
CALIFORNIA, good singles, - - - - - - - 7.50 per 1000

CARNATIONS

Carnations are at their best at this time of year. The quality of our stock is right up to top notch, and the supply is large and on the increase.

Cattleyas

Our orchids are home-grown, and you always get your orders filled if you place them with us. Order now for St. Valentine's Day.

Fancy Valley

Fine Valley is something you need, not only for St. Valentine's, but every day in the year.

SWEET PEAS

Long-stemmed, fancy stock, all colors

These are fine Peas—no better ever were offered at this season of the year—the best winter-blooming varieties done to perfection. These Peas have made a hit the last two winters, and our growers increased the supply for this season. We ship fresh from the vines, putting the stock in your hands with all its first fragrance.

Beauties

We never are without Beauties. Your orders always will be filled if you send them here. A big cut of **short** Beauties now on.

Killarneys

The quality of our Killarneys is the talk of the town—and we have quantity, too, but most of the stock runs select and special lengths.

All Bulb Stock in Large Supply

FANCY VALLEY ALWAYS ON HAND
Chicago Market Brand—the finest.

Current Price List

ORCHIDS	Per doz.
Cattleyas	$5.00 @ $6.00
Dendrobiums	6.00

AMERICAN BEAUTY	Per doz.
Extra long stems	$5.00
Stems 30 to 36 inches	4.00
Stems 24 inches	3.00
Stems 15 to 20 inches	$1.50 @ 2.00
Short	per 100, $6.00 @ $10.00

ROSES	Per 100
White Killarney, special	$15.00
" " select	$10.00 @ 12.00
" " seconds	6.00 @ 8.00
Killarney, special	15.00
" select	10.00 @ 12.00
" seconds	6.00 @ 8.00
Richmond, special	15.00
" select	10.00 @ 12.00
" seconds	6.00 @ 8.00

Extra special roses billed accordingly.

CARNATIONS	Per 100
Common	$2.00 @ $3.00
Select, large and fancy	4.00

MISCELLANEOUS	Per 100
Violets, New York double	$0.75 @ $ 1.00
" single	.75 @ 1.00
Easter Lilies	12.50
Callas	per doz., $1.50 @ $2.00
Valley, seconds	2.00
" select	3.00
" special	4.00
Daisies	1.00 @ 2.00
Sweet Peas	.75 @ 1.50
Paper Whites	3.00
Romans	2.00 @ 3.00
Mignonette	6.00 @ 8.00
Golden Spurs	3.00 @ 4.00
Freesia	2.00 @ 4.00
Tulips	3.00 @ 5.00

DECORATIVE	
Asparagus Plumosus	per string, .50 @ .75
" "	per bunch, .35 @ .50
" Sprengeri	" .25 @ .50
Adiantum, fancy, long	per 100, 1.00 @ 1.50
" medium	" .50 @ .75
Smilax	per doz., $2.00 15.00
Mexican Ivy	per 1000, 6.00 .75
Ferns	" 2.50 .30
Galax	" 1.25 .15
Leucothoe Sprays	.75

Store open from 7 a. m. to 6 p. m.
Subject to market changes.

E. C. AMLING CO.

The Largest and Best Equipped
Wholesale Cut Flower House in Chicago

68-70 E. Randolph St., CHICAGO

Long Distance Telephones, 1976 and 1977 Central.

Fancy Cattleyas

For VALENTINE'S DAY, $5.00 to $6.00 per doz.

Our Cattleyas should not be confounded with the ordinary stock found in the cut flower markets—**it is much finer** than what is ordinarily offered. Splendid, large flowers, highly colored—a quite superior quality. And we have quantity. Write or wire for special quotations on hundred lots and up.

CARNATIONS

We handle more Carnations than any other house in the west and do a very large shipping business with them because **the buyers know our stock will carry.** If you are not quite satisfied with the stock you are getting, it will pay you to write us about it.

VIOLETS for VALENTINE'S DAY

Remember the way the business has been growing the last few years and order enough.

New York Doubles, $7.50 to $10.00 per 1000.

Princess of Wales, extra fancy, long-stemmed, 50 in a bunch, offered subject to the supply being booked up, at $1.25 per 100.

Singles, ordinary good stock, 25 in a bunch, $5.00 to $7.50 per 1000.

LILIES
Giganteum Rubrum
Auratum

There is no flower now in market that makes as big a show for the money as these Giganteums do. We can supply in thousand lots as easily as by the dozen. Glad to quote special prices on quantities.

WHITE LILAC

The only supply in the west. Extra fine stock. Can furnish at $1.50 per bunch.

FANCY FREESIA

This is **PURITY,** the long-stemmed, pure white Freesia, and it is fine.

SWEET PEAS

We can furnish nice, long-stemmed Peas in all colors.

VALLEY

Always headquarters for the finest cut Valley—any quantity.

A. L. Randall Co.

Everything for Florists, L. D. Phone Central 1496 Private Exchange all Departments **66 E. Randolph Street, Chicago**

Mention The Review when you write.

Poehlmann Going Into Supplies.

The most important news of the week is the announcement that the Poehlmann Bros. Co., which is preparing to move the store into much larger quarters, will go into florists' supplies. It is stated that a complete line will be put in. The florists' supplies interests in Chicago are expanding rapidly.

Various Notes.

The partnership between Frank Williams and George Economopoulos, doing business as the Alpha Floral Co., was dissolved by mutual consent February 2. Mr. Economopoulos will continue the store and assumed all obligations.

The Batavia Greenhouse Co. has Moninger material on the ground for four new houses, each 27 x 275. Two are to be planted, as early as possible, to Killarneys and two later to carnations.

Weiland & Risch have just finished equipping their boilers with smoke consumers on the steam jet blower system. All the Evanston growers have similar work in mind, for the city officials are getting after all smoking chimneys.

In discussing the prospect, at the store of the E. C. Amling Co., H. C. Wendland stated the other day that between July 1, 1912, and July 1, 1913, Wendland & Keimel expect to cut approximately 2,000,000 roses. Their addition is the largest any grower for this market is making this year. They will have twenty-one houses to produce the 2,000,000 flowers.

Harry Rowe is nicely located in his new store at 20 East Monroe street and his old stand is in the hands of John Mangel's decorators.

Wm. Dittman, the New Castle Beauty grower who ships to Kyle & Foerster, has gone to Tavares, Fla., for four weeks' vacation, leaving the place in charge of Wm. Dittman, Jr.

John Riemersma, who does business at 7111 Indiana avenue as the Park Manor Greenhouses, has worked up a

WESTERN

ORCHIDS

Chas. W. McKellar & Co.

162 N. Wabash Avenue, CHICAGO

Headquarters

CURRENT PRICES

ORCHIDS

Cattleyas, Trianae	Per doz.,	$ 5.00 @	$ 6.00
" "	Per 100,	30.00 @	35.00
Dendrobium Formosum, white	Per doz.,	5.00 @	6.00
Boxes assorted Orchids, $5.00 and up.			
AMERICAN BEAUTY—specials,	Per doz.,		5.00
36-inch	"		4.00
30-inch	"		3.00
24-inch	"		2.50
20-inch	"		2.00
15 to 18-inch	"		1.50
Shorter	"	.75 @	1.00
Killarney	Per 100,	5.00 @	12.00
White Killarney	"	5.00 @	12.00
My Maryland	"	5.00 @	12.00
Richmond	"	5.00 @	12.00
Mrs. Field	"	5.00 @	12.00
ROSES, our selection	"		5.00
" extra special, select	"		15.00
CARNATIONS			
Select	Per 100,	2.00 @	3.00
Fancy	"		4.00
MISCELLANEOUS STOCK			
Gardenias	Per doz.,	3.00 @	4.00
Valley	Per 100,	3.00 @	4.00
Easter Lilies	"	12.50 @	15.00
Violets, double		.75 @	1.00
" single		.75 @	1.00
Sweet Peas		.75 @	1.50
Paper Whites		3.00 @	4.00
Romans		3.00 @	4.00
Mignonette		6.00 @	8.00
Bouvardia		6.00 @	8.00
Jonquils		3.00 @	4.00
Tulips		3.00 @	4.00
Daffodils		3.00 @	4.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 @	.60
Asparagus Plumosus	Per bunch,	.30 @	.50
Asparagus Sprengeri	"	.25 @	.50
Adiantum	Per 100,	.75 @	1.00
Farleyense	"		12.00
Smilax	Per doz., $1.50 @ $2.00		
Mexican Ivy	Per 1000, 6.00	"	.75
Ferns	" 2.50	"	.30
Galax, green	Per 1000,		1.00
" bronze	"		1.00
Leucothoe	Per 100,		.75
Wild Smilax	Per case,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Subject to market changes

ORCHIDS—SPECIAL

We have an unusually large and fine supply of that splendid orchid, Cattleya Trianae. Can supply any quantity. Let us have your inquiries.

CHAS. W. McKELLAR
162 N. Wabash Avenue, CHICAGO

Always mention the Florists' Review when writing advertisers.

Special This Week (to Feb. 15)

BASKETS FANCY and NOVELTY

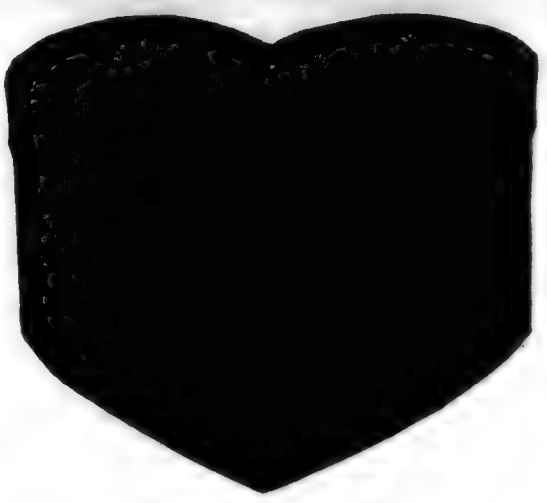
We have an enormous stock of Cut Flower and Plant Baskets, probably the largest assortment to be found under one roof in this country. To introduce the line to more buyers, we offer this week as follows:

For $ 7.00—An Assortment intended to sell at $ 10.00
For 17.50—An Assortment intended to sell at 25.00
For 35.00—An Assortment intended to sell at 50.00
For 70.00—An Assortment intended to sell at 100.00

All bright, new goods of the very latest fancy and novelty patterns. If not considered a bargain when received, ship them back **at once** at our expense. State if wanted with tin liners. **Florists visiting Chicago invited to make their own selection on above terms.**

Customers having orders for these goods placed with us for later shipment are invited to take advantage of this **special** offer by having the shipment go forward at once.

Don't overlook the fact that our stock of Florists' Supplies is absolutely complete, and that because of the large volume of our business we are in position to quote closest prices, being, in fact, able to sell at the prices smaller dealers pay for their merchandise.



Red Heart-Shaped Boxes

A winner line last year. For Valentine Violets. Order at once—we ship by next train.

	Each	Per doz.
To contain 50 violets.....	$0.15	$1.80
To contain 100 violets.....	.20	2.40
To contain 200 violets.....	.25	3.00

A. L. Randall Co.

Everything for Florists, L. D. Phone Central 1496 Private Exchange all Departments 66 E. Randolph Street, Chicago

Mention The Review when you write.

$7.50 per 1000 **Violets for Valentine's Day** **$7.50 per 1000**

Sweet Peas, Carnations, Roses, Romans and Paper Whites

FLORISTS' SUPPLIES OF ALL KINDS
SEND FOR CATALOGUE

W. C. Smith Wholesale Floral Co.

1316 Pine Street, ST. LOUIS, MO.

Mention The Review when you write.

large stock for spring and finds the place so crowded that an addition to the glass is contemplated.

E. F. Winterson and family moved, January 31, into their fine new home at Hamlin and Congress streets.

N. J. Wietor has completed the equipment of his private garage. The limousine has at length displaced the trotter.

Mrs. L. H. Winterson is in Columbia hospital, where an operation was performed February 6.

C. W. McKellar is suffering a touch of rheumatism in his right knee.

Tim Matchen says Peter Reinberg can subscribe to the general complaint that carnations are not blooming with the usual freedom this season.

Henry Van Gelder and Mrs. Percy Jones bought a five passenger Buick touring car at last week's automobile show.

Phil Schupp says that if it were not for those seven houses of roses that have been touched by gas J. A. Budlong would be unusually well fixed this winter. It will interest the several local growers who have had trouble with gas that at Omaha a florist has succeeded in getting a settlement on a similar claim.

Guy M. Reburn, of A. Henderson &

Carnations De Luxe

Largest blooms, longest Stems,
Best keeping qualities.

$3.00 to $4.00 - per 100

All seasonable Cut Flowers
Greens, etc., at market prices.

Chicago Carnation Co.

A. T. PYFER, Manager
30 E. Randolph Street, :: CHICAGO

Always mention the Florists' Review when writing advertisers.

Shipping Orders

We grow Beauties, Roses, Carnations, Valley, etc., and ask a share of your trade, knowing that our stock, our prices and our prompt attention will compare favorably with what you are accustomed to.

Batavia Greenhouse Co.

Greenhouses: Batavia, Ill. L. D. Phone 2995 Randolph Store: 30 E. Randolph St., CHICAGO

Mention The Review when you write

Co., says traveling in the west is no joke this winter. He waited at Pueblo, Colo., two days for a train and at other places almost as long.

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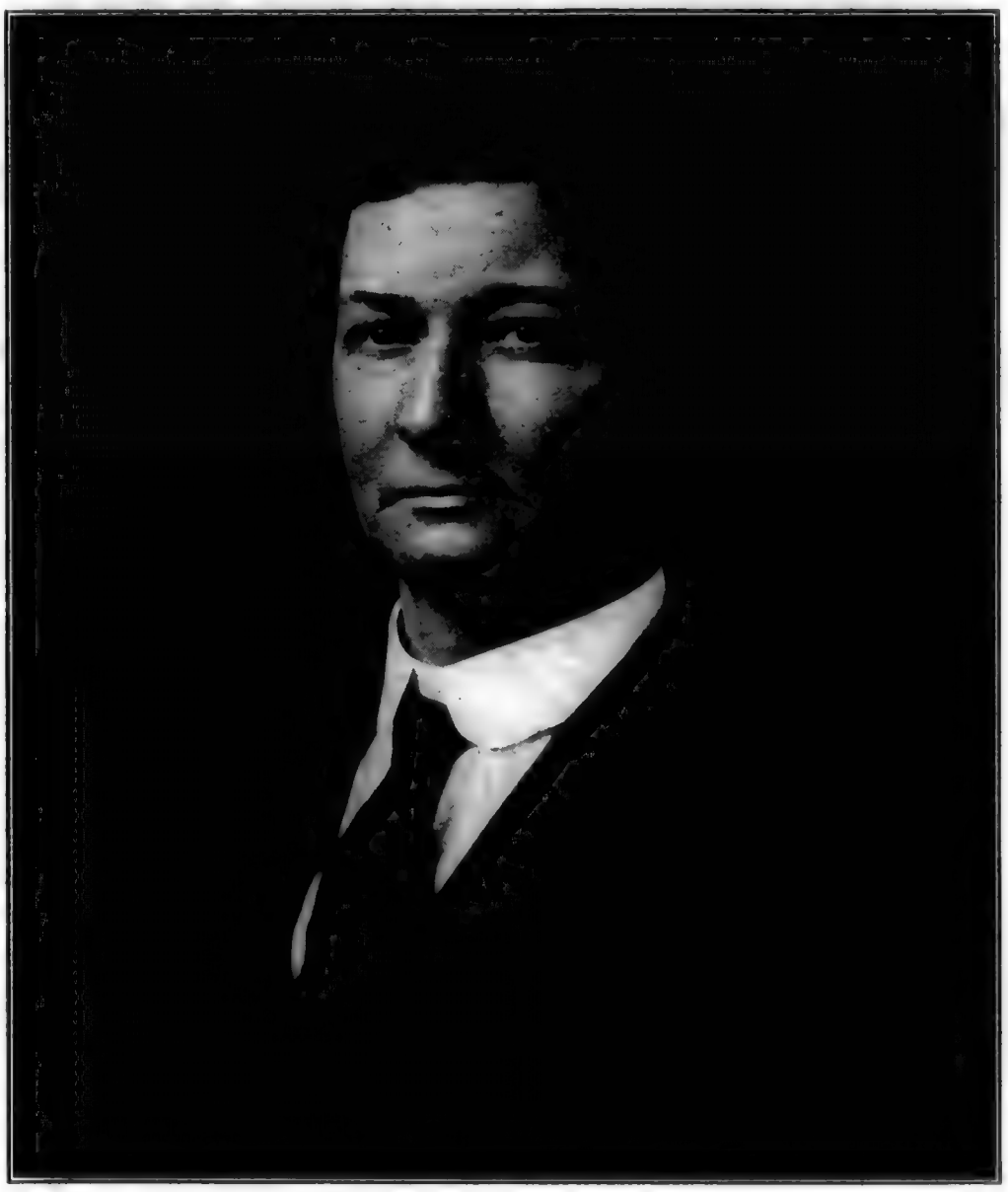
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Orders for all varieties of cut flowers will have his personal attention.

Telegraph and telephone orders from any part of the U. S. A. or Canada given special attention.

FLOWER GROWERS' SALES CO., Inc., Boston, Mass.

Office at 1 A Park Street

Salesroom at BOSTON FLOWER EXCHANGE, Park Street, Telephone 3766 Haymarket.

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BEAUTIES, ROSES, CARNATIONS

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AMERICAN BEAUTIES	Per doz.
Extra long	$5.00
36-inch stem	4.00
30-inch stem	3.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.25
Short stem	$0.75 @ 1.00

Perle	Per 100
Special	$10.00
Select	8.00
Medium	6.00
Short	5.00

		Per 100
Richmond	Special	$12.00
	Select	$8.00 @ 10.00
	Medium	6.00
	Short	5.00
Killarney, White Killarney, Mrs. Field, Maryland	Special	12.00
	Select	8.00 @ 10.00
	Medium	6.00
	Short	5.00
Sunrise	Special	10.00
	Select	8.00
	Medium	6.00
	Short	5.00

ROSES, our selection, $5.00 per 100.

	Per 100
CARNATIONS	$3.00
Fancy	4.00
Harrisii	per doz., $2.00
Sweet Peas	$1.00 @ 1.25
Paper Whites	3.00 @ 4.00
Romans	3.00 @ 4.00
Tulips	3.00 @ 4.00
Valley	3.00 @ 4.00
Violets	1.00 @ 1.25

	Per 100
Adiantum	$ 1.00 @ $ 1.50
Asparagus, sprays	2.00
" strings	60.00 @ 75.00
" Sprengeri	2.00
Smilax	per doz., $1.50 @ $2.00
Ferns	per 1000, 2.50
Mexican Ivy	.75
Galax, green or bronze	per 1000, 1.00
Leucothoe	.75
Boxwood	bunch, 25c

Subject to change without notice.

PETER REINBERG

35 E. Randolph Street, L. D. Phone Central 2846. **CHICAGO**

THE FLORISTS' SUPPLY HOUSE OF AMERICA

ST. VALENTINE'S DAY

DON'T FORGET WE HAVE HEART HAMPERS—ALL SIZES

H. BAYERSDORFER & CO., 1129 Arch St., PHILADELPHIA

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Roses, Aaron Wards, Waddells, Tafts, Cardinals, Killarneys, Marylands, Richmonds and Beauties.

Carnations, all standard varieties; Jonquils, Narcissus, Paper Whites, Hyacinths, Valley, Violets, Orchids, Gardenias, Easter and Calla Lilies. We are in an excellent position to fill orders at a moment's notice. Our motto is "A square deal to both retailer and grower." Our shipping facilities are unsurpassed, as we make a specialty of shipping flowers to all parts of the United States and Canada. We strive to please. A trial order will convince you. A full line of Florists' Supplies and Hardy Cut Evergreens always on hand. Best quality, lowest prices and prompt service. Write, wire or telephone.

Henry M. Robinson & Co.

Wholesale Commission Florists, Dealers in
Hardy Cut Evergreens.
Importers and Manufacturers of Florists' Supplies.

46 West 26th Street, New York City

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Shipping Orders

We grow Beauties, Roses, Carnations, Valley, etc., and ask a share of your trade, knowing that our stock, our prices and our prompt attention will compare favorably with what you are accustomed to.

Batavia Greenhouse Co.

Greenhouses: Batavia, Ill. **L. D. Phone** 2995 Randolph **Store: 30 E. Randolph St., CHICAGO**

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ACACIA PUBESCENS, $2.50 per bunch

LONG sprays of brilliant yellow flowers, with fine foliage. The choicest of all yellow flowers during this month. We always have it on hand. Large orders should be placed in advance.

BEAUTIES

Our Beauties are of excellent quality, as good as you will find anywhere. Specials are 36-inch stems and over, good heavy buds and fine color. You will find our prices fair and reasonable. Let us supply you.

VIOLETS

We guarantee our Violets to be as fresh as it is possible to get them. Some of the best New York violet growers make daily shipments to us. Should you be able to use a quantity, we can quote you a special price.

The Leo Niessen Co. Wholesale Florists 12th and Race Streets, PHILADELPHIA, PA.

Mention The Review when you write.

Wertheimer, Sam Seligman and A. L. Marks, of Wertheimer Bros., New York; Wm. Graff, Columbus, O., consulting Dr. Billings, who advises a second operation for appendicitis; J. F. Ammann, Edwardsville, Ill., in conference with C. L. Washburn on State Florists' Association matters; Morris Fisher, Kalamazoo.

PHILADELPHIA.

The Rising Eastern Market.

The feature of the first week in February is the increase in the supply of daffodils, an increase so large that the market has been borne down. Golden Spur are down to $3 a hundred and even lower, while single Von Sion fare even worse. Tulips have suffered from their quality, or rather lack of it, while the shorter-stemmed sweet peas accumulate despite efforts to sell them.

Outside of these varieties, the cut flower market is in fair shape. There are improvements in single violets and in valley. Cattleyas are less depressed. There is an active demand for the rather modest supply of Easter lilies. Asparagus plumosus is in demand. The difference between the nice, compact bunches of even sprays and the long, ragged or short, scrubby ones is much less noticeable than usual.

Carnations are holding their own well. The receipts have been heavy. The market has taken them at prices but little below that of the last week in January. Despite the shortening of the rose crop, the scarcity has been confined to the lower grades. Fancy and select roses have been fully equal to all demands. Fancy sweet peas have fared much better than the poor grade, although $1 will buy all but gilt edged stock. It is unfortunate that so many sweet peas worth from 35 to 50 cents per hundred should be coming into town when the extreme cold deprives them of their natural outlet, the street merchants. Lilac is in fair demand. The beautiful Acacia pubescens has come.

Club Meeting.

The club meeting Tuesday, February 6, was remarkable; the attendance filled every chair and many stood. The exhibits were numerous, varied and all well grown. Addresses were made by Richard Vincent, Jr., who spoke of the value of organization for the florist; Wallace R. Pierson, in his happiest vein; Stanley Fisher, Robert Pyle, Adolph Farenwald, Edward A. Stroud, Leo Niessen, Samuel S. Pennock and John R. Andre.

The Robert Craig Co. exhibited for Stockton & Howe the new rose, Princeton. S. S. Pennock-Meehan Co., for the Budlong Rose Co., staged the new rose, Baltimore. A. N. Pierson Co., Cromwell, Conn., exhibited Double White Killarney, Mrs. Taft, Lady Hillingdon and Killarney Queen, also Asparagus Hatcheri strings. J. Stephenson's Sons staged Mrs. Jardine and Double Pink Killarney. Robert Scott & Son showed Irish Fireflame, a new five-petaled rose, and Double Pink Killarney. Joseph Heacock Co. exhibited Killarney and White Killarney. E. G. Hill Co., Richmond, Ind., staged Sunburst.

Peter Fisher, Ellis, Mass., sent his striped carnation, Benora, and Goddess, a grand scarlet. The Stafford Flower Farms had five vases of carnations, including Princess Charming, Gloriosa, White Wonder, Mrs. Ward and Beacon. S. S. Pennock-Meehan Co. exhibited a vase of 100 Comfort and also staged Wodenethe for Charles H. Totty, a white seedling for the Cottage Gardens Co., Northport for James D. Cockcroft, and Wm. Eccles for Scott Bros. H. D. Rohrer had a red seedling. William Kleinheinz staged Miss Dimple Widener. Richard Lang showed White Enchantress, Mrs. C. W. Ward.

A Visit to Riverton.

There was an atmosphere of activity and bustle about the large packing shed at Riverton. Men were carrying

FEBRUARY FLOWERS

For "something choice" we suggest fancy blooms of

Princeton *and* Richmond Roses

For "good value for the money" we suggest select

VIOLETS, single and double.
SWEET PEAS, pink and white.
DAFFODILS **PAPER WHITES**
TULIPS

We also have a good supply of **CARNATIONS, ROSES, LILIES** and all seasonable varieties of cut flowers and greens.

BERGER BROTHERS

Wholesale Florists

140-142 North 13th Street, PHILADELPHIA, PA.

St. Valentine Hints

With every box of flowers sent as a Valentine—whether Violets, Spring Flowers, Roses, Gardenias, Orchids or Valley, it matters not—a few sprays of **Forget-me-nots** give it the true sentiment of a Valentine. **Per 100, $4.00 and $5.00.**



Some of the flowers we will have in abundance for

Valentine Specials:

Double Violets ..... $1.00 per 100
Single Violets ..... 1.00 per 100
Sweet Peas, 75c per 100; choice, $1.00 per 100; extra long, very choice ..... 1.50 per 100
Daffodils ..... $4.00 per 100; $30.00 per 1000
Gardenias, special ..... 3.00 per doz; $20.00 per 100
" fancy ..... 2.00 per doz.; 12.50 per 100
Cattleyas ..... 6.00 per doz.; 40.00 per 100
Valley ..... $3.00 and 4.00 per 100
Pussy Willow ..... $4.00 per doz. bunches

Distributing Agents for the Great New Roses for 1912:

DOUBLE WHITE KILLARNEY and KILLARNEY QUEEN

(Budlong Strain)

Grafted, $30.00 per 100; $250.00 per 1000; Own root, $25.00 per 100; $200.00 per 1000

SUNBURST

Grafted, $35.00 per 100; $300.00 per 1000; Own root, $30.00 per 100; $250.00 per 1000

	GRAFTED		OWN ROOT	
	Per 100	Per 1000	Per 100	Per 1000
Aaron Ward	$20.00	$150.00	$10.00	$ 90.00
Lady Billingdon	25.00	200.00	20.00	150.00
Melody	own root stock only		12.00	100.00

Ribbons and Supplies—Many new patterns in exclusive ribbons. Write us for prices on these and on supplies.

PM QUALITY

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF PHILADELPHIA

PHILADELPHIA 1608-1620 Ludlow Street
NEW YORK 109 West 28th Street
WASHINGTON 1212 New York Avenue

Mention The Review when you write.

CARNATIONS!

VIOLETS SWEET PEAS

Philadelphia Cut Flower Co., 1517 Sansom Street, Philadelphia, Pa.

OPEN UNTIL 6 P. M.

Mention The Review when you write.

in trays of plants from the houses to the packing benches; packers were filling heavily padded boxes with plants and bulbs, while in the extreme end a force of men were busily engaged in pruning, labeling and potting roses.

George A. Strohlein stepped briskly out of the office, with a greeting so hearty that the trip seemed as nothing. "We shipped fifteen tons by express January 17," he said. "I know fifteen tons seems a good deal—30,000 pounds, but that was what we sent. You see," Mr. Strohlein added, "it was too cold to send plants out for nearly two weeks, so that was the accumulation of orders which left here then. The express company furnished us two cars for the south and west and two more for the East, saving trouble for both the company and ourselves."

Cocos Weddelliana has become so closely identified with the Dreer place at Riverton that one of the bright minds conceived the idea of saying, "If you see a fine cocos, it came from Dreer's." In this, as in many other truths, the exception would but prove the rule. The cocos range is absorbingly interesting to anyone who cares for beautiful palms. It is customary among floral writers to go into raptures over the cocos and then give the numbers and, if their enthusiasm is great, the number of each size of pot. But it is not the numbers or the sizes of the

THE FLORISTS' SUPPLY HOUSE OF AMERICA

CHERRIES

For Washington's Birthday

A fine lot of Baskets are now arriving for Easter. We have them with and without liners, in a variety of styles that afford an unusual opportunity to secure a splendid assortment.

Choice Chiffons **Lace Handkerchiefs** **Bridal Scarfs**

Dainty and attractive.

Recently received a large importation of Japanese Air Plants, Sea Moss.

Send for our SILENT SALESMAN; he will tell you of everything in florists' supplies.

H. BAYERSDORFER & CO.

1129 Arch Street, PHILADELPHIA

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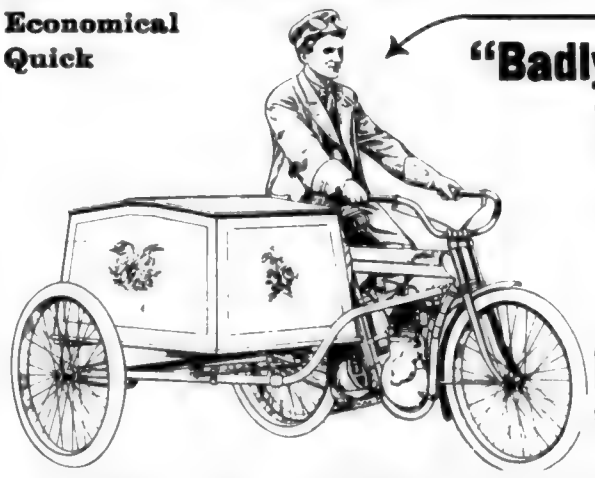
pots that appeal to the plant lover who sees these palms; it is their absolute freedom from disease. Anyone who has tried to grow the cocos knows that the danger of even a slight injury to the root is serious, and that, when this injury occurs, the plant suffers unmistakably. He further knows that when perfectly healthy plants receive a slight check from water or temperature, they assume a golden hue most exasperating to the grower, from which they recover more slowly than a patient from typhoid. The first trouble has been met and conquered at Riverton, as in many other places, by seed sowing in pots; the second by cultural skill, combined with well drained, heavy soil.

A step further in cocos lore comes from the grower, who has made an intelligent study of his graceful pets. "The more distinct the type, the slower the growth," he says. An illustration was made with three plants from the same sowing, in the same size of pot. One was tall and erect. "This plant," the grower said, "will give the specimen most rapidly." Then turning to a graceful, drooping cocos, he said, "This is the slowest form of growth." Between these two was a plant that partook slightly of the characteristics of both, with a slight curl or twist to the leaves, giving a bizarre appearance, probably infrequently seen.

To bring out the point more clearly, it should be added that the graceful, drooping cocos was absolutely vigorous and healthy, so that the application of the rule, "The more distinct the type, the slower the growth," has nothing whatever to do with health. Further illustrations were given in other sizes, showing the three types, more especially the first and second, in different stages of growth. The impression given by a stroll through the cocos range is that this palm has responded in a wonderful degree to the intelligent cultural skill bestowed upon it.

The feature of kentia cultivation at Riverton today is the making up of Kentia Forsteriana in those useful elec-

Economical
Quick



"Badly Crippled Without the Motorcycle"

That is what L. J. Reid, of Reid's Greenhouses, Fort Morgan, Colo., says about motorcycle delivery for rush funeral, or other, orders. He finds the motorcycle "handy, quick and economical." So will you if you use an "Armac." Write for catalogue and prices.

THE AUBURNDALE CO.

920 West Randolph Street, CHICAGO

Agents for Armac Motorcycles

Mention The Review when you write.

WANTED

The names of Florists and Decorators to become thoroughly acquainted with the good qualities and low prices of

PINE TREE RIBBONS AND CHIFFONS

Beautiful, lustrous ribbons, popular widths and colors.
Samples and prices on request.

The Pine Tree Silk Mills Co.

PHILADELPHIA

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MICHELL'S BULBS

FORCING GLADIOLUS

	Doz.	100	1000
KUNDERDI GLORY Petals ruffled; color cream pink, with a faint blood-red stripe through the throat	$1.10	$7.50	$70.00
AMERICA Giant flowers; delicate pink	.60	3.75	35.00
AUGUSTA Pure white	.40	2.50	20.00
MAY White, penciled crimson	.40	2.25	20.00
BRENCHLEYENSIS Bright, brilliant scarlet	.20	1.25	12.00
MRS. FRANCIS KING Gigantic spikes, brilliant scarlet	.50	3.00	25.00

Varieties for Outdoor Planting

	Doz.	100	1000
PEACE (New) A grand pure white flower with a slight marking of lilac on the lower petal	$3.00	$20.00	$125.00
PRINCEPS Giant dazzling scarlet	1.75	12.00	115.00

UNNAMED GLADIOLUS

	Doz.	100	1000
White and Light Colors (Special)	$0.35	$2.50	$20.00
White and Light (Regular)	.25	1.75	15.00
Pink and Rose	.25	1.50	13.75
Yellow and Orange, all shades	.50	3.75	35.00
Scarlet and Crimson	.20	1.35	12.00
Striped and Variegated	.35	2.50	22.00

GLADIOLUS IN MIXTURE

	Doz.	100	1000
Michell's Giant-flowering Mixture—the best there is	$0.25	$1.75	$15.00
Groff's New Hybrids, Extra Fine Mixed	.25	1.50	12.50
Extra Choice Mixed	.20	1.00	9.00

BEGONIAS (Tuberous-rooted)

Choicest large-flowering. Mammoth bulbs.

	Per doz.	Per 100	Per 1000
SINGLE BEGONIAS			
Separate colors	$0.40	$2.50	$22 00
Mixed	.30	2.25	20.00
DOUBLE BEGONIAS			
Separate colors	.65	4.00	37.50
Mixed	.50	3.75	33.00
NEW BEGONIA CRISPA A beautiful frilled or crested type, producing very large, single flowers.			
Separate colors	$1.00	$6.00	$50.00
Mixed	.80	5.00	40.00

ISMENE CALATHINA

Flowers a beautiful waxy white and deliciously fragrant. Large bulbs, 12c each; per doz., $1.25; $8.50 per 100.

JAPANESE FERN BALLS

In Dormant Condition

	Each	Doz.	100	1000
Large size	$0.25	$2.75	$22.50	$200.00
Medium size	.20	2.00	15.00	135.00

GLOXINIAS

Large, plump bulbs, which will make fine specimen plants.

	Doz.	100	1000
Separate colors	$0.60	$3.25	$30.00
Choicest Mixed, all colors	.50	3.00	27.50

CALADIUMS

	Doz.	100	1000
Mammoth Bulbs	$1.35	$10.00	$95.00
First Size Bulbs	.90	6.50	62.50
Second Size Bulbs	.60	4 50	42.50
Third Size Bulbs	.40	2.50	23.50

TUBEROSE BULBS

Mammoth size ..... Per 1000, $8.75

CANNA BULBS

All varieties. Write for prices.

Wholesale Catalogue for 1912 Free for the Asking

HENRY F. MICHELL CO., 518 MARKET ST., PHILADELPHIA, PA.

Mention The Review when you write.

ST. PATRICK'S

Carnation Fluid

The kind that makes the true Emerald green.

Pint, 50c; Quart, $1.00.

A. L. RANDALL CO.

66 E. Randolph Street, CHICAGO

Mention The Review when you write.

GREEN CARNATIONS

Send 25c and receive by mail a package of dye that will color 75 to 100 carnations green. Have many letters stating it is best on market. 3 packages, 60c; $2.00 per dozen. 2c stamps accepted.

LOUIS ELSASS, Chillicothe, Ohio

Mention The Review when you write.

Cyaceine Flower Coloring

Any color sent by mail, **20c** per quart.

St. Patrick Green, Yellow, Blue, American Beauty, Orange or Pink.

C. R. CRANSTON, 146 Orchard St., AUBURN, R. I.

Mention The Review when you write.

---

tric-wired cedar tubs. Home-grown plants are being made up in large numbers, both here and at Riverview; they show the confidence that is felt in the usefulness of this style of kentia, particularly for decorative work.

Another Riverton specialty, Cibotium Schiedei, is meeting with increased favor all over the country, due partly to its intrinsic merit, now becoming known, and partly to the improved quality of the stock offered.

PAPER POTS

We've been selling them six years.
First year sold **30,000.**
Last season sold **2,200,000.**

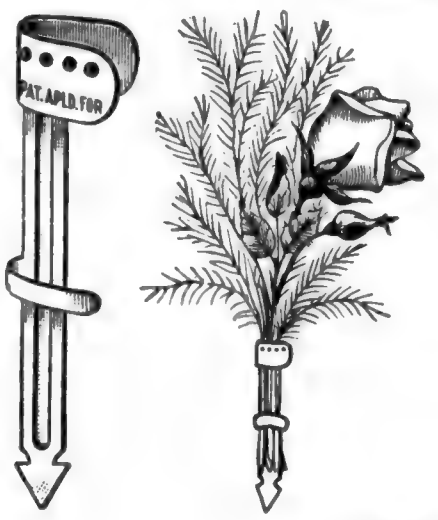
They will grow anything from a cucumber to a carnation.
They are the quickest folding paper pots on the market.
Best for shipping; they are square, pack closely, no breakage.
Read what Mr. Koenig says of them:

"Pots received O. K., in record time. Set up and used.
Beats pottery all hollow.
"Yours for future business,
"T. H. KOENIG, Watervliet, Mich."

Prices, in lots of 5000: 2-in., 65c per 1000; 2½-in., 85c per 1000; 3-in., $1.00 per 1000; 4-in., $1.50 per 1000. Freight prepaid on $10.00 orders east of the Mississippi.

P. B. CROSBY & SON, CATONSVILLE, (BALTO.) MD.

Mention The Review when you write.



BEHRE'S IMPROVED MODEL

STEM-ER

Patent applied for.

A time-saver to the extent of lessening over 50% of the labor, together with the grace in which the leaves and flowers can be set by the firm hold the Stemmer has upon them, **making them an article of perfection.** They are now being used by leading designers.

This is what E. Woerz, of Enid, Okla., thinks of my Stemmer: "Please ship at once 5000 Stemmers; I am out and cannot get along without them. Yours truly, Eugene Woerz."

Prices: From 1000 to 5000 at 75c per 1000; 10,000 lots at 70c; 25,000 lots and over at 65c. At your dealer's or direct from the factory.

E. H. BEHRE, Madison, N. J.

Mention The Review when you write.

Ferns——Galax——Moss

HEADQUARTERS FOR SOUTHERN WILD SMILAX

$3.00, $4.00 and $5.00 per case.

New Fancy Ferns
Per 100.....20c Per 1000.....$1.75

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000..... 5.00

Bronze Galax Leaves
Per 1000..... $1.00 Per 10,000..... 7.50

Green Galax Leaves
Per 1000.....$1.00 Per 10,000..... 7.50

Boxwood
Per lb..... 20c Per case of 50 lbs $6.50
Per case of 100 lbs.....$12.00

Mexican Ivy
Per 100.....75c Per 1000..... 6.00

Green Sheet Moss
Per bundle .....$1.00 10 bundles 9.00
25 bundles.....$21.00

SPECIAL PRICES ON LARGE QUANTITIES.

Imported Bronze and Green Magnolia Leaves, $2.00 per basket
Everything in Florists' Supplies

Full Line of Cut Flowers and Other Greens at All Times.

C. E. CRITCHELL, Wholesale Commission Florist, 34-36 East Third Ave., **Cincinnati, Ohio**

Mention The Review when you write.

Discussing the question of heat, Mr. Strohlein said that by putting on helpers for the regular day and night firemen, whose duties were especially to watch the temperatures in the houses, the entire place had passed satisfactorily through the zero weather. While on this subject Mr. Strohlein spoke with enthusiasm of the ease with which Riverton is heated and the favorable growing conditions there. He said that when last at Riverview a decided improvement in the growth of the kentias could be noticed, since his previous visit of a short time before.

James C. Clark was working in the dahlia section. The roots, Mr. Clark said, were wintering well. "They are in splendid condition, not quite so large as last year, but sound and plump; roots that are sure to do well." The quantity of dahlias under Mr. Clark's care is surprising; nothing but perfect system, combined with perfect facilities, enables him to handle them as he does. Row after row of bins, reaching from the floor nearly to the ceiling, airy and free from dirt, all carefully and clearly labeled, give some idea of what is meant by facilities and by system.

A soil crusher, Kleinschmidt No. 4, has been installed and is working at Riverton. It is run by a gasoline engine, pulverizing soil as fast as two men can feed it, and the work is thoroughly done.

These few impressions of a great place are penned in the hope that they may be of interest to some and an inspiration to others.

Various Notes.

Robert Craig and D. C. Donohoe, of this city, and Julius Roehrs, of Rutherford, N. J., sailed for Porto Rico February 3. They also expect to visit Trinidad.

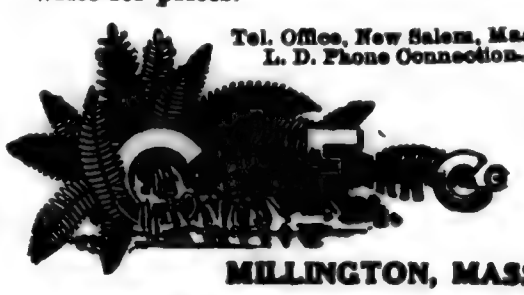
The Henry F. Michell Co. is just completing two new greenhouses at Andalusia. The one for pot roses is 20x 100 feet; the other, for propagating, is 10x100 feet.

W. E. Fowler, of the Highland Rose Co., Morton, Pa., has been looking over some of the rose houses in the neighborhood of this city. Mr. Fowler has

FANCY OR DAGGER FERNS

$1.00 per 1000. Write for prices on large orders.

Galax, 75c per 1000; $6.50 per case of 10,000. **New Bronze** now ready, write for prices.



MILLINGTON, MASS.

Try our **Boxwood,** it's the finest that grows; no waste; 50-lb. case, $7.50.
Laurel Festooning, the best, 4c, 5c and 6c per yard.
The finest **Laurel Wreaths** made, $3.00 per dozen.
Branch Laurel, 35c for large bundle.
Sphagnum Moss, $4.00 per bale.
Bouquet Green, 8c per lb.
Southern Smilax, $5.00 per case of 50 lbs.
Green Moss, $1.25 per bbl.
Partridge Berries, 10c per bunch of 50 sprays.

A Special Lot of GROUND PINE, only $6.00 per 100 lbs. First come, first served.

CROWL FERN CO., : Millington, Mass.

Mention The Review when you write.

GALAX-SPRAYS-FERNS-PLANTS



Fancy Dagger Ferns.....$ 1.25 per 1000
Long Green Leucothoe Sprays..... 2.50 per 1000
Short Green Leucothoe Sprays..... 1.25 per 1000
Bronze Assorted Leucothoe Sprays..... 3.50 per 1000
Bronze and Green Galax..... .60 per 1000
Beautiful Hemlock Spruce Plants,
6 to 12 inches.....$2.00 per 100; 15.00 per 1000
15 to 20 inches..... 4.00 per 100; 35.00 per 1000



Rhododendron Seedlings.....$0.20 per 100; $10.00 per 1000
6 to 8 inches.....$4.00 per 100; $35.00 per 100 12 to 15 inches..... 6.00 per 100; 50.00 per 1000

These plants will grow if properly planted. We pack so as to arrive fresh and moist. Charge extra on lots less than 100. Discount on large orders. Eighteen years in the business. Send cash with first order.

J. N. PRITCHARD, Elk Park, N. C.

Mention The Review when you write.

WHOLESALE ONLY

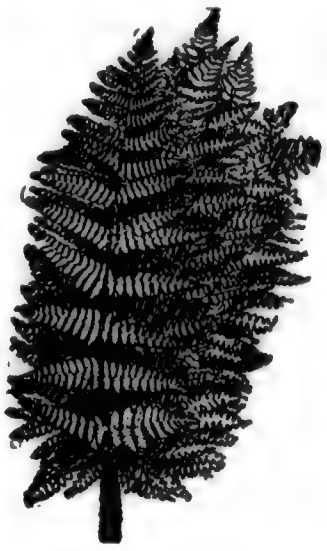


Galax, Ferns, Leucothoe

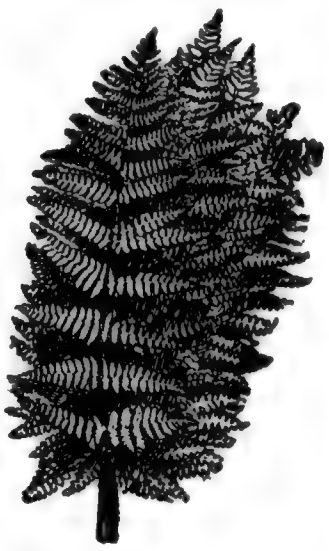


—Ask for Price List—

THE NORTH CAROLINA EVERGREEN COMPANY,
Banners Elk, Pianola, Edgemont, Montezuma, Elk Park.
Address all communications to our home office, Banners Elk, N. C.



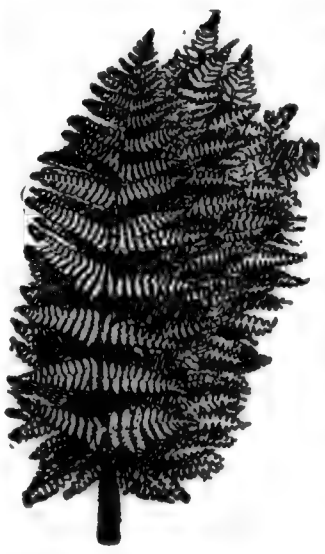
Fancy Ferns



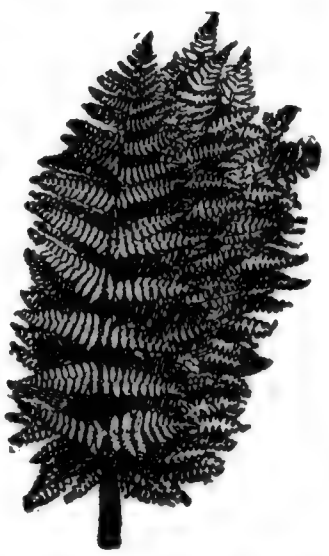
Finest stock in the country

$1.75 per 1000 Discount on large orders. **$1.75 per 1000**

Place your standing orders with us.
Full supply all the year around.



Imported green and bronze Magnolia Baskets, $2.25; 6 baskets	each, $2.00
Galax Leaves, green and bronze	per 1000, 1.25
Green Leucothoe Sprays, extra fine	per 1000, 7.50
Boxwood	per lb., 20c; per case, 50 lbs., 7.50
Wild Smilax	50-lb. case, 5.00
Sphagnum Moss	large bales, 2.50



Full supply Cut Flowers at all times.

Michigan Cut Flower Exchange

38-40 Broadway, Detroit, Mich.

Mention The Review when you write.

"Nothing can improve on Nature"

1886 **1912**



GEORGE W. CALDWELL, The Woodsman
The man who gave you the Wild Smilax

WILD SMILAX

Large cases.....$2.50
Parlor brand half cases..... 1.50

Wire your orders. We ship same day.

CALDWELL THE WOODSMAN CO.
Everything in Southern Evergreens
EVERGREEN, ALA.

Mention The Review when you write.

Wild Smilax and Leucothoe Fully Guaranteed
LOUISVILLE FLORAL CO., Louisville, Ala.
Telegraph Office, Abbeville, Ala.
Mention The Review when you write.



When in Need of Extra Fine Quality CUT FANCY or DAGGER FERNS



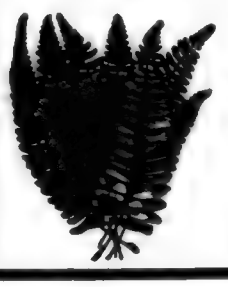
Write to

"The Fern Men"

L. B. BRAGUE & SON {Since 1867} **HINSDALE, MASS.**

Mention The Review when you write.

J. H. VON CANON & COMPANY



Evergreens Fresh from the Woods

Galax, Bronze, 50c per 1000; $4.00 per case of 10,000.
Green Leucothoe, regular lengths, $1.75 per 1000.
Green Leucothoe, 10 to 16-inch, $1.00 per 1000.
Bronze Leucothoe, 10 to 16-inch, $1.75 per 1000; regular lengths, $2.75 per 1000.

Cash with order.



Wire us, Elk Park, N. C. **BANNERS ELK, N. C**

Mention The Review when you write.

Wire, Write or Phone Your Orders For

Southern Wild Smilax

Palms, Pines, Fadeless and Natural Sheet Moss, to

CHAS S. LEE & CO., Evergreen, Ala.

We guarantee to take care of you to your entire satisfaction.

Mention The Review when you write.

We are now shipping

Southern Wild Smilax

Natural and Perpetuated

SHEET MOSSES

E. A. BEAVEN, - EVERGREEN, ALA.

Mention The Review when you write.

been successful in producing large crops of roses for the Philadelphia Cut Flower Co.

The Florex Gardens has completed an attractive bungalow for the manager, adjoining the office and greenhouses at North Wales, Pa.

Edward Reid is ready to defend his title of sweet pea king.

B. Eschner says that pliable cycas is proving a great acquisition to the friends of M. Rice & Co.

Joseph Josephs has the happy faculty of making friends of those he meets.

John McCleary spoke on "An Early Garden" before an excellent audience at Michell's, February 5.

A fire, starting in the chimney and spreading to the roof, broke out at 5:30 Monday morning, February 5, at the establishment of Dingee & Conard Co., West Grove, Pa. The alarm was not given until 6 o'clock, so the flames had made considerable headway before the borough fire company arrived; a good stream of water could not be obtained because of the zero weather. The central shed, water works and heating works of just one block of eighteen houses were put out of commission, but more than half of the stock was saved by removal to the other block. The heating plant is not a complete loss, but there is said to be no insurance.

William McMurray is receiving congratulations on the recovery of his parents from pneumonia.

Alvah R. Jones, captain of the P.-M. Co., reports the arrival of Acacia pubescens.

Last week, like its first day, made a new seed record for Walter P. Stokes.

Franklin Ely, of Henry F. Michell Co., says that flower seed orders to date are away ahead of last year. Some seeds are already scarce.

H. Bayersdorfer has the faculty of transacting a large amount of business with great rapidity.

Richard Vincent, Jr., of White Marsh, Md., was the principal speaker at the Florists' Club's meeting February 6.

Juniata, described by M. H. Walsh as his best variety of rambler, will be the star of the Easter roses of Robert Craig Co., which promise an unusually fine assortment.

The cold weather has retarded the substantial improvements of T. N. Yates & Co., Mt. Airy, where new greenhouses and boiler shed are in course of erection.

Eugene Bernheimer's growers are coming on crop with yellow and white snapdragon.

Arrangements were completed February 3 between Stockton & Howe and the Robert Craig Co., whereby the latter will distribute the new rose, Princeton, next year.

George F. Christie, of Clifton, Pa., sent William J. Baker sweet peas that prove that seven flowers to one stem is not a myth. Phil.

David Fragner is the new representative of Wertheimer Bros., New York, for the Philadelphia district. He was here last week and was given a cordial reception.

Charles City, La.—C. D. Otis attended the recent meeting of the Citrus Fruit Growers' Association at Houston, Tex., and was elected a member of the executive committee.

$7.00

For a case of 10,000 Bronze Galax

DELIVERED

Freight paid, at your station.

You must mention this offer to get this special price—good only until this shipment is sold out. Quality of stock the best.

All Cut Flowers billed at Chicago market price day of shipment.

KENNICOTT BROS. CO.

163 N. Wabash Ave. **CHICAGO**

Mention The Review when you write.

ESTABLISHED 1898.

SMITH'S GALAX LEAVES

LEUCOTHOE SPRAYS

are Standard.

WM. C. SMITH

Marion, North Carolina

Ask for Smith's Galax and Leucothoe. Distributors in Boston, Providence, New York, Philadelphia, Baltimore, Washington, Pittsburgh, Cleveland, Detroit, Chicago, Milwaukee, St. Louis and Cincinnati.

Mention The Review when you write.

Green Sheet Moss,

Laurel Branches and Stems,

New Stone Tomato Seed.

Write for Prices

Will exchange for Crimson Clover Seed or anything I can use.

W. Z. PURNELL, Snow Hill, Md.

Mention The Review when you write.

FLORISTS!

Don't forget when you remember that I sell all

Native Forest Greens, Cut Ferns, Festooning, Baled Boughs, Xmas Trees, Etc.

Write for price.

H. J. SMITH, Hinsdale, Mass.

Mention The Review when you write.

BRONZE GALAX 75 CASES

new crop, on hand, all A-No. 1 quality, size medium. To move them quickly, will make the price $2.50 per case of 10,000. F. O. B. Mt. Airy, N. C. Cash with order. Established 1900.

THOS. HOLDER

R. F. D. No. 1, ROUND PEAK, N. C.

Mention The Review when you write.

BASKETS

Ask for one of our

SPECIAL ASSORTMENTS

from $10.00 up. Just what you need to increase your cut flower and plant trade. Write today.

RAEDLEIN BASKET CO.

717 Milwaukee Avenue, CHICAGO

Mention The Review when you write.

Plants Sell Better



when the ugly clay pots are hidden by the attractive and artistic

EVER-READY POT COVERS

Strong cardboard foundation. Best quality waterproof crepe paper, silk fiber ribbon ties at top and bottom. Firmly held with improved metal fastenings. Furnished in four colors and many sizes. Write for samples and price list today.

EVER-READY FLOWER POT COVER CO.

146 Hughes Ave., Buffalo, N. Y.

Mention The Review when you write.



BEFORE

No loss if you mend your split carnations with **Superior Carnation Staples**

50c per 1000 postpaid



AFTER

WM. SCHLATTER & SON

422 Main St., Springfield, Mass.

Mention The Review when you write.



SPLIT CARNATIONS

Quickly, easily and cheaply mended. No tools required.

Pillsbury Carnation Staple

Patented 1908.

2000 for $1.00 postpaid.

I. L. PILLSBURY

GALESBURG, ILL.

Mention The Review when you write.

WIRED TOOTHPICKS

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000.....$1.75 50,000.....$7.50

Sample Free. For sale by dealers.



Livingston's Extra-Select

Ohio Yellow Globe Onions

represent the most perfect strain of this desirable type of onions. Bulbs ripen early and evenly, are of bright, uniform color and distinct, attractive shape. Yields enormous crops (see illustration), the bulbs almost pushing each other out of the row to make full growth. They are solid mild and keep well. Their remarkably uniform color caused a satisfied customer to send us this letter: "It may interest you to know that among 10,000 bushels of onions raised from your seeds we have absolutely no white ones."

Oz., 15c; ¼ lb., 50c; lb., $1.85 postpaid. Special quotations on large quantities on request.

Onion Booklet, Wholesale and Retail Catalogues Free

Cover of Onion booklet shown to left demonstrates how Ohio Yellow Globes grow for us. They will do the same for you if you study the booklet and follow suggestions offered. Catalogues fully describe and offer "True Blue" Seeds at fair prices. Experience has proved that our Quality seeds make the price second consideration. Write for free Onion booklet and catalogues today.

The Livingston Seed Co., Desk R, **Columbus, Ohio**

Mention The Review when you write.

Stokes Seeds Philadelphia

Stokes' Bonny Best Early Tomato

Buy This Seed of the Originator, and Get it Right.

It is the finest tomato for forcing inside or for outdoor planting known to the trade. Price Introducer's Seed: Pkt., 10c; oz., 40c; ¼ lb., $1.00; lb., $3.75. Crown Set Seed for greenhouse use. Pkt., 20c; ½ oz., 75c; oz., $1.25. "Stokes' Standard" Globe Tomato. A new and wonderful strain of Globe Tomato. Seed saved from specimen fruits from line bred plants. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.50.

STOKES' BIG BOSTON LETTUCE — A superior strain. Oz., 15c; ¼ lb., 35c; Lb., $1.25.

STOKES' GRAND RAPIDS LETTUCE — A superior strain. Oz., 15c; ¼ lb., 35c; Lb., $1.25.

Send for Seed Catalogue and Market Gardeners' Wholesale Lists.

WALTER P. STOKES, Seedsman. Philadelphia, Pa.

Mention The Review when you write.

Vegetable Forcing.

MAKING HOTBEDS.

I wish you would please tell me exactly how to make hotbeds for spring plants, for sale, such as potatoes, tomatoes and cabbages. I live in Oklahoma. I have already made one of them, but did not succeed with it.

C. G. L.

To have the right kind of manure is the most important thing about making hotbeds. It matters little whether you make them on top of the ground or dig pits. I usually make them on top of the ground, but this method requires a little more manure, for it must be in a pile about two feet wider than the hotbed all around, as the hotbed does not heat well around the edges unless the pile is wider than the frame that is set on top of it. Many growers dig out pits the size of the sash. These are two feet deep and the frame is set on top of the ground like an ordinary cold-frame. In either case there should be about three inches of soil on top of the manure, to hold in the heat and also to prevent the injury of the plants from the fumes that rise.

As already stated, the manure must be right, or it will not heat well. Use only fresh, short horse manure, without much straw in it. Where shavings have been used for bedding, it does not make good hotbeds. The manure should be shaken up and turned over once or twice before being put in the hotbeds, and it should be left three or four days each time it is shaken out.

BEST FRENCH SEED.

Radish, Scarlet Globe; Self-Blanching Celery; Lettuce, Improved Big Boston (quality extra); Black Seed Big Boston, Beaulieu's Forcing, 45 head fill up a barrel; Beaulieu's Globe White Tipped Forcing (½ pink, ½ white) new radish; White Tipped Scarlet turnip; Beet, Detroit, Crosby; long smooth parsley, large rooted, extra; Spinach, Savoy, Viroday, Triumph, etc.; Endive, Curled and Escarolle. All this has been selected by myself and is the quality as used by the market gardeners of Paris. Send for prices.

BEAULIEU.

Woodhaven, Borough of Queens, New York.

Mention The Review when you write.



Watch for our Trade Mark stamped on every brick of Lambert's

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

P. C. Trade Mark. **American Spawn Co., St. Paul, Minn.**

Mention The Review when you write.

Pile the manure in place, making it deep enough so it will be eighteen inches in depth when tramped down solidly. Some make the depth fully two feet. If everything is right, the manure will heat violently in a short time and then will gradually cool a little. Do not put anything in except the soil for a few days. When you do put in the plants, watch them closely in the daytime. Admit a little air at the side protected from the wind, and look out that the plants do not dry out or run too hot and burn.

I like to transplant the tomatoes, eggplants, peppers, etc., into flats and set the flats in the frame, but they can be planted right in the soil and will do well. Coleus, verbenas, alternantheras, etc., in small pots, plunged deep in the soil, will do wonderfully well—better than anywhere else, if proper attention is given to them.

Sweet potatoes should be laid in very

Studebaker

DELIVERY WAGONS

Are Made in Many Styles Particularly Adapted to Your Business.

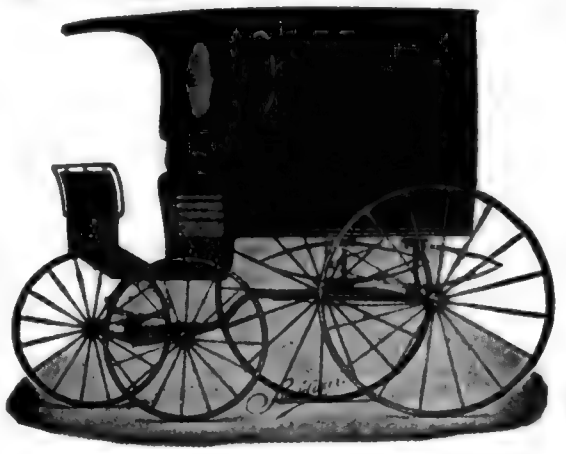
Our catalogues and prices will interest you and help you make your selection.

DO YOU WANT THEM?

THE STUDEBAKER CORPORATION

SOUTH BEND, IND.

Advr. No. 1514.



Mention The Review when you write.

Special to the Trade

We make a specialty of growing all kinds of Vegetable Plants for the Seed and Plant Trade, including the best varieties of Forcing Tomatoes, Asparagus, Cauliflower, Egg Plants, Peppers, Parsley, Lettuce, Cabbage, etc. Special prices made on large orders for spring delivery. Let us know your wants.

We have a fine lot of Tomato Plants, transplanted and potted: Comet, Lorillard, Bonny Best, Sutton's A-1, Sutton's Abundance and Winter Beauty, also Extra Early Erfurt and Snowball Cauliflower.

Cash required with orders from unknown correspondents

Fox-Hall Farm, R. F. D. No. 2, **Norfolk, Va.**

Always mention the Florists' Review when writing advertisers.

sandy soil, as close together as they can be without touching one another. Then fill in between them with very sandy soil and put an inch of the same sort of soil on top. When the plants are large enough to sell, pull them by holding the potato down with one hand. The potatoes will keep on making plants for months from the same eyes. Wrap the plants up in bunches, with moss and paper. H. G.

WASHINGTON.

The Market.

The market is peculiar, with a glut of some flowers and a great scarcity of others. The cold weather accounts in part for both. There was never such an oversupply of orchids as has existed for several days. This is especially true of cattleyas. A number of them were sold for only 15 cents apiece a day or two ago. This condition is regarded as remarkable, in view of the fact that this is the height of the social season in Washington, when the rarer varieties of flowers are used in considerable quantities.

Daffodils are also overplentiful and quite cheap, selling at around $2 per hundred. However, things are expected to improve, since the latest cold snap is reducing the supply of various other flowers. Valley and sweet peas are among the other flowers the supply of which exceeds the demand. Narcissi and Roman hyacinths are abundant. The range of prices has been between $1 and $4 per hundred. Roses are rather scarce. Pussy willows have made their appearance and lend a touch of spring to the windows, which are coated with frost.

Various Notes.

The Imperial theater closed its doors February 4. Among its chief stockholders was F. H. Kramer, who did much to promote the company. George H. Cooke and several other florists are said to be financially interested. There were rumors that the company had failed, but these are denied by Mr. Kramer. He announces that the theater has been leased for ten years on advantageous terms.

One of the largest decoration contracts for several years was carried out by J. H. Small & Sons at a reception given by Mr. and Mrs. Edward B. McLean February 1. Besides quantities of roses, palms and other plants, orchids were used in profusion, especially at the supper table.

Another large decoration, by Gude Bros. Co., was at the reception given by Mrs. Rogers at Rauscher's the other night. The job included a Japanese pagoda forty feet long, covered with roses; also many baskets and flowers for fifty small tables.

Several Washington florists donated decorations for the Southern Relief Society charity ball at the Willard hotel this week. The affair created considerable demand for corsages.

The Washington Florists Co. advertises its removal from Thirteenth and F streets to 1408 H street about June 1. This will make this firm a neighboring competitor of Small, Blackistone, Marche and Shaffer.

Marche recently prepared a magnificent basket of orchids, all in water, as a gift from a foreign embassy to Mrs. Taft. This week Mr. Marche has a big decoration on hand at the Chevy Chase Country Club.

The Washington Florists' Club held its regular monthly meeting February 6, when a paper on insects injurious to flowers was read and humorous Italian recitations were given.

Trade visitors here during the week included A. R. Jones, of Pennock-Meehan Co., and Sidney Bayersdorfer, both of Philadelphia. H. C. H.

Logan, O.—Anthony Toerner has purchased the business of I. Voris & Son, on South Mulberry street.

Muncy, Pa.—Harry E. Mills, formerly a grower of asters and gladioli, has sold his stock and left the business.

Want and For Sale Department

☞ Advertisements under this head **10 cents per line**, cash with order from all who do not do other advertising. In sending remittance count seven words to the line.

Display advertisements in this department **$1.30** for one inch space.

When answers are to be sent in our care, add 10 cents for forwarding.

Plant advertisements not admitted under this head.

SITUATION WANTED—As gardener on private place; grower of first-class stock and fruit; also grounds; married; state particulars and wages. Address No. 96, care Florists' Review, Chicago.

SITUATION WANTED—By No. 1 gardener, farmer and florist as working manager on gentleman's estate; also good at care of stock and poultry; 25 years' experience; small family; good reference; American. Box 25, Clifton Forge, Va.

SITUATION WANTED—Working foreman, thorough and competent grower of cut flowers, choice pot plants and bulbous stock; rose-growing (teas and Beauties) a specialty; German; state wages. Address No. 103, care Florists' Review, Chicago.

SITUATION WANTED—As working foreman, private or commercial; in east preferred; A-1 grower of roses, carnations, mums and general line; good wages expected; state particulars in first letter. Address No. 106, care Florists' Review, Chicago.

SITUATION WANTED—Competent, all-round florist, well recommended, American and European experience in cut flowers, plants, vegetable forcing, design work; age 28; responsible position; west preferred. Address No. 93, care Florists' Review, Chicago.

SITUATION WANTED—With a grower of sweet peas, asters, dahlias, etc., the coming summer, by an unmarried man, to learn the business; could invest a small amount; do not use liquor or tobacco; references given. Wm. D. Henkel, La Park, Lancaster County, Pennsylvania.

SITUATION WANTED—As working foreman by young man, 29 years, single, sober, hustler; 15 years' experience in roses, carnations, mums, bedding and pot plants; east or middle west preferred; state wages. Address B., care W. Lefeber, 177 Beacon Ave., New Haven, Conn.

SITUATION WANTED—By gardener, private place preferred; 12 years' experience under glass and outside in Great Britain, 9 months commercial in U. S.; understands all branches of gardening; married, no family; sober; best references. Address No. 90, care Florists' Review, Chicago.

SITUATION WANTED—By married man as manager of greenhouse establishment for party wishing retirement from active business, good store man and first-class designer; can get the business; have not the liquor or tobacco habits; reference. Address No. 100, care Florists' Review, Chicago.

SITUATION WANTED—By gardener, German, single, age 36, on private estate; thoroughly experienced in greenhouses, plants, cut flowers, forcing of fruits and vegetables, kitchen and herbaceous gardens, care of grounds; east preferred. Henry Bauer, 601 Randolph St., Meadville, Pa.

SITUATION WANTED—By first-class gardener, Scotch, married, age 34, on private estate; 14 years' practical experience in Scotland, 6 years in this country; capable of laying out and keeping up first-class place, and can manage men to the best advantage; am sober, honest and industrious; first-class references; state full particulars and salary in first letter. Address No. 96, care Florists' Review, Chicago.

SITUATION WANTED—A landscape gardener, floriculturist, vegetable, fruit and nursery stock grower, good propagator of flowers and nursery stock, grafting, bedding, also designing; can draw plans and lay out grounds; open for engagement; either private or as working foreman with a landscape nursery or floriculture establishment; not afraid of work. Address M. L., 934-A Hamilton Ave., St. Louis, Mo.

SITUATION WANTED—Florist; experience with only first-class trade. Address No. 94, care Florists' Review, Chicago.

SITUATION WANTED—Young lady with 2 years' experience in retail flower store; best of references. Address No. 92, care Florists' Review, Chicago.

SITUATION WANTED—By young man, Norwegian, 7 years' experience; private place preferred. Harold Grue, care of Howards' Greenhouses, Woburn, Mass.

SITUATION WANTED—First-class grower roses, carnations, bedding stock, etc.; 13 years' experience, sober and reliable; references. Florist, 3719 Page Blvd., St. Louis, Mo.

SITUATION WANTED—By competent rose grower; single, 31 years old; can furnish references; state wages and particulars. Address No. 72, care Florists' Review, Chicago.

SITUATION WANTED—By single man, 23 years old, as gardener on private place, or under a gardener; state wages; east preferred. Address No. 105, care Florists' Review, Chicago.

SITUATION WANTED—By a young married man, designer and decorator, also grower of cut flowers and general stock; Chicago preferred. Address No. 95, care Florists' Review, Chicago.

SITUATION WANTED—Florist, 25 years' experience, grower of roses, carnations, mums, bulbs, plants; designer, decorator; good wages; best references. Florist, 275 Magnolia St., Detroit, Mich.

SITUATION WANTED—Young man, age 23, with considerable experience desires employment as assistant florist and gardener; best of references. Address No. 69, care Florists' Review, Chicago.

SITUATION WANTED—As grower of first-class pot and bedding plants; 12 years' experience; able to take charge; please state particulars in first letter. Address No. 101, care Florists' Review, Chicago.

SITUATION WANTED—By practical all-round grower of cut flowers and bedding plants for retail trade; sober, honest, willing worker; can come at once. Address No. 74, care Florists' Review, Chicago.

SITUATION WANTED—By young man, 19 years old, with 4 years' experience in general greenhouse work; highest references. Address Leslie W. Trask, care C. L. Corbin, Florist, Barnesville, Ohio.

SITUATION WANTED—By orchid grower, life experience, to take entire charge of private or commercial place; highest references; recommended by Carrillo & Baldwin. Address No. 104, care Florists' Review, Chicago.

SITUATION WANTED—By a young helper, 19 years of age, with about 1 year's experience; prefer a bigger commercial place, for gaining experience in mixed stock. Address No. 87, care Florists' Review, Chicago.

SITUATION WANTED—As head gardener and florist on a private place; life experience in all branches of the profession; age 34, English, 5 years in present situation. Address No. 97, care Florists' Review, Chicago.

SITUATION WANTED—As working foreman; competent grower of roses, carnations, mums and general all-round stock; German, single, age 36; life experience; A-1 reference. Address J. L., 909 Jessamine St., St. Paul, Minn.

SITUATION WANTED—By competent grower of general stock; single, German, age 26; best of references as to character and ability from American and European firms. Address H., care Seed Store, 119 North 16th St., Omaha, Neb.

SITUATION WANTED—Lady wishes to communicate with an employer of advanced ideas who will give her the privilege of boarding his employees; good cook, splendid manager. Address No. 102, care Florists' Review, Chicago.

SITUATION WANTED—By sober young man, 26, experienced in roses, carnations, general line of cut flowers and plants; can take charge of section; northwest preferred; state wages. Address No. 70, care Florists' Review, Chicago.

SITUATION WANTED—As professional gardener on private place; German, 30 years' experience, married, thoroughly competent in all branches of gardening and greenhouse work; hard worker and reliable; best references; middle west preferred. Address No. 99, care Florists' Review, Chicago.

HELP WANTED—Working foreman for nursery and landscape work; must be able to handle first-class city work and take charge of men; only man with nursery experience need apply; reference required; single man preferred. Address Hillside Hardy Flower Gardens, Turtle Creek, Pa.

HELP WANTED—A thorough, competent working gardener to take charge of private greenhouse and outside work on suburban place in Grand Rapids, Michigan; married man preferred; give experience, nationality and age; first-class references required. Address No. 79, care Florists' Review, Chicago.

HELP WANTED—Will have an opening about March 15th for a good all-round greenhouse man, especially good on mums and bedding plants, one that can help in a store if required; no drinker; state wages wanted with board and room, where last employed and how long; steady job to the right man; near Chicago. Address No. 77, care Florists' Review, Chicago.

HELP WANTED—Experienced carnation grower to work under foreman; wages $12.00 per week. Warrick Bros., Washington, Pa.

HELP WANTED—A rose grower who knows something about grafting; state wages expected. Address United States Cut Flower Co., Elmira, N. Y.

HELP WANTED—A good reliable man for store, who has had experience in growing pot plants for Easter and Christmas trade. Address Rawson The Florist, Elmira, N. Y.

HELP WANTED—Foreman for our nursery; we want a No. 1 man; a man that can pack, propagate, plant, grow and handle men; good wages for a good man. The Newburys, Mitchell, S. D.

HELP WANTED—First-class grower, also a designer, on salary, to invest $1,000 to $3,000 each; finest new paying proposition in the southwest; references exchanged. Address No. 66, care Florists' Review, Chicago.

HELP WANTED—Young man who has had 2 or 3 years' experience on commercial place where pot plant growing is a specialty; give references and state age and wages wanted. Miller Floral Co., Farmington, Utah.

HELP WANTED—At once; good, reliable young man for retail place; must be a good grower, of good character and habits and a hustler; give references and state wages wanted in first letter. Address No. 80, care Florists' Review, Chicago.

HELP WANTED—Landscape gardener with necessary experience; also a florist, experienced in bedding stock; state wages received and expected, experience, reference, age and nationality. H. F. Baker, 4629 Lake Harriet Blvd., Minneapolis, Minn.

HELP WANTED—A first-class rose grower for section; must be up-to-date, married, American, strictly temperate; good, steady place for man meeting these requirements; full particulars in first letter; also how long employed on last place. C. H. Frey, Lincoln, Neb.

HELP WANTED—Bright, wide-awake young man, with several years' experience, for retail seed department; reply in own handwriting, giving references and full information regarding previous experience, also stating salary expected. Currie Bros. Co., Milwaukee, Wis.

FOR RENT—Or sale cheap, 21 acres level land, new dwelling, barn, hen house, two greenhouses (stocked); fine water; no florist within 50 miles; 2½ miles from city of 7000. Box 25, Clifton Forge, Va.

FOR SALE OR LEASE—Greenhouses and residence, 2 acres of ground, 5000 ft. of glass; independent water system; hot water heat; southwest center of Illinois; a bargain; terms reasonable. Address No. 23, care Florists' Review, Chicago.

FOR SALE—Well established florist business in a city of 75,000, 3 acres of land, hot water heat, well stocked with bedding plants, roses and carnations; store in connection; would sell ⅓ or ⅙ interest; if interested write for full particulars. James C. Murray, Peoria, Ill.

FOR SALE—A good live business and stock in an up-to-date, lively factory town of 6000; will lease modern residence, greenhouses and land for a term of years; only those who mean business need to reply; southern Michigan. Address No. 76, care Florists' Review, Chicago.

FOR SALE—Will sell my place or sell stock and rent for a term of years; reason for selling, death in family; established 25 years; four large lots; easy terms; buyer will step into a good paying business. Address W. A. Reinholdt, 605 Main St., Petaluma, Sonoma County, California.

FOR SALE—The long established florist business of John E. Haines, Bethlehem, Pa., recently deceased; 24,000 feet of glass; the business is now successfully and profitably conducted by his executor, but must be sold to carry out the provisions of his will. L. F. Leibfried, Executor, Estate of John E. Haines, dec., Bethlehem, Pa.

FOR SALE—Second-hand pipe; a fine lot of 2-inch pipe, guaranteed sound; write us for prices. Baur Gas Co., Eaton, Indiana.

FOR SALE—My Seedling Transplanter; with it you can set in 5000 plants per day; send for circular. Albert A. Sawyer, Forest Park, Ill.

FOR SALE—Retail florist store, stock and fixtures; bargain if bought at once; other business. Celia, 2100 Columbia Ave., Philadelphia, Pa.

FOR SALE—Kroeschell boiler and 1,500 feet 4-inch C. I. pipe, in good condition; it will pay you to investigate. Wm. E. F. Weber, Sault Ste. Marie, Mich.

FOR SALE—Seven thousand feet of glass, well stocked; good dwelling; my price is right if you mean business. Mrs. May Bradley, Elwood, Indiana.

FOR SALE—Detroit engine complete, 2½ H. P., as good as new; cost $51.00; used two months; $35.00 cash takes it. Roscoe Floral Co., Roscoe, Ill.

FOR SALE—Two cylinder touring car, can be used for trucking; good condition; will sell reasonably, or will exchange for orchids. E. L. N., 180 Wheeler Ave., Providence, R. I.

FOR SALE—The prominent and good paying retail florist business of Otto Hiersekorn, St. Paul, Minn., established and doing very desirable business for 24 years; wish to retire.

FOR SALE—A white enamel florist's ice box, 6 feet high, 6 feet wide, 2½ feet deep, equal to new, our make; $75.00 f. o. b. St. Louis. Address The Brecht Co., St. Louis, Mo.

FOR SALE—Two Furman sectional hot water boilers, Nos. 307 and 4008-A; eight Hitchings ventilating machines, complete, suitable for small houses; cheap for cash. Haentze Co., Fond du Lac, Wis.

FOR SALE—A leading and well established retail florist store in Philadelphia; excellent opportunity; good reasons for selling; price reasonable. Address No. 86, care Florists' Review, Chicago.

FOR SALE—4500 ft. of glass and residence, in town of 5000; no competition within 75 miles; 22 agents; $4500 last year; could use 12,000 ft.; health demands lower altitude; would trade; climate same as Denver, Colo. Address No. 64, care Florists' Review, Chicago.

FOR SALE—A fully stocked and equipped growing establishment in a city of 25,000 in central Ohio; 15 houses, 12 built in 1906; if you want a good paying range of houses reasonable, it will pay you to investigate. Address No. 44, care Florists' Review, Chicago.

IF IN NEED OF FARM HELP, SUCH AS HERDSMEN, GARDENERS, POULTRYMEN AND DAIRYMEN, APPLY TO HENRY WILLIAM GELLER, SUPERINTENDENT, BARON DE HIRSCH AGRICULTURAL SCHOOL, WOODBINE, N. J.

Situation Wanted

By good grower of mums, carnations, roses, bedding plants, nursery stock, etc. No drinker. Over 25 years' experience on first-class wholesale and retail places; several years last place. Can take full charge and make good place pay; good manager. Salary or shares, where good worker is appreciated. Married; references.

E. UBER, care L. H. Wise,
74 Gautier Ave., Jersey City, N. J.

HELP WANTED

Rose and Carnation Grower—Must be first-class man, strictly sober, American or German-American preferred.

Grower of Pot Plants and Bedding Stock—Must understand growing and handling all kinds of bedding and blooming plants. First-class man only need apply. Married man with small family preferred. Men applying for above positions will please give age, salary expected and full particulars, in first letter.

The H. Weber & Sons Co., Oakland, Md.

WANTED

First-class foreman (married man), for general retail place where plants and cut flowers are grown; one that can handle the trade and knows something about landscape work. No drinking man wanted.

J. J. LeBORIOUS, -:- Duluth, Minn.

HELP WANTED

Experienced Retail Seed Clerks
Male or female. Written application.
State experience and salary.

THE W. W. BARNARD CO.,
231-235 W. Madison Street, CHICAGO

Cash for Your Property or Business. I bring **buyer** and **seller** together, no matter where located. If you want to buy or sell, address FRANK P. CLEVELAND, 2780 Adams Express Building, Chicago, Ill.

Here's a Chance

15,000 square feet of modern glass for sale, built four years, two acres of land. Fastest-growing town in eastern Pennsylvania. Stocked with carnations and sweet peas. Sell 50,000 vegetable plants in spring. Within 18 miles of five large cities. Will sell cheap.

Address No. 68, care Florists' Review, Chicago

FOR SALE

Two Burnham Hot Water Boilers

One No. 636, 6-section Burnham, listed at $740.00, will sell for $200.00. One No. 639, 9-section Burnham, listed at $1045.00, will sell for $350.00. Have been used only one year—just as good as new. This is a snap.

Hoskins Floral Co., Bismarck, N. Dak.

FOR SALE
TO CLOSE AN ESTATE

The property known as **THE NAGEL GREENHOUSES**, Minneapolis, Minn. For prices, description, etc., address

GEO. E. WARDEN
3008 Dupont Ave., So., Minneapolis, Minn.

For Sale--A Bargain

¶ On account of loss by fire of our shipping shed and stock, we will sell at a bargain our greenhouse property, consisting of eight houses, 25 x 100 feet, piped for hot water, new boilers, house, barn, two corn cribs, and five acres of land.

¶ Additional land can be secured if desired. Liberal terms.

Mosbaek Greenhouse Co.
ONARGA, ILLINOIS

¶ WANTED—WORKING FOREMAN, competent to take full charge of our houses. Married man, middle-aged, preferred. Don't apply if you cannot do the work.

¶ ALSO CARNATION GROWER, to take charge of section.

J. C. RENNISON CO., SIOUX CITY, IOWA

Eight Pages of Retailers' Cards

This department for the cards of Leading Retail Florists — those florists who have the facilities for filling the orders sent them by other florists — has made possible the recent rapid development of this branch of the business, a branch of the trade now established for all time and so helpful that its volume will keep on increasing for many years.

Are you sending and receiving your share of these orders? You can send your share (and make 20 per cent profit without effort) if you let your customers know you can perform this service for them. To receive your share—well, The Review's department for Retailers' cards remains the one way of getting prompt action on the order in hand.

To be represented costs only 70 cents per week on a yearly order. This is for one-inch space. Other spaces in proportion.

Why not send your order today—**now**—before you forget it?

J. A. VALENTINE, Denver, Pres. W. J. PALMER, Buffalo, Vice-Pres. W. L. ROCK, Kansas City, Treas.

Other Directors: Ernst Wienhoeber, Philip Breitmeyer, A. B. Cartledge, W. F. Gude, George Asmus, Fred H. Meinhardt.

Mutual Discounts 20 per cent. Provision for guaranteed accounts

Florists' Telegraph Delivery

(RETAILERS' SECTION—S. A. F. & O. H.)

Write for particulars to IRWIN BERTERMANN, Secretary, 241 Massachusetts Avenue, Indianapolis, Ind.

CHICAGO Send Your Orders to.. William J. **SMYTH**

Member Florists' Telegraph Delivery Association. Michigan Ave., at 31st St.

New Orleans,

LOUISIANA

Yours for Quality and Promptness.

30 Years of Success.

THE AVENUE FLORAL CO.

3442 St. Charles Ave.

W. J. Palmer & Son

304 Main St., BUFFALO, N. Y.

Members Florists' Telegraph Ass'n

The Park Floral Co.

J. A. VALENTINE, Pres.

Member Florists' Telegraph Delivery.

DENVER, - COLORADO

JOHN BREITMEYER'S SONS

Corner Broadway and Gratiot Ave.,

DETROIT. MICH.

Special care taken with telegraph orders for

DETROIT AND VICINITY

L. Bemb Floral Co., Albert Pochelon, Prop., 153 Bates St

J. F. WILCOX & SONS, 521 Broadway, Council Bluffs, Iowa.

Wholesale and Retail

Largest Greenhouse Establishment West of Chicago.

Orders delivered anywhere, including Iowa, Nebraska, North Dakota and South Dakota. Free deliveries to Omaha.

BOSTON.

The Market.

Conditions in the cut flower trade are on the whole satisfactory. We are getting steady winter weather, and sales are never particularly brisk when the temperatures hover around the zero mark. January was not a bad month; it might have been better, but was ahead of a year ago. Roses are off crop with all the growers and continue to realize excellent prices. Even short-stemmed stock has been making $5 to $6 per hundred. White varieties have gone more slowly than the colored ones. Beauties are quite scarce and bringing fancy figures. Richmonds are also in short supply. Killarneys are, of course, the leading roses, and the demand for them exceeds all others combined. The yellows continue in active demand, Ward being seen in the greatest numbers, but Hillingdon will be much in evidence a year hence.

Carnations of good quality are easily moved, but there is a surplus of the other grades, prices dropping as low as $1 per hundred in some cases. It is noted that White Enchantress is the leading white, and many doubt if White Wonder will displace it. Pink Delight is the most popular variety on the market, but the old Enchantress from some growers is fine. Violets are not overplentiful; they are opening slowly. Sweet peas are seen in unusual numbers

BOSTON, MASS.

Penn The Florist

"Penn, The Telegraph Florist"

Members of Florists' Telegraph Delivery Association.

37-43 BROMFIELD STREET

CARBONE, 342 Boylston St.,

BOSTON

Member Florists' Telegraph Delivery Association

Your orders for ATLANTIC CITY, N. J., will be carefully filled by

George H. Berke

1505 Pacific Ave.

Member Florists' Telegraph Delivery.

VASSAR COLLEGE

The Saltford Flower Shop, Poughkeepsie, N. Y.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

LOUISVILLE, KENTUCKY

JACOB SCHULZ, Flower Shop, 550 South Fourth Avenue, Greenhouses, 831 Cherokee Road.

Personal attention given to out-of-town orders for Louisville and surrounding territory. Member Florists' Telegraph Delivery

DARDS, N. E. Cor. 44th Street and Madison Avenue, Telephones 4025-4026, 38th Street, NEW YORK

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union — Member Florists' Telegraph Delivery. — Established 1874

Coombs LEADING FLORIST Hartford, Conn.

Orders solicited for all parts of Connecticut.

Indianapolis, Ind.

341 Massachusetts Ave.

Bertermann Bros. Co.

LEADING FLORISTS

Members Florists' Telegraph Delivery Ass'n.

Samuel Murray

KANSAS CITY, MO.

913 Grand Ave.

All Orders given Prompt and Careful Attention

Member of the Florists' Telegraph Delivery.

Mankato, Minn.

The Windmiller Co.

Will fill orders for Minnesota and the Dakotas.

Member Florists' Telegraph Delivery.

Newark, Ohio

CHAS. A. DUERR, The Arcade Florist

Auto. Phone 1840

Greenhouses, Granville, Ohio—Phone 26

Member Florists' Telegraph Delivery

GALESBURG, ILL.

I. L. PILLSBURY—For Central Ill.

Member Florists' Telegraph Delivery Association.

KALAMAZOO, MICH.

G. Van Bochove & Bro., The Leading Florists

NEW JERSEY

EDWARD SCEERY—PATERSON and PASSAIC

Member Florists' Telegraph Delivery Association.

MRS. J. B. FREEMAN, LEADING FLORIST, Successor to Geo. A. Heinl **Toledo, Ohio**

All Orders Promptly Executed.

Rock's Flowers Kansas City

Wm. L. Rock Flower Co.

KANSAS CITY, MO.

1116 Walnut Street

Members Florists' Telegraph Delivery

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Colorado Springs, Colo.

Frank F. Crump Wholesale and Retail Florist

Members Florists' Telegraph Delivery.

and of grand quality. Prices on these are much lower. Pansies are fewer in number, but there is a good lot of such flowers as calendulas, marguerites, forget-me-nots, dimorphothecas and lupines.

Mignonette continues good, also antirrhinum. Some stocks are seen, but there is little call for them. There is a better supply of lilies, the Formosa being particularly good. Callas are good. Those having the Godfrey variety find a ready sale for them. Golden Spur narcissi continue in oversupply. There is also a heavy lot of Princeps, double Von Sion, Victoria and Emperor. Tulips are numerous, but La Reine and Thomas Moore are the favorites in a cut state. Valley is now all from new season's crop and is generally of good quality. Of gardenias there is an ample local supply, more than can be cleaned out. Cattleya Trianæ continues overabundant. There is quite a variety of other orchids now obtainable. Asparagus, both plumosus and Sprengeri, is selling well.

Plants are in better demand. A fine variety now is offered, including acacias, ericas, azaleas, boronias, cyclamens, Azalea mollis, lilacs, double cherries, metrosideros, bulbous plants in variety, and gardenias.

The Midwinter Exhibition.

Severe weather on the dates of the annual midwinter show cut it down sharply, but nevertheless there were some excellent exhibits. The most notable absentees were the rose men. They never make much of a display at the Boston shows, but on this occasion, with a good number of classes all carrying excellent money prizes, not a solitary exhibit was forthcoming. It is true, roses were in rather short crop,

Tonseth Floral Co.

325 Morrison Street

GROWERS AND RETAILERS

Portland, Ore.

Seattle, Washington

Hollywood Gardens

1534 SECOND AVENUE

MEMBERS FLORISTS' TELEGRAPH DELIVERY

ST. PAUL, MINN.

The Largest Store in America.

Members Florists' Telegraph Delivery.

The finest and largest stock west of Chicago.

Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

GUDE BROS. CO. FLORISTS 1214 F ST. NW WASHINGTON, D.C.

WASHINGTON, D. C.

GUDE'S

Member Florists' Telegraph Delivery.

Rockford, Ill., H. W. Buckbee

CLARK, FLORIST, SCRANTON, PA. 124 Washington Ave.

Member Florists' Telegraph Delivery. Orders for Northeastern Pennsylvania filled promptly. Usual discount. Both Phones No. 2454.

TERRE HAUTE, IND.

JOHN G. HEINL & SON 129 South 7th Street

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Established 1859.

A. Wiegand & Sons

Florists and Decorators

1610 to 1620 N. Illinois St., Indianapolis, Ind.

Indiana's oldest, largest and most complete retail establishment.

Cable and Telegraph, Franzen. Phone Rav. 2876

CHICAGO

FRANZEN

1476-78 SUMMERDALE AVE.

TRENTON, N. J.

MARTIN C. RIBSAM

THE FLORIST

Messenger delivery to Princeton, New Brunswick, Bordentown, Hightstown, Lawrenceville and Lambertville, N. J.

Send You **PHILADELPHIA** Orders to...

CHARLES HENRY FOX

BROAD AND WALNUT STREETS

Always on time

KENOSHA, WIS.

and all points between

CHICAGO AND MILWAUKEE

Mail, wire or phone your orders to

P. N. OBERTIN, 567 Chicago St., KENOSHA, WIS.

The Fernery **SCHULTHEIS, FLORIST**

Write, Phone or Wire 612 Linden St., SCRANTON, PA

S. B. STEWART

119 No. 16th St., OMAHA, NEB.

Wholesale and retail orders for CUT FLOWERS, FUNERAL DESIGNS, etc. by telegraph will receive prompt attention at

IRA G. MARVIN'S, Wilkes-Barre, Pa.

Benson's Flowers

Indianapolis, Ind. DELIVERED ANYWHERE

R. Strohmeier, Aberdeen, S.D.

Prompt Attention Given to Out-of-town Orders

Orders for **Charleston, W. Va.** are given prompt and careful attention by the

CHARLESTON CUT FLOWER AND PLANT CO.

Brockman's Flower Shop **Fort Smith, Ark.**

Leading florists in fastest growing city in the southwest.

Archias Floral Co. SEDALIA, MISSOURI

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

A Card This Size

Costs Only 70c per Week on Yearly Order

It would keep your name and your facilities before the whole trade.

A half-inch card costs only 35c per week on yearly order.

but the lowest prizes offered were equal to the market value of the flowers called for.

The carnation men, as usual, made a nice showing. For fifty assorted blooms S. J. Goddard led, followed by C. S. Strout. M. Sullivan won in the private gardeners' class for a mixed vase, also for twenty-five red and twenty-five light pink. C. S. Strout was first for fifty white, with White Wonder; S. J. Goddard second and third, with White Wonder and White Perfection. For fifty red, S. J. Goddard took first; A. A. Pembroke second, and James Wheeler third, all with Beacon. For light pink, S. J. Goddard won first with Pink Delight; C. S. Strout second, and S. J. Goddard third, with Gloriosa. Mr. Goddard was first for crimson with Fenn, for dark pink with Loris, and for yellow with a fine vase of Golden Ray. A. A. Pembroke had a handsome vase of his new light pink, Beverly, something in the way of Pink Delight but with larger flowers. F. J. Dolansky had fine vases of Beacon, White Enchantress and Pink Delight, in addition to splendid gardenias, also a nice lot of Cattleya Trianæ, one being almost pure white.

H. Huebner had a collection of antirrhinums of a new purely winter flowering race. The flowers were closely carried on the spikes, which were in the main distinct from the varieties commonly seen. W. S. Russell had a display of cut orchids and Harry Cole, gardener to Mrs. Oliver Ames, one of the finest vases of Euphorbia jacquiniæflora seen here in years.

For six Primula Kewensis Daniel Whyte, gardener to Winthrop Ames, was first, followed by Alex. McKay, gardener to E. A. Clark. For six Primula Sinensis M. Sullivan, gardener to Wm. Whitman, was first, followed by Joshua Lawson, gardener to E. J. Mitton. For six Primula stellata Mr. Sullivan was first, followed by Wm. Thatcher, gardener to Mrs. J. L. Gardner. For six Primula obconica Mr. Sullivan was first, Mr. McKay second, and Mr. Whyte third. For three azaleas Mr. Sullivan was first, and he also was first and second for two palms, first for six freesia and first for six Roman hyacinths. For three cyclamens Mr. Lawson was first and Wm. Thatcher second. The latter led for six polyanthus narcissi and was second for freesias and Roman hyacinths. Mr. Sullivan had a fine display of primulas in addition to those in the competitive classes. Alexander McKay was first for six Lorraine begonias, grand plants, which also won him a cultural certificate. Wm. Thatcher had some fine cactus flowering cinerarias, Mrs. E. M. Gill her usual interesting general display, and Knight & Struck a table of well grown Erica codonodes Veitchii, awarded honorable mention.

Los Angeles, Cal.

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C. J. MULLER, Proprietor

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The center of Texas.
Send us your Orders for Cut Flowers.

Orders for
BIRMINGHAM, ALA.
Well taken care of by
AMZI GODDEN SEED CO.
Established 1857.
Facilities for supplying everything in the line of CUT FLOWERS AND DESIGNS

BUFFALO
S. A. ANDERSON
440 MAIN STREET
Special Deliveries Niagara Falls and Lockport

Write, Wire or Phone your orders to
YOUNG'S
1406 Olive St., ST. LOUIS, MO.
Regular discount allowed on all orders, either Plants or Cut Flowers.
Phones: Bell, Main 2306; Kinloch, Central 4981

SAN FRANCISCO
Podesta & Baldocchi
224 Grant Avenue
Prompt and careful attention to orders from out-of-town florists

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Will fill your orders for Designs or Cut Flowers in Northern Ohio.

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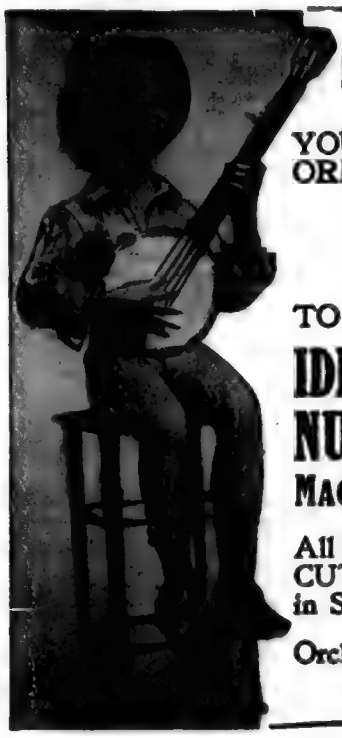
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Daily deliveries to Notre Dame University and St. Mary's Academy

MADISON, WIS.
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Best Shipping Service for Wisconsin

All orders receive prompt and personal attention.
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Dobbs & Son, Wholesale and Retail Florists, Auburn, N.Y.



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DIXIE LAND
TO
IDLE HOUR NURSERIES
MACON, GEORGIA
All Choice CUT FLOWERS in Season
Orchids and Valley a specialty

VERMONT'S FLORIST
W. E. PETERS
137 St. Paul Street, BURLINGTON, VT.

Various Notes.

Patten & Co., of Tewksbury, have a fine new crimson carnation of large size which they have named Dagmar. They are growing White Wonder, White Enchantress, White Perfection and Genevieve in whites. The latter received a silver medal at the Boston national show. They have some Dorothy Gordon, but will drop it. Beacon, Pink Delight and Gloriosa are all favorites with them. Benora will be grown in quantity next season.

James Wheeler says that May Day gives him more flowers than any other carnation, and opens quickly. He has good success with Beacon, White Enchantress, White Wonder, Enchantress, Pink Delight and White Perfection. He will plant 2,500 Benora next season. Princess Charming is also doing well. He has a fine second crop of antirrhinums coming in, and reports a great call for rooted cuttings.

A. A. Pembroke, of Beverly, reports a heavy sale for rooted cuttings of carnations, Pink Delight being in special demand. His carnations are all in solid beds, which he finds gives him many more cuttings than plants in raised benches. His new variety, Beverly, looks like a winner. Mr. Pembroke is now picking an average of 10,000 fine sweet peas daily, which go to the Flower Growers' Sales Co.

Jahn Bros., of East Bridgewater, have excellent Pink Delight and Beacon carnations, also fine mignonette and Freesia Purity.

Frank P. Putnam, among his high grade carnations, has superb Alma Ward and White Wonder. He is sending in a fine lot of the pretty Dimorphotheca aurantiaca just now.

J. Leach & Son, of North Easton, have 6,000 plants of their new light pink carnation, Pink Supreme. Some are in raised benches, and are much

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Orders for Philadelphia and surrounding country carefully filled on short notice.

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838 Canal St. NEW ORLEANS, LA.

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Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

Prompt and personal attention given all orders.
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The Smith & Fetters Co.
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735 Euclid Ave., Cleveland

Send Orders for
Washington, D.C.
and vicinity to
Blackistone
Everything First-Class
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WILSON DELIVERS EVERYWHERE
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Deliveries made to Harvard and Radcliffe Colleges and all outgoing Boston steamers.

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PIKES PEAK FLORAL CO.
Wholesale and Retail

The Livingston Seed Co.
FLORISTS
COVER ALL OHIO POINTS
114 N. High Street, COLUMBUS, OHIO

A Card This Size
Costs Only 70c per Week on Yearly Order
It would keep your name and your facilities before the whole trade.
A half-inch card costs only 35c per week on yearly order.

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The Texas Seed & Floral Company
Orders for cut flowers and designs solicited for delivery in any part of Texas.

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Growers and Shippers—Wholesale and Retail
Out-of-town orders given special and personal attention. Give us a trial.

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High Grade Cut Flowers and Designing : : : :
All orders entrusted to us for Central Kentucky will have careful attention.

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Will promptly execute all orders in this vicinity.

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Will give prompt attention to all orders for delivery in North Dakota

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Florists and Decorators. Send us your orders.

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CLEVELAND, OHIO
G. M. NAUMANN & SON

superior to those in solid beds. Next season all will be planted in benches. This carnation is of a beautiful shrimp pink color. Other varieties grown are Beacon, Lawson, Winsor, White Enchantress and White Perfection. The last named will be dropped. They have a superb lot of valley, and one small house was found full of freesia, which they find does well in flats containing five inches of soil.

James Nicol, of Quincy, one of our veteran chrysanthemum growers, is recovering from a broken arm, the result of a fall on an icy road.

Welch Bros. are always up to their ears in business when called on, but business so far this year has been the best ever, they say.

W. H. Tomlinson, of Dorchester, through the ever smiling W. H. Carr, one of the few remaining bachelor salesmen at the Boston Flower Exchange, is marketing an excellent grade of white and pink sweet peas, also Enchantress carnations, azaleas and excellent bulb stock in pans.

J. M. Cohen, at the Boston Coöperative Market, has superb wallflowers from W. S. Phelps, of Marlboro. W. T. Walke, of Salem, is sending splendid sweet peas and lilies.

A. F. Coolidge, of Watertown, at the Boston Coöperative Market, is having quite a call for his excellent Nephrolepis Scottii, cyclamens and Primula obconica.

With one notable exception, all of Thomas Pegler's shippers are now sending their supplies to the Flower Growers' Sales Co. Business with the company is good.

Thomas Roland is planting his new house at Revere, 50 x 600, with tomatoes, some 16,000 plants being used. Comet will be the leading sort, with a few Lister's Prolific.

At the next club meeting J. Otto Thilow, of Philadelphia, will deliver one of his famous stereopticon lectures. It will be novelty night and those having new carnations and roses would find this a grand opportunity to show their

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611 Fifth Avenue, Windsor Arcade — **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all the principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Calls: 340 and 341 38th Street — **Cable Address: ALEXCONNELL** — **Western Union Code**

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Largest Floral Establishment in America

Established 1874--Incorporated 1909

We can fill your floral orders day or night for

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Always have complete stock on hand. Regular discount allowed the trade.

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For prompt and particular attention send your orders for Southwestern Wisconsin and Southern Minnesota to

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Also all Los Angeles orders promptly filled.

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155,000 sq. ft. of glass at your service. HELENA, MONTANA

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Telegraphic orders promptly attended to. FREEPORT, ILL.

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Delivered in Albany and vicinity on telegraphic order.
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CLEVELAND

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We ship all points in Ohio. The best of everything in Flowers.

A Card This Size

Costs Only 70c per Week on Yearly Order

It would keep your name and your facilities before the whole trade.

A half-inch card costs only 35c per week on yearly order.

goods. Any packages addressed to W. N. Craig, Horticultural hall, Boston, will be well cared for. At the March meeting George W. Kerr, of Fordhook Farms, Doylestown, Pa., will speak on sweet peas and their culture.

D. F. Roy and wife, of Marion, are enjoying a trip through the West Indies and will visit Panama before their return. W. N. Craig.

CLEVELAND.

The Market.

The market last week has been quite satisfactory, considering the weather. The scarcity of roses continues, but the cut is increasing day by day and much larger shipments of roses are expected this week. Carnations have cleaned up daily at satisfactory prices. Bulbous stock is now plentiful and of extra good quality. Sales have been about equal to receipts.

Valentine's day is expected to be "a little Christmas" and the buyers are placing advance orders on that basis. The prospect is that there will be plenty of stock of all kinds for this day, with the possible exception of roses.

Some fine Freesia Purity is now to be had for high class trade.

Various Notes.

Milford Parks, of Luna Park fame, is passing around the smokes. It's a girl and Pete Nichols, who operates the Superior Arcade flower stand, says

HUGO H. JAHN

710 Nostrand Avenue,

Tel. No. 1952 Bedford BROOKLYN, N. Y.

Will deliver to Steamships, Theaters, anywhere within 20 miles of New York.

ARTISTIC WORK. PERSONAL ATTENTION.

Special care of your telegraph orders.

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We reach all Florida and South Georgia points.

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South Dakota MINN. 40,000 feet of Commercial Cut Flowers.

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Trade discount allowed.

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Daniels & Fisher.

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In the theater district. Exceptional facilities for delivering flowers on outgoing steamers. Your orders will receive prompt and careful attention. Wire telephone or write us.

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"Up-to-the-minute" Service and Execution.
Every Flower in Season.

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BALTIMORE, MD. And All Southern Points.

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The Minge Floral Co.

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Orders solicited to be delivered anywhere.
Specialist in Cut Flowers and Designs

PEKIN ═══ PEORIA

All orders receive personal attention.

GEO. A. KUHL, Pekin, Ill.

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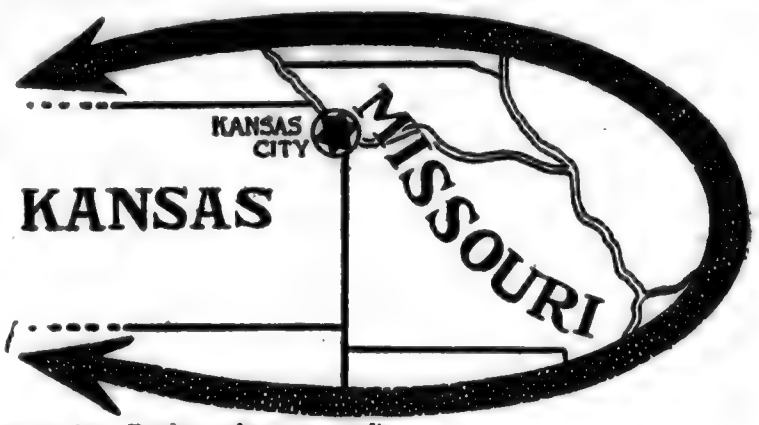
ALPHA FLORAL Co.

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Kansas City, Missouri

The largest Florists in the Central West

A. ELBERFIELD, Proprietor



Mention The Review when you write.

SIOUX CITY, IOWA Supplies western Iowa, southern Minnesota, all of South Dakota, northeastern Nebraska.

J. C. RENNISON CO.

Parks has nothing on him, as Pete's is a boy.

The Jones-Russell Co. had one of the season's largest wedding decorations in the Oglebay-Burton affair January 31.

Visitors last week: John Evans, Richmond, Ind.; Mr. Maynard, of the Garland Co., Des Plaines, Ill.; N. J. Rupp, of the Moninger Co., Chicago. All were here to capture several large contracts for new greenhouses, all to be put up for vegetables. F. A. F.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Oceanic	New York	S'hampton	Feb. 10
Cameronia	New York	Glasgow	Feb. 10
Waldersee	New York	Hamburg	Feb. 10
Coamo	New York	Porto Rico	Feb. 10
P. Irene	New York	Genoa	Feb. 10
Pannonia	Boston	Liverpool	Feb. 13
Kronprinz Wm.	New York	Bremen	Feb. 13
Persia	San Fr'sco	Hongkong	Feb. 13
Tamba Maru	Seattle	Hongkong	Feb. 13
Campania	New York	Liverpool	Feb. 14
Vaderland	New York	Antwerp	Feb. 14
Kaiserin	New York	Egypt	Feb. 14
Baltic	New York	Liverpool	Feb. 15
La Provence	New York	Havre	Feb. 15
Ionian	Boston	Glasgow	Feb. 15
Corsican	St. John	Liverpool	Feb. 16
St. Louis	New York	S'hampton	Feb. 17
Columbia	New York	Glasgow	Feb. 17
Haverford	Philadelphia	Liverpool	Feb. 17
Dominion	Portland	Liverpool	Feb. 17
Ausonia	Portland	London	Feb. 17
Oruba	New York	Cuba	Feb. 17
Carolina	New York	Porto Rico	Feb. 17
Megantic	Boston	Liverpool	Feb. 20
Korea	San Fr'sco	Hongkong	Feb. 20
Hamburg	New York	Genoa	Feb. 20
Caronia	New York	Egypt	Feb. 20
Olympic	New York	S'hampton	Feb. 21
Zeeland	New York	Antwerp	Feb. 21
Marama	Vancouver	Hawaii	Feb. 21
Adriatic	New York	Egypt	Feb. 21
P. Grant	New York	Hamburg	Feb. 22
Espagne	New York	Havre	Feb. 22
E. of Ireland	St. John	Liverpool	Feb. 23
Philadelphia	New York	S'hampton	Feb. 24
California	New York	Glasgow	Feb. 24
Lapland	New York	Antwerp	Feb. 24
G. Washington	New York	Bremen	Feb. 24
Ivernia	Boston	Liverpool	Feb. 27
Sanuki Maru	Seattle	Hongkong	Feb. 27
Lusitania	New York	Liverpool	Feb. 28
Shinyo Maru	San Fr'sco	Hongkong	Feb. 28
Celtic	New York	Liverpool	Feb. 29
Pennsylvania	New York	Hamburg	Feb. 29
La Touraine	New York	Havre	Feb. 29
Caledonia	New York	Glasgow	Mar. 2
Merion	Philadelphia	Liverpool	Mar. 2
Orotava	New York	Cuba	Mar. 2
Berlin	New York	Genoa	Mar. 2
Carmania	New York	Egypt	Mar. 2
Siberia	San Fr'sco	Hongkong	Mar. 5
Campania	New York	Liverpool	Mar. 6
Emp. of India	Vancouver	China	Mar. 6
Cedric	New York	Egypt	Mar. 6
Friedrich Wm.	New York	Bremen	Mar. 7
La Savoie	New York	Havre	Mar. 7

Abundantly prepared at all times.

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Nurseries: Mediterranean and South Carolina Avenues.

E. R. FRY, Florist

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I have constantly on hand a seasonable variety of fresh cut flowers, which I will deliver promptly in Rochester and adjoining towns.

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All Kinds of CUT FLOWERS

in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

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Delivers to all points in New England.
125,000 square feet of glass.

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11 West Main St. All cut flowers in season. Funeral designs or potted plants. Careful attention and prompt delivery guaranteed to any part of Michigan.

John Bauscher, Jr., FREEPORT, ILL.

100,000 SQUARE FEET OF GLASS.
At Your Service.

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Lange, H. F. A.
YOUNGSTOWN, O.
Walker, John
ZANESVILLE, OHIO.
Imlay, John D.

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S. J. REUTER & SON, Inc.
NEW LONDON, CONN.
The only flower store in the city. Orders for any part of Connecticut or Rhode Island will receive prompt and careful attention.

FRIEDMAN
FLOWERS
CHICAGO, ILL.
522 S. Michigan Ave., Congress Hotel
COURTESIES EXTENDED TO ALL FLORISTS

C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice
Trade discounts. First-class stock.

CHICAGO
A. LANGE, 25 E. Madison Street
ST. PAUL, MINN.
Order your flowers for delivery in this section from the leading Florists of the Northwest.
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ST. PAUL, MINN.

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MICHIGAN

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Leading Florist
AMSTERDAM, N. Y.
SCHENECTADY, N. Y.
Estab. 1877

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H. A. FISHER CO.
Wholesale and Retail Florists
KALAMAZOO and BATTLE CREEK, MICH.

The Rosery
..FLORISTS..
289 DONALD ST.
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ORDERS TAKEN FOR DELIVERY ANYWHERE BETWEEN PORT ARTHUR AND THE COAST.

David Clarke's Sons
2139-2141 Broadway
Tel. 1552, 1553 Columbus
NEW YORK CITY
Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

C. C. POLLWORTH CO.
Wholesale Florists
MILWAUKEE, WIS.
Will Take Proper Care of Your Orders in WISCONSIN

Send flower orders for delivery in
BOSTON AND ALL NEW ENGLAND POINTS
To THOS. F. GALVIN, Inc.
124 TREMONT ST. BOSTON

Hoffman FLORIST
59-61 Massachusetts Ave.
for Commonwealth Ave.
BOSTON

1874 **JNO. V. PHILLIPS** 1912
WILLIAM A. PHILLIPS, Manager
272 Fulton St. Tel. 319 Main. Brooklyn, N.Y.

FOLDING FLOWER BOXES

We manufacture the most complete line of High-grade Boxes at reasonable prices.

Palm Green, Mist Gray, Mist Brown	Per 100
16x 4 x3	$ 1.85
20x 4 x3	2.15
18x 5 x3	2.15
21x 5 x3	2.50
24x 5 x3½	3.00
30x 5 x3½	3.30
36x 5½x3½	4.50
21x 7 x3½	3.25
24x 8 x4	3.85
28x 8 x4	4.35
28x 8 x5	5.00
36x 8 x5, Telescope.	7.00
30x10 x5 "	7.50
36x10 x5 "	9.00
40x 8 x5 "	9.00
42x 8 x5 "	11.00
42x10 x5 "	13.00
48x10 x5 "	15.00

White Glaze, Green Glaze, Pink Glaze	Per 100
16x 4 x3	$ 2.65
20x 4 x3	3.00
18x 5 x3	3 00
21x 5 x3	3 50
24x 5 x3½	3.75
30x 5 x3½	4.50
36x 5½x3½	5.65
18x 6 x3½	3.65
21x 7 x3½	4.00
21x 8 x4	4.65
24x 8 x4	5.25
28x 8 x4	6.00
28x 8 x5	6.50
36x 8 x5, Telescope.	9.00
36x10 x5 "	11.00
40x 8 x5 "	11.00
42x 8 x5 "	13.25
42x10 x5 "	15.00
48x10 x5 "	18.00

Spray, Design and Miscellaneous Palm Green	Per 100
18x 6x3½	$ 2.75
15x 6x5	3.50
21x 8x4	3.50
24x 8x5	4.00
23x12x5, Telescope	7.50
12x12x8 "	9.00
30x12x6 "	10.00
16x16x8 "	10.00
20x20x8 "	13.00
24x24x8 "	15.00
28x22x8 "	16 00
28x28x8 "	19.00
32x32x8 "	25.00
20x12x8 "	10.00
24x14x8 "	12.50
30x14x8 "	14.50
32x17x8 "	16.00
36x14x8 "	16.00
40x14x8 "	17.50
36x17x8 "	18.50
42x17x8 "	20.00

Spray, Design and Miscellaneous Mist Gray	Per 100
28x 6x 4	$ 3.50
24x 8x 5	4.00
30x 9x 4, Telescope	6.50
20x12x 8 "	10.00
24x14x 8 "	13.00
30x14x 8 "	15.00
48x 8x 5 "	12.50
30x12x 6 "	10.50
12x12x 8 "	9.50
14x14x 8 "	10.00
16x16x 8 "	10.50
20x20x 8 "	13.50
24x24x 8 "	15.50
24x24x10 "	20.00

Violet Boxes, White and Violet Glaze.	Per 100
7x4x4	$2.50
8x5x5	4.00
10x6x5½	5.00
12x8x5½	6.00
Plain Violet	
7x4x4	1.75
10x6x5½	2.50
11x8x5½	3.50
Mist Gray	
7x4x4	2.50
8x5x5	2.75
10x6x5½	3.00
12x8x5½	3.50
Palm Green	
12x8x5½	3.50

All our Flower Boxes are made from Moisture-Proof Board.

No printing charges on lots of 300 or over. Special discounts allowed on quantity orders. Complete samples sent on application.

A. A. ARNOLD, 16-18-20-22 South Peoria Street, **CHICAGO**

Mention The Review when you write.

INDIANAPOLIS.

The Market.

Trade among the retailers has not been overly flourishing for the last ten days. There has been some funeral work daily, but other work is quiet. We are still having severe weather, the thermometer registering 11 degrees below zero one day last week. The days continue cloudy, which has shortened the rose and carnation crops. The carnations are showing the effects of the cloudy weather more than the roses, many of them being split and having weak stems. Some tulips of fair quality are to be seen. Hyacinths and Paper Whites are in demand. Jonquils are quite popular this year. Easter lilies are a little short. Sweet peas find a ready sale. Violets, valley and orchids are enough to go around. Pot plants are selling well, the supply consisting of bulbous stock, primulas, cyclamens, azaleas and lilacs.

Various Notes.

Albert Pittet is back from a two months' trip to Europe. He says that if we have any more winters like this one he is going over there to stay.

The Smith & Young Co. reports business improving at its salesrooms.

Four of A. Wiegand & Sons' force were confined to their homes by illness at one time last week.

Visitors last week were: Frank Farney, with M. Rice & Co.; Ira Clark, Greensburg, Ind.; E. J. Fancourt, of the Pennock-Meehan Co.; Sam Seligman, with Wertheimer Bros.; C. Deer, of Franklin, Ind.; H. E. Corby, of Anderson, Ind., and G. L. Huscroft, with Wm. Hagemann & Co.

Sidney Smith reports heavy sales on young geranium plants this year.

Charles Wheatcraft has been sending in some fine sweet peas.

Adolph Baur reports a heavy sale of their new red carnation, St. Nicholas. He states that they will be able to sell all that they can propagate.

H. L. W.

Rochester, N. H.—E. A. Corson has opened a new store on Hanson street, next door to the Hotel Rochester.



Your Best Customers

will be favorably impressed if you use Schultz cut flower and design boxes. Made with the best quality of card board for the best class of trade.

If you handle the best trade in your city you need Schultz boxes.

Made to your special order—any size, shape or design, lined or unlined.

Write for prices today—before the Easter rush.

H. SCHULTZ & CO., Superior and Roberts Sts., Phone Dearborn 423. **CHICAGO**

Mention The Review when you write

CUT FLOWER AND DESIGN BOXES



All Sizes — Lowest Prices

Write for BOX CATALOGUE

C. C. Pollworth Co.

MILWAUKEE, WIS.

Mention The Review when you write.

Cut Flower Boxes and Fiber Shipping Cases

It will pay you to get our samples and prices before ordering. You will find our prices right.

THE J. E. SMITH CO., 6-8-10-12 North Central Avenue BALTIMORE, MD.

Patent Applied For



SEFTON'S POTTED LIVE PLANT BOX

(MADE OF CORRUGATED FIBRE BOARD)

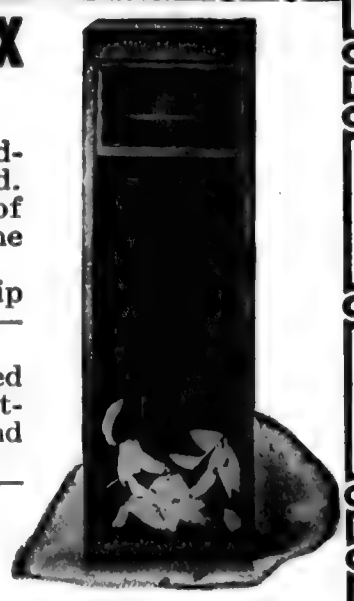
FROST PROOF

Designed to carry a live plant in absolute safety regardless of the position box is placed in or how roughly handled.

Whether right side up or up side down, the weight of the pot and earth rests on the inner construction of the box and cannot in any way injure the plant.

Used for express shipments and city deliveries. Ship Winter or Summer in safety. A new field open to florists—develop a mail order business.

These boxes are made in any size to fit different sized pots as well as different lengths of plants. When requesting prices, furnish us with outside dimensions of pot and length of plant above pot.



THE SEFTON MFG. CO.

1333 W. 35th ST., CHICAGO, ILL.

FACTORIES: CHICAGO, ILL. ANDERSON, IND. BROOKLYN, N. Y.



Order Boxes Now

for your Spring Trade. They will pay for themselves in saving of time and material, and your shipments will be delivered to your customers in perfect condition.

Send for Information

Lord Plant Box Co.

524 Andrus Bldg., MINNEAPOLIS, MINN.

Mention The Review when you write.

Illinois Self-Watering Flower Boxes

are gaining popularity every day. Send for our booklet and learn about a proposition that every live florist should understand.

American Metal Box Co.

2005 Michigan Ave., CHICAGO

Conard & Jones Co., West Grove, Pa.
Agents for New York, New Jersey and Penna.

Mention The Review when you write.

CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

Always mention the Florists' Review when writing advertisers.



H. & D. FLORISTS' BOX

Universally used for shipping cut flowers and designs. The dead-air cells form a perfect non-conductor of heat and cold, thus preserving contents much longer than ordinary wood box.

H. & D. Florists' Box can be used several times. Is much lighter than the ordinary box, thus saving in express charges.

Write for Catalogue

"HOW TO PACK IT"

THE HINDE & DAUCH PAPER CO., Sandusky, O.

Mention The Review when you write.

Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$1.90 per 100
No. 1	3x4½x16	1.75 per 100
No. 2	3x6x18	2.25 per 100
No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x25	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x20	6.25 per 100
No. 11	3½x5x30	8.25 per 100
No. 12	6x12x39 (telescope)	10.00 per 100
No. 13	5x10x30	5.50 per 100
No. 14	6x16x39	10.00 per 100

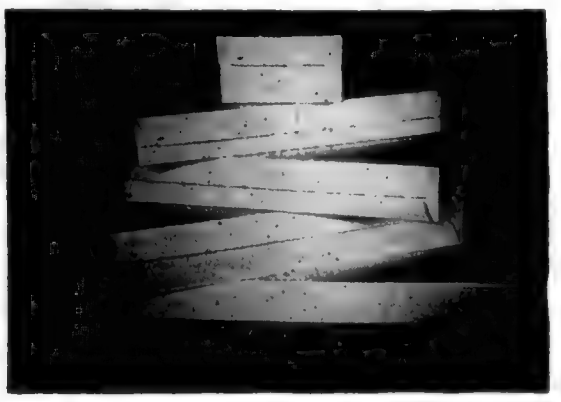
This list will cancel all former lists.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

LIVINGSTON SEED CO.

COLUMBUS, OHIO

Always mention the Florists' Review when writing advertisers.



CLIMAX CLASSY CUT FLOWER BOXES

Five Grades—Oxford Gray, Mist Green, Nonpareil Green, White Carnation and our popular "Favorite Grade"—the latter a heavy, full telescope shipping box. All popular sizes in stock for immediate shipment. Before placing order, it will pay you to write for prices and samples. Address

THE CLIMAX MANUFACTURING CO.

200 Factory St., CASTORLAND, N. Y.

Always mention the Florists' Review when writing advertisers.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Leonard H. Vaughan, Chicago; First Vice-Pres., M. H. Duryea, New York City; Sec'y and Treas., C. E. Kendel, Cleveland, O.
Thirtieth annual convention, Chicago, June 25 to 27, 1912.

THE canners still are making a great to-do about the price of peas for seed.

OTTO WALTERS has bought the interest of J. L. Loebs in the Loebs Seed Co., Aberdeen, S. D.

THE farmers of three counties assembled at Forest, O., January 22, asked the legislature for a pure seed law.

THE Springfield Seed Co., Springfield, Mo., has extended its lease on its present building to September 1, 1916.

S. G. COURTEEN, commission merchant and seedsman at Milwaukee, is reported as planning the erection of a warehouse to cost $200,000 in what is known as the Reed street yard.

ANTON C. ZVOLANEK, the Bound Brook, N. J., sweet pea man, who is at Lompoc, Cal., to remain with his crops until July, was at Santa Barbara January 30 on a few days' outing.

D. J. TAMMINGA, seedsman in the market gardening section south of Chicago, has just finished a new store, one story, brick, 33x87 feet, which is being occupied in addition to the former one.

THE North Dakota Improved Seed Growers' Association was formed at a meeting at Fargo, N. D., January 25. The organization was formed in response to a call by Professor Rolley of the State Agricultural College.

THOMAS W. HOBART, the Sioux Falls seedsman, was one of the speakers at the recent meeting of the South Dakota State Horticultural Society, at Brookings. He was also invited to take a place on the program of the Minnesota State Horticultural Society.

W. W. BARNARD Co., Chicago, has removed to its new building, at 231 to 235 West Madison street, between Fifth avenue and Franklin street, where all the departments will be centered. The building has been remodeled and is ideally located for counter trade.

THE canners' convention is on this week at Rochester, with an extremely large attendance. The seed houses that cater to canners' trade are represented as usual, though few have any quantity of peas of last crop to offer. There is said to be no difficulty in getting orders for 1912 crops.

ACCORDING to the best source of commercial intelligence in Japan, the exports of lily bulbs of the several varieties to all parts of the world from Yokohama, between July 3, 1911, and January 9, 1912, were 55,899 cases. This practically covers the season of 1911. The shipments have been reported in detail in this column from week to week.

ONE of the most striking catalogue covers of the season is that of the Germain Seed & Plant Co., Los Angeles. It was produced by the three-color halftone process, showing the Comet aster in four colors on the front and the Brazilian watermelon on the back. The firm name appears in bright red. Most of the covers are too crowded; the strength of this one lies in its simplicity.

Hjalmar Hartmann & Co., Copenhagen, Denmark.
Seed Growers for the Wholesale Trade
Cauliflower, Cabbage and Root Seed.

NOVELTY
Copenhagen Market
Earliest large, round headed Cabbage, Very Solid



Contract Now for 1912 Crop.

Copenhagen Market, Galvano Free.
Prices and Descriptive list free on Application.
LOECHNER & CO., 11 Warren St., New York, Sole Agents for the U. S. and Canada.

Mention The Review when you write.

VAN NAMEN BROTHERS
Special Growers of Nasturtium, Zwijndrecht, Holland
Will accept contract orders for 1912 crop Nasturtium. They further offer several thousand pounds 1911 crop
Tall Mixed Extra and Dwarf Mixed Extra Quality Nasturtium
For prices apply to our representative
JULIUS LOEWITH, 99 Nassau St., New York

Mention The Review when you write.

SURPLUS lots of the Evergreen sweet corns are offered at $1.90 per bushel; Country Gentleman at $2.40.

EUROPEAN districts in which biennials are grown for seed crops report alarmingly severe winter weather in January.

AS the result of my advertisement in The Review last season I sent another shipment of onion sets to England a few days ago.—D. J. Tamminga, Chicago.

TEXAS has become an important factor in the consumption of vegetable seeds. At the rate the industry has been growing, the state soon will be the kitchen garden of America.

THE February magazines carry even less seed trade advertising than last year. The best results have been found to come from the use of the farm papers and gardening publications.

ORDERS thus far in 1912, except in special cases, are not up to the record for the same period last year. The south has sent the usual volume of business, but the severe weather has held back orders from the greater part of the country.

WITH seeds as scarce as the talk would indicate, it is surprising how many surplus lists are in circulation. A few items are hard to find in quantity, of course, but pretty nearly everybody in the seed business has something to sell, just the same.

ONE of the new business getting plans of the Farmer Seed & Nursery Co., Faribault, Minn., has resulted in starting an information department, which is being advertised as in personal charge of William Kuelser, president of the company, who offers to answer any question on farm management.

Metal Clasp Mailing Envelopes
LOUIS JEFFREY
75th & Brunswick Ave., Philadelphia, Pa.

Mention The Review when you write.

HELLER'S MICE PROOF SEED CASES.
Send for Catalogue.
HELLER & CO.
Montpelier, Ohio

Mention The Review when you write.

HAVE you noticed how frequently the letters received from the trade now show the non-warranty and business terms, or a reference to them, printed below the date line?

WITH the leading varieties of cucumber offered at 23 cents, muskmelon grown especially for the seeds at 22 to 25 cents, watermelon at 12 cents, summer squashes at 21 cents and others at corresponding prices in the February surplus list of growers, it doesn't look as though there was any serious shortage of vine seeds.

THE WORK THAT COUNTS.

Congressman W. L. La Follette, of Washington, wrote every voter in his district that he was sending a package of the congressional free seeds. The letters arrived the day of the meeting of the Kennewick Farmers' Institute. In answer to the congressman's letter

A REQUEST

To the Seed Trade of America and Canada:

If buyers of **any kinds** of Seeds from this side will send us a line saying which articles they are **PARTICULARLY INTERESTED IN AT THE MOMENT**, whether for **present or contract** delivery, prices will be sent per return mail.

KELWAY & SON, Langport, Eng.

HIGH CLASS SEEDS ONLY. ESTABLISHED 1851.

Mention The Review when you write.

H. FRANK DARROW

P. O. Box 1250

26 Barclay Street, NEW YORK

Importer of

Azaleas, Palms, Bay Trees

and all other Belgian Plants, Lily of the Valley of the finest Berlin and Hamburg Brands.

Japanese, Holland and French Bulbs

FRENCH and ENGLISH

FRUIT and ORNAMENTAL STOCKS

Mention The Review when you write.

J. HASSLACH

SEED GROWER

St. Remy de Provence, France

has issued his Seed Catalogue for Specialties in first-class Flower and Garden Seeds.

Mention The Review when you write.

the following reply was unanimously adopted by the institute:

"We are in receipt of your letter saying that you are going to send us a packet of seeds. May we beg of you to do nothing of the kind? Do not burden the United States mail with any such folly. You know this is a graft which benefits no one but the seedsman who grows the seeds. You are not performing your duty in sending them, but taking part in a fraud too patent to deceive anyone any longer. The only duty you have in this connection is to introduce and support a bill to put an end to this foolish attempt to deceive the farmer. If you do not introduce such a bill we will not vote for you again."

AMERICAN SWEET PEAS.

In a report of an address recently delivered by Wm. Cuthbertson, of Dobbie & Co., Edinburgh, a recognized authority on sweet peas, there was the following:

"Speaking of American seed, he had no fault to find with its germinating power; he thought they could grow as good sweet pea seed in America as anywhere else in the world. It was the want of that high standard of fixity and purity which we associate with the best grown English stocks that he objected to. In short, there had been a want of reliability about

TO THE TRADE

HENRY METTE, Quedlinburg, Germany

(ESTABLISHED IN 1787)

Grower and Exporter on the very largest scale of all

CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼ oz ; 75c per 1/16 oz. Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own vast grounds,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

Mention The Review when you write.

PERFECT PLANT FOODS

THOMSON'S Vine Plant and Vegetable MANURE

Unrivaled for vines, tomatoes, cucumbers, all flowering, foliage and fruit bearing plants; vegetables, lawns, etc. Has stood the test of 30 years. The result of many years of practical experience.

Sold by Leading American Seedsmen.

Also Thomson's Special Chrysanthemum and Topdressing Manure. An Excellent Stimulant.

Freight paid on quantities; liberal terms to retailers. Write for our special offer to the American trade, agents' circulars, pamphlets, etc., to sole makers.

Also Exporters of **Pure Scotch Soot** Write for prices, etc.

Wm. Thomson & Sons, Ltd., Tweed Vineyards, Clovenfords, Scotland

Mention The Review when you write.

VAN GRIEKEN'S BULBS, SOUND AND WELL SELECTED

High-grade Hyacinths, Tulips, Narcissus, Crocus, etc. Write for Catalogue.

LEO VAN GRIEKEN, Lisse, Holland

Mention The Review when you write.

WE IMPORT

to order for the Trade only, PLANTS and BULBS from Europe and Japan. Spring or Fall Delivery. Address with business card.

AUGUST ROLKER & SONS

P. O. Box 752, or 31 Barclay Street, NEW YORK

Mention The Review when you write

DANISH SEEDS

If you take interest in Cabbage, Cauliflower, Carrot, Mangel, Swede and Turnip, of selected strains (state controlled), please apply to

CHR. OLSEN, Odense, Denmark

Wholesale Seed Grower (Established 1882), in order to have your name placed on my mailing list.

Always mention the Florists' Review when writing advertisers.

FOR

SEEDS

of all kinds apply to

W. W. JOHNSON & SON, Ltd.

BOSTON, ENGLAND

Mention The Review when you write.

German Stock Seeds

A GRAND SPECIALTY

Price list on application

PAUL TEICHER, Striegau, Germany

Oldest Special House

Mention The Review when you write.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence solicited.

George R. Pedrick & Son

PEDRICKTOWN, N. J.

Mention The Review when you write.

The Ebbert Seed Company

ROCKY FORD, COLO.

Contract growers for the Trade. High-grade Vine Seeds. **Specialties:** Rocky Ford Cantaloupe, Muskmelon and Cucumber Seed.

Place Your Orders Early

Mention The Review when you write.

American stocks of waved sweet peas in the past, and he was giving away no secrets when he said his American friends knew it, were anxious about it, and were taking steps to remedy it. Until they started to build up stocks from single homogonous plants, neither the Americans nor any one else would succeed. On the great American seed farms, where sweet pea crops followed sweet pea crops closely, they had the problem of volunteers to face; that is, plants from seed left in the soil from a previous crop. It was rather different from our problem of rogues. Sweet pea culture would be helped all around when the Americans gave us pure stocks. He hoped they would soon do so.''

EXPORTS OF LILY BULBS.

The exports of lily bulbs from Yokohama, Japan, from December 15, 1911, to January 9, 1912, were 964 cases, the consignees being as follows:

TANOI SHOTEN	603
To Amsterdam	208
To Harmick	200
To London	118
To Hamburg	45
To Liverpool	30
To Victoria	4
YOKOHAMA NURSERY CO.	120
To London	100
To New York	18
To San Francisco	2
ARAI SHOTEN	110
To Hamburg	110
L. BOEHMER & CO.	94
To New York	84
To Portland	10
K. TANEKA	42
To Rotterdam	28
To Hamburg	14
SAYEDA SHOTEN	15
To London	15

PEA GROWING IN IDAHO.

The following comes from a newspaper correspondent at St. Anthony, Idaho, and will be read with interest by the seed trade:

''The pea industry of Idaho is now fully assured and every indication points to its being one of the most profitable as well as largest crops. Fremont county has taken the lead in the matter, but this year several other counties of the state will raise large quantities and it is expected that within a few years the crop will be fully established and that it will be one of the best crops for the farmers to raise.

''Ole K. Olson, of St. Anthony, should be given credit for the introduction of the crop into Idaho. Mr. Olson has grown a few seeds for many years and when he began farming in this county he was determined to prove the feasibility of the crop's production.

''In 1909 he attempted to interest several of the large eastern seed houses in the Idaho seed pea proposition, but

HERE SINCE 1879.

Arkansas Valley Seed Company

D. H. BROWNE LAKIN, KANSAS C. H. BROWNE

Contract Growers of Muskmelon, Watermelon and Cucumber

We desire to announce to the trade that Mr. Wm. Logan is no longer connected with this company in any way. And that we are now booking contract orders for Muskmelon, Watermelon and Cucumber Seed.

Write today for contract price list, also our surplus list of Vine Seeds.

Mention The Review when you write.

J. BOLGIANO & SON WHOLESALE Field and Garden Seeds

ESTABLISHED 1818 Write for our low prices

Light, Pratt & Ellicott Sts. BALTIMORE, MD.

Mention The Review when you write.

BEANS, PEAS, RADISH

and all Garden Seeds

LEONARD SEED CO.

226-230 W. KINZIE STREET, CHICAGO

ONION SETS GROWERS FOR THE TRADE

Write for Prices

Mention The Review when you write.

YOU will be satisfied with the products of Burpee's "Seeds that Grow"

Better write to Burpee, Philadelphia,—for new Complete Catalogue.

The Everett B. Clark Seed Co., MILFORD, CONN.

Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.

BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC.

TOMATO SEED

BEST STOCKS. ALL VARIETIES.

The Haven Seed Co.

Growers for wholesale trade only. Santa Ana, Cal.

Mention The Review when you write.

LAWN GRASS SEED

WHOLESALE ONLY

J. OLIVER JOHNSON

1876 Milwaukee Avenue, CHICAGO

Mention The Review when you write.

ONION SEED — ONION SETS

We are extensive growers and dealers. Write for prices on the 1911 crop. We are also submitting contract figures for the 1912 crop of Onion Seed.

SCHILDER BROS., CHILLICOTHE OHIO

Mention The Review when you write.

The C. Herbert Coy Seed Co.

VALLEY, Douglas County, NEB

Wholesale Growers of High Grade Seeds.

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

Mention The Review when you write.

IF IT IS

WATERMELON AND MUSKMELON SEEDS

GET THEM FROM

J. FRANK CORRY, CONTRACT GROWER

Complete delivery by Oct. 15, 1912.

ENID, - OKLAHOMA

Mention The Review when you write.

—THE—

J. C. Robinson Seed Co.

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar, Flint and Field Seed Corns.

Mention The Review when you write.

Sioux City Seed & Nursery Co.

Sioux City, Iowa

Contracting growers of **Peas, Beans** and famous **Sweet Corn.** Introducers of the **White Mexican Sweet Corn.**

Mention The Review when you write.

S. M. ISBELL & CO.

JACKSON, MICH.

Contract Seed Growers

Bean, Cucumber, Tomato, Radish, Pea, Squash, Muskmelon, Watermelon, Sweet Corn.

Correspondence Solicited

Mention The Review when you write.

Peas and Beans

...Growers For The...

Wholesale Seed Trade

Alfred J. Brown Seed Co.

Grand Rapids, Michigan

Mention The Review when you write.

MORSE SEEDS

Wholesale Growers of

Onion, Lettuce, Sweet Peas

and other California Specialties

C. C. MORSE & CO.

48 Jackson St. SAN FRANCISCO, CAL.

Mention The Review when you write.

CONTRACT SEED GROWER

SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn

EDGAR F. HURFF, MULLICA HILL, NEW JERSEY

Correspondence Solicited.

Mention The Review when you write.

Routzahn Seed Co.

ARROYO GRANDE, CAL.

SWEET PEA and NASTURTIUM

SPECIALISTS

Wholesale growers of full lists of FLOWER and GARDEN SEEDS.

Mention The Review when you write.

THE HAS. H. TILLY CO.

SEATTLE, WASH.

Growers of

PUGET SOUND CABBAGE SEED

Mention The Review when you write

Henry Fish Seed Co.

BEAN GROWERS

For the Wholesale Seed Trade

CARPINTERIA, - CAL.

Mention The Review when you write.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety. Correspondence solicited.

Always Mention the...

FLORISTS' REVIEW

When Writing Advertisers



Long Green Turkey Cucumber grown under irrigation by

WESTERN SEED & IRRIGATION CO.

Seed Growers and Dealers. Specialties: Cucumber, Musk and Watermelon, Pumpkin, Squash, Sweet and Field Corn.

FREMONT, :: :: :: NEBRASKA

Mention The Review when you write.

THE KIMBERLIN SEED CO.

Wholesale Seed Growers SANTA CLARA, CAL.

Growers of

ONION, LETTUCE, RADISH, etc.

Correspondence Solicited.

Mention The Review when you write.

Pieters-Wheeler Seed Company

Hollister, - - California

Growers of High Grade Seeds

Onion, Radish, Lettuce, Sweet Peas, etc. : : :

Correspondence Solicited.

Mention The Review when you write.

BRASLAN SEED GROWERS' CO.

Lettuce, Onion, Sweet Peas

Growers for the Wholesale Trade Only

San Jose, California

Mention The Review when you write.

S. D. Woodruff & Sons

SPECIALTIES:

Garden Seeds in Variety

Maine seed potatoes, onion sets, etc.

CORRESPONDENCE SOLICITED.

Main Office and Seed Farms, ORANGE, CONN.

New York City Store, 82-84 Dey Street

Always Mention the...

FLORISTS' REVIEW

When Writing Advertisers

You may not like our method of doing business; you may not like our style of advertising; you may not like our independence; and there may be other things about us you don't like. But what you like or dislike about us ought to have but little weight with your business judgment. The fact is that Horseshoe Brand Lily Bulbs are positively the best produced today, and, after all, it's the goods you want above everything. It was not so long ago when it was common for a grower to buy from 1500 to 2000 lily bulbs in order to expect 1000 good plants. When Horseshoe Brand entered the field things took a change for the better. Florists soon learned that good bulbs could be had for a little more money, and that's why our business has grown. You need the best lily bulbs in your business—the real difference in value is in your favor—why not send us your order now?

Catalogue on request.

Not How Cheap But How Good

RALPH M. WARD & CO.

12 West Broadway

NEW YORK

the houses scorned the idea of raising such a crop here. The farmers could not be persuaded to make the experiment. In fact, they all ridiculed the idea. But Mr. Olson was undaunted and during that year planted five acres on his own land. The yield was better than he had expected and the next year he had no difficulty in getting his neighbors to raise some also. Different seed houses became interested in a small way and sent in orders for small quantities.

"Last year 800 acres were planted to peas in Fremont county and the farmers were so delighted with the outcome that now 6,000 acres have been contracted for.

"During the last three years the peas have averaged a yield of forty-five bushels to the acre. The farmer is paid about $1.80 per bushel, making an income of about $81 per acre. The average cost of production is $19, thus leaving a net income to the farmer of $62.

"Of the peas that were raised the last season they have tested 100 per cent in germination. This is much higher than any of the eastern peas have ever tested and as a result many of the eastern seed houses have had men in Idaho during the winter attempting to contract for peas of the 1912 crop.

"Mr. Olson, who is handling by far the largest part of the crop, is dealing with the Jerome B. Rice Co., of Cambridge, N. Y., with a branch house at Detroit. Mr. Olson has just returned from a trip east and he reports the company as being exceptionally well pleased with the quality of the peas, and they say that they will take all that are raised here.

"Several large storehouses have been leased in St. Anthony to handle the crop during the coming year until the necessary places can be built by the companies.

"The pea crop is not at all severe on the soil, but, on the other hand, acts as a good fertilizer. The crop can be raised on the same land for several years and then wheat, beets or any other crop will do exceptionally well on the land as a rotation crop."

SEED TRADE IN TENNESSEE.

The following is from the Nashville American of January 28:

Shipping a carload of peas every day, to say nothing of the many other products handled, is the stunt the Cumberland Seed Co. is now pulling off, according to President and Manager F. C. Woods. As proof that this company is not confining its operations to peas alone, it might be stated that they handled fifty carloads of millet seed during the fall season.

The Cumberland Seed Co. is said to be the largest exclusive seed house in the south, and is now doing the largest business of its history.

"We are having a fine trade," said President Woods, "and have no complaint to make. Clover seed is very high, selling at from $12.50 to $14 a bushel. We bought 1,500 bushels of clover seed Tuesday."

In view of the fact that most houses have found peas to be scarce this season, most of those in the seed trade will agree with the reporter, that shipping a carload every day is some "stunt."

FARMERS DEMAND MORE MONEY.

A meeting of farmers was held in the court house at Easton, Md., February 6 to discuss the question whether the price of canned goods justifies the grower in demanding a higher price for his tomatoes. The farmers in Maryland evidently think that they should get more for their product than they

FLOWER SEEDS

Ageratum Little Blue Star, tr. pkt., 15c.
Ageratum Imperial Dwarf Blue, tr. pkt., 10c.
Antirrhinum, giant-flowering, pink, striped, scarlet, yellow, white, garnet and mixed, each, tr. pkt., 10c; per oz., 40c.
Asparagus Sprengeri, tr. pkt., 65c; 5000 seeds, $5.50.
Asters, Smith's Peerless White, tr. pkt., 50c; per oz., $6.50.
Asters, Smith's Peerless Pink, tr. pkt., 50c; per oz., $7.50.
Centaurea Candidissima, tr. pkt., 25c.
Centaurea Gymnocarpa, tr. pkt., 15c.
Lobelia Crystal Palace Compacta, extra select strain, tr. pkt., 10c.
Petunia, large-flowering fringed, single mixed tr. pkt., 35c.
Petunia, large-flowering fringed, double mixed, tr. pkt., 65c.
Primula Obconica Gigantea, rose, crimson, lilac Hybrida, mixed, each, tr. pkt., 35c.
Salvia Bonfire, tr. pkt., 25c; per oz., $2.50.

Select strains of Verbena, Stocks, Grandiflora and Giant-flowering Spencer Sweet Peas, etc.

SEND FOR NEW FLORISTS' WHOLESALE CATALOGUE

CURRIE BROS. CO., 108 WISCONSIN ST., 312 BROADWAY, **MILWAUKEE, WIS.**

Mention The Review when you write

HUNTINGTON'S
ASTER SEED

Though they're pretty good seed now, they're not at their best in February.

Mr. Wide Awake Florist, would you rather work a day than think a minute? A word to the wise should be sufficient; we are growers.

The "ad" below was published in the August 31, 1911, issue of the Florists' Review.

A WORD ABOUT ASTER SEED

The proper time to talk aster seed is when the stock can be seen in bloom. About February first the buyer has to take the word of the catalogues in regard to the stock he is looking for.

Weather conditions here in Painesville have been just as unfavorable as elsewhere. Our asters are all strictly field-grown and without water. Steady use of the cultivator, our shading system and top feeding has given us a splendid crop. Below will be found a list of our favorites, with stem and flower measurements. We are prepared to convince the gentleman from Missouri if he will call, or we will be glad to send out a limited number of sample boxes of flowers. Enclose 50c to pay for packing and trouble. This will be deducted from the first seed order.

Lady Roosevelt, stem 30 in., flower 4 in.

Huntington's Giant Pink; shell pink sport from Lady Roosevelt; same tall, sturdy growth, flower more loosely built and much larger, stem 24-30 in., flower 4½-5½ in.

Non-Lateral White (branching), stem 24-30 in., flower 4 in.

Late Br. Mary Semple, purple, rose, lav., stem 16-22 in., flower 3½-4 in.

Crego, rose, purple, stem 18-20 in., flower 4½-6 in.

Crego, shell pink, lavender, stem 14-20 in., flower 4½-5½ in.

Vick's Rochester (Mikado Pink), stem 24 in., flower 4½-5½ in.

Huntington's Improved Mikado Rose, identical in all ways with Rochester. More rank in growth, bright rose, stem 24-30 in., flower 4½-6 in.

Lavender Gem and Snowdrift. Our strain of these cannot be beaten. Only three rogues taken from over 1,500 plants. They showed as high as 16 salable flowers to the plant. Stem 12-22 in., flower 2½-4 in.

We ship no flowers, only a few rogues going onto the Cleveland market, taken by Jones & Russell. They bring $2.50 per 100 on a 75c-$1.00 market.

Very good seed blocks of most of the special asters advertised last spring can be seen here, but those mentioned above are showing much the best results.

Write for my seed list, out about Feb. 1.

Ralph E. Huntington
PAINESVILLE, O.

BULBS

Far Below Cost

Ask for prices.

James Vick's Sons
ROCHESTER, N. Y.

Johnson's Highest Quality
FLOWER SEEDS

Strictly New Crop and of High Germination.

AGERATUM BLUE PERFECTION, trade pkt., 15c; oz., 50c.
ALYSSUM LITTLE GEM, trade pkt., 10c; oz., 25c.
ANTIRRHINUM (Snapdragon), giant mixed, trade pkt., 15c; oz., 40c.
ANTIRRHINUM, giant rose, white or yellow, trade pkt., 15c; oz., 50c.
ASPARAGUS PLUMOSUS NANUS, true greenhouse grown, $3.50 per 1,000 seeds; per 100 seeds, 50c.
BEGONIA SEMPERFLORENS VERNON, carmine, trade pkt., 30c.
CANDYTUFT, EMPRESS, best white, trade pkt., 10c; oz., 20c.
CELOSIA CRISTATA, Glasgow Prize, trade pkt., 20c; oz., $1.
CENTAUREA CANDIDISSIMA, trade pkt., 25c; oz., 75c.
CENTAUREA GYMNOCARPA, trade pkt., 15c; oz., 35c.
COBAEA SCANDENS, purple, trade pkt., 10c; oz., 30c.
COLEUS, new giant hybrids, trade pkt., 40c.
GREVILLEA ROBUSTA, trade pkt., 15c; oz., 50c.
HELIOTROPE, LEMOINE'S GIANT, trade pkt., 30c; oz., $1.50
IPOMOEA GRANDIFLORA (moonflower), trade pkt., 15c; oz., 40c.
LOBELIA CRYSTAL PALACE COMPACTA, blue, trade pkt., 25c; oz., $1.25.
LOBELIA SPECIOSA, trailing, trade pkt., 15c; oz., 50c.
PETUNIA, JOHNSON'S SUPERB SINGLE FRINGED, trade pkt., 50c.
PETUNIA, JOHNSON'S SUPERB DOUBLE FRINGED, 500 seeds, trade pkt., 75c.
PETUNIA, JOHNSON'S CALIFORNIA RUFFLED GIANTS, trade pkt., $1.00.
PYRETHRUM AUREUM (feverfew), trade pkt., 10c; oz., 25c.
SALVIA SPLENDENS (Scarlet Sage), trade pkt., 25c; oz., $1.
SALVIA SPLENDENS BONFIRE, trade pkt., 30c; oz., $2.
SMILAX, trade pkt., 10c; oz., 30c.
SOLANUM CAPSICASTRUM, trade pkt., 10c; oz., 25c.
STOCKS, LARGE FLOWERING TEN WEEKS, mixed or separate colors, trade pkt., 30c; oz., $2.50.
STOCKS, CUT AND COME AGAIN, white, trade pkt., 30c; oz., $2.50.
STOCKS, CUT AND COME AGAIN, mixed, trade pkt., 30c; oz., $2.50.
THUNBERGIA, MIXED (Black Eyed Susan), trade pkt., 10c; oz., 40c.
VERBENA, JOHNSON'S MAMMOTH, mixed, trade pkt., 25c; oz., 90c.
VERBENA, JOHNSON'S MAMMOTH, separate colors, trade pkt., 25c; oz., $1.
VINCA, ROSEA, ALBA AND ALBA PURA, trade pkt., 15c; oz., 50c.
VINCA, mixed, trade pkt., 15c; oz., 40c.
PANSY, JOHNSON'S FAMOUS PRIZE WINNERS, the finest giant strain obtainable, 1,000 seeds, 30c; trade pkt., 50c; oz., $5.
PHLOX, DWARF CECILY, mixed, trade pkt., 30c; oz., $1.75.
PHLOX, LARGE FLOWERING DWARF, mixed, trade pkt., 30c; oz., $1.25.

See our Begonia and Gloxinia offer in January 25 issue.

JOHNSON SEED COMPANY
217 Market Street, Philadelphia, Pa.

Dreer's Reliable Flower Seeds New Crop

We are now ready with a full supply of the very choicest strains of all wanted varieties. Below we give but a short list of a few items which should be sown early.

	Tr. pkt.	Oz.
Ageratum Blue Perfection, best dark blue	$0.15	$0.50
Alyssum Little Gem, extra dwarf stock	.15	.40
Asparagus Plum. Nanus, true, greenhouse-grown	$4.00 per 1000 seeds	
Begonia Semperflorens Erfordii, rose	.30	
Begonia Semperflorens Luminosa, fiery red	.30	
Begonia Semperflorens Vernon, carmine	.30	
Candytuft Empress, finest white	.10	.20
Celosia Cristata Glasgow Prize	.25	1.00
Centaurea Candidissima	.25	1.00
Centaurea Gymnocarpa	.15	.35
Cineraria Maritima Candidissima	.10	.20
Cobœa Scandens, purple	.15	.40
Dracæna Indivisa	.10	.30
Pennisetum Rueppelianum	.10	.25
Grevillea Robusta	.15	.50
Heliotrope Lemoine's Giant	.40	2.00
Ipomœa Grandiflora (Moonflower)	.15	.40
Lobelia Crystal Palace Compacta	.25	1.25
Lobelia Speciosa, trailing	.15	.50
Petunia Dreer's Superb Single Fringed	.50	
Petunia Dreer's Superb Double Fringed, 75c per 500, $1.50 per 1000 seeds		
Pyrethrum Aureum	.10	.25
Salvia Splendens	.25	1.00
Salvia Splendens Bonfire	.40	2.00
Salvia Splendens Zurich, very early	.50	4.00
Smilax	.10	.40
Solanum Capsicastrum	.10	.25
Verbena Dreer's Mammoth, separate colors	.30	1.25
Verbena Dreer's Mammoth, finest mixed	.25	1.00
Vinca Rosea, Alba and Alba Pura	.15	.50
Vinca, mixed	.15	.40

We can furnish you with the very finest quality in all the leading flower seeds, including Antirrhinum, Aster, Pansies, Petunias, Phlox, Primulas, Stocks, Sweet Peas, Zinnias, etc. Also a very complete line of seeds of the best Hardy Perennials. Consult our Wholesale Catalogue. If you do not have a copy, we will be pleased to send you one if you will send us one of your business cards.



DREER'S DOUBLE FRINGED PETUNIA

Henry A. Dreer, FLOWER SEED SPECIALISTS **714 Chestnut St., Philadelphia, Pa.**

BEGONIAS TUBEROUS ROOTED

	Per 100	Per 1000
Single, White, Pink, Scarlet, Orange and Crimson	$2.50	$22.00
Single, mixed colors	2.25	20.00
Double, White, Pink, Scarlet, Orange and Crimson	4.00	35.00
Double, mixed colors	3.50	30.00

GLOXINIAS

Blue, White, Crimson; Violet, white border; Red, white border	3.50	30.00
Mixed, all colors	3.00	26.00

A. HENDERSON & CO., 30 E. Randolph St., CHICAGO

have in former years. Some 150 of them met in Centerville, Md., January 30, representing every section in Queen Anne county, to discuss means of forcing a higher price for tomatoes from packers. The Centerville report conveying this information continues: "Local packers have offered the growers 15 cents per basket, equivalent to $9.30 per ton. This is 2 cents more than was paid last year. The growers say this is not profitable, and ask 17 cents. J. Langrall & Bro., the Baltimore packers, erected a mammoth cannery in Centerville early last season. They say it will be impossible to give more than last season, but the farmers, representing many hundreds of acres, announce that they will stand firm, and unless the packers meet their demand, not a tomato shall be grown.

W & D.'s New Crop FLORISTS' FLOWER SEEDS

Vinca Rosea, Alba Pura .....¼ oz., 15c; oz., $0.50
Salvia Slendens Grandiflora ....¼ oz., 35c; oz., 1.25
Salvia Splendens Bonfire .....¼ oz., 60c; oz., 2.00
Verbena, Mammoth, separate colors or mixed.....¼ oz., 25c; oz., .80
Cobaea, Lobelia, Stocks, Petunias, etc. Write for our wholesale catalogue.

Weeber & Dan, Seed Merchants and Growers **New York, N. Y.**
114 Chambers Street

Mention The Review when you write.

Asparagus Plumosus Nanus

New Crop—Greenhouse-grown
100 seeds, 60c; 500 seeds, $2.00; 1000 seeds, $3.50; 10,000 seeds, $30.00.
Sprengeri, 25c per 250 seeds; 75c per 1000 seeds; $2.75 per 5000 seeds.
Our Flower Seed Catalogue free on application.

THE MOORE SEED CO., 125 Market St., Philadelphia

Always mention the Florists' Review when writing advertisers.



According to the late season in California, 1912 **Winter Sweet Pea Crop** will be late. To avoid late delivery, I will send all early orders directly from my ranch in **Lompoc, Cal.** These will reach my farthest customers not later than August 10th, saving over 4 weeks' time. We will have all the leading colors and many novelties. **Order now.** New complete list will be ready in May.

Now is the time to sow **Late Sweet Peas.** We have on hand the best Spencer and Unwin types, and almost all other florists' flower seeds, like Asters, Stocks, Mignonette, etc.

Send for list.

Ant. C. Zvolanek

Bound Brook, N. J.

Farmers in various parts of the Shore have met in the last week, and in Caroline county they demand $11 per ton.''

CATALOGUES RECEIVED.

William Power & Co., Waterford, England, a seed catalogue and a separate catalogue of trees, shrubs, plants, bulbs and sundries; Rice Bros., Minneapolis, Minn., wholesale list of florists' supplies; Germain Seed & Plant Co., Los Angeles, Cal., seeds, plants, nursery stock and supplies; D. Landreth Seed Co., Bristol, Pa., garden and field seeds; Perry's Hardy Plant Farm, Enfield, England, seed catalogue; Oronoco Flower Gardens, Carthage, Mo., ''Flowers That Grow for Everybody''; Thompson & Morgan, Ipswich, England, seed catalogue; Arthur Cowee, Berlin, N. Y., gladioli; A. C. Kendel's Seed Store, Cleveland, O., seeds, plants and bulbs; Fottler, Fiske, Rawson Co., Boston, Mass., ''Seed Annual''; Mapleshade Gladiolus Farm, Warren, O., gladioli.

NEW YORK FLORISTS' CLUB.

By order of the executive committee of the New York Florists' Club the secretary has sent the following call to all the state organizations, urging upon them the importance of prompt action:

A CALL TO THE FLORISTS OF THE EMPIRE STATE.

We believe that the public interests and activities of the florists of New York state need consolidating through the formation of a state organization. You will agree with us in this if you will but stop long enough to give the subject a most superficial consideration.

The florists of the state are organized locally, but the florists are the only important group of the great family of agricultural interests not represented by a state association. It is true that we have never asked the state for anything, and therefore the need of state organization may not have been apparent. But the fact that we have not asked is not because we have not needed any help. Rather is this attitude due to the traditional independence of the florists. We do need help, and we should be in a position to ask assistance.

THE FIRST THING TO DO.

Plainly this is to effect an organization which shall represent the florists in matters legislative, in affairs commercial, in questions educational. In all these things the florists are vitally, personally, deeply interested.

This new organization, if effected, should not need to usurp the function of the clubs of the state in discussing questions of culture, of greenhouse management and general floricultural practice, but would concern itself only with affairs of state-wide importance under the three heads cited above. You will agree with us we have much need for an organization of this kind.

HOW SHALL WE GO AT IT?

Let each club appoint two delegates to attend a delegate conference to be held at the New York State College of Agriculture, Ithaca, N. Y. The purpose of this conference will be to effect an organization which shall properly represent the large floricultural interests of the state. This body of delegates shall be authorized to complete such an organization as in their wisdom deem appropriate, though each club may charge its personal delegates with such instructions as are deemed wise and fitting.

The Department of Horticulture of the New York State College of Agriculture offers the visiting delegates facilities for holding the meeting, and the members of the staff of the department will gladly aid the movement to the full extent of their ability.

ISSUANCE OF THE CALL.

This call is issued by the New York Florists' Club, not because it has any prior right to take the initiative, but because it is necessary that some one of the New York state clubs should start the movement.

Will you join the movement and notify us whom you have appointed as official delegate?

John Young, Sec'y.

NEW YORK.

The Market.

There is little change to record in the condition of the wholesale cut flower market during the last week. Another cold wave from the west arrived the day after the ground hog saw his shadow and the trade has settled down resignedly to another six weeks of winter temperature and the early advent of forty days of lenten dullness. In the meantime everyone is preparing for the early Easter and the plantsmen especially have a wonderful assortment on the way. Business with the retailers has improved, the worst January on record having added largely to the death rate, while the number of banquets, receptions and theater parties is on the increase as the days of sackcloth and ashes approach.

GLADIOLI

Send for wholesale list of more than forty varieties, including America, Augusta, Klondyke, Independence, May, Taconic, President Taft, Golden Queen, Baron Hulot, Princeps, etc., besides mixtures and color sections.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

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NEW CROP. CHOICE SEED. Price, $3.00 per pound.

WALTER P. STOKES, Seedsman

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	Per 100		Per 100
Princeps	$12.00	Alaska, new white	$60.00
Panama	30.00	Baron Hulot	10.00
Niagara	18.00		

8% discount for cash with order.

JOHN LEWIS CHILDS, Flowerfield, L. I., N. Y.

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Bulbs for Spring

L. Giganteum, Cannas (all leading varieties), Tuberoses, Gladioli. Prices on application.

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LILIES, SUMMER FLOWERING BULBS AND HARDY PLANTS.

SEND FOR PRICE LIST.

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Salvia Seed, 1911 Crop

(Our own growing.)

Bonfire, ½ oz., 60c; 1 oz., $1.00. Zurich, ½ oz., $1.50; 1 oz., $2.50. Above seed is from selected stock. Cash, please.

J. P. SIEBOLD, Lancaster, Pa.

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Salvia Seed

SPLENDENS..Tr. pkt., 15c; ⅛-oz., 25c; oz., $1.25

CLARA BEDMAN (Bonfire).....Tr. pkt., 25c; ⅛-oz., 40c; oz., $2.25.

ZURICH.....Tr. pkt., 35c; ⅛-oz., 50c; oz., $3.50

New Catalogue just out; write for a copy.

G. H. HUNKEL CO., Seedsmen, Milwaukee, Wis.

ROSE GARDENS

WHOLESALE GROWERS

Daffodils, Peonies, Tulips Gladioli, Iris, Etc.

NORTH EMPORIA, VIRGINIA

SURPLUS OF

L. Multiflorums 7-9

Write for prices.

The Yokohama Nursery Co., Ltd.

No. 31 Barclay Street, NEW YORK

DREER'S TUBEROUS-ROOTED
Begonias and Gloxinias

There is a scarcity of really first-class bulbs of Begonias this season, due to the unprecedented drought throughout Europe during the past summer, but the Specialist who has grown this stock for us for more than twenty years, having facilities for watering, has been able to supply us with bulbs almost as large as in normal seasons, while in quality they are fully up to our usual standard.



There has been no advance in price for this superior strain; you can buy cheaper but not better stock.

BEGONIAS, Single, in Separate Colors. Scarlet, crimson, rose, white, yellow and orange. 40c per dozen; $2.50 per 100; $22.50 per 1000.

BEGONIAS, Single, in Choicest Mixture. 35c per dozen; $2.25 per 100; $20.00 per 1000.

BEGONIAS, Double, in Separate Colors. Scarlet, rose, white and yellow. 60c per dozen; $4.50 per 100; $40.00 per 1000.

BEGONIAS, Double, in Choicest Mixture. 50c per dozen; $4.00 per 100; $35.00 per 1000.

BEGONIAS, Frilled, in Separate Colors. Scarlet, white, pink and yellow. These are with wavy and frilled petals, like some of the newer Petunias. $1.00 per dozen; $7.00 per 100; $60.00 per 1000.

BEGONIAS, Dwarf Hybrid Duke Zeppelin. Pure rich scarlet. 85c per doz.; $6.00 per 100.

BEGONIAS, Dwarf Hybrid Frau Helene Harms. A new primrose yellow. 20c each; $2.00 per dozen.

GLOXINIAS, Dreer's Superb, in Choicest Mixture or in Separate Colors, as blue, red, white, red with white edge and blue with white edge. 60c per dozen; $3.50 per 100; $30.00 per 1000.

CALLA ELLIOTTIANA. Strong bulbs, at $2.00 per dozen; $15.00 per 100.

For a complete list of Summer-flowering Bulbs and other seasonable stock, see our Current Wholesale List

Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

THE ABOVE PRICES ARE FOR THE TRADE ONLY

Mention The Review when you write.

Prices have retrograded a little for American Beauties, the supply exceeding the demand. Other roses remain steady at last week's quotations. The lower grades are most in demand, the special stock moving slowly without concessions. The shipments of Killarney continue large and nearly all the rose stock arriving is of the finest quality. The new varieties find an immediate market at all times. Carnations are doing better and the 3-cent grade has advanced to 4 cents. Violets are overabundant. Street men were offering $1 per thousand for the week-end accumulations on Monday morning. For the best blooms the top seems to be 50 cents per hundred. Stock must be exceptionally good to command a higher figure. Gardenias do not go above $3 per dozen and the short-stemmed ones use the street for an outlet when the weather permits it. Lilies are not overabundant and prices have held firm to date at $10 per hundred for the best of them. Valley is unchanged. Daffodils and freesia almost flood the market and stock, especially of Purity freesia, is exceptionally fine. Sweet peas also are overabundant, except the long-stemmed grade. The low price of orchids is extraordinary at this time of the year and must be discouraging to growers. All the popular varieties are here in great abundance. The department stores are again advertising their sale at less than wholesale values.

Lilies of the Valley

Bruns' Celebrated Chicago Market Brand
Finest in existence
$2.00 per 100; $16.00 per 1000

Bruns' Early Forcing Valley
Florists' money-maker
$1.50 per 100; $14.00 per 1000

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Berlin Valley Pips

Surplus lots. All high-grade, Berlin type, A. B. S. Pips. Recent arrivals. Case lots only. Ask for list of lots and f. o. b. New York prices.

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17 Murray St., NEW YORK

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STOCKS
Boston Flower Market has had wonderful success in separate colors.
1/8 oz., 60c; 1/4 oz., $1.00; oz., $4.00
White, 1/8 oz., 75c; oz., $5.00.
BOSTON
FANEUIL HALL SQUARE

SOW NOW!
Get Ready for Early Spring Sales

	6 Tr. Pkts.	Tr. Pkt.
BEGONIA Gracilis Luminosa, true stock, with large scarlet flowers	$2.50	$0.50
Erfordii, fine pink variety	2.50	.50
Bedding Queen, most beautiful pink Wax Begonia	2.50	.50
Vernon, fine red	1.25	.25
CYCLAMEN Persicum Splendens Giganteum, finest colors, assorted, 1000 seeds	5.00	.75

O. V. ZANGEN, Hoboken, N. J.

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LILY BULBS

FROM ICE STORAGE

	Per case
LONGIFLORUM GIGANTEUM, 7 to 9-inch, 300 to a case	$18.00
	Per 100
AURATUM, 9 to 11-inch	$8.50
AURATUM, 8 to 9-inch	5.25
SPECIOSUM RUBRUM, 8 to 9-inch	4.75
SPECIOSUM RUBRUM, 9 to 11-inch	8.00
SPECIOSUM ALBUM, 8 to 9-inch	9.50

They are all of "WORTH-WHILE" quality

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Various Notes.

The Florists' Club's meeting Monday evening, February 12, promises an attractive program. President Manda has returned from his western trip. Chairman Hendrickson, of the exhibition committee, announces it as carnation night and says he has the promise of all the novelties of the season. The essay committee will have some interesting reminders of Bermuda and the Detroit convention and Richard Vincent, Jr., will deliver his stereopticon lecture on "The Sunny Southland." Chairman Rickards promises a special brew and collation, so an attendance of less than 100 members would not be creditable. Full particulars as to the silver jubilee March 23, at the Park Avenue hotel, will be given by the banquet committee and tables may be reserved. Monday afternoon, February 2, the club's members will bowl at Thum's alleys, as usual.

Roman J. Irwin has just returned from a western trip and says business has been encouraging.

The New York and New Jersey Association of Plant Growers held its fourth annual banquet at Mouquin's, Thursday evening, February 1, and menu, decorations, attendance and enthusiasm broke all records. President Marquardt conducted the services with becoming dignity. The committee received much praise and the program of music, vaudeville and magic was away above the average. T. R. Pierson, of Tarrytown, made the principal address. The fraternal spirit was greatly in evidence, nearly every prominent plant grower being there, the few who were absent being confined to their homes by severe colds. All the ladies were provided with corsages of orchids. Harry Bunyard gave some interesting exhibits of fancy dancing and Julius Roehrs, Jr., assisted the magician. Secretary Siebrecht, Jr., told how to make banquets successful.

The New Jersey Floricultural Society will hold its annual dinner at English's hall, East Orange, Saturday evening, February 17. Wm. Reid, of Orange, N. J., is the secretary.

Wednesday evening, February 14, the Yonkers Horticultural Society will have

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Thorburn's Seeds

Our New Wholesale Catalogue for Market Gardeners and Florists for 1912 will be ready early in January. Register your name for a copy **NOW.**

Lily of the Valley Pips

A few still left, very high grade. Prices on application.

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Let Ayres' Superior Orchid-Flowering Sweet Peas

Follow Your Mums

The Fine Unsurpassed varieties

Asta Ohn Spencer, lavender, lb., $2.00. America Spencer, great novelty, red and white striped, lb., $4.00. Florence Morse Spencer, a beautiful light pink, lb., $2.50. Large White Spencer, the unrivaled white, lb., $2.50. Apple Blossom, pink shaded rose, lb., $1.75. Any of the above, oz., 35c. We also have all the winter flowering varieties. Write for our Sweet Pea Catalogue.

Ayres' Re-selected Grand Rapids Lettuce Seed

Is universally used by florists. Oz., 15c; lb., $1.25.

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NEW CROP

Asparagus Plumosus Nanus

Wisconsin Greenhouse Grown Seed

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1000 seeds, $4.00; 5000, $18.75; 10,000, $35.00

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AGERATUM BLUE STAR, dwarf, finest of all, pkt. 20c.

ALYSSUM SNOWDRIFT, most dwarf and compact, very fine, pkt. 20c.

CARNATIONS, New Giants, mixed, pkt. 20c.

PETUNIA STAR, improved, finest marked flowers, very fine, pkt. 20c.

PETUNIA, Giant, single fringed, large and fine, very choicest mixed, pkt. 20c.

PETUNIA, Giant Double Fringed, very fine, trade pkt. 50c. Mixture of the best improved vars.

SALVIA, Bonfire, finest grown, brilliant scarlet and compact. Large pkt. 20c.

PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt. 20c.

CHINESE PRIMROSE, finest grown, single and double mixed, 600 seeds, $1.00; ½ pkt. 50c.; 1000 seeds, $1.50. Separate colors or mixed.

PRIMULA KEWENSIS, the grand new sweet-scented yellow Primrose, pkt. 20c.

CYCLAMEN GIGANTEUM, finest giants, mixed, 250 seeds, $1.00; ½ pkt. 50c.; 1000 seeds, $3.50.

GIANT PANSY, finest grown, critically selected, 6000 seeds, $1.00; ½ pkt. 50c.

COLEUS, New Hybrids, fine colors. Best New Giants, pkt. 20c. Very brilliant and showy.

HARDY PHLOX, from the newest named giant flowering; mixed, pkt., 20c.

LOBELIA, Blue Ball, dwarf, dark blue, finest of all Lobelias, pkt. 20c. Be sure to sow of this.

TORENIA FOURNIERI, New Giant, extra fine, pot plant, pkt. 20c. Showy.

CANDYTUFT, New Giant Hyacinth-flowered, a great cutter, pkt. 20c.

VERBENA, Improved Mammoth, finest giants grown, mixed or separate of purple, white, scarlet, pink, striped, white-eyed. Tr. pkt. 20c.

HELIOTROPE, finest mixed, pkt. 20c.

BROWALLIA, New Giant Blue, pkt. 20c.

CUPHEA. Giant Cigar, fine, pkt. 20c.

GAILLARDIA GRAND, New Giant, pkt. 20c.

COBAEA SCANDENS, extra fine vine, pkt. 20c.

THUNBERGIA, mixed (Black-eyed Susan), 20c.

CASH. Liberal extra count.

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Unrivaled for size of flower, purity of color and highest development. They represent the best specialists have so far produced. Seeds and plants.

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WHOLESALE FLORIST

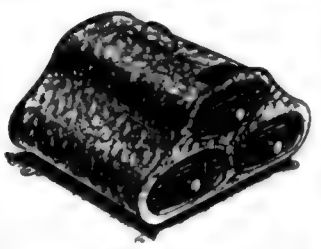
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"SUPERIOR HANGING BASKETS"
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Hoffmeister Floral Co.

Lickrun, Cincinnati, Ohio

Wholesale Growers of

Easter Lilies, Ferns and Decorative Greens

Write for prices.

Telephone WEST 562.

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its annual banquet. No one misses the Yonkers banquet who can get there. Will McDonald is the secretary.

The Greek-American annual ball will be held, as announced in these columns several weeks ago, Wednesday evening, February 28, at Terrace Garden, Fifty-eighth street and Lexington avenue. N. J. Lales is chairman of the committee.

A visit this week at the establishment of Anton Schultheis, College Point, L. I., found everything in "apple pie order." The stock of Easter plants is larger than ever and gives promise of high quality at the finish. Three sons of the proprietor are winning high honors at Cornell University and the eldest son is the able lieutenant of his father in the florists' business.

J. Austin Shaw.

Wertheimer Bros. have just won a case against the government in the court that has the final word on customs matters. February 2 they established the correctness of their claim as to the duty on certain ribbons known as mousseline bands.

Valentine Hammann, rose grower at Summit, was fatally injured in an automobile accident January 31. He was returning home from a dinner, riding in the car of a friend, when the car got beyond control on a hill. Mr. Hammann was taken to Overlook hospital in Summit, suffering with concussion of the brain and an injured spine.

THE Mum Manual, by Elmer D. Smith, for 40 cents sent to The Review.

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WHOLESALE FLORIST
Choice Spring Flowers, Daffodils, Tulips, Lilac, Violets, Valley, and the finest Sweet Peas in the market.
1619-21 Ranstead St., Philadelphia, Pa.
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Wholesale Cut Flower Prices.

Philadelphia, Feb. 7, 1912.

	Per doz.
Beauty, Specials	$7.50
" Extra	6.00
" Medium	$3.00 @ 5 00
" Short	2.00 @ 2.50
	Per 100
The Killarneys, Fancy	$15.00 @ $20.00
" Select	8.00 @ 12.00
" Ordinary	5.00 @ 6.00
My Maryland, Bride—	
Fancy	12.00 @ 15.00
Select	8.00 @ 10.00
Ordinary	5.00 @ 6.00
Richmond, Fancy	15.00 @ 20 00
" Select	8.00 @ 12 00
" Ordinary	5.00 @ 6.00
Melody	5.00 @ 12.00
Carnations, Fancy	5.00
" Select	3.00 @ 4.00
" Ordinary	2.00 @ 2.50
Cattleyas....per doz., $4.00 @ $6.00	
Cypripediums	12.00
Dendrobium Formosum	40.00
Coelogyne Cristata	20.00
Gardenias...per doz., $1.00 @ $3.00	
Easter Lilies, per doz., 1.50	
Callas.....per doz., 1.50	
Valley	3.00 @ 4.00
Sweet Peas	.40 @ 1.50
Violets, single, select	.75
" " ordinary	.25 @ .50
" double, select	.75
" " ordinary	.50
Daisies	1.50 @ 2.00
Pansies	.75
Lilacs.....per bunch, $1.00	
Paper Whites	2.00 @ 3.00
Romans	1.50 @ 3.00
Mignonette	4.00 @ 6.00
Daffodils	2.00 @ 3.00
Snapdragon.....doz., $1.00 @ $2.50	
Freesias	3.00 @ 4.00
Tulips	2.00 @ 3.00
Acacia Pubescens....bunch, $2.50	

Buffalo, Feb. 7, 1912.

	Per doz.
Beauty, Specials	$6.00
" Fancy	4.00
" Extra	3 00
" Firsts	2.00
" Shorts	$0.50 @ 1.00
	Per 100.
Perle	$ 5.00 @ $ 8.00
Bon Silene	3.00 @ 4.00
Bride and Maid	5.00 @ 8.00
Killarney	6.00 @ 15.00
White Killarney	6 00 @ 15.00
Richmond	6.00 @ 15 00
Maryland	5.00 @ 12.00
Carnations	2.00 @ 3.50
Lily of the Valley	3.00 @ 4 00
Longiflorums	10.00 @ 12.00
Violets	.40 @ .60
Mignonette	3.00 @ 5.00
Sweet Peas	.50 @ 1.00
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
Callas	10.00 @ 12.00
Tulips	4.00
Daffodils	2.00 @ 3.00
Jonquils	2.00 @ 3.00
Cattleyas	35.00 @ 50.00
Gardenias	15.00 @ 25.00

Milwaukee, Feb. 7, 1912.

	Per doz.
Beauty, Long	$5.00 @ $6.00
" Medium	3.00 @ 4 00
" Short	1.50 @ 2.00
	Per 100
Richmond	$ 5.00 @ $12.00
Killarney	5.00 @ 15.00
White Killarney	5.00 @ 12.00
Carnations	2.00 @ 4.00
Valley	3.00 @ 4.00
Lilies	12.50 @ 15.00
Violets	.75 @ 1.00
Snapdragon.....bunch, 35c @ 75c	
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
Trumpets	3.00 @ 4.00

MONTGOMERY on Grafted Roses, sent by The Review for 25 cents.

WELCH BROS., 226 Devonshire Street, Boston
The Largest Wholesale House in America
Orchids :: American Beauties :: Gardenias :: Other Seasonable Flowers
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WILLIAM J. BAKER, Wholesale Florist... 1432 South Penn Square, PHILADELPHIA, PA.
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ROSES AND SWEET PEAS
Eugene Bernheimer, 11 S. 16th St., PHILADELPHIA, PA.
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EASTER LILIES, CALLAS, CARNATIONS, VIOLETS AND ASPARAGUS.
Samuel F. Lilley, WHOLESALE FLORIST
A good market for more Choice Flowers
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J. Kopelman
Wholesale and Commission Florist
25 Washington St., Providence, R. I.
GREENHOUSES, OAKLAWN, R. I.

Wholesale Cut Flower Prices.

Boston, Feb. 7, 1912.

	Per 100
Beauty, Specials	$50.00 @ $75.00
" Extra	20.00 @ 40.00
" Short Stems	6.00 @ 15.00
Killarney	3 00 @ 16.00
White Killarney	4.00 @ 16.00
My Maryland	4.00 @ 16.00
Mrs. Aaron Ward	4.00 @ 12.00
Lady Hillingdon	4.00 @ 15.00
Richmond, Rhea Reid	4.00 @ 16.00
Carnations	1.50 @ 4 00
Cattleyas	35.00 @ 40.00
Cypripediums	6.00 @ 8.00
Pansies	.50 @ .75
Lily of the Valley	2 00 @ 3.00
Lilium Longiflorum	8.00 @ 10.00
Gardenias	5.00 @ 20.00
Violets	.50 @ .75
Sweet Peas	.25 @ .60
Antirrhinums	3.00 @ 5.00
Marguerites	1.00 @ 2.00
Paper White Narcissi	1.00 @ 1.50
Yellow Trumpet Narcissi	1.50 @ 2.00
Narcissus Poeticus	1.00 @ 1.50
Roman Hyacinths	1.00 @ 1.50
Mignonette	3.00 @ 8.00
Tulips	2.00 @ 3.00

St. Louis, Feb. 7, 1912.

	Per doz.
Beauty, Specials	$4.00 @ $5.00
" Extra	2.00 @ 3.00
" Shorts	1.00 @ 1.50
	Per 100
Bride, Maid	$ 6.00 @ $10.00
Richmond	6 00 @ 10.00
Maryland	6.00 @ 10 00
White Killarney	6.00 @ 10 00
Killarney	6.00 @ 10.00
Carnations	2.00 @ 3.00
Lily of the Valley	3.00 @ 4.00
Harrisii	10.00 @ 12.50
Orchids.....doz., $5.00 @ $6.00	
Violets	.50 @ .75
Paper Whites	3.00 @ 4.00
Romans	1.00 @ 2.00
Tulips	2 00 @ 3.00
Freesias	2.00 @ 3 00
Sweet Peas	.75 @ 1.50

The Munk Floral Co.
Wholesale Growers of
CUT FLOWERS
and Jobbers of
FLORISTS' SUPPLIES
Columbus, : Ohio

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WHOLESALE FLORIST
1402 Pine Street
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WHOLESALE FLORISTS
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Cut Flowers and Florists' Supplies.

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WHOLESALE FLORIST
56 E. Randolph St., CHICAGO
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A. L. Vaughan & Co.
WHOLESALE FLORISTS
159 North Wabash Avenue, Chicago
Write for Special Prices
Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Feb. 7, 1912.

	Per doz.
Beauty, long stems	$5.00 @ $6.00
" 36-in. "	4 00
" 30-in. "	3.00
" 24-in. "	2.50
" 20-in. "	2.00
" 15-in. "	1.50
" 12-in. "	1.25
" short "	.75 @ 1.00

	Per 100
Killarney	$ 5.00 @ $15.00
White Killarney	5.00 @ 15.00
Richmond	5.00 @ 15.00
My Maryland	5.00 @ 15.00
Mrs. Jardine	5.00 @ 15 00
Rhea Reid	5.00 @ 15.00
Mrs. Aaron Ward	5.00 @ 15.00
Rivoire (Bulgarie)	5.00 @ 15 00
Melody	5.00 @ 15.00
Perle	5.00 @ 10.00
Carnations	2.00 @ 4 00
Valley	2.00 @ 4.00
Easter Lilies	12.50 @ 15.00
Callas	12.50 @ 15.00
Cattleyas...per doz., $5.00 @ $6.00	
Violets	.30 @ .75
Sweet Peas	.75 @ 1.50
Paper Whites	2.00 @ 4 00
Romans	2.00 @ 3.00
Mignonette	4.00 @ 8.00
Freesia	2.00 @ 4.00
Tulips	3.00 @ 4.00
Jonquils	2.00 @ 4.00
Daffodils	3.00 @ 4.00

Pittsburgh, Feb. 7, 1912.

	Per doz.
Beauty, Specials	$5.00 @ $6.00
" Fancy	4.00
" Medium	2.00
" Short	1.00

	Per 100
Killarney	$ 4.00 @ $12.00
White Killarney	4.00 @ 12.00
Richmond	6.00 @ 15.00
My Maryland	4.00 @ 12.00
Carnations	2.00 @ 4 00
Cattleyas	25 00 @ 35.00
Oncidiums	4.00 @ 8.00
Valley	3.00 @ 4.00
Lilies	10.00 @ 12.00
Violets, double	.75 @ 1.00
Daisies	2.00
Paper Whites	3 00
Daffodils	3.00 @ 4.00
Sweet Peas	.75 @ 1.25
Lilac.....per bunch, $1.00 @ $1.50	
Baby Primroses	.15
Mignonette	3.00 @ 4.00

Cincinnati, Feb. 7, 1912.

	Per doz.
Beauty, Extra	$3.00 @ $6.00
" No. 1	3.00
" No. 2	1.00 @ 1.50

	Per 100
Killarney	$ 4.00 @ $ 6.00
Richmond	4.00 @ 6.00
Bride	4.00 @ 6.00
Carnations	2.00 @ 3 00
Lilium Harrisii	10.00 @ 15.00
Lily of the Valley	3.00 @ 4.00
Cattleyas	60.00
Violets	.50 @ 1.00
Narcissi	3 00
Sweet Peas	1.00 @ 2.00
Roman Hyacinths	3.00

THE REVIEW sends Scott's Florists' Manual postpaid for $5.

E. H. HUNT
Cut Flowers
131 N. Wabash Avenue, CHICAGO

J. A. BUDLONG
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WHOLESALE GROWER of CUT FLOWERS

CARNATION GROWERS!
To the live retailer—the business-builder: We grow carnations only. Know our business. For nineteen years have shipped direct from greenhouses to retailers and please them still. **Quality, Price, Service,** tell it. Why aren't you in line for as good as the best? Fall in and learn why we have long shipped the large first-class stores, from Winnipeg to Texas. Fire your orders at us and see how we do it.
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VALLEY, VIOLETS
DAISIES, LILIES, Etc.
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Telephone 756 Madison Square

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THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND
GARDENIAS, DAISIES, ROSES AND CARNATIONS
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Plants and Cut Fowers of every variety.
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Write for our special Catalogue.
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All colors. Wired ready for use, waterproof, more advantageous than natural Capes. Samples on request. Also a full line of Crepe Roses, Chrysanthemums, Callas, Easter Lilies, Orchids, Acacias, Violets, Sweet Peas, Valley, Carnations, etc., natural prepared Adiantum, Sea Moss, Metal Wreaths, Crosses, etc., and everything in the Florists' Supply Line.
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New York, Feb. 5, 1912.

	Per 100
Beauty, Specials	$40.00 @ $50.00
" Fancy	30 00 @ 40.00
" Extra	20.00 @ 30.00
" No. 1	8.00 @ 15.00
" No. 2	4.00 @ 6.00
Bride and Maid	2 00 @ 8.00
Killarney	2.00 @ 10.00
My Maryland	2.00 @ 10.00
Richmond	2.00 @ 15.00
Chatenay	3 00 @ 15.00
Jardine	3.00 @ 12.00
Prince de Bulgarie	4 00 @ 15 00
Lady Hillingdon	4.00 @ 15.00
Orchids	15.00 @ 50.00
Cypripediums	8.00 @ 12.00
Carnations	1.00 @ 4.00
Easter Lilies	8.00 @ 10 00
Lily of the Valley	1.00 @ 3.00
Gardenias...per doz., $0.50 @ $3.00	
Violets	.15 @ .50
Daisies	.25 @ 1.50
Hyacinths	.50 @ 1.00
Sweet Peas, doz. bches., $0.50-$1.50	
Narcissi .....bunch, .15- .25	
Callas.....per doz., 1.00- 2.00	
Lilac .....per bunch, .75- 1.00	
Mignonette....per doz., .25- .75	
Freesia.....per bunch, .20- .35	
Daffodils	1.00 @ 2.00
Tulips	1.00 @ 3.00
Pansies	1.00 @ 1.25

Cut out our ads for cinerarias and stevias, as we are completely sold out.—M. S. Wiecking Co., Bluffton, Ind.

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We manufacture all our Metal Designs, Baskets, Wire Work and Novelties.

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Gold and Purple Scripts.
Gummed gold, silver and purple letters, for inscriptions on floral designs. Best and cheapest on the market. Send for samples and prices.
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OPEN ALL DAY
An Unexcelled Outlet for CONSIGNED FLOWERS
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162 Livingston St., Brooklyn, N. Y.
GEORGE W. CRAWBUCK, Manager.
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Most convenient store for customers in the city. Tel 7062 Madison.

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☞ A complete assortment of the best in the market can always be relied upon.

The Greek American Florist Supply House

GEORGE COTSONAS & CO.



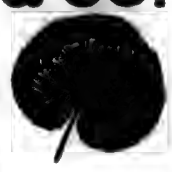
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SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.

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Orchids, Gardenias and Violets.

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WHOLESALE

All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Greens. Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

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Consignments solicited of

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Dealers in Florists' Supplies

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Room for the products of growers of first-class stock. We have what you want when you want it.

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Extra Fine—Fancy Ferns

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VIOLETS

CUT BLOOMS—NOW AT THEIR PRIME

SPECIAL PRICE:
85c per doz. bunches, in lots of 5 doz.
Less quantity, $1.00 per doz. bunches.
F. O. B San Francisco.

I am the pioneer and largest shipper. I have a special GIANT variety, single, dark purple, a wonderful keeper. Am now shipping regularly to florists in Omaha, Kansas City, etc., and not a box has arrived in bad condition. Have shipped successfully to New York. **Order a trial shipment.**

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1974 Bush St., San Francisco, Cal.

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PACIFIC COAST.

Subscribers on the Pacific coast should not fail to note that their special department of The Review has grown until it now occupies four pages. Give us a boost and the Pacific Coast Department will keep right on growing.

LIKE IT.

We want you to know how much we appreciate the Pacific Coast Department of The Review. It certainly is a great pleasure and of much interest to us. We hope in due time to be able to use the columns for advertising.

Garfield, Wash. Scott Bros.

FRISCO A SHIPPING CENTER.

The shipping of cut flowers from San Francisco has become a large industry. Frisco flowers go up and down the coast from Los Angeles, or even San Diego, to Portland and all the cities of the north. They go east for many hundreds of miles and violets go regularly as far as Omaha and Kansas City. So large has the business of shipping violets become that the Wells-Fargo Express Co. recently undertook to introduce them in the east. Mrs. R. E. Darbee, who is said to be the pioneer in the business, supplied stock which the express company carried to all the larger eastern cities. It is said that the violets were salable when they reached New York city, and that they actually were sold by commission men and satisfactory returns made to the shipper, but thus far the business has not extended beyond the Missouri as a practical, every-day affair. The violets shipped from San Francisco are not counted, but are made into bunches, which vary in size and number of violets according to the supply of stock. This is the height of the season, and for the next two months a big business will be done. The variety grown is a single, and many of the gardeners have special strains of their own. For size of flower and length of stem, they are quite a different article from the greenhouse-grown stock of these.

SAN FRANCISCO, CAL.

The Market.

Spring is here in splendid shape, and everything is lovely except that we are most awfully in need of rain. We have not had over one-half of the usual quantity and from present appearances there will be no further rainfall for some time. Stock of all kinds is plentiful, and for the first time since last fall we have some fancy roses to exhibit. Carnations are now at their best and, although the growers are not showing much of an inclination to put the prices down, they will have to do so in the near future owing to the excess of stock.

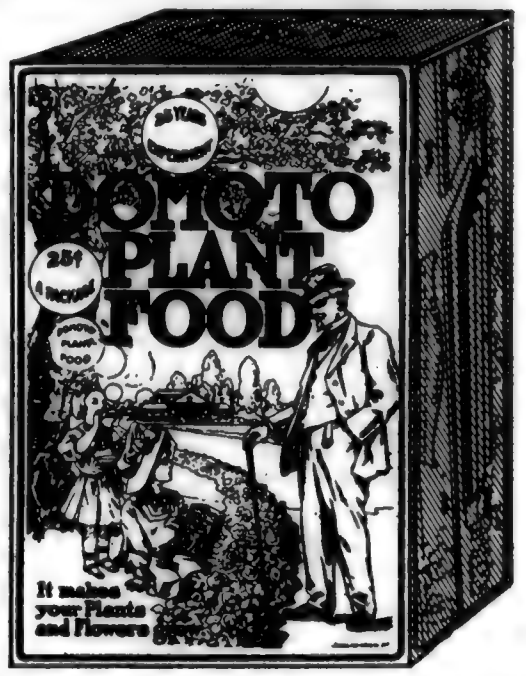
Violets by the million and narcissi and outside daffodils in any amount give the street hucksters, as well as the stores, plenty of cheap flowers to make an elegant showing. Many fruit blossoms are being sent into town and are proving popular with the flower buyers. Valley and orchids are in good supply, but are a little slow. Other lines of stock are about as usual, with nothing particular to mention except business, which is rather quiet at present.

Various Notes.

In their efforts to stimulate trade several basket men recently reduced the price of violets, which fact was resented by other hucksters in the neighborhood of the Chronicle building. A free fight ensued and hundreds of bunches were trampled on the sidewalk and three Italians taken in charge by the police before quiet was restored.

Probably the oldest florist on the Pacific coast died in Alameda, Cal., January 26, aged 89 years. She was Mrs. Julia Brock and, although she had not been in business in San Francisco for over twenty-five years, there are several well known retailers who learned the trade in her store, which at that time was located on Commercial street, then one of the most popular retail thoroughfares.

Bishop & Ely, the well known tree



What Is It?

It is a vegetable fertilizer.
It is absolutely odorless.
For potted plants, lawns and gardens.
25c per package.
Distributors wanted in each state. Write for particulars.

North American Mercantile Co.
318-320 Front Street
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Direct Importations---Tree Fern Stems

Due to arrive in the early spring of 1912.
The grandest and most graceful of all decorative plants.

Alsophila robusta, Dicksonia Antarctica, Dicksonia squarrosa, Cyathea medullaris, Cyathea dealbata, Cyathea Smithii Cyathea Cunninghami.

All sizes from three feet up.

We will also receive specimen plants of Platyceriums and Todeas,

Prices and particulars on application.

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Rooted Cuttings.....$2.50 per 100

Asparagus Plumosus
Planted out, ready for 3-in.....$2.50 per 100

Chrysanthemum Stock Plants
Col. Appleton, Maj. Bonnaffon, Silver Wedding, $2.50 per 100.

Yellow Eaton, Goldon Chadwick, Halliday, Oct. Sunshine, Monrovia, Golden Glow, Kalb, V. Poehlmann, Oct. Frost, Touset, A. Byron, W. Chadwick, Lynnwood Hall, Balfour, Dr. Enguehard, Pacific Supreme, Gloria, Amorita, J. Rosette, stock plants, $4.00 per 100; 60c per doz. Try my ASTER SEED. See my classified ads under seeds.

M. J. CALLAHAN, Ventura, Cal.

Mention The Review when you write.

CYCLAMEN

	Each
6-inch, stocky	$0.50
5-inch, stocky	.35
4-inch, stocky	.20
Primula Forbesi, 3-inch, ready for shift	.06
2¼-inch, ready for shift	.03
3-inch, outdoor varieties, mixed colors	.04
Shasta Alaska, Golden Glow, Golden Rod, strong divisions	.02
Coreopsis Lanceolata, transplanted plants	.01

30 leading varieties of **Mum Cuttings,** ready after March 1st. Write for varieties and prices.

SAN JOAQUIN FLORAL CO.
336 E. Weber Ave., STOCKTON, CAL.

Mention The Review when you write.

Asparagus Plumosus and Sprengeri
Out of 2-inch pots, $3.00 per 100.

Phoenix Canariensis, out of 2½-inch pots, $5.00 per 100.

Washingtonia Sonorae, out of 2-inch pots, $5.00 per 100.

H. KEMPF, Pacific Nursery
3041 Baker St., SAN FRANCISCO, CAL.

Mention The Review when you write.

A Few Bargains, on roses, carnations, chrysanthemums and general line of bedding stock.
S. A. Nutt Geraniums, 2½-in., strong, 3c.
Mme. Salleroi, R. C., 1c.
Petunia, double, R. C., 2c.; **single**, 1c.
German Giant Pansies, Mette's Triumph, the Giants, Mme. Perret, Masterpiece, Five Blotched, Cassier and many others, $3.00 per 1000. Act quickly, as they will not last long at this price.
Send for Price List.
F. G. EHLE, 224 Sanborn Ave. SAN JOSE, CAL.
Mention The Review when you write.

CURRIER BULB CO.
Wholesale Growers of
Bulbs and Plants
SEABRIGHT, CAL.
Gladiolus and Calla Lilies a specialty. Large stock of America Gladiolus.
Mention The Review when you write.

CARNATION SPECIALISTS
California Carnation Co.
LOOMIS, CAL.
Mention The Review when you write.

surgeons, are at present engaged in making an effort to save the native oaks on the Crocker and De Sabla estates at San Mateo. G.

SEATTLE, WASH.

The Market.

Business during the last week has been none too good. The brighter weather of the last few days is bringing out carnations in greater numbers and there is now rather an oversupply of these flowers. Violets, both home-grown and from California, are quite plentiful. Bulbous stock of most varieties is abundant and is not moving any too fast. Retailers and growers alike are hoping for a brisker demand to move the surplus stock.

Various Notes.

T. V. Wilson, at Bryn Mawr, is entirely renewing the interior of one of his large houses, preparatory to planting it with cucumbers.

H. E. Rees, of Van Slyke & Seamons, Tacoma, was a visitor here on Sunday, January 28. T. W.

PORTLAND, ORE.

The Market.

Business last week was entirely satisfactory to all. Graduation exercises at the high schools, as usual, created a demand for stock, bright colors in particular. Carnations are plentiful, but the standard of prices is maintained, excepting in the lower grades. Roses are equal to demand, but the crop is being gradually shortened. Spring flowers are in profusion; the bright, mild weather will soon bring them from the outside. The call for rose bushes and shrubs is unusually early this spring, and the out-of-town trade is keeping the seed and plant houses busy.

Various Notes.

It has been said of champions in different sports that after being defeated "they never come back." This is entirely untrue concerning James Forbes as a champion pool shark. In a match game that took place recently between S. R. Lundy, of A. L. Randall Co., Chicago; J. A. Mullen, of Julius Roehrs Co., and James Forbes, the latter certainly played in old championship style. It is claimed by all who watched

CARNATION CUTTINGS

ROOTED OR UNROOTED.

	100	1,000	Unrooted 1,000
Enchantress	$2.50	$20.00	$10.00
R. P. Enchantress	2.00	18.00	10.00
White Enchantress	2.50	20.00	10.00
Washington	6.00	50.00	37.50
Pink Delight	3.00	25.00	....
White Wonder	6.00	50.00	37.50
Princess Charming	6.00	50.00	37.50
Dorothy Gordon	3.00	25.00	12.50
White Perfection	2.50	20.00	10.00
Victory	2.00	17.50	10.00
Harlowarden	1.75	15.00	8.00
Alma Ward	2.50	22.50	11.50
Admiration	2.00	18.00	9.00

Twenty-five or more at 100 rate, 250 at 1000 rate. We prepay on orders amounting to $10.00 or more for rooted cuttings. All orders for unrooted cuttings F. O. B. Loomis.
LOOMIS CARNATION CO., D. F. RODDAN & SON, Props. Loomis, Placer Co., Cal.
Mention The Review when you write.

Los Angeles Flower Market
CHAS. E. MORTON, Mgr. 414½ S. Broadway, Los Angeles, Cal.
The best equipped wholesale house on the Pacific Coast. Handling the entire cut from eighteen large growers. Roses, Carnations, Violets, Plumosus, Ferns, Smilax, in fact everything in season.
FLORISTS' SUPPLIES
Write, telegraph or telephone your orders. Prompt attention given.
Mention The Review when you write

Rooted Carnation Cuttings READY NOW

	Per 100	1000		Per 100	1000
Enchantress	$2.00	$18.00	Winsor	$2.00	$18.00
R. P. Enchantress	2.00	18.00	Winona	2.00	18.00
Pure White Enchantress	2.25	20.00	Beacon	2.00	18.00
Dorothy Gordon	3.00	25.00	Victory	2.00	18.00
Pink Delight	3.00	25.00	Eldorado	2.00	18.00

Express prepaid on orders amounting to $10.00 or more.
BASSETT'S FLORAL GARDENS, B. S. BASSETT, Proprietor LOOMIS, CAL.
Mention The Review when you write.

Rooted Carnation Cuttings Immediate Delivery

	100	1000		100	1000
Rose-pink Enchantress	$2.00	$18.00	Eldorado	$1.80	$17.00
Enchantress	1.80	17.00	Victory	1.80	17.00
W. Enchantress	2.00	18.00	Winona	1.70	16.00
Beacon	1.80	17.00	W. Perfection	2.50	20.00
Harlowarden	1.70	16.00	O. P. Bassett	2.50	20.00
White Lawson	1.80	17.00	Winsor	2.00	18.00

All heel cuttings and well rooted. FALLEN LEAF GREENHOUSES, Roseville, Cal.
Mention The Review when you write.

CARNATIONS
ROOTED CUTTINGS
Enchantress, R. P. Enchantress, Winsor, O. P. Bassett, Victory, May Day, Boston Market, Eldorado, Harlowarden, Flora Hill, $18.00 per 1000.
Pink Delight, $25.00 per 1000.
El Durasno Flower Co., Newcastle, Cal.
L. A. SMITH, Manager
Mention The Review when you write.

PALMS PALMS PALMS PALMS PALMS
WASHINGTONIA ROBUSTA
1, 1½, 2, 2½, 3 and 3½ ft., at 25c, 30c, 40c, 45c, 55c and 75c each (balled plants). Ask for our Wholesale Palm List of all kinds of Palms (Cocos, Phoenix, Seaforthia, etc.) State quantity wanted.
EXOTIC NURSERIES, Santa Barbara, Cal.
PALMS PALMS
Mention The Review when you write.

SHASTA DAISIES
Alaska, California and **Westralia,** extra strong field divisions, $24.00 per 1000; $2.50 per 100.
Cyclamen Persicum Giganteum, 3, 4 and 5-in. pots, $7.00, $12.00 and $20.00 per 100. Fine bushy plants, well budded.
Asparagus Plumosus, 3-in., $5.00 per 100.
Asparagus Sprengeri, 3, 4 and 5-in. pots, $5.00, $8.00 and $15.00 per 100.
Also **Shasta Daisy, Pentstemon Hybridum Grandiflorum, Delphinium Hybridum** and other choice seeds. Send for list.
Cash, please.
FRED GROHE, Santa Rosa, Cal.
R. D. 4.

BARGAIN PRICES
Selling out all nursery stock except Kentias. **Areca Sapida**, potted, 2, 2½, 3, 3½, 4, 4½, 5, 5½-feet, at $1.20, $1.40, $1.80, $2.30, $2.90, $3.50, $4.20, $4.80 each. **Phoenix Canariensis,** balled and ready for shipment, 3, 3½, 4, 4½, 5, 5½-feet, at 60c, 80c $1.00, $1.20, $1.45, $1.75 each. **Phoenix Can.**, from 2½-inch, $5.00 per 100. **Washingtonia Rob.**, from 2-inch, $4.50 per 100. **Cocos Plumosa**, balled, 3, 4, 5, 6, 7 feet, at $1.00 $2.00, $3.00, $4.50, $6.00 each.
Write for special prices on carload orders.
Kentia Nurseries, - Santa Barbara, Cal.

the game that he is not a "has-been," but is still open to meet all comers.

Portland seems to be behind the times compared with other cities. What we need is a florists' club where the employers, employees and growers can get together and discuss topics of interest. So far, all efforts along this line have brought little response. Who will start the ball rolling? It will be beneficial to the florists as well as to the flower buying public; it will place the business on a higher plane of commercialism, so let's get together and do something. E. R. C.

GOLDENSON'S FIRST BOAR.

The accompanying illustration shows Morris Goldenson, the Los Angeles retail florist, and his first wild boar. Mr. Goldenson modestly stands in the background, though in the center of the



Morris Goldenson's First Wild Boar.

picture, with his hand on the barrel of the gun that did the business. This was the first of four wild boars he shot on his recent hunting trip in the Santa Cruz island and he is proud of his record as a nimrod. Wild geese and seals were also among the game bagged. H. R. R.

TACOMA, WASH.

The Market.

With our warm weather of the last few weeks in mind, it seems impossible to realize that there is such a thing as the zero weather which the east and parts of the west have been having lately. It is no unusual thing here to see roses blooming outside in some sheltered nook, and some of the earliest trees, such as the pussy willow, have already begun to open their buds. Many of the bulbs are pushing up through the ground and some of the hyacinths are beginning to bud on the lawns.

Business conditions are about as last reported, but stock seems to be more plentiful than at that time, though carnations, roses, etc., are still scarce. There is scarcely any valley to be seen, as none of the growers care to force any quantity, with the market uncertain and prices none too good. Tulips and Dutch hyacinths are arriving in small quantities, but the demand far exceeds the supply. Potted plants have moved slowly since the holidays, and those who were so unfortunate as to have primulas, cyclamens and other blooming plants left over at Christmas are still carrying them, with little prospect of unloading at this time.

Various Notes.

Edwin Goldsack has severed his connection with the Northwestern Floral Co. and will take charge of the growing

ASPARAGUS PLUMOSUS NANUS SEED

Season 1911–1912.

Ready NOW--our own grown new crop seed

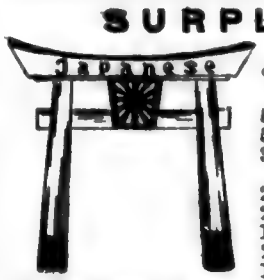
In Lots of 1,000 ..... per 1000, $2.50
In Lots of 10,000 ..... per 1000, 2.00
In Lots of 20,000 ..... per 1000, 1.75
In Lots of 50,000 ..... per 1000, 1.50

Write for quotations on larger lots.

Los Angeles Flower Market, 414½ South Broadway LOS ANGELES, CAL.

Mention The Review when you write.

SURPLUS STOCK--CHEAP TO CLEAR.



Field-Grown Roses—Two-year-old, own root, 20 to 36 inches high. For cash only. Lots of 500 and up 5 per cent off.

	Per 100
5000 American Beauty	$10 00
5000 La France	9.00
3000 Baby Rambler	10 00
.... Cherokee, pink and white	10.00
2000 Ulrich Brunner	10.00
2000 Caroline Testout	10 00
1000 Climbing C. Testout	10.00
2000 Frau Karl Druschki	10.00
1000 White Cochet	10.00
3000 Francisca Kruger	9.00
3000 Duchess of Albany	9.00

	Per 100
3000 Duchess de Brabant	$ 9.00
1000 Richmond	10.00
PALMS	
Phœnix Canariensis (3-in..)	10.00
6000 P. Canariensis, one year established in 5-gallon cans, 3 ft. to 6 ft. high, 75c, $1.00 to $1.50 each.	
1000 Washingtonia Robusta, in 5-gallon cans, 3 to 4 ft. high, 75c up.	

YOKOHAMA NURSERIES, R. F. D. No. 8, Box 6, LOS ANGELES, CAL.

Mention The Review when you write

Sweet Peas For Northern Shipments

also fine assorted Stocks, Gilliflowers and Sweet Sultans — lavender and white.

Cut Flowers, Greens and Florists' Supplies

SAN FRANCISCO DEALERS PLEASE NOTE: Orders booked now for new crop seed when ready. **Asparagus Plumosus,** $2.00 per 1000. **Asparagus Sprengeri** (ready now), 50c per 1000; $3.00 per lb. Small quantity of **Smilax** seed left, 1911 crop, cheap to clear.

H. N. GAGE CO., Wholesale Florists and Supplies, 534 SOUTH BROADWAY, LOS ANGELES, CAL.

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CUT ROSES OF QUALITY
Every Day in the Year.

DIETERICH & TURNER

MONTEBELLO, CAL.

THE PROGRESSIVE FIRM

Mention The Review when you write.

MEXICAN IVY Best and Most Lasting Green

Prices f. o. b. Los Angeles or Santa Cruz, Cal.

Mexican Ivy 1000,	$5.00
Brake Ferns 1000,	2.50
Smilax Strings, doz.,	1.50
Asp. Plumosus..doz.,	3.50
Huckleberry, bunch,	.50

All Classes of Greens and Cut Flowers

Cash from unknown parties

Tassano Bros. 356 S. Hill St., 304 W. 9th St., Wholesale Florists LOS ANGELES, CAL.

Mention The Review when you write

J. A. Bauer Pottery Co.

415 to 421 Avenue 33, Los Angeles, Cal.

Carry a large stock of nice **Red Pots.** All orders shipped promptly.

Largest Pottery on Pacific Coast.

Mention The Review when you write.

STANDARD POTTERY CO.

652-4 S. Griffin Ave., Los Angeles, Cal.

West India Gardens, Altadena, Cal.

Standard Pottery Co., Dear Sirs:—You have now delivered us about 34,000 4-in. pots out of the order for 40,000 we placed with you. Same have been entirely satisfactory. As soon as you have completed the order for 40,000, deliver us two good loads more of 4-in. pots, or about 4000 or 5000, then hold till further advices. We shall probably want 5000 to 7000 more.

(Signed) F. O. Popenoe, President.

Flower Pots, Vases and Ornamental Ware For Florists' Use Only.

Mention The Review when you write.

HOWARD & SMITH

Ninth and Olive Sts., Los Angeles, Cal.

For all classes of

Ornamental and Flowering Plants

Roses a Leading Specialty

Nurseries cover nearly 100 acres.

Mention The Review when you write.

Asparagus Sprengeri

Cut Sprays, 2 to 4 feet long,

$1.00 - per 100

Walter Armacost

OCEAN PARK :: CAL.

Always mention the Florists' Review when writing advertisers.

SURPLUS STOCK

50 A-1 Calceolaria, 2½-in.....4 c each
50 Primrose Malacoides.....5 c each
500 Mixed Bedding Geraniums, 3-in..3 c each
200 Asparagus Plumosus Seedlings ..2½c each
300 Asparagus Sprengeri Seedlings ..2 c each
Satisfaction guaranteed

SUNNYSIDE GREENHOUSES, Cottage Grove, Ore.

Mention The Review when you write.

"HIGHEST QUALITY"

Seeds, Plants, Bulbs and Supplies

Florists' and Gardeners' Trade solicited.
Catalogue on request.

Routledge SEED & FLORAL Co.

169 SECOND ST., PORTLAND, ORE.

Mention The Review when you write.

for A. A. Hinz. Mr. Goldsack is well known here and we wish him success in his new position.

Gen. A. J. Gooch, of San Francisco, has been in the northwest during the last week, looking over the shipping situation with a view to finding an outlet for his surplus stock. He reports business good.

The Florists' Club meets on the first Thursday night of each month.

J. L. S.

LOS ANGELES, CAL.

The Market.

Though on some days it has taken quite a little hustling on the part of the wholesalers to clean up, there has been practically no surplus of stock and at the time of writing business has picked up considerably, and all lines, with the possible exception of violets, meet with an encouraging demand. As to the violets, one wholesaler, who had a big lot of stock that looked like piling up on him, cleaned it out at 15 cents the dozen bunches. A touch of spring is given by the appearance of the outdoor daffodils, Dutch hyacinths and other bulbous stock. The dry weather, though against some flowers, is really in favor of these where the soil is well fed and irrigated. As to roses and indoor carnations, little need be added to the last report on these. An abundance of good funeral work has helped clean up in all lines.

The shortage noted in sprays of Asparagus plumosus continues and this has led to a good demand for adiantum. Growers are reporting a good harvest on this fancy green. The demand for plants is not great; neither is the supply. It seems that if some of the pretty little plants of Primula obconica and other stock that one sees at the greenhouses were shown more freely at the retail stores, the demand would be stimulated. Orchids continue plentiful, but Valentine's day will probably find the bulk of Cattleya Trianæ past its best here, though northern growers say they will have a good supply. The weather continues perfect for sightseers and tourists, but nurserymen, seedsmen and all "native sons" want rain badly.

Various Notes.

Charles Brazee has about 2,000,000 bulbs of various kinds planted and to be planted at his famous bulb grounds at Wilmington. The writer never saw anything more promising looking than his daffodils, which will probably be in flower by the time these notes are printed. Six, seven and more shoots to a bulb are not uncommon. Mr. Brazee believes in feeding, and plenty of it. The whole of his immense cut will be handled by the Los Angeles Flower Market.

L. J. Stengel, of 261 North Johnston street, is an old-timer in the business, having established his present place in 1874. He has a fine stock of pines, ferns and eucalyptus, all in the hundreds of thousands and in the finest condition, but says trade is a little slow on account of the dry weather.

C. C. Terbush reports a falling off in business since Christmas. He has a fine stock of pot roses ready when the rain comes.

Howard & Smith have their new catalogue ready and the work in it is magnificent. Seldom have finer halftones been used in catalogue work. E. Howard is starting on another trip to Mexico in the interest of the Doheney collection. He will first go to El Paso, Tex., where a couple of carloads of stock have been shipped, to be used in beautifying some of Mr. Doheney's business property there. A field of del-

[Concluded on page 92.]

CHRYSANTHEMUM STOCK PLANTS

WHITE	Per plant
Mrs. David Syme	$1.00

Other Varieties	Per doz.	100
W. Oct. Frost	$0.60	$4.00
White Cloud	.60	4.00
Ivory	.60	4.00
Virginia Poehlmann	.60	4.00
Touset	.60	4.00
Alice Byron	.60	4.00
W. Eaton	.60	4.00
W. Chadwick	.60	4.00
Jeanne Nonin	.60	4.00

YELLOW	Per doz.	100
Yellow Oct. Frost	$0.75	$5.00
Oct. Sunshine	.60	4.00
Halliday	.60	4.00
Yellow Ivory	.75	5.00
Golden Chadwick	.60	4.00
PINK		
Pink Ivory	.60	4.00
Balfour	.60	4.00
Dr. Enguehard	.60	4.00
Maud Dean	.60	4.00
BRONZE		
Fancy Bronze	.75	5.00

ROOTED CARNATION CUTTINGS

	R. C.		2½-in. pots	
	100	1000	100	1000
Enchantress	$2.50	$20.00	$3.50	$30.00
White Enchantress	2.50	20.00	3.50	30.00
Winsor	2.50	20.00	3.50	30.00

	R. C.		2½-in. pots	
	100	1000	100	1000
Harlowarden	$2.50	$20.00	$3.50	$30.00
Beacon	3.00	25.00	4.00	35.00

Woodland Park Floral Co. S. POOLMAN, Mgr. P. O. Lock Box 86. SUMNER, WASH. Phone Farmers 84.

Mention The Review when you write.

BETTER ASTERS MEAN MORE TRADE.

Our **high-grade Oregon-grown seed** never fails to **produce** good flowers. Here we find the real home of the aster, and careful attention to the little details that go to make quality, gives us **the best Asters in the market.**

	⅛ oz.	¼ oz.	½ oz.	1 oz.
Crego Aster, in white, shell-pink, rose-pink, lavender and purple	$0.40	$0.75	$1.50	$3.00
Vick's Mikado Pink "Rochester," a lavender-pink	.40	.75	1.50	3.00
Daybreak and **Purity,** delicate pink and snow white	.30	.55	1.10	2.00
Lady Roosevelt, bright pink	.25	.50	.70	1.00
Dreer's Superb Late Branching, in five colors of Crego	.25	.50	.70	1.00

Ask for descriptive circular. Send cash with order.

HERBERT & FLEISHAUER, Aster Specialists, McMINNVILLE, ORE.

Mention The Review when you write.

Japanese Genuine Lily Bulbs

We book orders now. Don't miss it. The stock we offer is grown for American trade and strictly choice, high-grade. Write for price list for 1912. Specialists in all kinds of Japanese Lily Bulbs.

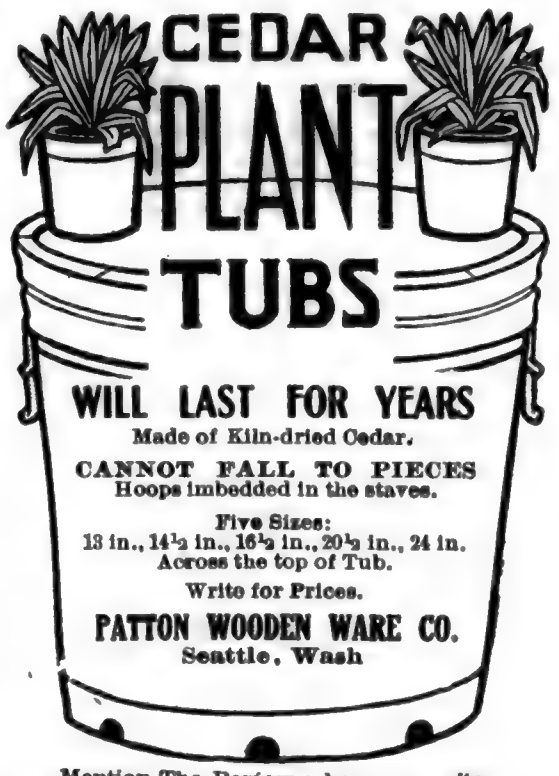
S. MIYAKE & CO., 1020 Main St., SEATTLE, WASH.

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BURNS FLORAL CO.
601 Third Avenue
SEATTLE, WASH.
WHOLESALE FLORISTS
Carnations a Specialty

Mention The Review when you write.

RAHN & HERBERT
110 E. 49th St., PORTLAND, ORE.
GERANIUMS
2-in. pots. Hill, Nutt, Jacquerie, Trego, Chapatin, Landry, Buchner, $3.00 per 100; $25.00 per 1000. Hall Caine, $5.00 per 100. Ivy Geranium, Baden Powell, Charles Turner, Ryecroft's Surprise, $3.50 per 100. Daisy, Mrs. Sander and Soleil d' Or, 2-in. pots, $5.00 per 100.
Palms, Ferns and Araucarias.
Mention The Review when you write.



Mention The Review when you write.

Choice Cyclamen, grown cool, full of blooms 6-in., 65c, 75c; 5-in., 50c, 60c. **Sprengeri and Plumosus Nanus,** 3-in., $6.00 100. **Geraniums,** 3-in., $5.00 100. **Carnations,** March delivery: Beacon, $25.00 1000; Perfection, White and Pink Enchantress, Sangamo, Alma Ward, $20.00 1000. **Mum Stock,** standard varieties, $4.00 100. Smith's Advance, Gloria, Sisowath, Donatello, Patty, Polypheme, Western King, $5.00 100. **Two-year-old Rose Bushes, Perennials, etc.**

Van Slyke & Seamons, Tacoma, Wash.

Mention The Review when you write.

Nursery Stock For Florists' Trade

Large General Assortment for Spring Planting

WRITE FOR TRADE LIST

W. & T. SMITH COMPANY, Geneva, N. Y.

800 ACRES —— 65 YEARS

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Officers for 1911-12: Pres., J. H. Dayton, Painesville, O.; Vice-pres., W. H. Wyman, North Abington, Mass.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-seventh annual meeting, Boston, June 1912.

A NEW frost-proof storage and packing cellar is in use this season by the Farmer Seed & Nursery Co., Faribault, Minn. It cost $5,000.

ROCHESTER is proud of the Ellwanger & Barry establishment and the Post-Express of that city devoted a full column of its issue of January 29 to a review of the firm's 1912 catalogue.

EARL M. WILSON, for the last four years advertising manager of Stark Bros. Nurseries & Orchards Co., Louisiana, Mo., has resigned to accept a position on the advertising staff of the Curtis Publishing Co., of Philadelphia. His headquarters will be in Chicago.

AT E. S. Welch's Mount Arbor nursery a carrier system is being installed in their big storage plant, which will be a valuable addition to the equipment. By the use of the carrier system trees and boxes can be transported from one part of the plant to another, and transferred to the cars. The system is being installed by the Richards-Wilcox Mfg. Co., Aurora, Ill.

A NURSERY company with a paid up capital of $58,000 is to be established immediately at Willow, Cal. The chief promoters and stockholders are L. C. Rice & Son, nurserymen of Los Angeles, and W. R. Chesley and F. H. Griswold, of Willows. The company is to incorporate with a capital stock of $100,000, and with headquarters in Willow. A site has been secured four miles from town.

AT the meeting of the Tennessee State Nurserymen's Association, at Nashville, January 26, the full program of which appeared in this column last week, the following officers were elected: President, E. W. Chatten, Winchester; vice-president, W. W. Twitty, Taft; secretary-treasurer, Prof. G. M. Bentley, Knoxville; sectional vice-presidents, Charles Pennington, Rutherford, west Tennessee; Joe Webb, Smithville, middle Tennessee; A. I. Smith, Knoxville, east Tennessee.

THE PLANT QUARANTINE BILL.

January 15 Representative Simmons introduced in the House of Representatives the bill prepared by Prof. S. J. Hunter at the request of and approved by the nurserymen's organizations to cover the subject of federal inspection and plant quarantine. The bill is as follows:

A BILL

To regulate the importation and interstate transportation of nursery stock, to enable the Secretary of Agriculture to appoint a Federal Horticultural Commission and to define the powers of this commission in establishing and maintaining quarantine districts for plant diseases and insect pests, to permit and regulate the movement of fruits, plants, and vegetables therefrom, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Federal Horticultural Commission shall be established with the powers and for the purposes hereinafter defined.

Sec. 2. That this Federal Horticultural Commission shall consist of the Solicitor of the Department of Agriculture, two members from the Bureau of Plant Industry, and two members from the Bureau of Entomology. This Commission shall be appointed by the Secretary of Agriculture. The Solicitor of the Department of Agriculture shall be Chairman, and a Secretary shall be elected annually from the commission.

Sec. 3. That it shall be unlawful for any person, firm, or corporation to import or offer for entry into the United States from any foreign country any nursery stock unless and until a permit shall have been issued therefor by the Federal Horticultural Commission, under such conditions and regulations as the said Commission may prescribe, and unless such nursery stock shall be accompanied by a certificate of inspection in manner and form as required by the aforesaid commission from the proper official of the country from which the importation is made to the effect that the stock has been inspected and found free from injurious plant diseases and insect pests; Provided, That the Horticultural Commission shall issue the permit for any particular importation of nursery stock when the conditions and regulations as prescribed in this section shall have been complied with: Provided further, That this section shall not be construed as applying to plants or plant products solely intended for and adapted to use as food, but to nursery stock or other plants or plant products for propagation; Provided further, that nursery stock may be imported for experimental or scientific purposes, without the certificate of inspection or the permit of the Horticultural Commission hereinbefore required, upon such conditions and under such regulations as the said commission may prescribe; and provided further, That nursery stock imported from countries where no official system of inspection for such stock is maintained, may be admitted upon such conditions and under such regulations as the Horticultural Commission may prescribe.

Sec. 4. That it shall be the duty of the Secretary of the Treasury promptly to notify the Federal Horticultural Commission of the arrival of any nursery stock at ports of entry; that the person, firm, or corporation receiving such stock at port of entry shall, immediately upon entry and before such stock is delivered for shipment or removed from the port of entry, advise the Federal Horticultural Commission, or the proper State or Territorial Official in the State or Territory to which such nursery stock is destined, of the name and address of the consignee, the nature and quantity of stock it is proposed to ship and the district and country where grown; that no person, firm, or corporation shall ship or offer for shipment to any common carrier, nor shall any common carrier transport or receive for transportation, any nursery stock imported into the United States from one State or Territory or the District of Columbia, into another State or Territory or the District of Columbia without notifying the Federal Horticultural Commission, or the proper State or Territory Official in the State or Territory to which such nursery stock is destined, immediately upon the delivery of the said stock for shipment and before transportation is begun, of the name and address of the consignee, of the nature and quantity of stock it is proposed to ship, and the country and district where the same was grown.

Sec. 5. That no person, firm, or corporation

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City. Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS, Nurserymen and Florists RUTHERFORD, N. J.

PEONIES

We have one of the finest stocks anywhere in the country and should be very glad to figure with you on your list of wants.

PETERSON NURSERY,
Stock Exchange Building, CHICAGO

Mention The Review when you write.

HARDY CHOICE
ORNAMENTALS
Ask for Prices
Hiram T. Jones
Union County Nurseries, Elizabeth, N. J.

Mention The Review when you write.

FIELD GROWN SHRUBS IRIS THE USN CO PÆONIES ROSES

The United States Nursery Co.
Koseacres, Coahoma Co., MISS.

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LARGE TREES
OAKS AND MAPLES, PINES AND HEMLOCKS
ANDORRA NURSERIES
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Mention The Review when you write.

shall import or offer for entry into the United States any nursery stock unless the case, box, package, crate, bale, or bundle thereof shall be plainly and correctly marked to show the general nature and quantity of the contents, the country and district where the same was grown, the name and address of the shipper, owner, or person shipping or forwarding the same, and the name and address of the consignee.

Sec. 6. That no person, firm, or corporation shall ship or deliver for shipment to any common carrier, nor shall any common carrier accept for transportation or transport from one State or Territory or the District of Columbia into another State or Territory or the District of Columbia, any such imported nursery stock, the case, box, package, crate, bale, or bundle whereof is not plainly marked so as to show the nature and quantity of the contents, the name and address of the consignee, and the country or district where such stock was grown.

Sec. 7. That the Federal Horticultural Commission be, and is hereby, authorized to make such rules and regulations as may be necessary for carrying out the purpose of this Act.

Sec. 8. That whenever, in order to prevent the introduction from any foreign country into the United States of any tree, plant or fruit disease, or of any injurious insect, new or not theretofore widely prevalent or distributed within and throughout the United States, the Horticultural Commission shall determine that it is necessary to forbid the importation into the United States of nursery stock or of any class of fruits, vegetables, bulbs, plants, and seeds from a country where such disease or insect infestation exists, it shall promulgate such determination, specifying the country and district, and the nursery stock or the class of fruits, vegetables, bulbs, plants, or seeds, which, in the opinion of the Commission, should be excluded, and, following the promulgation of such determination by the said Commission and until the withdrawal of the said promulgation by it, the importation of nursery stock or of the class of fruits, vegetables, bulbs, plants or seeds specified in the said promulgation, from the country and district therein named, regardless of the use for which the same is intended, is hereby prohibited, and until the withdrawal of the said promulgation by the said Commission, and notwithstanding that such nursery stock, fruits, vegetables, bulbs, plants, or seeds be accompanied by a certificate of inspection from the country of importation, no person, firm, or corporation shall import or offer for entry into the United States from any foreign country specified in such promulgation any of the nursery stock or of the class of fruits, vegetables, bulbs, plants, or seeds named therein, regardless of the use for which the same is intended. Provided, That before the Federal Horticultural Commission shall promulgate its determination, that it is necessary to forbid the importation into the United States of the articles named in this section, it shall give a public hearing on the question, at which hearing any party in interest may appear and be heard, either in person or by attorney.

Sec. 9. That the Federal Horticultural Commission is authorized and directed to quarantine any State or Territory or the District of Columbia, or any portion thereof, when it shall determine the fact that a dangerous plant disease or insect infestation new or not theretofore widely prevalent or distributed within and throughout the United States exists, in such State or Territory, or the District of Columbia; and the said Commission is directed to give notice of the establishment of such quarantine to common carriers doing business in or through such quarantined area, and shall publish in such newspapers in the quarantined area as it shall select notice of the establishment of quarantine; that no person, firm, or corporation shall ship or offer for shipment to any common carrier, nor shall any common carrier receive for transportation or transport, nor shall any person, firm, or corporation carry or transport from any quarantined portion thereof, into or through any other State or Territory or the District of Columbia, any nursery stock or any fruits, vegetables, bulbs, plants, or seeds, except as hereinafter provided; that it shall be unlawful to move, or allow to be moved, any nursery stock, or any fruits, vegetables, bulbs, plants, or seeds specified in the notice of quarantine hereinbefore provided, and regardless of the use for which the same is intended, from any quarantined State or Territory or the District of Columbia, or quarantined portion thereof, into or through any other State or Territory or the District of Columbia, in manner or method or under conditions other than those prescribed by the Federal Horticultural Commission; that it shall be the duty of the Horticultural Commission to make and promulgate rules and regulations which shall permit and govern the inspection, disinfection, certification, and method and manner of delivery and shipment of nursery stock, or any fruits, vegetables, bulbs, plants, or seeds specified in the notice of quarantine hereinbefore provided, and regardless of the use for which the same is intended, from a quarantined State or Territory or the District of Columbia, or quarantined portion thereof, into or through any other State or Territory, or the District of Columbia; and the said Commission shall give notice of such rules and regulations as hereinbefore provided in this section for the notice of the establishment of quarantine. Provided, That before the Federal Horticultural Commission shall promulgate its determination that it is necessary to quarantine any State, Territory, district, or portion thereof, under the authority given in this section, it shall give a public hearing on the question, at which hearing any party in interest may appear and be heard, either in person or by attorney.

Sec. 10. That whenever in this Act the term "nursery stock" is used, it shall be construed as including field-grown florists' stock, trees, shrubs,

CALIFORNIA PRIVET

I have been growing Privet as a specialty for sixteen years. It takes experience to become proficient. If you will give me a trial order, you will be convinced. After you have placed an order with me, you can feel satisfied you are going to get stock graded in such a manner your customer will be more than pleased. I still have a large stock of good, bushy plants to offer. Let me quote you.

C. A. BENNETT

Robbinsville Nurseries ROBBINSVILLE, N. J.

Mention The Review when you write.

ROSES FOR FORCING

"THE J. & P. PREFERRED STOCK"

We consider the deliveries we are now making to be the best plants we have ever grown. We have a few left for late buyers. **Crimson Rambler, Hiawatha, Veilchenblau (Blue Rambler), White Dorothy, Philadelphia Rambler, at $15.00 per 100; Tausendschon, $18.00 per 100; Dorothy Perkins, $12.00 per 100.**

BABY ROSES. Crimson, Baby Rambler, $15.00 per 100; Pink, Mrs. Cutbush, $15.00 per 100; White, Katherine Zeimeth, $15.00 per 100; Scarlet, Jessie, $3.00 per doz. (the BEST Baby Rose for pot culture).

The following bush Roses at $15.00 per 100: American Beauty, La France, Killarney, Hermosa, Leonie Lamesch, Hugh Dickson, Mme. Caroline Testout, Kaiserin, Duchess of Albany, Etoile de France, Clothilde Soupert, White Cochet Gruss an Teplitz, Anny Muller, Maman Cochet, Magna Charta. All fine forcing grade, the very best plants selected out of immense blocks.

HALF STANDARDS, Baby Ramblers, imported, at $3.00 per dozen.

JACKSON & PERKINS CO.

Rose Growers for the Trade. Wholesale Only. NEWARK, NEW YORK

Mention The Review when you write.

American Pillar Rose

PRICES—Strong 3 year (4 to 5 ft.), **$35.00** per 100; 2 year (3 to 4 ft.), **$25.00** per 100; plants from pots, hardened, 2½-in., **$5.00** per 100; f. o. b. West Grove.

THE CONARD & JONES CO.

WEST GROVE, PENNSYLVANIA

Mention The Review when you write.

Carnation Rooted Cuttings

Standard varieties and novelties.

Asparagus Plumosus and Sprengeri Seed. Cyclamen Seedlings and Plants.
See classified advs. Write for our 1912 catalogue.

S. S. Skidelsky & Co.

1215 Betz Bldg., Philadelphia, Pa.

Mention The Review when you write.

KILLARNEY

Double Killarney is the best pink rose for warm weather. Contracts made for cuttings, eyes or own root plants.

JOHN WELSH YOUNG, Upsal Sta. P. R. R., Philadelphia, Pa.

Always Mention the...

FLORISTS' REVIEW

When Writing Advertisers

California Privet

A full supply for all who need well grown, well graded, well rooted and well packed 2-year-old

California Privet

Only strong branches counted. Satisfaction guaranteed.

	Per 100	Per 1000
12 to 18 in., branches	$1.00	$ 5.00
18 to 24 in., 3 or more branches	1.50	10.00
25 to 30 in., fine, 4 or more branches	2.00	15.00
2½ to 3 ft., strong, 6 or more branches	3.00	25.00
3 to 4 ft., extra hv'y, 8 or more branches	4.00	30.00

10 per cent off on 5000 lots of the first four grades. Special low rates on car lots. Correspond before purchasing.

CHAS. BLACK, Hightstown, N. J.

Mention The Review when you write.

Roses and Roses

Spring Price List Ready.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO

Mention The Review when you write.

Special Notice to

AMERICAN TRADERS

If you are interested in European stocks of Plants and Seeds and latest news concerning same, subscribe to **THE HORTICULTURAL TRADE JOURNAL,** published weekly, and **THE INTERNATIONAL HORTICULTURAL TRADE JOURNAL,** published quarterly. One dollar (International Money Order) sent to us now will ensure your receiving each number as published for one year.

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The HORTICULTURAL PRINTING CO.

BURNLEY, ENGLAND

Mention The Review when you write.

vines, cuttings, grafts, scions, buds, fruit pits, seeds, or other plants or plant products for propagation, unless otherwise provided herein.

Sec. 11. That any person, firm, or corporation who shall violate any of the provisions of this Act, or who shall forge, counterfeit, alter, deface, or destroy any certificate provided for in this Act or in the regulations of the Federal Horticultural Commission, shall be deemed guilty of a misdemeanor, and shall, upon conviction thereof, be punished by a fine not exceeding five hundred dollars, or by imprisonment not exceeding one year, or both such fine and imprisonment, in the discretion of the court, and it shall be the duty of the United States attorneys diligently to prosecute any violations of this Act which are brought to their attention by the Federal Horticultural Commission or which come to their notice by other means.

Sec. 12. That there is hereby appropriated, out of the moneys in the Treasury not otherwise appropriated, to be expended as the Federal Horticultural Commission may direct, for the purposes and objects of this Act, the sum of twenty-five thousand dollars, which appropriation shall become available on, nineteen and .....

Sec. 13. That this Act become and be effective from and after the first day of July, 1912.

NELSON'S FORCES CONFER.

The forces of Swain Nelson & Sons Co., with nurseries at Glenview, Ill., and general offices at Chicago, held their annual meeting Saturday, February 3, at Chicago. Present were the heads of the bookkeeping, advertisement and drafting departments, the sales force, the superintendent and nursery foremen. The president, S. G. Nelson, gave a brief report regarding the business in general, showing that as a result of increasing demand the nursery again has been enlarged by the acquisition of fifty acres of new land. The secretary, A. E. Nelson, spoke about several innovations and experiments which are soon to be tried. It was decided as often as possible during the year to hold meetings in order to bring the salesmen and office force in better contact with the nursery foremen. Orders booked are considerably ahead of preceding years.

After discussing the business a banquet was given at the Hamilton Club and a visit to the Cort theater followed.

Herkimer, N. Y.—One of W. D. Snell's boilers gave out during the mild spell preceding Christmas and he says that Giblin, the boiler man of Utica, made a record in delivery and setting up a new boiler in three days, thus saving the stock, which otherwise might have been ruined.

Double Pink Killarney

March delivery, $150.00 per 1000.

White Wonder Carnation

$6.00 per 100; $50.00 per 1000.

CYCLAMEN

In bud and bloom, 5-in., 30c; 6-in., 50c.

FERNS

Boston, Whitmani, Scholzeli,
5-in., 25c; 6-in., 40c.

Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Carnation Calyx



An effective cure for splits. Simple and indestructible, made of brass. Does not retard the growth of flower at all. A trial will convince. $2.00 per 100, delivered free when cash is with order.

MORTON R. TANK, Chatham, New York

ROOTED CUTTINGS

CARNATIONS

Strong, clean, healthy stock; well rooted. Now ready

	100	1000		100	1000
Beacon	$2.50	$20.00	White Perfection	$2.00	$17.50
White Enchantress	2.50	20.00	Rose-pink Enchantress	3.00	17.50
Enchantress	2.00	17.50			

YOUNG ROSE STOCK

Ready about February 10

Perle, rooted cuttings.....$2.00 per 100; $15.00 per 1000

Ready now

Perle, 2½-inch.....$4.00 per 100; $30.00 per 1000

PETER REINBERG

30 East Randolph Street CHICAGO

Mention The Review when you write.

Western Headquarters for ROSE PLANTS **Poehlmann Bros. Co.**

DOUBLE WHITE KILLARNEY (Poehlmann Strain)

Grafted Stock, $30.00 per 100, $250.00 per 1000

		100	1000
Grafted—			
Pink Killarney	2½-inch,	$12.00	$100.00
White Killarney	2½-inch,	12.00	100.00
Richmond	2½-inch,	12.00	100.00
Maryland	2½-inch,	12.00	100.00
Radiance	2½-inch,	14.00	120.00
Mrs. Aaron Ward	2½-inch,	14.00	120 00
Melody	2½-inch,	14.00	120.00
Antoine Rivoire, Mrs. Taft or Prince de Bulgarie	2½-inch,	14.00	120.00
Sunburst	2½-inch,	35.00	
Own Root—			
Pink Killarney	2½-inch,	6 00	55.00
White Killarney	2½-inch,	6.00	55.00
Maryland	2½-inch,	6.00	55 00
Richmond	2½-inch,	5.00	40.00
Antoine Rivoire, Mrs. Taft or Prince de Bulgarie,	2½-inch,	8.00	70.00
Radiance	2½-inch,	8.00	.....
Melody	2½-inch,	8.00	70.00
Aaron Ward	2½-inch,	8.00	70.00
Lady Hillingdon	2½-inch,	10 00	.....
Double Pink Killarney	2½-inch,	8.00	70.00

Orders are now booked for April, May, June and July delivery.
All goods sold for cash or 30 days on approved credit.

POEHLMANN BROS. CO., Wholesale Florists **Morton Grove, Ill.**

Mention The Review when you write.

ST. NICHOLAS

¶If you have not placed your order for St. Nicholas, you will do well to do so at once. We are sold up clean on all we can deliver during February. We are booking orders now for delivery March 15. Get your order in before these are all spoken for. **$12.00 per 100; $100.00 per 1000.**

BAUR & STEINKAMP

Carnation Breeders **Indianapolis, Ind.**

Carnations—Rooted Cuttings

Rosette—The bright, large-flowered, dark pink carnation. Winner of the S. A. F. Silver Medal, and First in the 100 Dark Pink Class at the A. C. S. Show at Detroit. Scored 86 points last March at Boston, after traveling over 1000 miles. A sure shipper and keeper. A commercial variety for every florist.

Our large stock enables us to still promise some February delivery if ordered now.

Prices, $12.00 per 100; $100.00 per 1000; 2500 for $237.50

White Wonder—Early March delivery. **Gloriosa**—Late March delivery. **Bonfire**—February delivery. **Golden Ray**—Early March delivery. The above 4 varieties at $6.00 per 100; $50 00 per 1000.

Scarlet Glow—February delivery. **Mrs. C. W. Ward**—March delivery. **White Perfection**—February delivery. **Enchantress**—February delivery. **White Enchantress**—February delivery. **Rose-pink Enchantress**—February delivery. The above 6 varieties at $3.00 per 100; $25.00 per 1000.

Pink Delight all sold.

QUALITY CUTTINGS ARE SURE TO PLEASE—WE GROW THEM.

F. DORNER & SONS CO., La Fayette, Ind.

Mention The Review when you write

DELHI

A splendid commercial **red Carnation.** It will pay any grower to invest in it. We are now booking orders for latter part of February and March delivery. Stock limited.

$10.00 per 100; $75.00 per 1000

SKIDELSKY & CO., 1215 Betz Building, PHILADELPHIA, PA.

WM. MURPHY, 309 Main Street, CINCINNATI, OHIO

Mention The Review when you write.

ROOTED

CARNATION

CUTTINGS

	Per 100	Per 1000
Alma Ward, white	$4.00	$35.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
Winsor, pink	3.00	25 00
Pink Enchantress	3.00	25 00
C. W. Ward, deep pink	4.00	35.00
Beacon, red	3 00	25.00

We have the cleanest stock in the West. If you want the best, then send us your early orders. We grow **only** the best commercial varieties, and save you that big freight and express charge from the East. Come any time and see us—and the flowers we grow.

W. H. Sawvel Floral Co.

115 Clinton Place, Kansas City, Mo.

Mention The Review when you write

Carnation Novelties

Did you see **"Wodenethe"** at Detroit? If you did, you know that it has easily established its position as the best white, and also won the Sweepstakes over all other varieties.

The "knocker" might tell you this variety is not free enough to be grown as a commercial flower.

"Seeing is believing," so come and see it growing for yourself. This is all we ask.

We can still quote February delivery on **"Wodenethe"** and **"Brooklyn,"** at $12.00 per 100; $100.00 per 1000.

Charles H. Totty

MADISON, - - NEW JERSEY

Mention The Review when you write.

Rooted Carnation Cuttings

of up-to-date varieties
List on application

LITTLEFIELD & WYMAN
NORTH ABINGTON, MASS.

CARNATION GROWERS!!

RAINBOW

Glorified Prosperity

wins the first prize in the overlaid or Prosperity class at the **National Convention, Detroit.** Send your order now for February delivery. Remember, our cuttings are guaranteed. We can deliver half a million.

$12.00 per 100; $100.00 per 1000. 250 at 1000 rate. Liberal discount on large orders.

Cash or good reference.

WANOKA GREENHOUSES, BARNEVELD, NEW YORK

The New Carnation, BROOKLYN

A Reincarnation of the Old William Scott, but embodying additional and more important qualities

THE NEW "HELEN" PINK A beautiful Deep Pink after the style of the old William Scott, lighter than Lawson, grand under artificial light. Highly built-up center, petals fringed, habit of growth all that could be desired. Very easy propagator, fastest growth of any Carnation. Flowers 3-in. and larger. **Preliminary scoring, New York Florists' Club, 86 points. "Certificate of Merit" Horticultural Society of New York. TO BE DISSEMINATED 1911-1912.**

ROOTED CUTTINGS, ready now, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate.

Charles Weber
GROWER
Lynbrook, Long Island, **New York**

R. G. WILSON
Fulton Street and Greene Avenue
BROOKLYN, N. Y.

CHAS. H. TOTTY
Madison, N. J.

Mention The Review when you write

PROVIDENCE.

The Market.

There was quite a fair volume of business last week, several large social functions and a number of weddings helping to round out a satisfactory week. One of the noticeable features of this season's business has been the growing favor into which orchids, gardenias and others of the higher priced blooms are coming. The time is not far past when these were such a rarity in the Providence market as to be conspicuous, whereas now their absence has become equally pronounced. Prices ranged about normal, with a fair quantity of everything seasonable.

Various Notes.

Edward Edwards, for several years engaged in the grape growing and market gardening business at Newport, has accepted a position as gardener for Dr. McBurnie at Stockbridge, Mass.

Charles Johnston was taken to the East Side hospital last week, suffering from a partial loss of the use of his lower limbs.

Joseph Kopelman spent several days in Boston last week on business.

Macnair has replaced the large plate glass window that was blown out of his store by the heavy wind recently.

Miss Florence Willard, of the Hope Greenhouses, has just purchased a large number of gardenia plants from Albert Holscher.

Extensive alterations and additions are being made to the seed store of W. S. Pino, corner of Washington and Eddy streets.

Daniel J. Coughlin, of Newport, was called to Groton, Mass., recently by the death of his sister.

William E. Chappell has had several decorative jobs recently for Masonic gatherings.

The J. A. Budlong & Son Co., of Auburn, is making large daily shipments of roses to the New York market.

Eugene McCarron has been busy the last month, having had a number of wedding decorations and considerable social work.

Saturday Johnston Bros. had one of the largest wedding orders ever given in this city, consisting entirely of orchids, gardenias, lily of the valley and maidenhair fern.

Peter S. Byrnes, of Wickford, was in the city last week and reports having had a good business all winter.

W. H. M.

ROSES

	GRAFTED		OWN ROOT	
	Per 100	1000	Per 100	1000
Double White Killarney (Reuter's Strain)	$30.00	$250.00	$25.00	$200.00
Lady Hillingdon	25.00	200.00	20.00	150.00
Rose Queen	20.00	150.00	15.00	100.00
Double Pink Killarney	.....	.....	15.00	100.00
Aaron Ward	.....	.....	10.00	90.00
Mrs. Taft	18.00	150.00	8.00	70.00
Melody	.....	.....	12.00	100.00
White Killarney, Pink Killarney and Richmond	.....	.....	7.00	60.00
Maryland	.....	.....	7.00	60.00

Our stock is grafted on English Manetti and is especially strong and clean. It is heavily rooted and as good as can be produced. Write for special prices on large quantities.

CARNATIONS

ROOTED CUTTINGS

	Per 100	1000		Per 100	1000
White Wonder	$6.00	$50.00	Bonfire	$6.00	$50.00
Gloriosa	6.00	50.00	Pink Delight	4.00	35.00
Washington	6.00	50.00	Mrs. C. W. Ward	3.50	30.00
White Enchantress, White Perfection, May Day, Afterglow, Winsor, Beacon, Ruby and Conquest				3.00	25.00

New Double Marguerite, Mrs. F. Sander

A good variety, very free and an easy grower. Strong plants, 2-in. pots, $5.00 per 100; $40.00 per 1000.

S. J. REUTER & SON, Inc., Westerly, R. I.

Mention The Review when you write.

YOU WHO WANT

Early Cuttings

Place your orders and get

IMMEDIATE DELIVERY

	Per 100	Per 1000
Enchantress, White Enchantress, Beacon	$3.00	$25.00
Gloriosa, White Wonder	6.00	50.00
Dorothy Gordon	$4.00 per 100;	$35.00 per 1000
Perfection	3.50 per 100;	30.00 per 1000
Winsor	2.50 per 100;	20.00 per 1000
Rose-pink Enchantress	2.50 per 100;	20.00 per 1000

For MUMS see classified advertisement.

J. D. Thompson Carnation Co., Joliet, Ill.

Mention The Review when you write.

SUNBURST



The winning new rose of the year. Has been exhibited at all the large shows of 1911-1912, and has won first place over every competitor.

Awarded 90 for culture by the N. Y. Florists' Club at Mr. C. H. Totty's place at Madison, N. J.

An enormous rose on long stems.

Absolutely continuous through the dark weather.

Foliage large and heavy.

Buds long and pointed.

Color, deep orange and pure gold.

Is being planted in quantity by all the best growers. Ready March 1, 1912.

Own Root, $ 30.00 per 100
250.00 per 1000

Grafts, 35.00 per 100
300.00 per 1000

Our grafts are superlatively fine this year.

THE E. G. HILL CO., Richmond, Ind.

CARNATIONS

PRINCESS CHARMING

Better than Enchantress.
Try it and convince yourself.
Rooted cuttings...$6.00 per 100; $50.00 per 1000
Unrooted cuttings 3.00 per 100; 25.00 per 1000
Immediate delivery.

XMAS CHEER

The scarlet pot carnation.
Rooted cuttings only, $6.00 per 100; $50.00 per 1000.

Henry Eichholz
WAYNESBORO, PA.

Don't Delay Ordering

Benora Carnation

NOW, for seasonable delivery.

Write for descriptive circular. Cultural directions with each shipment.

$18.00 per 100; $100.00 per 1000.

PETER FISHER, Ellis, Mass.

BRAMPTON, ONT.

A pleasant change has come o'er the scene and we are now enjoying temperatures as much above zero as we have lately suffered below. Stock still is scarce, but what there is is good, except Beauties, and the less said about them the better. Nothing seems to satisfactorily take the place of Beauties, however, which appears somewhat strange, especially with cattleyas listed at half the price of the former flower.

W. J. Jones, the orchid specialist at the Dale Estate, has a seedling now flowering for the first time, to which has been given the name Cattleya Dugganianum, in honor of T. W. Duggan, the present mayor of the town. Cattleya Dugganianum is a cross between Cattleya Mossiæ and Harrisoniæ and partakes much of the latter in shape of flower and color, but is much broader in sepal and petals, the lip being well open and having a large blotch of bright amethyst and yellow running well into the throat, with a white margin. W. G. P.

POUGHKEEPSIE, N. Y.

The regular monthly meeting of the Dutchess County Horticultural Society was held in this city January 24. A good turnout resulted in a most interesting meeting.

The society had as its guests Joseph Scott and M. F. Ross. Mr. Scott gave an excellent talk on the Detroit show. His descriptions of the many new varieties shown were so vivid that one could almost imagine himself at the exhibition.

A fine crimson seedling carnation was shown by Scott Bros., of Elmsford, N. Y. After careful examination by the society's committee on seedlings, a certificate of merit was awarded it.

After adjournment, the remainder of the afternoon was spent in bowling.

In the evening the annual banquet was held at Nelson House. The principal speakers were Mr. Scott, who represented the Tarrytown society; Mr. Walworth and R. E. Coons. The musical program was ably rendered by Chas. H. Hickok and Frank Scofield. Several solos, which deserve more than passing mention, were rendered by Mr. Chaundy, of this city. H. G. C.

Cyclamen Seedlings and R. C., Etc.

We have a fine lot of Cyclamen Seedlings, very good imported strain, to offer in 6 separate varieties, $1.50 per 100; $12.50 per 1000.

	Per 100	1000
Moonvines, white, R. C., extra fine and clean. We have 10,000 of these..	$1.50	$15.00
4000 **English Ivy,** R. C.....	1.00	10.00
3000 **Lantanas,** R. C., in 3 varieties.	1.50	12.50

Hydrangea Otaksa, dormant, 3-in., $8.00 per 100; 4-in., $15.00 per 100; 5-in., $25.00 per 100.

We solicit your patronage.

D. U. Augspurger & Sons Co.
PEORIA, ILL.

Mention The Review when you write.

FERNS FOR DISHES

Assorted varieties, 2¼-in pots, $3.50 per 100; $30 00 per 1000.

Asparagus Plumosus,
2¼-in. pots, $3 50 per 100; $30.00 per 1000; 3-in. pots, $6.00 per 100.

Cash with order. 500 at 1000 rate.

FRANK OECHSLIN. 4911 W. Quincy Street, CHICAGO, ILL.

Mention The Review when you write.

Our Salesman in form of our Catalogue has been mailed.
Have you received yours?

DOUBLE WHITE KILLARNEY
KILLARNEY QUEEN—SUNBURST

are in New Roses the best offerings of the season, and we are in the market to supply the best that is to be had.

In Yellow Roses, which are in demand, we can supply in quantity:
LADY HILLINGDON, MRS. AARON WARD
and MELODY

IN STANDARD VARIETIES

KILLARNEY — WHITE KILLARNEY
RICHMOND — MRS. TAFT (A. Rivoire)
DOUBLE PINK KILLARNEY
MY MARYLAND — RADIANCE

CARNATIONS

Wodenethe, Brooklyn, White Winsor, Mrs. C. W. Ward, White Perfection, White Enchantress, Beacon and Winsor

CHRYSANTHEMUMS

Strictly Commercial Varieties.

CHADWICK SUPREME. The best late pink.
SMITH'S ADVANCE. The earliest white.
ROMAN GOLD. An excellent new yellow.

These, with a select list of Standard Commercial, profitable varieties that can be relied upon, are included in our Catalogue, with the best list of **Pompons** ever offered. **Best,** because there are no varieties offered that are not paying propositions commercially. Not a long list of names, but something that means profit for the grower.

BEDDING STOCK

Coleus, in quantity — Salvias — Heliotrope
Begonias, Lorraine and Cincinnati
Asparagus Hatcheri and Plumosus Nanus
Palms and Ferns

The sum and substance of our Catalogue is—

STANDARD COMMERCIAL STOCK AT STANDARD PRICES.

If you have not already received our Catalogue, write for it at once, remembering that **early** orders mean better service and earlier delivery.

A. N. PIERSON, Inc. CROMWELL CONN.



COMFORT

A Seedling of S. M. MERWARTH & BRO., Easton, Pa.

Parentage, HARLOWARDEN and ENCHANTRESS

As a medium-priced "red" it has a very promising future

From the Florex Gardens, North Wales, Pa., where this has been grown on trial, we have a letter under date of Nov. 24, 1911, saying: "So far we like the new seedling very much; the color of the flower is fine and the size good. The stems are stiff and the number of blooms to a plant shows it will be a good producer."

E. J. Weaver, of Ronks, Pa., who has been growing five hundred on trial, writes us under date of Jan. 8, 1912: "So far this season this variety has produced more than double the blooms Beacon has, planted in the same house, and I feel sure it will maintain its lead the balance of the season. It is of a much brighter color than Beacon, flower as large, with a good stem, and a calyx that practically does not split, not averaging more than one split flower a week from the five hundred plants."

Well-rooted Cuttings, $6.00 per 100, $50.00 per 1000

Our Usual Guarantee Goes with This Stock

P M QUALITY

S. S. PENNOCK-MEEHAN CO.

"THE" Wholesale Florists of Philadelphia

1608 Ludlow St., PHILADELPHIA, PA.

Mention The Review when you write.

FOR VALENTINE

YOU NEED CYCLAMENS and we have them in fine shape, 4-in., 5-in. and 6-in., from 15c to 50c each,

150,000 GIANT CYCLAMEN SEEDLINGS.

We claim the finest commercial strain in this country. Mr. A. Hange, Birmingham, Ala., says, "I planted 100 of your seedlings last year (1910) in comparison with 2500 from so-called unrivaled, high-priced English strains, but yours outgrew them." Transplanted August seedlings, $3.00 per 100; $25.00 per 1000.

GODFREY CALLAS bring 3 flowers to 1 of the common, and bloom from 3-in. pots; 3-in., $6.00 per 100.

Cash with order.

C. WINTERICH

Cyclamen Specialist, Defiance, Ohio

Mention The Review when you write

Asparagus Plumosus, 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Asparagus Sprengeri, 2-in. pots, $2.00 per 100; 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Smilax, 3-in. $4.00 per 100.

Ferns. Boston, Whitmani, Scottii and **Scholzeli,** 4-in. pots, $2.00 per doz.; 5 in., $3.00 per doz.

Dracaena Indivisa, 3-in. pots, $4.00 per 100.

Daisies, white, Paris, Giant, 2½-in. pots, $3.00 per 100.

Clematis Paniculata, strong plants, 2-yr.-old, $10.00 per 100; 1-yr.-old plants, $5.00 per 100.

Hardy English Ivy, 4-in. pots, $10.00 per 100; 3-in. pots, $5.00 per 100.

C. EISELE

11th & Westmoreland Sts., Philadelphia, Pa.

Mention The Review when you write.

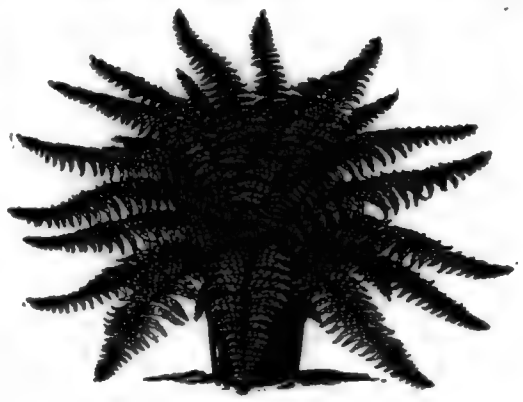
JOHN SCOTT

Rutland Road and E. 45th St.,

BROOKLYN, N. Y.

Palms, Ferns AND Decorative Plants

Mention The Review when you write.



ROOSEVELT.

	2½-in. 100	4-in. 100	5-in. 100	6-in. 100
Boston	$3.50	$12.00	$25.00	$40.00
Whitmani	3.50	12.00	25.00	40.00
Todeaoides	3.50	12.00	25.00	40.00
Scottii			25.00	40.00

Asparagus Plumosus, 2-in., $2.00 per 100; $18.00 per 1000; 2½-in., $3.50 per 100; $30.00 per 1000; 3-in., $5.00 per 100; $45.00 per 1000.

	Per 100
Coleus Christmas Gem	$2.50

Roosevelt Ferns

This fern will undoubtedly take the place of Boston in the near future. It is a faster grower, makes twice the runners and finishes up into a large plant in shorter time. 2½-inch, $2.50 per dozen; $17.50 per 100; $150.00 per 1000.

	Per 100
Violets, Wales	$2.50
German Iris, Florentina Alba, earliest large-flowering Iris	2.50
Iris Pallida Dalmatica, lavender, shaded blue	8.00

Clematis Paniculata, 2-in., $2.50 per 100; $20.00 per 1000; field, 1-year, $4.00 per 100; 2-year, $8.00 per 100.

Phlox Miss Lingard, field clumps, $4.00 per 100; $35.00 per 1000.

THE REESER PLANT CO.,

Exclusively Wholesale Plantmen SPRINGFIELD, OHIO

Mention The Review when you write.

CHINESE PRIMROSES

Best fringed, $4.00 per 100.

Obconica Giants, largest flowering, strong 3-in., $5.00 per 100.

Pelargoniums, extra strong 3-in., $5.00 per 100.

Irish Shamrocks, the real green, 2-in., large plants, $3.00 per 100.

CASH, PLEASE

M. S. ETTER,

Successor to

JOHN F. RUPP, Shiremanstown, Pa.

Mention The Review when you write.

FERNS---ROSES ....BEGONIAS....

Amerpohlii, Barrowsii, Scottii, Elegantissima, Boston, Jacksoni, Piersoni, Sword, Whitmani, 2½-in. pots, $4.00 per 100; 4-in., $15.00 per 100.

Rex Begonias, assorted varieties, 3-in. pot plants, $5.00 per 100; $45.00 per 1000.

Roses our specialty. Ask for quotations.

The Dingee & Conard Co., West Grove, Penna.

Mention The Review when you write.

EVANSVILLE, IND.

The Market.

We are having another spell of zero weather. We have had the coldest weather and more of it this winter than any time for fifteen years. Coal bills are high and flowers are scarce. Roses are off crop, so there are not nearly enough to go around. Carnations are more plentiful, but there are not quite enough of these. Business has been excellent at times, but poor at other times.

Various Notes.

Julius Niednagel & Sons will have to move one house at the south of the range, in order to allow Bell street to be opened up. A street car line will be built on this street and for the present will end right at the greenhouse. This will be a great convenience, as well as profitable for them. This firm is short of roses and carnations, especially roses.

The Blackman Floral Co. is building two new houses. Progress would be more rapid if it were not for the cold weather. Flowers are scarce and they have to buy considerable quantities from others.

Miss Nellie Goodge is cutting some excellent carnations on good, long stems. Her varied stock is in good shape and doing well. It has been reported that her place is for sale, but she denies the rumor. When she is ready to sell the sale will be made quickly, as there are several florists here ready to buy the greenhouses and the five acres of land. The place is valuable, being just at the entrance to Oak Hill cemetery.

Louis Fritsch has been cutting a nice lot of carnations each week. He has his new houses about completed.

Henry Seymour has been cutting a lot of carnations, but has had to buy quite a good many lately.

Royston & Fenton are still short of roses.

Austin Wallace had some trouble in keeping up steam enough on the night of February 3, when the temperature went to 6 degrees below zero, but he managed to keep from freezing up. His carnations are looking fine and are full of buds. E. L. F.

Every grower who has found a profit in Golden Glow mums will want to try

SMITH'S ADVANCE

the earliest white. We are supplying stock from a grower who made a great success with it. Rooted cuttings, 75c dozen; $5.00 per 100. From 2¼-in. pots, $1.25 dozen; $8.00 per 100.

100 rate on lots of 25 or more.

GROWERS:—Write us about your needs in Carnation Cuttings. Our connections with the best growers everywhere make it possible for us to supply stock of best quality.

A. L. RANDALL CO.

66 E. Randolph St., CHICAGO

Mention The Review when you write.

CHAS. D. BALL

GROWER OF

PALMS, ETC.

Send for Price List

HOLMESBURG, - - PHILADELPHIA, PA

Mention The Review when you write.

Seasonable Plants

At bargain prices, for immediate delivery, to make room for planting. All fine stock.

Carnation White Wonder, fine cuttings, ready now, $5.50 per 100. Write for price on 5000.

200 **4-inch Genista,** for Easter blooming, $1.00 per doz.

100 **Jerusalem Cherries,** right for February 22, 12½c each.

5000 **Godfrey Calla,** $35.00 per 1000.

5000 **Adiantum Croweanum,** 10c each.

100 **Primula Chinensis,** 5-inch, in full bloom, $1.00 per doz.

500 **Mrs. Sander Daisy** (new), 6c each.

FRED H. LEMON & CO., Richmond, Ind.

Mention The Review when you write.

CHOICE FERNS

FINE STOCK FOR IMMEDIATE SHIPMENT

Nephrolepis Giatrasii (the improved Scottii fern), 6-in., 75c each; 8-in., $1.50 each; 10-in., extra fine specimens, $3.00 to $5.00 each.
Nephrolepis Harrisii, 10-in., fine specimens, $3.00 to $5.00 each.
Nephrolepis Bostoniensis and Piersoni, 8-in., $1.00 and $1.50 each; 10-in., $3.00 and $4.00 each.
Nephrolepis Scottii, 6-in., 50c each; 8-in., $1.00 each; 10-in., $2.50 each.
Nephrolepis Elegantissima, 8-in., $1.00 and $1.50 each; 12-in., $5.00 and $7.50 each.
Nephrolepis Superbissima, 10-in., $3.00 each.
Nephrolepis Viridissima, 3½-in., 25c each; 6-in., 50c and 75c each; 8-in., $1.00 each; 10-in., $3.00 each
Nephrolepis Magnifica and Elegantissima Compacta, 3½-in., 25c each.

F. R. PIERSON CO., Tarrytown-on-Hudson, NEW YORK

Mention The Review when you write.

Booking Orders NOW for

HELEN NEWBERRY

The Fine Late White Pompon Chrysanthemum

DELIVERY MARCH 1, 1912—ORDERS FILLED IN ROTATION

Prices

100 for $15.00 50 for $7.50 25 for $5.00 12 for $3.00

Send orders to

FRED PAUTKE
Grosse Pointe, Mich.

OR

FRED BREITMEYER
Mt. Clemens, Mich.

Mention The Review when you write.

NOW IS THE TIME TO CONSIDER

CHRYSANTHEMUM

REQUIREMENTS FOR 1912

It is unnecessary to spend much time and money in setting forth the merits of our products. Our past introductions have (as every florist knows) been of the highest grade.

Our 1911 Novelties were the best offered last year.

Our 1912 Novelties are unequaled by any others.

Ask for our Catalogue. Send your order early and we will do the rest.

Elmer D. Smith & Co., Adrian, Mich.

Mention The Review when you write.

PLANTS WELL FLOWERED

Cyclamen, fine assorted, 4-inch, 20c; 5-inch, 35c.
Primula Obconica Grandiflora and Gigantea, best colors we ever had, 4-inch, 15c.
Primula Kewensis, 5-inch, 25c.
Begonia Glory of Cincinnati, 4-inch, 35c.
Cinerarias, 5-inch, 25c. **Cinerarias,** budded, 4-inch, 15c.
Carnations, 4-inch, 15c.

FERNS—Boston, Piersoni and Whitmani

That dark green kind, 5-inch, 35c; 6-inch, 50c.

Ferns, assorted pan varieties, $5.00 per 100.
Asparagus Plumosus, 2-inch, $3.00; 3-inch, $6.00; 4-inch, $15.00 per 100.
Kentia Belmoreana, 4, 5 and 6-inch, at 35c, 75c and $1.00.

C. H. FREY, = Lincoln, Neb.

Mention The Review when you write.



"FAIRY QUEEN"

New early pompon.

Deep shell pink, of round form, and medium size.

Awarded Certificate by Chrysanthemum Society of America.

March delivery.

$2.50 per dozen; $15.00 per 100

HARTJE & ELDER

R. F. D. No. 29

INDIANAPOLIS, IND.

PLANTS YOU NEED

CHINESE PRIMROSES, 4-in., full of bud and bloom, extra fancy mixed, $7.50 per 100.
PRIMULA OBCONICA, 4-in., mixed, full of bud and bloom, $5.00 per 100.
CINERARIAS, fancy mixed, 4-in. plants, $5.00 per 100.
ASPARAGUS SPRENGERI, large 4-in., $6.00 per 100.
CYCLAMEN, 3-in., 6 colors, $7.50 per 100.
SNAPDRAGONS, 3-in., white, pink, yellow, $5.00 per 100; $45.00 per 1000.
MARGUERITES, large 2½-in. plants, white and yellow, $2.25 per 100.
HELIOTROPES, 2½-in., 3 kinds, $2.50 per 100.
FUCHSIAS, 2½-in., 12 kinds, including Little Beauty and Storm King, $2.50 per 100.
PELARGONIUMS, Lady Lloyd, 2½-in., $4.00 per 100.
ALTERNANTHERAS, red and yellow, 2¼-in., $2.00 per 100; $18.00 per 1000.
ALTERNANTHERAS, Brilliancy, 3-in. plants, $3.00 per 100.
DOUBLE PETUNIAS, 3-in., 12 kinds, $5.00 per 100.
SMILAX, large 2½-in., $2.00 per 100.
GERANIUMS, 2½-in., in abundance. Poitevine, Grant, Ricard, Buchner, Montmore, Perkins, La Favorite, Roseleur, Nutt, etc., A-1 plants, $2.50 per 100; $22.50 per 1000.
CANNAS, 15 fancy kinds, mixed, $1.50 per 100; $14.00 per 1000.
CLIMBING CRIMSON BABY RAMBLER ROSE BUSHES, 4 or 5 branches, 3½ feet tall, 50 cents each; $4.00 per doz.
PURE GREENHOUSE FERTILIZER, $2.50 per bag.

FLOWER SEEDS.	Per Trade Pkt.
VERBENAS, extra fancy, mixed, $1.15 per oz.	25c
PETUNIAS, Single. All kinds mixed.	25c
PANSY, finest mixed	25c
DUSTY MILLER	15c
VINCAS, mixed	15c
SWEET ALYSSUM	10c

Send your order now. This adv. may not appear again.

ALONZO J. BRYAN, Wholesale Florist,
Washington, New Jersey

Mention The Review when you write.

G. DREYER

Tel. 228 Newtown Jackson Ave. ELMHURST, L. I.
DECORATIVE PLANTS

Hydrangea Otaksa

For Easter and Decoration Day

6-inch, pot-grown, well branched and set with flower buds.

Otaksa, with 5 and 6 branches, at $20.00 per 100; 4 branches at $15.00 per 100. **Souvenir de Claire,** fine pink, same color as Gloire de Lorraine Begonia, same price; also 7-10 branches latter variety, $25.00 per 100.

Jackson & Perkins Company

Wholesale Florists and Nurserymen

Newark, Wayne Co., New York State

Mention The Review when you write.

Rooted Cuttings

Begonias, flowering kinds, $1.75 per 100.
Verbenas, 70c per 100; $6.00 per 1000.
Pelargoniums, $2.50 per 100.
Ageratums, 60c per 100; $5.00 per 1000.
Daisies and **Salvias,** $1 per 100; $8 per 1000.
Petunias, $1.25 per 100; $10.00 per 1000.
Coleus, 70c per 100; $6.00 per 1000.

All good varieties and named.
Express paid on all rooted cuttings.
Cash with order.

S. D. BRANT, Clay Center, Kan.

Mention The Review when you write.

FERNS AND ASPARAGUS

Nephrolepis Whitmani, Scottii and **Bostoniensis,** 6-in. pots, 35c each; 7-in., 75c each.
Asparagus Plumosus, 3-in., $5.00 per 100.

Cash with order.

ASCHMANN BROS.

Second and Bristol Sts., PHILADELPHIA

Mention The Review when you write.

BOWLING

AT BUFFALO.

The following scores were made February 5:

	1st	2d	3d
McClure	159	188	165
Sandiford	209	180	169
Wallace	160	171	198
Streit	156	158	180
Mansfield	189	202	184
P. Taylor	162	200	154
H. Taylor	128	166	128
Fiebelkorn	114	123	131
Smith	176	195	178
Claudsley	190	189	174

AT MILWAUKEE.

The scores made by the members of the Milwaukee Florists' Bowling Club January 30 were:

Player.	1st.	2d.	3d.	Player.	1st.	2d.	3d.
C. Gutbrod.	149	203	140	G. Rusch...	141	113	174
P. Nohos...	157	155	138	G. Kellner..	177	136	174
W. Schmitz.	124	126	136	G. Pohl....	139	105	135
G. Hunkel..	127	131	141	A. Leidiger.	138	156	141
W. Halli'y..	152	152	109	R. Lietz...	106	107	108
L. Manos.....	176	109		O. Eg'b'cht.	108	135	124

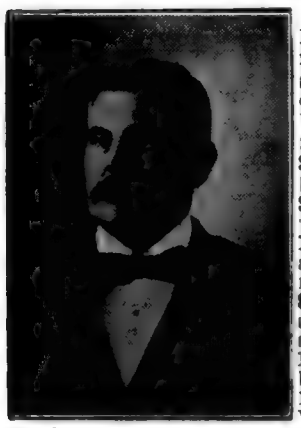
E. O.

AT CHICAGO.

The Stuppy Floral Co. bowling team, of St. Joseph, Mo., winners of the pennant of the Apex Bowling League at that place, and now bowling in first place in the Academy League, also of St. Joseph, will visit Chicago early in March to compete in the American Bowling Congress tournament and will at that time bowl a match game with a picked team of the Florists' League of Chicago.

The scores made by the Chicago Florists' League January 31 were:

Carnations.	1st.	2d.	3d.	Roses.	1st.	2d.	3d.
Lorman	130	178	141	Abraham'n..	151	121	118
Ayers	163	200	141	Welsh	114	191	140
Schultz	188	151	210	Wenzel	129	124	147
Balluf	192	120	171	Goerisch	163	161	154
A. Zech	162	131	149	Wolf	192	205	157
Totals	835	780	812	Totals	755	802	716
Orchids.	**1st.**	**2d.**	**3d.**	**Violets.**	**1st.**	**2d.**	**3d.**
Lieberman	142	151	135	Schlosm'n	163	140	121
Graff	180	199	148	Conners	157	134	178
Farley	186	141	201	Winterson	144	143	82
Huebner	182	159	171	Van Gelder.	146	177	158
J. Zech	144	176	136	Simon	124	132	144
Totals	834	826	791	Totals	734	726	683



Express prepaid on Rooted Cuttings. The finest ever. Satisfaction guaranteed to all parts of the United States. Verbenas, the very best named varieties, 70c 100; $6.00 1000; Fuchsias, the best named varieties, $1.00 100; $9.00 1000; Feverfew, Little Gem, $1.25 100; $10.00 1000; Coleus, all the finest select named varieties, 70c 100; $6.00 1000; Alternantheras, red and yellow, very strong, 60c 100; $5.00 1000; Sweet Alyssum, our big Double Giant, 80c 100; $6.00 1000; Daisy White California, $1.00 100; $8.00 per 1000. $2,000 Vinca R. C., $1.00 100; $8.00 1000; Salvias, Bonfire and St. Louis, the leading varieties, 80c 100; $7.00 1000. Feverfew Little Gem, large fine double flowers, the best of all, $1.00 100; $9.00 1000. Swainsonas, $1.25 100. Geraniums, Jean Viaud, Mme. Buchner, A. Ricard, strong, 2-in.

C. HUMFELD, Clay Center, Kan.

Mention The Review when you write.

Julius Roehrs Co.
RUTHERFORD, N. J.
Palms, Plants, Orchids, Etc.
Send for Price List.

Mention The Review when you write.

EASTER IS COMING SOON

Araucarias Our Specialty



No Arguments Needed

For Easter Day, next Easter Day,
Come fill your benches right away.
The Palms will grow, Azaleas bloom
Best in your house if purchased soon.

The Araucarias that I sell
Will dollars grow if treated well,
And all my Lilies healthy are,
Without one sickly leaf to mar.

What do you need for Easter Day?
Bulbs, Ferns, whatever else you say—
I've everything the people need,
All growing strong as any weed.

And oh, the beauty of them all,
The best of earth, both large and small!
Why, Godfrey Aschmann leader stands,
With all that's good from many lands.

We have an immense stock of **EASTER AZALEAS,** blooming at Easter or before. **Mme. Vander Cruyssen,** double pink; **Simon Mardner,** double pink; **Deutsche Perle,** double white; **Niobe,** double white; **Helene Theleman, Professeur Wolters, Vervaeneana,** double variegated; **Apollo,** red, and others, 75c, $1.00, $1.25, $1.50 to $2.00. **Vervaeneana, Simon Mardner, Deutsche Perle,** nearly in bloom, 75c to $1.00.

We can spare about **1500 LILIUM MULTIFLORUM,** just right for Easter blooming, raised from selected best Japan growers, 9 to 10-in. bulbs, 5½ to 6-in. pots, now 8, 10, 12 to 15 in. high, some showing buds, 25c, 30c to 35c per plant.

We have to offer, in prime condition, a large stock of **ARAUCARIA EXCELSA,** 5½, 6 and 7-in, 4, 5, 6 to 7 tiers, 18, 20, 28, 30 to 40 in. high, 50c up to $1.25; **ROBUSTA COMPACTA, EXCELSA GLAUCA,** $1.00 up to $2.00.

FERNS.—SCOTTII, WHITMANI, BOSTON, SCHOLZELI and **GIATRASII,** 5½, 6 and 7-inch sizes, 35c, 40c, 50c, 75c to $1.00.

RUBBER PLANTS, 6 and 7-in. pots, 25 to 35 in. high, 35c, 40c, 50c, 75c to $1.00.

20,000 ASPARAGUS PLUMOSUS, 2½, 3 and 4-in., 3c, 5c and 10c; **SPRENGERI,** 4-in., 10c.

KENTIAS, BELMOREANA AND FORSTERIANA, single, 5½ to 6-in. pots, 25, 30 to 40 in. high, 50c, 75c, $1.00, $1.25, $1.50 to $2.00. **KENTIA BELMOREANA,** made up, 60c, 75c to $1.00.

LATANIA BORBONICA, 7-in., 30 to 35 in. high, 8 leaves, 75c to $1.00; made up, 6-in., 30 in. high, 50c.

ARECA LUTESCENS, 4-in., made up of 3 plants, 15c, 25c; 5¼ in., 25c.

COCOS WEDDELLIANA, 3-in., 15c; 4-in., 20c.

PRIMULA CHINENSIS, in bloom, 4-in., 10c; 5¼-in., $2.00 per doz.

GODFREY ASCHMANN, 1012 W. Ontario St., Philadelphia, Pa.

Mention The Review when you write.

Heacock's Palms and Ferns

HOME-GROWN—STRONG AND HEALTHY

Our Palm sales have increased more than 44% during the year 1911 over the sales of the previous year. We are still strong on the following sizes:

Areca Lutescens

	Plants	Height	Each
9-in. cedar tub.	Several in tub.	5 ft.	$7.50

Kentia Belmoreana

	Leaves	Height	Each	Doz.
2½-in. pot	4	8 to 10 in.		$ 1.50
3-in. pot	5	12 in.		2.00
5-in. pot	6 to 7	18 in.	$0.50	6.00
6-in. pot	6 to 7	24 in.	1.00	12.00
7-in. cedar tub.	6 to 7	34 to 36 in.	2.50	30.00
7-in. cedar tub.	6 to 7	36 to 38 in.	3.00	36.00
9-in. cedar tub.	6 to 7	40 to 45 in.	4.00	48.00
9-in. cedar tub.	6 to 7	42 to 48 in.	5.00	
9-in. cedar tub.	6 to 7	48 to 54 in.	6.00	

Cocos Weddelliana		Per 100
2½-in. pot,	8 to 10 in. high	$10.00

Made-up Kentia Forsteriana

	Height	Each	Doz.
7-in. cedar tub, 4 plants	36 in.	$2.50	$30.00
7-in. cedar tub, 4 plants	36 to 40 in.	3.00	36.00
9-in. cedar tub, 4 plants	40 to 42 in.	4.00	48.00
9-in. cedar tub, 4 plants	42 to 48 in.	5.00	60.00

Phoenix Roebelenii	Each
5-in. pot, nicely characterized	$1.00
6-in. pot, 18 to 20-in. spread	1.50
7-in. cedar tub, 18 in. high, 24-in. spread	2.00

Cibotium Schiedei	
9-in. cedar tub, 4-ft. spread	4.00
9-in. cedar tub, 5-ft. spread	5.00
9-in. cedar tub, 5 to 6-ft. spread	6.00

Joseph Heacock Co., Wyncote, Pa.

Railway Station, JENKINTOWN

Mention The Review when you write

40,000 S. A. NUTT

To be disposed of at once to make room for later stock; consisting of 2½-inch and 3½-inch, all ready to shift. They are strong and healthy plants.

We also have about **12,000 Mixed Plants** (mixed by mistake), that we are offering at a bargain; they are unnamed, but consist of single and double white, single and double pink and single and double red. Write for prices.

The Meredith Flower & Vegetable Co., LIBERTYVILLE, ILL.

Pot-Grown Ferns

NEPHROLEPIS

Scottii, Whitmani, Bostoniensis, Piersoni
4-inch, 15c each; 5-inch, 25c each; 6-inch, 50c each; 7-inch, 75c each; 8-inch, $1.00 each.
Large plants .....$1.50 to $8.00 each

CIBOTIUM SCHIEDEI

7-inch $2.00
9-inch 5.00
10-inch tub 7.50

PALMS

Areca Lutescens, 3-inch, 15c; 4-inch, 25c; 6-inch, $1.00; 9-inch, $5.00; 10-inch tub, $6.00.
Latania Borbonica, 4-inch, 20c; 5-inch, 30c.
Kentia Forsteriana—
4-inch pots.....$25.00 and $35.00 per 100
5-inch pots..... 50.00 and 75.00 per 100
6-inch pots..... 1.00 each
7-inch pots..... 2.50 each. Fine plants.
Kentia Forsteriana—
Combination .....$3.00 to $15.00 each
Kentia Belmoreana—
3-inch pots .....$18.00 per 100
4-inch pots .....$25.00 and 35.00 per 100
5-inch pots ..... 50.00 and 75.00 per 100
Kentia Belmoreana—
Larger plants,.....from $2.50 to $10.00 each
Cocos Weddelliana, 2½-inch pots..$15.00 per 100

FICUS PANDURATA

5-inch $0.75
6-inch 1.50
8-inch 3.00

FICUS ELASTICA

4-inch $0.25
5-inch ..... .35
6-inch .....50c and .75
7-inch .....75c and 1.00

DRACAENA MASSANGEANA

5-inch $1.00
6-inch 1.50
7-inch 2.50
8-inch 3.00

DRACAENA TERMINALIS

4-inch $0.35
5-inch ..... .50

DRACAENA LORD WOLSELEY

4-inch.....$0.50
5-inch ..... .75

PANDANUS VEITCHII

4-inch $0.50
5-inch ..... .75
6-inch 1.00
7-inch 1.50
8-inch 2.00

ASPIDISTRAS

Variegated, 5-inch, strong.....$1.25
Green, 6-inch, strong..... 1.00

ARAUCARIAS

Compacta, 5-inch $1.25
Compacta, 6-inch 1.75
Excelsa, 5-inch ..... .50
Excelsa, 6-inch .....75c and 1.00

CHINESE PRIMROSES

4-inch $0.10
5-inch ..... .20

PRIMULA OBCONICA

4-inch $0.10
5-inch ..... .25

ASPARAGUS SPRENGERI

2¼-inch.....$3.00 per 100

ASPARAGUS PLUMOSUS

2¼-inch $0.04

VINCA

Rosea, Rosea Alba, Alba, 2¼-in.....$2.50 per 100

JOHN BADER CO.

1826 Rialto St., N. S., PITTSBURGH, PA

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ORCHIDS

We are now booking orders for the **Spring Importations.** Placing orders now insures to you an early delivery and **best results.**

Send for Catalogue.

G. L. FREEMAN, Wellfleet, Mass.

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ORCHIDS

Greatest quantity and variety in the country, and for all purposes. We are now booking orders for freshly imported stock for next year. Write for prices.

LAGER & HURRELL, Summit, N.J.

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Boxwoods

BOXWOOD BUSHES AND PYRAMIDS, fresh imported. Fine shapes and excellent foliage. All measurements from top of tubs.

BOXWOOD BUSHES	Per 100
12 to 14 inches high	$25.00
16 to 18 inches high	40.00
18 inches high	45.00
20 inches high	50.00
20 to 22 inches high, 12 inches diameter	75.00
	Per pair
22 inches high, 14 inches diameter	$ 2.00
24 inches high, 16 inches diameter	3.00
26 inches high, 18 inches diameter	4.00
28 inches high, 18 to 20 inches diameter	5.00
30 to 32 inches high, 20 inches diameter	6.00
34 inches high, 20 to 22 inches diameter	8.00
36 inches high, 22 to 26 inches diameter	10.00

BOXWOOD PYRAMIDS

2½ feet high, 18 inches diameter	3.00
3 feet high, 18 to 19 inches diameter	4.00
38 inches high, 19 inches diameter	5.00
3½ feet high, 20 inches diameter	6.00
4 feet high, 20 to 22 inches diameter	$8.00 to 10.00
4¼ feet high, 22 inches diameter	12.00
5 feet high, 22 to 24 inches diameter	14.00
5 feet high, 22 to 24 inches diameter (bushier)	16.00

English Ivy in Pots

$2.00 per dozen; $15.00 per 100

Bay Tree Standards

Crowns from 38 to 45 inches, ranging in price from $12.00 to $25.00 per pair

Boston and Scottii Ferns

6½-inch to 9-inch pots, 75c to $3.00 each

Anton Schultheis

FLORIST

College Point, L. I., New York

Miller's Giant Obconicas

Will come in for Easter flowers, average larger than silver dollars, on long stems, fine for cutting also. Extra strong, 3-in., $5.00 100; 4-in., $7.00 100.

Cinerarias, the largest flowering grown, fine shades; large 3-in., $3.50 per 100.

Cyclamen Giganteum, in bud, 4-in., $10.00 per 100; 3-in., $5.00 per 100.

Asparagus Plumosus, strong, 3-in., $3.00 per 100; 2-in., $2.00 per 100. Special price by the 1000.

Asparagus sprengeri, 2-in., $1.50 per 100.

Chinese Primrose, coming in bloom, 3-in., $4.00 per 100.

Kewensis Primrose, for cut and pot plants, sweet scented, 3-in., $4.00 per 100.

Irish Shamrock, 2-in., $3.00 per 100.

These are well grown plants and will please you.

Cash, please.

J. W. MILLER, Shiremanstown, Pa.

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Orchid Peat

(Osmunda Fiber)

Price list and samples on request.

The C. W. BROWNELL CO.

WALDEN, N. Y.

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EASTER STOCK

	Doz.	100
Lilies, 5½-in. pots	$ 6.00	$ 40.00
Hydrangeas, 4-in., home	2.50	17.50
Hydrangeas, imp., 6-in., 4 to 6	7.00	50.00
Hydrangeas, imp., 6-in., 6 to 10	10.00	75.00
Hydrangeas, imp., 7-in., 8 to 12	15.00	100.00
Hydrangeas, imp., 8-in., 10 to 16	20.00	150.00

Azaleas, each, 75c, $1.00, $1.25 and $1.50. **Spiraeas,** each, 35c, 50c, 75c. **Deutzia,** 25c.

ROSES STARTED	Each
Crimson Ramblers, 6-in	75c, $1.00
Climbing Baby Ramblers, 6-in	75c, 1.00
Baby Ramblers, 6-in	50c, .75
Baby Ramblers, 4-in	25c, .35
White Ramblers, 4-in	35c, .50
Dorothy Pink, 4-in	35c, .50
Hermosa, 4-in	20c, 25c, .35

Primroses, Cyclamen, Cinerarias and all Bulb Stock.

GEO. A. KUHL, Wholesale Grower PEKIN, ILL.

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FERNS

4-inch, heavy stock, $12.00 per 100. Boston, Barrowsii and Elegantissima.
Also 2¼-inch Boston, $3.50 per 100.

Wagner Park Conservatories

SIDNEY, OHIO

Always mention the Florists' Review when writing advertisers.

LINCOLN, NEB.

At the annual meeting of the Nebraska State Florists' Society, held in this city, the following officers were elected: President, Irvin Frey, of Lincoln; vice-president, J. W. Lawson, of York; secretary, Lewis Henderson, of Omaha; treasurer, J. E. Atkinson, of Pawnee City. Trustees, C. H. Green, of Fremont; Edward Williams, of Grand Island; W. E. Davidson, of Holdrege.

An increase of $200 in the state fair premiums was recommended, making a total of about $700 offered for flowers and plants.

After the meeting the annual banquet was held in the Lindell hotel and was largely attended, plates being laid for about 100 guests. C. H. Green, of Fremont, was toastmaster, and the responses were numerous, able and entertaining. Lewis Henderson, Sec'y.

SOUTHAMPTON, N. Y.

The regular meeting of the Southampton Horticultural Society was held in the Memorial hall February 1, with President U. S. Ager in the chair.

The chairman of the show committee reported that the date of the summer show had been fixed for July 24 and 25.

Two new members were elected, W. H. Malcolm and Louis Ginnochia.

The members and lady friends were treated to a highly interesting lecture on "Old-fashioned Garden Flowers," by W. H. Malcolm. Mr. Malcolm was rather handicapped in not being able to show his fine collection of pictures of old English gardens. The meeting was held in the afternoon and the hall could not be sufficiently darkened to allow the pictures to be clearly seen on the screen. The lecturer was heartily thanked for his instructive discourse. He has kindly promised to show the pictures at the next meeting, under more favorable conditions.

William McLeod, Cor. Sec'y.

Mishawaka, Ind.—Larry Kuhn, formerly a vegetable grower at 611 North Charlotte street, is now out of the business.

East Liverpool, O.—Albert Logston, a farmer in the Hookstown district, is building a greenhouse in which to grow vegetables for the market.

Our Stock of Ferns

On January 20th invoiced, was 35,369. This consists of Bostons, 2½ in. to 10 in.; Whitmani, 2½ in. to 8 in.; Amerpohlii, 2½ in. and 5 in.; Roosevelt, 2½ in., 4 in., 5 in., 6 in.; Piersoni, 2½ in. to 6 in.; Plumosus, 2½ in. to 5 in.; Maidenhair, 2½ in. and 3 in. Small assorted ferns, 2½ in.; Sprengeri, 2½ in. to 6 in.; Scottii, 4 in. This makes a total of over thirty-five thousand. If you are interested in ferns at all, kindly send us list of sizes you would like and we will quote you special price, as we need both cash and room.

Be sure to ask for our Easter list.

GEO. A. KUHL

Wholesale Grower

PEKIN, ILL.

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Asparagus Plumosus Seedlings

$1.00 per 100; $7.50 per 1000.

COLLINGDALE GREENHOUSES

COLLINGDALE, PA.

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SEASONABLE PLANTS

	2-inch Per 100	3-inch Per 100
Geraniums, variegated foliage. Mountain of Snow, Silver Leaf S. A. Nutt, Mrs. Pollock	$3.00	$4.00
Geraniums, ivy-leaved. Rycroft's Surprise, Mrs. Banks, Alliance, Mme. Thibaut, Pierre Crozy, etc.	2.00	3.00
Geraniums, scented. Nutmeg, Lemon, Oak-leaved, Balm, Rose, Apple, etc.	2.00	3.00
Geraniums, standard varieties. We will send 1000, 50 each of 20 distinct named varieties, will include some Ivy if requested, 2-in. for $18 50; 3-in. for $25.00.		
Abutilon Savitzii	3.00	4.00
Achyranthes Emersoni, Besteri Mosaica	2.00	3.00
Begonia, Vernon, white and pink	2.00	3.00
Coleus, Golden Bedder, Verschaffeltii, Queen, Victoria, etc.	2.00	3.00
Coleus, Brilliancy	3.00	4.00
Hardy Chrysanthemums, splendid assortment	2.00	
Hardy English Ivy	2.00	3.00
Heliotrope, Albert DeLeaux, Chieftain, Mme. Bruant	2.00	3.00
Lemon Verbena, strong, summer propagation, semi-dormant	2.00	3.00
Lantanas, Iolanda, Delicatissima, Javi and other kinds	2.00	3.00
Petunias, double mixed and white	2.00	3.00
Salvias, Bonfire, Zurich, propagated from cuttings	2.00	3.00
Parlor Ivy, Senecio Scandens	2.00	3.00
Tradescantia Zebrina Multicolor	2.00	3.00
Verbenas, 5 colors, named varieties	2.00	3.00

Cash with order.

R. Vincent, Jr., & Sons Co., White Marsh, Md.

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STOCK ALWAYS NEEDED

Small Ferns for dishes—Pteris Mayii, Serrulata Cristata Variegata, Wimsetti, Cretica Albo-Lineata, $3.00 per 100, $25.00 per 1000.

Aspidium Tsussimense and Cyrtomium Falcatum, $3.50 per 100, $30.00 per 1000.

Asparagus Plumosus, 2½-in., $3.00 per 100, $25.00 per 1000.

Asparagus Sprengeri, 2½-in., $2.50 per 100, $22.00 per 1000.

Pandanus Utilis, 3-in., $10.00 per 100; 4-in., $20.00 per 100.

Cocos Weddelliana, 2½-in., $10.00 per 100.

Anthericum Variegatum, 4-in., strong, $8.00 per 100.

Rhododendron, special forcing varieties, 8 to 12 buds, 18 in. high, 75c each; 12 to 14 buds, 24 in. high, $1.00 each. Bright colored sorts with perfect foliage.

Azalea Mollis, easily forced, 12 to 15 in. high, full of buds, 25c each; 15 to 18 in. high, full of buds, 35c each.

Kentia Belmoreana, 6-in. pots, 5 to 6 leaves, 24 in. high, $1.00 each; 7-in. pots, 6 leaves, 24 to 26 in. high, $1.50 each.

Kentia Forsterians, 7-in. pots, 40 to 44 in. high, 5 to 6 leaves, $2.50 each; 8-in. pots, 44 to 48 in. high, 5 to 6 leaves, $3.50 each.

Forcing Spiraea Clumps, extra quality. No better proposition for Easter or Memorial day.

Floribunda, $5.00 per 100; $45.00 per 1000.

Gladstone, $10.00 per 100; $90.00 per 1000.

Superba, $6.00 per 100.

Queen Alexandra, $12.00 per 100.

Blondine, $6.00 per 100.

Japonica, $4.00 per 100.

BEDDING STOCK.

You will want to start soon.

Heliotropes. Czar, Czarina, Jersey Beauty, etc., $2.50 per 100.

Coleus—Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.

Geraniums—Standard market sorts, established plants, $3.00 per 100, $25.00 per 1000.

Flowering Begonias, good assortment, $3.00 per 100.

Croton Aurea Maculata—3-in. pot plants, $8.00 per 100.

English Ivy—Strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.

Violet—Hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000.

THE STORRS & HARRISON CO.,

Painesville, Ohio.

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F. S. SMITH

Feverfew, 2¼-in., $3.00 per 100.
Coleus, mixed, $2.50 per 100.
Godfrey Callas, 4-in., $6.00; 2¼-in. $4.00 100

330 W. 38th St., Indianapolis, Ind.

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DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

DAVID HERBERT & SON

ATCO, N. J.

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Aphine

The Insecticide that kills plant Lice of every species

Destroys green, black, white fly, thrips, red spider, mealy bug, scale and all plant sucking insects. An excellent cleanser for decorative stock.

$2.50 per gallon—$1.00 per quart.
U. S. and Canada.

FUNGINE

Has no equal for destroying mildew, rust and other plant fungi.

Fungine will cure bench rot, and is proving an excellent remedy for the protection of cuttings and young stock against the various blights.

$2.00 per gallon—75c per quart.
U. S. and Canada.

FOR SALE BY SEEDSMEN

Manufactured by

APHINE MANUFACTURING CO.
MADISON, N. J.

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THE BEST
Bug Killer and Bloom Saver

Drop us a line and

We will prove it

P. R. PALETHORPE COMPANY
Dept. A,
Owensboro, Ky.

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Cattle Manure in Bags
Shredded or Pulverized



Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unequaled for all field use. Write for circulars and prices.

The Pulverized Manure Company
33 Union Stock Yards CHICAGO

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Green Flies and Black ones too

are easy to kill with

The Fumigating Kind Tobacco Powder
$3.00 per bag 100 lbs.
Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?
THE H. A. STOOTHOFF CO., MOUNT VERNON, N. Y.

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PECKY CYPRESS, CEDAR POSTS
and other GREENHOUSE LUMBER

We are the largest retailers of lumber in the world, and are in a position to furnish you in quantities from wagon to carload lots. It will pay you to get our prices. No order too large; no order too small. **Write to the**

EDGEWATER AND ROSEHILL BRANCH

EDWARD HINES LUMBER COMPANY
Retailers of Lumber of All Kinds
1816 Balmoral Ave., CHICAGO, ILL.

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TO-BAK-INE KILLS BUGS
ASK
E. H. HUNT
131 N. Wabash Ave. CHICAGO

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GREEN FLIES AND BLACK ONES TOO
ARE EASY TO KILL WITH
Berger's Fumigating Kind Tobacco Powder
$2.00 per bag of 100 lbs. Also, Tobacco Stems, **50c per 100 lbs.**
INTERSTATE TOBACCO COMPANY, 713 First Avenue, NEW YORK

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NIKOTEEN
The most effective and economical material there is for Spraying Plants and Blooms. Skillfully extracted from Leaf Tobacco and carefully refined, it is clean and easy to apply. Does the work when vaporized, either in pans, on pipes or over a flame. **Full pint bottles, $1.50.**

APHIS PUNK
Specially prepared for fumigating closed houses. It vaporizes the Nicotine evenly and without waste. Nothing keeps a house free from Aphis so cheaply.

All Seedsmen

Prepared by The Nicotine Mfg. Co., St. Louis, Mo.

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LEMON OIL CO.'S
STANDARD INSECTICIDE
SOLUBLE IN WATER
NO ODOR, NO POISON

Guaranteed under the Insecticide Act, 1910. Serial No. 321.

If you want an insecticide to destroy insects on plants, Mealy Bug, Brown and White Scale, Thrips, Red Spider, Black and Green Fly, Mites, Ants, etc., **we have it.** Our insecticide destroys these pests, at the same time leaves no disagreeable odor. **Poisonless**—is harmless to user and plant.

Recommended and used by the leading seedsmen and florists throughout the country.

A favorite in chicken houses, and for killing insects in the homes. An excellent wash for dogs and other animals: It relieves mange.

1/2-Pint, 25c; Pint, 40c; Quart, 75c; 1/2-Gallon, $1.25; Gallon, $2.00; 5-Gal. Can, $9.00; 10-Gal. Can, $17.50

Dilute with water 30 to 50 parts.

Manufactured by

LEMON OIL CO.
Dept. H, 420 W. Lexington St., BALTIMORE, MD.

Directions on every package.

Tobacco Stems
Strictly clean and strong, from high grade cigar tobacco only. Freshly stripped and baled daily at factory in 300-lb. bales. Large or small orders promptly shipped. Write or phone if you want A No. 1 Tobacco Stems.

H. MUNSON, Telephone North 572, **1405 Wells St., CHICAGO**

Pecky Cypress
Pecky Cypress is the greatest money saver discovered in years. Will last at least three times as long as any other wood for bench material. We can make immediate shipments at all times from our large stock.

Ship Lap, Drop Siding, Sheathing, Flooring, White Cedar Posts, Etc.

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ADAM SCHILLO LUMBER CO.
Hawthorne and Weed Sts., CHICAGO
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TILE or PIPE FRAME BENCHES
Write for prices. Drainage perfect.
TILE BOTTOMS 12x24 and 9x24
Furnish any quantity.
The Camp Conduit Co. 718 Garfield Bldg., CLEVELAND, O.

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Classified Ad Department



Rate for advertising in this department 10 cents a line net, per insertion.

ACHYRANTHES.

Achyranthes Lindenii and Emersonii. Rooted cuttings, $1.00 per 100; 2½-in., 2½c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

500 2-in. achyranthes, $2.00.
Mercer Floral Co., Bowling Green, O.

AGERATUMS.

Ageratum Little Blue Star, rooted cuttings, 50c 100, $4.00 1000; 2-in., in bloom, 2c. Cash. Mail, 10c per 100.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Agertum, blue; rooted cuttings, 75c per 100 prepaid.
P. Pearson, 5734 Gunnison St., Chicago.

Ageratum Stella Gurney, blue; R. C., 75c per 100. John Irvine & Sons, Bay City, Mich.

Ageratum rooted cuttings, dark, 50c 100.
U. G. Harglerode, Shippensburg, Pa.

Ageratum Stella Gurney rooted cuttings, 50c 100; $4.00 1000. C. H. Jacobs, Westfield, Mass.

Ageratum Stella Gurney R. C., 50c 100; $4.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

ALTERNANTHERAS.

ALTERNANTHERAS.
Good, strong, well rooted cuttings.

	100	1000
P. major (red)	$0.50	$4.00
A. nana (yellow)	.50	4.00
Brilliantissima (best red)	.60	5.00

Place your orders early.
R. R. DAVIS CO., MORRISON, ILL.

ALTERNANTHERA JEWEL.
Stock plants, 2½-in., $20.00 per 1000; rooted cuttings, $10.00 per 1000. This is by far the finest alternanthera in sight, and you should stock up now for spring sales.
Chas. H. Totty, Madison, N. J.

Alternantheras in all colors, 2½-in., extra large, 2½c.
Meredith Flower & Vegetable Co.,
Libertyville, Ill.

Alternantheras, yellow only. Strong August cuttings to close out, $3.50 per 1000 prepaid.
P. Pearson, 5734 Gunnison St., Chicago.

The CHEAPEST, the EASIEST, and the BEST WAY to get rid of your surplus stock is to use the REVIEW'S classified advs.

Alternantheras. P. major, rosea, aurea nana, 50c; $4.50 1000. Brilliantissima, 60c; $5.00 1000. Cash. Byer Bros., Chambersburg, Pa.

Alternantheras, red, green and yellow, 2¼-in., 2c. Ready now.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Alternantheras, red, green and yellow. Rooted cuttings, 50c 100; $4.00 1000. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

Alternantheras, red and yellow. Rooted cuttings, 50c per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Alternantheras, red and yellow; R. C., 70c per 100. John Irvine & Sons, Bay City, Mich.

ALYSSUM.

Alyssum, double giant, 2¼-in., 2c. Rooted cuttings, 50c per 100, $4.00 per 1000; if by mail 10c per 100 extra. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Alyssum, giant dble. R. C., 70c; 2-in., $1.60 100. Cash.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Alyssum, double giant, in bloom, fine 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Alyssum, double giant; R. C., 75c per 100.
John Irvine & Sons, Bay City, Mich.

AMARYLLIS.

Amaryllis, best and largest flowering hybrids in blooming size, $10.00 100, free by express.
H. Krinke & Son, St. Paul, Minn.

AMPELOPSIS.

AMPELOPHIS VEITCHII.
Boston Ivy.
Extra strong 3-yr. transplanted, heavy 3 to 5 ft. tops and roots, $2.00 per doz., $10.00 per 100. Strong 1-yr., 18 to 24-in. tops, $1.50 per 25; $2.00 per 50, by mail; $3.00 per 100, $25.00 per 1,000 by express.
Chas. Black, Hightstown, N. J.

Ampelopsis Veitchii, strong, 1-yr., $2.00 per 100; $15.00 per 1000 by express. L. J. Stengel, 215-91 N. Johnston, Los Angeles, Calif.

Ampelopsis Veitchii, transplanted and extra fine, 2½ to 4 ft. tops, $1.50 per doz.; $9.00 per 100. Southside Nurseries, Chester, Va.

ANTHERICUM.

Anthericum variegatum, 4-in., strong, $8.00 per 100. Storrs & Harrison Co., Painesville, O.

AQUATICS.

Water plants of all descriptions. Cabomba (fish grass), $15.00 per 100 lbs.; less than 10 lbs., 25c per lb.
B. M. Wichers & Co., Gretna, La.

ARAUCARIAS.

Araucarias, 5-in., $6.00 per doz.; $45.00 per 100. Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS.

Asparagus plumosus from 3-inch pots, express prepaid, $4.50 per 100; extra large plants from the field, good for 8 to 10-inch pots, $22.50 per 100. Cash with order.
Diamond Hill Nursery,
763 S. Boyle Ave., Los Angeles, Calif.

Asparagus Sprengeri. We have good bushy young plants grown in bench, that are ready for 3 and 4-in. pots or benching, at $5.00 per 100; $40.00 per 1000. Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses, Dayton, O.

Asparagus plumosus, big, strong plants, 2½-in., $4.00 per 100, $35.00 per 1000; 3-in., $6.00 per 100, $50.00 per 1000. A. Sprengeri, 2½-in., $4.00 per 100; $35.00 per 1000.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Asparagus plumosus nanus, from 2¼-in. pots, $2.50 per 100, $22.50 per 1000; 3-in. pots, $5.00 per 100, $45.00 per 1000. Cash with order, please.
FLORAL HILL GARDENS,
G. F. Neipp, Prop. Chatham, N. Y.

10,000 Asparagus plumosus, extra strong 2½-in., $2.50 per 100; $22.00 per 1000. 6000 A. Sprengeri, strong, bushy, $2.00 per 100; $18.00 per 1000. Cash.
Daut Bros., 825 N. Water St., Decatur, Ill.

NICE PLUMOSUS.
2-in., $2.50; 3-in., $5.00; 4-in., $12.00.
SPRENGERI.
2½-in., $2.50; 3-in., $5.00.
Gullett & Sons, Lincoln, Ill.

Asparagus plumosus, strong and healthy, 3½-in., ready for 4-in., 5c. Asparagus Sprengeri, 3-in., fine, 3c; 4-in., extra strong, 8c.
Meredith Flower & Vegetable Co.,
Libertyville, Ill.

Asparagus Sprengeri, strong plants ready for shift at once, 2¼-in., $2.00 per 100, $17.00 per 1000; 3-in., $3.00 per 100. Cash, please.
John Bauscher, Jr., Freeport, Ill.

Asparagus plumosus seedlings from greenhouse grown seed. $10.00 per 1000; 2¼-in., $3.00 per 100, $25.00 per 1000.
R. J. Irwin, 3007 Broadway, New York, N. Y.

Asparagus plumosus, extra strong, from 2-in. pots, $2.50 per 100, $22.00 per 1000; 2½-in., $3.00 per 100, $28.00 per 1000. A. Sprengeri, 2½-in., $3.00 per 100. Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, 2¼-in. pots, $3.50 per 100, $30.00 per 1000; 3-in. pots, $6.00 per 100. Cash with order. 500 at 1000 rate.
Frank Oechslin, 4911 W. Quincy St., Chicago.

ASPARAGUS PLUMOSUS NANUS.
CUT STRINGS, 8 FT. LONG,
50c EACH.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, 3-in., 5c. A. Sprengeri seed, greenhouse grown, strictly new seed, $1.00 per 1000; $4.50 per 5000. Cash with order.
S. E. Levi, 1713 S. West, Rockford, Ill.

Asparagus plumosus, 3-in., ready for 4 or 5-in., very strong, 5c; transplanted seedlings, 2½c. A. Sprengeri seedlings, 2c. Cash.
N. P. Colberg, Princeton, Ill.

Asparagus plumosus, 2½-in., $3.00 per 100; $25.00 per 1000. Asparagus Sprengeri, 2½-in., $2.50 per 100; $22.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Asparagus Sprengeri, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
CHICAGO FLOWER GROWERS' ASSOCIATION,
176 N. Michigan Ave., Chicago.

Asparagus Sprengeri, fine 2½-in., $1.50 per 100; $12.50 per 1000.
J. C. SCHMIDT, Bristol, Pa.

Asparagus Sprengeri, 3-in., bushy plants, $4.00 per 100. Cash with order.
Henry Dornbusch, R. R. 2, Dayton, O.

Asparagus Sprengeri, 2¼-in., $1.50 per 100, to make room; 3-in., $4.00 per 100. Cash.
J. Palmer Gordon, Ashland, Va.

Asparagus Sprengeri, extra strong seedlings, $1.25 100; $12.00 1000.
Rober & Radke, Maywood, Ill.

Asparagus Sprengeri, 2½-in., extra strong, $2.00 per 100; 3-in., $5.00 per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Asparagus plumosus, 3-in., 6c. A. Sprengeri, 3-in., 4c; 4-in., 6c; 5-in., 12c.
Schneider, Florist, Springfield, Ohio.

Asparagus plumosus, strong plants, 2½-in., $3.00 per 100; $25.00 per 1000. Cash.
W. B. Girvin, Leola, Pa.

Asparagus Sprengeri, 3-in., $3.00 per 100; 200 for $5.00.
Whitton & Sons, City & Green, Utica, N. Y.

Asparagus Sprengeri, 2¼-in. pots, $2.00 100; 4-in., $8.00 100; 5-in., $15.00 100.
Willis W. Kinyon, South Bend, Ind.

Asparagus plumosus nanus, 2-in., 2c. Asparagus Sprengeri, 2-in., 2c; 3-in., 3c.
U. G. Harglerode, Shippensburg, Pa.

Asparagus Sprengeri, 2-in., strong, $2.00 100. A. plumosus, 3-in., $4.00 100.
J. W. Ross Co., Centralia, Ill.

Asparagus plumosus out of 4-in. pots, $8.00 per 100. Asparagus Sprengeri out of 3-in., $4.00 per 100. Wm. Schwan & Son, Fredonia, N. Y.

Asparagus plumosus, 2½-in., strong, 3c; seedlings, fine, $1.00 100.
A. J. Baldwin, Newark, O.

Asparagus Sprengeri, 2-in., $2.50 per 100 express paid; 3 and 3½-in., 4c.
Cottage Greenhouses, Litchfield, Ill.

Asparagus plumosus nanus, fine bushy plants with many shoots coming, 4-in., 7c.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

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REVIEW Classified Advs.

Asparagus Sprengeri, 4-in., 6c; 3-in., 3c.
Crittenden & Daniel, Waterloo, Iowa.

Asp. pl. nanus, 2, 3-in., $1.50, $3.20 100. Cash.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Asparagus plumosus, 4-in., 5c.
Truitt's Greenhouses, Chanute, Kan.

Asparagus Sprengeri, good plants in 4-in., 6c.
Mellen Greenhouse Co., Ravenna, O.

Asparagus plumosus nanus, strong 2-in., 3c. A. Sprengeri, 2-in., 2c. J. L. Schiller, Toledo, O.

Asparagus plumosus, 3-in., 5c.
Hammerschmidt & Clark, Medina, Ohio.

Asparagus plumosus, $2.00 per 100; $17.50 per 1000. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus, fine. See display adv.
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Asparagus plumosus, good stock, $25.00 per 1000. Albert M. Herr, Lancaster, Pa.

See under seeds. B. J. Passmore, Malvern, Pa.

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ASTER SEED, the finest florists' varieties, all types and colors.
ASTER PLANTS in more than 100 varieties—all of Vick's and all the novelties of other growers worth growing. Get our list and prices on large quantities.
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Aster sinensis.
J. Hasslach, St. Remy de Provence, France.

Best quality seed. See display adv. for prices.
Herbert & Fleishauer, McMunnville, Ore.

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Azalea mollis, easily forced, 12 to 15 in. high, full buds, 25c each; 15 to 18 in. high, full of buds, 35c each.
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Bay trees (standards), fine assortment, sizes 12 to 48 in. crowns. Price, $2.50 to $25.00 each. Let us know your wants.
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Bay trees and box trees, all sizes.
Write for special list.
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Bay trees. Fine selection. Write for prices.
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Blooming begonias, mixed varieties, $2.50 per 100. Otto Hacker, rubra, Thurstoni and Erfordii, R. C., $2.00 per 100; 2-in., $3.00; 2½-in., $3.50 per 100. Rex begonias, mixed, $4.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonias in blossom. Coral, 2-in., 3c; 3-in., 6c. Luminosa, 3-in., 6c. Or will trade for geranium cuttings, S. A. Nutt, Ricard, Poitevine, Double White, or 2, 2½ or 3-in. Vinca variegata.
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Begonia corallina lucerna, grandest of all flowering begonias. Send for illustrated and descriptive price list. Strong rooted cuttings, $4.00 per 100. Sample lot of 20 R. C. for $1.00 postpaid.
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Begonia Lorraine, exceptionally well developed plants, ready for immediate retail sales, 6-in., 60c each; 7-in., 75c each.
Baur Floral Co., Erie, Pa.

Begonias, luminosa, Erfordii, Vernon, transplanted seedlings, $1.25 100. Erfordii, 2½-in., $2.50 100. Cash, please.
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Rex begonias, in variety, 2¼-in., 75c per doz., $5.00 per 100; strong rooted cuttings, $1.50 per 100. G. E. Fink, Kenilworth, N. J.

Begonias, assorted 3-in., $4.00 100. Fern leaf or Washingtoniensis, R. C., $1.00 100; $8.00 1000. J. W. Ross Co., Centralia, Ill.

Rex begonias, strong 2-in., fine varieties, 4c; $35.00 per 1000.
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REX BEGONIAS my specialty. Largest collection, $5.00 per 100.
B. C. BLAKE, Springfield, O.

Begonia Feastii Bunchii, 3-in., $5.00 per 100.
Loyd C. Bunch, Fredonia, Kan.

Flowering begonias, good assortment, $3.00 per 100. Storrs & Harrison Co., Painesville, O.

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Christmas peppers, 4-in., $10.00 per 100. Cash.
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Fine bouvardia stock plants from bench for immediate shipment; colors, pink, white and red, $7.00 per 100; $60.00 per 1000. Cash with order or satisfactory reference.
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Canna bulbs, raised on our own farms under personal supervision. If you want first-class stock at reasonable prices, write us at once.
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Bulbs of all descriptions. Write for catalogue and prices.
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Calceolaria hyb. grandiflora, extra fine and strong, must go into 3½ or 4-in.; if taken at once, before shifted, will take 10c, or $25.00 for 300. Cash. N. P. Colberg, Princeton, Ill.

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3000 Godfrey callas, size 2½ to 7-in. pots. Will exchange for geraniums, pelargoniums, chrysanthemums, Queen Alexandra daisies, feverfew, fuchsia or Bassett carnation cuttings, or anything we can use. If you grow callas this is the kind you should grow.
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400 callas out of 5-in. pots, just commencing to bloom, fine for Easter, bud showing, 12c; if not in bud or bloom, 10c.
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Godfrey callas bring 3 flowers to 1 of the common, and bloom from 3-in. pots; 3-in., $6.00 100. Cash with order. See my cyclamen adv.
C. Winterich, Cyclamen Specialist, Defiance, O.

Callas, good flowering strain; strong, from flats, 75c per 100.
Ullrich's Greenhouses, Tiffin, O.

Godfrey callas, ready for 2-in. pots, ready for sale, good stock, $20.00 per 1000. Callas in flats.
B. F. Hensley, Knightstown, Ind.

Godfrey callas, 2-in., $2.50 per 100.
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1,000,000—CANNAS—1,000,000
True to name, quality unsurpassed, our own grown stock, not to be compared with common southern grown stock, the so-called contract-grown roots. See our full page advertisement in January 25th issue, page 3. Catalogue free.
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Cannas. Florence Vaughan, Chas. Henderson and Austria, $1.50 per 100. Robusta, $3.00 per 100. America, $2.00 per 100.
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Cannas. 10,000 Austria and 8000 Morning Star (yellow), $1.25 per 100; $11.00 per 1000. Tarrytown, Pennsylvania, Crimson Bedder, Chas. Henderson, David Harum, Allemania, Shenandoah, $1.50 per 100.
F. Walker & Co., 634 Fourth, Louisville, Ky.

Cannas. Duke of Marlborough, Egandale, Comet, Florence Vaughan, Kate Gray, Burbank, Austria, $2.25 per 100. M. Washington, King Humbert, Louisiana, $4.00 per 100. Mount Blanc, $10.00 per 100. Cash, please.
A. S. Watkins, West Grove, Pa.

Cannas. Bouvier, Henderson, F. Vaughan, J. C. Vaughan, Burbank, S. D. A. Croxy, 2c; Egandale, 2½c; King Humbert, 3c. All true stock.
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THE IMPROVED CANNA.
64 varieties, including Mrs. A. F. Conard and the finest new ones. Send for price list.
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Canna C. Henderson. Dry bulbs, 1 to 3 eyes, $2.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Chas. Henderson, Egandale, Ant. Croxy, Bouvier, Queen Charlotte, $20.00 1000. King Humbert, $3.00 100; $25.00 1000. Jas. Ambacher, West End, N. J.

CARNATIONS.

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All cuttings have our guarantee back of them.

	Per 100	Per 1000
Wodenethe	$12.00	$100.00
Afterglow	3.00	25.00
Beacon	3.00	25.00
Bonfire	6.00	50.00
Enchantress	3.00	25.00
Gloriosa	6.00	50.00
Princess Charming	6.00	50.00
Rosette	12.00	100.00
Rose-pink Enchantress	3.00	25.00
Mrs. Ward	4.00	30.00
Washington	6.00	50.00
White Enchantress	4.00	30.00
White Perfection	3.00	25.00
White Wonder	6.00	50.00
Winsor	3.00	25.00
St. Nicholas	12.00	100.00
Comfort	6.00	50.00
Brooklyn	12.00	100.00
Dorothy Gordon	4.00	35.00
Pennsylvania	3.50	30.00

S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

ROOTED CARNATION CUTTINGS.
Strong and healthy stock.

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Benora	12.00	100.00
Rosette	12.00	100.00
Rainbow	12.00	100.00
White Wonder	6.00	50.00
Gloriosa	6.00	50.00
Pink Delight	4.00	35.00
Scarlet Glow	3.00	25.00
Mrs. C. W. Ward	3.50	30.00
White Perfection	3.00	25.00
Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Winona	3.00	25.00
May Day	3.00	25.00
Victory	3.00	25.00
Winsor	3.00	25.00
Beacon	3.00	25.00

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NONE BETTER.

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Enchantress	$2.50	$20.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Mrs. C. W. Ward	3.00	25.00
Alma Ward	3.00	25.00
Beacon	3.00	25.00
Victory	2.50	20.00
O. P. Bassett	3.00	25.00
Harlowarden	2.50	25.00
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Shasta	2.50	20.00
Mary Tolman	2.50	20.00
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Washington	6.00	50.00

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Wodenethe	$12.00	100;	$100.00	1000
White Wonder	6.00	100;	50.00	1000
White House	6.00	100;	50.00	1000
Princess Charming	6.00	100;	50.00	1000
Gloriosa	6.00	100;	50.00	1000
Mrs. C. W. Ward	3.50	100;	30.00	1000
Ruby	3.00	100;	25.00	1000
Pink Delight	3.50	100;	30.00	1000
Enchantress	3.00	100;	25.00	1000
W. Enchantress	3.00	100;	25.00	1000
White Perfection	3.00	100;	25.00	1000
Sangamo	3.00	100;	25.00	1000
Dorothy Gordon	3.00	100;	25.00	1000
May Day	3.00	100;	25.00	1000
Scarlet Glow	3.00	100;	25.00	1000
Mary Tolman	3.00	100;	25.00	1000

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Carnation cuttings of Pink and White Enchantress, Beacon and Harlowarden, unrooted, 1c; rooted, 2c. Fine, healthy stock. Cash.
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We are rooting over 200,000 this season of the leading commercial varieties. Our stock of Enchantress and Pure White Enchantress is hard to beat and you can depend upon the stock being right when you house your plants in the fall. Be sure you get reliable stock. If our cuttings are not satisfactory they may be returned immediately and money will be refunded.

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Mrs. C. W. Ward	3.50	30.00
Dorothy Gordon	3.50	30.00
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250 at 1000 rate. Cash or reference.
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Carefully selected, healthy stock.

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White Enchantress	3.00	25.00
Enchantress	3.00	25.00
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May Day	3.00	25.00
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Strong, clean, healthy stock.

Enchantress	$3.00	100;	$25.00	1000
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White Enchantress	3.00	100;	25.00	1000
Dorothy Gordon	3.00	100;	25.00	1000
Scarlet Glow	3.00	100;	25.00	1000
O. P. Bassett	3.00	100;	25.00	1000
Beacon	3.00	100;	25.00	1000
White Wonder	6.00	100;	50.00	1000
Washington	6.00	100;	50.00	1000
Bright Spot	6.00	100;	50.00	1000

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Immediate Delivery.

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Enchantress	3.00	25.00
Beacon	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Winsor	2.50	20.00

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Best cuttings obtainable from strong vigorous plants.

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Rose-pink Enchantress	$3.00	$25.00
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2 and 2¼-in. pot plants on application.
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Mrs. Ward	3.50	30.00
Alma Ward	3.50	30.00
Beacon	3.50	30.00
Enchantress	3.00	25.00
White Perfection	3.00	25.00
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Absolutely no disease, rooted cool.
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Enchantress	$2.00	100;	$18.00	1000
Pure White Enchantress	2.00	100;	18.00	1000
Rose-pink Enchantress	2.00	100;	18.00	1000
Sangamo	1.75	100;	15.00	1000
May Day	1.75	100;	15.00	1000
Winsor	1.50	100;	12.50	1000
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May Day	3.00	25.00
Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00

Strong, cool grown, well rooted cuttings.
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Enchantress May Day	3.00	25.00
W. Perfection, W. Enchantress	3.00	25.00

10% discount for cash.
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Also other standard varieties.
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Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Beacon	3.00	25.00
Winsor	2.00	18.00
Pink Lawson	2.00	18.00
C. W. Ward	3.50	30.00

UNITED STATES CUT FLOWER CO.,
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Carnation cuttings from most reliable growers. Satisfaction assured.

	100	1000
White Wonder and Gloriosa	$6.00	$50.00
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FINE CARNATION CUTTINGS WELL ROOTED

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Pink Lawson	2.00	15.00
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Rooted cuttings or carnations for immediate and future delivery, guaranteed to give satisfaction.

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Enchantress	3.00 100;	25.00 1000
Beacon	3.00 100;	25.00 1000
Victory	3.00 100;	25.00 1000
Mrs. C. W. Ward	3.00 100;	25.00 1000
Dorothy Gordon	3.00 100;	25.00 1000
Rose-pink Enchantress	3.00 100;	25.00 1000

Chas. Knopf Floral Co., Richmond, Ind.

CARNATIONS. ROOTED CUTTINGS. IMMEDIATE DELIVERIES.

Wodenethe, the greatest white, and Brooklyn, an absolutely reliable cerise pink, $12.00 per 100; $100.00 per 1000.

Princess Charming, White House, White Wonder and Gloriosa, $6.00 per 100; $50.00 per 1000.

Winsor, Harlowarden, Sangamo, Mrs. Patten and White Perfection, $3.00 per 100; $25.00 per 1000.

Chas. H. Totty, Madison, N. J.

ROOTED CARNATION CUTTINGS. MRS. C. W. WARD. ALMA WARD. $3.50 per 100. $30.00 per 1000. READY FOR DELIVERY NOW.

Also all standard varieties.

THE LEO NIESSEN CO.,
12TH & RACE STS., PHILADELPHIA, PA.

Carnations, strong, rooted stem cuttings.

Winsor	$15.00 per 1000
Victory	15.00 per 1000
White Perfection	20.00 per 1000
White Enchantress	20.00 per 1000
Mrs. C. W. Ward	20.00 per 1000

100 at 1000 rate.

Write for prices on large lots.

Northwestern Floral Co., Gross Point, Ill.

Carnation cuttings for sale or trade for geranium cuttings or 2-in. stock, S. A. Nutt, Ricard, Poitevine, Double White, or 2, 2½ or 3-in. Vinca variegata:

Enchantress	$2.50 per 100
R. P. Enchantress	2.50 per 100
Victory	2.50 per 100

Strong, clean stock.

J. Austin, 3111 Troost Ave., Kansas City, Mo.

CARNATION ROOTED CUTTINGS.

Enchantress	$3.00 100;	$25.00 1000
Victory	3.00 100;	25.00 1000
Winsor	3.00 100;	20.00 1000
May Day	3.00 100;	25.00 1000
White Enchantress	3.00 100;	25.00 1000

MICHIGAN CUT FLOWER EXCHANGE,
38-40 Broadway, Detroit, Mich.

Carnation plants and rooted cuttings. Surplus stock to close. Healthy and in fine condition.

PLANTS from flats and 2½-in. pots—1200 Winona, 1000 Winsor, 1000 May Day, 300 White Perfection, $2.50 per 100; $20.00 per 1000.

ROOTED CUTTINGS—1000 Mrs. C. W. Ward, $20.00. 1000 Winsor, 700 Winona, $2.00 per 100; $18.00 per 1000. Frank P. Putnam, Lowell, Mass.

Rose-pink Enchantress	$25.00 per 1000
Winsor	20.00 per 1000
Melody	20.00 per 1000
White Lawson	20.00 per 1000
Harlowarden	20.00 per 1000
Carnegie	18.00 per 1000

Cash please. Satisfaction guaranteed.

EHMANN'S. CORFU, N. Y.

Carnation rooted cuttings, now ready. Winsor, $15.00 per 1000. Victory, $15.00 per 1000. Enchantress, $20.00 per 1000. R. P. Enchantress, $20.00 per 1000. White Enchantress, $25.00 per 1000. Cash, please.

Geo. A. Relyea, Orchard Pl., Poughkeepsie, N. Y.

Carnation rooted cuttings. Christmas Cheer, the great scarlet pot carnation, sells quickly at Christmas at $1.00 to $1.50 per pot. Try a few at $5.00 per 100, also Beacon and Victory at $3.00 per 100.

S. N. Peck, 424 Superior St., Toledo, O.

Carnations, strong rooted cuttings, ready:

Enchantress	$25.00 per 1000
White Enchantress	25.00 per 1000

CHICAGO FLOWER GROWER'S ASSOCIATION,
176 N. Michigan Ave., Chicago.

Carnations. Enchantress, May Day, Winsor, $2.00 per 100; $18.00 per 1000. White Enchantress, White Perfection, $2.50 per 100; $20.00 per 1000. Princess Charming, $5.00 per 100.

Jas. Wheeler, Natick, Mass.

CARNATION ROOTED CUTTINGS

Beacon, Pink Enchantress, Dorothy Gordon, only $22.50 per 1000. Write early if you want them.

FLOREX GARDENS, NORTH WALES, PA.

Carnation White Wonder, fine, strong rooted cuttings, $6.00 per 100; $50.00 per 1000. Enchantress, $2.50 per 100; $20.00 per 1000. Victory, $3.00 per 100; $25.00 per 1000. Cash with order.

Hillsborough Nurseries, Burlingame, Calif.

Enchantress, Rose-pink Enchantress, and Pure White Enchantress, well rooted, $2.50 per 100, $20.00 per 1,000; unrooted, $10.00 per 1,000; from 2-in. pots, $30.00 per 1,000. Ready now. Cash.

Daut Bros., Decatur, Ill.

Carnation rooted cuttings. Beacon, $3.00 per 100, $25.00 per 1000; Enchantress, Rose-pink, White Enchantress and White Perfection, $2.50 per 100; $20.00 per 1000.

Scharff Bros., Van Wert, O.

Fine lot of strong, well rooted Enchantress cuttings, $2.50 per 100; $20.00 per 1000. Special price on large lots.

Paul E. Weiss, Maywood, Ill.

Carnation rooted cuttings, Winsor, Enchantress, Rose-pink, Perfection, $2.50 per 100, or will exchange for anything we can use.

Wm. Eschrich Co., North Milwaukee, Wis.

White Enchantress	$2.50 100;	$20.00 1000
Lawson	1.50 100;	12.50 1000

Wm. Murphy, 309 Main St., Cincinnati, O.

Carnation rooted cuttings. Enchantress, White Enchantress, Winsor, Beacon, $3.00 per 100.

Marine City Floral House, Marine City, Mich.

Carnations. Gloriosa, $6.00 per 100. Alma Ward, $3.00 per 100.

Cottage Greenhouses, Litchfield, Ill.

50,000 well rooted Enchantress cuttings for immediate and future use, $2.00 per 100; $18.00 per 1000.

W. H. Amling, Maywood, Ill.

Carnation rooted cuttings. White Perfection and Light Pink Enchantress, $2.00 per 100.

Wm. Schwan & Son, Fredonia, N. Y.

1000 Lawson-Enchantress, 2000 Enchantress R. C., $20.00 1000; 500 Beacon, R. C., $3.00 100.

Jas. C. Murray, Peoria, Ill.

Carnation rooted cuttings, Princess Charming, $5.00 per 100.

J. R. Falkenstein, Naperville, Ill.

Write Locust Street Greenhouses, Oxford, Pa., for price list of well rooted cuttings.

CHRYSANTHEMUMS.

Rooted chrysanthemum cuttings in exchange for anything that we can use and for cash from $15.00 to $25.00 per 1000.

Silver Wedding	Golden Chadwick
Adelia	Glitter
White Bonnaffon	Col. Appleton
Mrs. Weeks	Madagascar
Mlle. M. Desjouis	Com. Matthieu
Jerome Jones	Yellow Miller
White Chadwick	Polypheme
C. Touset	Buff Globe
J. Nonin	A. J. Balfour
Lynnwood Hall	Pres. Loubet
Diana	Duckham
Beatrice May	Enguehard
Leon Truelle	Perrin
Merza	Jeanne Rosette
Virginia Poehlmann	M. Loiseau Rousseau
Pres. Taft	Lady Hopetown
Major Bonnaffon	Hamilton
Golden Wedding	Helen Frick
Modesto	Black Hawk
Nesota	Shrimpton

Also the following varieties in 2 and 2½-in. pots at $7.00 per 100:

Smith's Advance	Glen Cove
Thanksgiving Queen	Unaka
Chrysolora	Dick Witterstaetter
Roman Gold	

Also rooted cuttings of Smith's Advance, $4.00 per 100.

Wolfe, The Florist, Waco, Texas.

CHRYSANTHEMUMS. If you want good, healthy, strong plants from 2¼-in. pots, or rooted cuttings, send us your order for immediate or later delivery of the following: Golden Glow, Bonnaffon, Col. Appleton, Eaton, Jones, Maud Dean, Dr. Enguehard, Jeanne Nonin, plants, $3.00 per 100, $25.00 per 1000; rooted cuttings, $1.00 per 100, $8.00 per 1000. Donatello, W. E. Kelley, Wm. Duckham, Elise Papworth, Virginia Poehlmann, Edmond Albe, Gloria, plants, $4.00 per 100; rooted cuttings, $2.00 per 100.

POMPON AND DAISY CHRYSANTHEMUMS. Diana, Zenobia, Mary Richardson, Baby, Nellie Blythe, Kitty Bourne, Minnesota, $3.00 per 100, $25.00 per 1000; rooted cuttings, $1.00 per 100, $8.00 per 1000. Minta, the new Enchantress pompon, $4.00 per 100; $35.00 per 1000.

Zieger & Sons, Germantown, Phila., Pa.

Extra strong 2-in. plants of the finest and earliest white chrysanthemum, Smith's Advance, $1.25 per doz., $10.00 per 100; rooted cuttings from soil, $8.00 per 100. Chrysanthemum Glen Cove, a 1911 novelty, an extra large pink; strong 2-in. plants, 25c each, $2.00 per doz.

Jos. F. Klimmer Estate, Forest Park, Ill.

CHRYSANTHEMUM ROOTED CUTTINGS. Ready for delivery March 1.

	100	1000
CRIMSON—		
Pockett's Crimson	$2.50	$20.00
Intensity	2.00	15.00
WHITE—		
Alice Byron	2.00	15.00
Touset	2.00	15.00
Virginia Poehlmann	2.00	15.00
October Frost	2.00	15.00
YELLOW—		
Crocus	4.00	35.00
Golden Glow	2.00	15.00
Halliday	2.00	15.00
Major Bonnaffon	2.00	15.00
PINK—		
Pacific Supreme	2.00	15.00

J. D. Thompson Carnation Co., Joliet, Ill.

CHRYSANTHEMUMS.

Earliest and best white chrysanthemum, SMITH'S ADVANCE. Extra choice 2¼-in. plants, $8.00 100; rooted cuttings, $5.00 100.

HELEN NEWBERRY, best late white pompon on the market, $15.00 100, 50, $7.50; 25, $5.00; 12, $3.00.

Orders respectfully solicited and stock guaranteed.

MICHIGAN CUT FLOWER EXCHANGE,
38-40 Broadway, Detroit, Mich.

A NEW SINGLE CHRYSANTHEMUM. MARY COLLADAY.

A seedling of Garza, extremely free and excellent keeping qualities. Color a rich rose lavender pink and Garza in size and form. Strong 2¼-in. stock., $4.00 per doz; $25.00 per 100.

S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Chrysanthemum cuttings for sale or trade for geranium cuttings, S. A. Nutt, Ricard, Poitevine and Double White:

Golden Wed'g.	$1.00 100	Pac. Supreme.	$1.00 100
Appleton	1.00 100	Dr. Enguehard	1.00 100
Golden Glow..	1.00 100	White Diana..	1.00 100
Timothy Eaton	1.00 100		

J. Austin, 3111 Troost Ave., Kansas City, Mo.

Chrysanthemums, 2½-in. pot plants in ideal condition at $3.00 per 100; $25.00 per 1000. Wm. Duckham, Beatrice May, Mrs. O. H. Kahn, Monrovia, Gloria, Hanky, Lady Hopetown. Smith's Advance, $15.00 per 100. These plants are sold with an absolute guarantee of being true to name and finest Totty quality.

Chas. H. Totty, Madison, N. J.

Pompon chrysanthemum Diana, the best double white pompon, surely a moneymaker for the commercial florist. Stock plants, $4.00 per 100; rooted cuttings, $1.00 per 100, or will exchange for bedding plants.

C. P. Bethards, Florist, Springfield, O.

Chrysanthemum cuttings for early delivery. Golden Chadwick, W. H. Chadwick, Yellow Eaton, White Eaton, W. T. Brock (incurved Thanksgiving pink) $2.50 100; $20.00 1000. All other varieties at market prices.

R. J. Irwin, 3097 Broadway, New York, N. Y.

"CHRYSANTHEMUMS FOR THE MILLION."

A record of notes on the culture of the chrysanthemum, by growers situated in every section of the United States, with an introduction by the author, C. H. Totty. Price, 25c.

Chas. H. Totty, Madison, N. J.

Smith's Advance rooted cuttings, $5.00 per 100. Unoka, the great early pink, rooted cuttings, $5.00 per 100; 2½-in. plants, $8.00 per 100. Golden Glow rooted cuttings, $2.50 per 100. Polly Rose rooted cuttings, $2.50 per 100.

Max B. Schreiber, McDonald, Pa.

50,000 CHRYSANTHEMUM CUTTINGS, $10.00 per 1000.

Yellow Bonnaffon	Diana
Garza	Richardson
	Yellow Baby

J. R. Falkenstein, Naperville, Ill.

Chrysanthemum Smith's Advance, the early white, without a rival, easy to grow, does not damp, petals tight. Well rooted tips, $5.00 per 100. My stock is large and cool grown. I want rooted Gloriosa carnations and will exchange.

Maurice J. Brinton, Christiana, Pa.

I am booking orders for fancy rooted cuttings of yellow Bonnaffon from plants carried on benches in a light, new house, making the finest of stock. Price, $2.00 per 100; $17.50 per 1000. Cash with order.

G. S. Ramsburg, Somersworth, N. H.

SMITH'S ADVANCE.

The earliest white mum, a good money-maker. Rooted cuttings, 75c per doz.; $5.00 per 100. From 2¼-in. pots, $1.25 per doz.; $8.00 per 100.

A. L. RANDALL CO.,
266 E. Randolph St., Chicago.

Chrysanthemum rooted cuttings of all the best commercial and exhibition sorts. Write for prices.

Bergenfield Nurseries,
Thomas W. Head, Prop., Bergenfield, N. J.

Chrysanthemum stock plants for sale or exchange. 500 Major Bonnaffon, 500 Jeanne Nonin, 6 to 10 cuttings on each plant, $8.00 per 100. Will exchange for 2-in. Ricard or Poitevine geraniums. Tice, Florist, New Brunswick, N. J.

Chrysanthemum rooted cuttings. Enguehard (pink), Bonnaffon (yellow) and Nonin (white), $2.00 per 100; $17.50 per 1000. Smith's Advance (new early white), $5.00 per 100.

Albert M. Herr, Lancaster, Pa.

Pompon and daisy rooted cuttings, 75c to $2.00 per 100.

R. F. Gloede, Evanston, Ill.

Patty and Dolly Dimple rooted cuttings, $3.00 per 100, $20.00 per 1000; out of 2½-in. pots, $4.00 per 100, $35.00 per 1000. Satisfaction guaranteed. Cash with order.
Conrad Schultz, Westerly, R. I.

Chrysanthemum stock plants. G. Glow, Crocus, Gloria, Enguehard, Oct. Frost, Polly Rose, 50c per doz.; $3.00 per 100, or will exchange for any stock I can use.
H. S. McClenahan, Oklahoma City, Okla.

We have 5000 Smith's Advance chrysanthemum rooted cuttings ready to ship at $5.00 per 100. Cash with order. You had better hurry.
The Newburys, Mitchell, S. D.

Pompon chrysanthemum stock plants. Diana, 3c each, $3.00 per 100; rooted cuttings, $1.00 per 100.
F. W. Ude & Son, 650 N. Dickson, Kirkwood, Mo.

Fine healthy stock, Smith's Advance. Rooted cuttings, $4.00 per 100; 2½-in., $6.00 per 100. Special prices per 1000.
Will Bros. Co., Box 29, Minneapolis, Minn.

5000 Pacific Supreme rooted cuttings, ready Feb. 12, best early pink, big moneymaker, $1.25 per 100.
J. F. Link, 1124 Rammers, Louisville, Ky.

Chrysanthemums. Early Snow, Estelle, Golden Glow, Pacific Supreme rooted cuttings, $1.00 per 100. Orders booked for Nonin, Bonnaffon, Nagaya.
E. A. Wallis & Co., Berlin, N. J.

Chrysanthemum, 2-in. pots. Smith's Advance, Unaka, Glen Cove, Mrs. David Syne, $7.00 per 100. Eli Cross, 25 Monroe, Grand Rapids, Mich.

Advance, strong, healthy and clean 2½-in. stock, $8.00 per 100.
Chas. Frueh & Sons, Saginaw, Mich.

Chrysanthemums, 16 commercial varieties. Rooted cuttings, $10.00 per 1000. Orders booked.
McRae-Jenkinson Co., Cheswick, Pa.

Chrysanthemum stock plants, strong. Mrs. Parr, Pres. Roosevelt, Helen Frick, $3.00 per 100.
Mercer Floral Co., Bowling Green, O.

Stock plants of yellow Garza, new, at 50c each, $5.00 per doz.
Jacob Russler, 114th and Avon, Morgan Park, Ill.

CINERARIAS.

Cinerarias, Columbian mixture, splendid colors, 6-in., 35c ea., $4.00 per doz.; 5-in., $3.00 per doz. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Cinerarias, 4-in., 10c; 5-in., 15c, nicely in flower, ready to sell; 3-in., $4.00 per 100. Cash, only. J. Sylvester, Florist, Oconto, Wis.

Cineraria hybrida grandiflora, Columbian, 3-in., strong, ready for 4 or 5-in., 4c. Cash.
N. P. Colberg, Princeton, Ill.

Cineraria hybrida grandiflora. Strong 2¼-in. stock, $2.00 per 100. Cash.
Freeport Floral Co., Freeport, Ill.

Vaughan's Columbian cinerarias. Large, 3-in., ready for shift, 4c.
Addems, Morgan & Co., Paxton, Ill.

Cinerarias, finest large flowering dwarf hybrids, in mixture, established in 3-in. pots, $4.00 per 100. Cash. Russell Bros., R. 4, Syracuse, N. Y.

Cinerarias, good 4-in. stock, ready for 5-in., grown from best seed obtainable, $5.00 per 100.
H. Niessner, 88 Poplar St., Johnstown, Pa.

Cinerarias, strong, well grown 3-in., 4c.
M. S. Wiecking Co., Bluffton, Ind.

Cinerarias. The largest flowers. See display adv. J. W. Miller, Shiremanstown, Pa.

Cinerarias, choice mixed, in 4-in., showing buds, 7c. Mellen Greenhouse Co., Ravenna, O.

CLEMATIS.

Clematis paniculata, 3-yr., strong; Duchess, Henryi, Jackmani, Ramona, Andre, Ville de Lyon, Red Jack. Write for prices.
Parks & Schaufelberger, Penfield, N. Y.

COLEUS.

Coleus, $4.00 per 1000; 60c per 100 by mail. 100,000 good, strong, clean, well rooted cuttings now in sand. We are the largest growers of coleus cuttings in the world. Over 1,000,000 sold in a season. Verschaffeltii, Golden Bedder, Queen Victoria, Firebrand and all other leading varieties. Come and see them. Cash with order. C. Schulze & Son, 261-75 Lawrence, Flushing, L. I., N. Y.

Coleus. Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Coleus Brilliancy, 2-in., $3.00 per 100; rooted cuttings, $1.50 per 100; assorted standard varieties, 60c per 100; $5.00 per 1000.
N. O. Caswell, Delavan, Ill.

Coleus rooted cuttings, Verschaffeltii and Golden Bedder, clean stock, $6.00 per 1000; 2-in. stock, fine plants, $2.00 per 100, $18.00 per 1000. Cash, please. Rudolf Nagel, Lancaster, Pa.

Coleus, 20 varieties, all good bedders. Top cuttings, well rooted, careful packing, 60c per 100; $5.00 per 1000.
Leonard Lawson, 1110 8 St., Rockford, Ill.

Coleus, standard varieties, including Verschaffeltii, Golden Bedder, 2-in., $2.00 per 100; $18.50 per 1000. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Trailing coleus for boxes and baskets, best thing out. R. C., 75c 100. Liberal amount sent paid for 25c or 50c. J. F. Sked, Westerville, O.

Coleus rooted cuttings, 9 kinds, 60c 100. Will exchange for rooted geranium cuttings.
E. Huston & Co., Sistersville, W. Va.

Coleus, 47 varieties, R. C., 60c per 100, $5.00 per 1000; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Coleus rooted cuttings, 15 varieties, $5.00 per 1000. On large lots, please write me.
U. G. Harglerode, Shippensburg, Pa.

Coleus R. C., 10 standard vars., 60c 100 postpaid. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

Coleus Brilliancy, 2-in., 3c; other fine vars., 2c; R. C., 60c, prepaid, 75c 100.
A. J. Baldwin, Newark, O.

Coleus rooted cuttings, Verschaffeltii, Golden Bedder and 10 other varieties, 60c 100; $5.00 1000. E. B. Randolph, Delavan, Ill.

Coleus R. C., best varieties, 75c per 100.
John Irvine & Sons, Bay City, Mich.

Coleus, 8 varieties, all good ones, strong 2-in., 2c. W. H. Zimmerman, Ashland, O.

Coleus, 6 good vars. R. C., 60c 100; $5.00 1000.
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Coleus, best collection in the U. S.
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CROTONS.

Croton aurea maculata, 3-in. pot plants, $8.00 per 100.
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CUPHEAS.

Cupheas, good, clean rooted cuttings, 75c per 100. Stuppy Floral Co., St. Joseph, Mo.

Cupheas (cigar plant), R. C., 70c per 100.
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Cuphea rooted cuttings, 50c 100.
U. G. Harglerode, Shippensburg, Pa.

Cupheas, 2-in., strong, 1¾c; rooted cuttings, 60c per 100. Cash. H. S. Brandt, York, Pa.

CYCLAMEN.

150,000 giant cyclamen seedlings. We claim the finest commercial strain in this country. Mr. A. Hange, Birmingham, Ala., says, "I planted 100 of your seedlings last year (1910) in comparison with 2500 of from so-called unrivalled, high-priced English strains, but yours outgrew them." Transplanted August seedlings, $3.00 per 100; $25.00 per 1000; 4, 5 and 6-in. plants, now blooming, from 15c to 50c each. Cash with order. See my Godfrey calla adv.
C. Winterich, Cyclamen Specialist, Defiance, O.

Cyclamen persicum grandiflorum, 2½-in., ready for 3½ or 4-in., grown cold and close to the glass; just the thing for Easter and spring sales. If taken at once will take 7c, or $18.00 for 300. Transplanted seedlings, fine bulbs, 3c, or $7.00 for 300. Cash. N. P. Colberg, Princeton, Ill.

Cyclamen giganteum. Transplanted August seedlings, the cream of the English and German strains, including orchid and best salmon flower, 10 separate varieties. Ready to pot, $3.00 per 100; $25.00 per 1000. Cash, please.
Rober & Radke, Maywood, Ill.

HANDSOMELY IN FLOWER.
A few hundred most beautiful cyclamen, 25c, 40c, 50c, 75c, $1.00 and $1.50 each. Try a dozen—see their value.
Gullett & Sons, Lincoln, Ill.

Cyclamen seedlings, excellent giant strain, 2½-in., $5.00 per 100; $30.00 per 1000. Ready now. Write for our 1912 catalogue.
S. S. SKIDELSKY & CO.,
1215 Bets Bldg., Philadelphia, Pa.

Cyclamen splendens giganteum hybrids, twice transplanted from flats, in five colors, $3.50 per 100; $30.00 per 1,000.
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Cyclamen seedlings, giant flowering strain, $3.50 per 100, $30.00 per 1000; 2½-in., $5.00 per 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Cyclamen giganteum, transplanted August seedlings, best strain, separate colors, $2.50 per 100; $20.00 per 1000 prepaid.
Wm. Eschrich Co., North Milwaukee, Wis.

We have a fine lot of cyclamen seedlings, very good imported strain, to offer in 6 separate vars., $1.50 per 100; $12.50 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Cyclamen seedlings, best giant, mixed colors, $1.50 per 100. Cash.
Rudolph Friederichsen, Marengo, Iowa.

Cyclamen, 4-in., well budded or in flower, ready to sell, 12c. Cash, only.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen persicum.
J. Hassiach, St. Remy de Provence, France.

Cyclamen in bud and bloom, 3-in., 5c.
U. G. Harglerode, Shippensburg, Pa.

Cyclamen giganteum. See display adv.
J. W. Miller, Shiremanstown, Pa.

DAHLIAS.

WHOLESALE LIST FOR 1912
NOW READY
Separated stock and clumps. We use no slips or sprouts for propagation; stock all grown from tubers, insuring strong roots.
J. L. MOORE
Northboro Dahlia & Gladiolus Gardens
NORTHBORO, MASSACHUSETTS

Dahlias, strong divisions of best cut flower sorts. Per 100: Aurora, Queenie, V. Maule, $10.00; Delice, $9.00; Kriemhilde, Pink Pearl, Schwan, K. A. Victoria, $8.00; Burbank, J. Scharmet, Mme. Van den Dael, $7.00; C. of Lonsdale, Mrs. Winters, Rose-pink Century, Fringed 20th Century, Grand Duke Alexis, $6.00; Jack Rose, $5.00; C. Bruton, Souv. de Gustave Doazon, $4.00; Gen. Buller, C. Duer, Lyndhurst, Sylvia, A. D. Livoni, Red Hussar, Queen Victoria, $3.00; Nymphaea, $2.00. Cash.
W. K. Fletcher Bulb & Floral Co.,
Route 5, Des Moines, Iowa.

THE BROCKTON DAHLIA FARM is headquarters for good, reliable stock. I have a quantity of standard varieties that I am going to sell at almost your own price. Send for list. I am bound to give you prices that are right.
W. P. Lothrop, East Bridgewater, Mass.

EAST BRIDGEWATER DAHLIA GARDENS have 104 up-to-date kinds of the best cut flower varieties, over 750,000 clumps at right prices. Send your wants to
J. K. ALEXANDER,
The Dahlia King, E. Bridgewater, Mass.

DAHLIAS—Superb florists' varieties, $5.00 per 100; $40.00 per 1000. Divided roots; ½ of above price.
NATIONAL CO-OPERATIVE SHOW GARDENS,
Box 1200, Spencer, Ind.

Dahlias. Best of novelties and standard varieties, true to name. A choice lot of introductions. Send for catalogue of dahlias, hollyhocks, hardy plants, etc. Prices reasonable.
W. W. Wilmore, Box 382, Denver, Colo.

Dahlias, best varieties for florists' use. Strong, field-grown roots, true to name, in assortment, $5.00 per 100; 250 for $10.00. Send for list.
S. W. Pike, St. Charles, Ill.

Dahlias. Blushing Beauty, best cut flower kind, shrimp pink, nearly white; div. roots, $5.00 100. Wm. Ross, best red to date, $20.00 100. J. W. Ross Co., Centralia, Ill.

Dahlias, named sorts. Divided roots, $1.25 per 100; $10.00 per 1,000.
C. W. Hoffman, R. 13, Dayton, O.

Buy your dahlias from a specialist. List ready.
H. W. Koerner, Sta. B., Milwaukee, Wis.

DAISIES.

Marguerites. Queen Alexandra, Nicholson's White, Soleil d' Or, 2½-in., $3.00; 3½-in., $6.00 per 100. Queen Alexandria, 4½-in., $10.00; 6-in., $25.00 per 100. Bushy stock ready for a shift or immediate flowering. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Yellow daisies. Rooted cuttings, $2.00 per 100, $18.00 per 1000; out of 2¼-in. pots, $4.00 per 100, $35.00 per 1000. Satisfaction guaranteed. Cash with order.
Conrad Schultz, Westerly, R. I.

Yellow marguerites, winter flowering. Guaranteed healthy stock out of 2½-in. pots, $5.00 per 100; 4-in. pots, 10c, $10.00 per 100. Sample by mail, 10c.
James Crawshaw, Depot Ave., Barrington, R. I.

Mrs. F. Sander, new marguerite. I have a surplus of very fine, large plants, 10 to 18 in. high, ready to bloom, of this grand new novelty, $1.00 per doz.; $7.00 per 100 while they last.
J. P. Cureton, Greenwood, S. C.

MARGUERITES. Something entirely new, flowers 3 to 4 in. across, stems 12 to 15 in. long and the best winter bloomer. Stock now ready from 2½-in. pots, $5.00 100.
F. Holtke, Broad & 5 St., Carlstadt, N. J.

Daisies (Chrysanthemum maximum), fine for cutting. Strong divisions, right from 5-in. pots, $2.00 per 100; $15.00 per 1000. Cash with order.
W. A. Finger, Hicksville, L. I., N. Y.

Marguerite R. C., winter flowering, 75c per 100; 2½-in., $3.00. Bellis, double large flowering, 50c per 100; $4.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

The new double daisy, Mrs. F. Sander. Good, strong, healthy plants from 2¼-in. pots, $5.00 per 100; $40.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Daisies. White marguerites, 2¼-in., $2.00 per 100; 3-in., $4.00 per 100; rooted cuttings, 70c per 100. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Marguerite Mme. Gailbert, strong, beginning to branch freely, most of them showing buds, 3-in., $4.00; 2-in., $2.50 per 100. Cash, please.
Harry Tredway, 214 Clayton St., Dayton, O.

NEW DOUBLE MARGUERITE, MRS. F. SANDER, a good variety, free and easy grower. Strong plants, 2-in. pots, $5.00 per 100; $40.00 per 1000.
S. J. Reuter & Son, Inc., Westerly, R. I.

Winter flowering yellow marguerites, the right kind; unrooted, $2.00 per 100; rooted, $4.00 per 100. Cash. A. E. Monroe, Wellesley Farms, Mass.

Shasta daisy plants, field-grown, $1.00 per 100; $7.50 per 1000. Cash or C. O. D.
E. J. Sheffield, Alvin, Texas.

Marguerites, large and small flowering, 2-in., $2.00 per 100; 3-in., $4.00.
Rober & Radke, Maywood, Ill.

Daisies. Elegant 2½-in. stock of Alexandra and Sander, healthy and strong, $4.00 per 100.
Chas. Frueh & Sons, Saginaw, Mich.

Daisies. Alexandra and Nicholson's White, assorted, 2½-in., very strong, can be propagated at once, 3c. Cash. N. P. Colberg, Princeton, Ill.

DAISIES—Continued.

Queen Alexandra marguerites, 2½-in., fine plants, in bud and bloom, $2.00 per 100. Cash.
C. A. Musser, Doylestown, O.

Giant marg., yellow, white, 2-in., $1.60 100. Cash.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Queen Alexander and yellow daisies, 4-in., fine, bushy stock, $6.00 per 100. Cash.
P. N. Obertin, Kenosha, Wis.

Daisies, Paris. Rooted cuttings, giant yellow and white, $1.00 per 100; 2-in., 2c.
Byer Bros., Chambersburg, Pa.

Marguerites, winter blooming, white; strong plants, 2-in., $2.00 100.
C. L. Jenkins & Son, R. D. 2, Anacostia, D. C.

Yellow daisies, 2½-in., $2.50 per 100.
Willis W. Kinyon, South Bend, Ind.

DRACAENAS.

Dracaena indivisa, good and strong, 24 in., and over, high, 4-in., ought to be in 5-in., $10.00 per 100. Want of room. Cash.
J. Bauers, 2010 Spring Rd., S. W., Cleveland, O.

Dracaena indivisa, strong 2¼-in., $2.50 per 100; strong 3-in., $5.00 per 100.
F. L. Tornquist, Benton Harbor, Mich.

Dracaena indivisa, 1000 fine 4-in., $8.00 per 100; $75.00 per 1000.
S. M. Harbison, Danville, Ky.

Dracaena indivisa from 3-in. pots, ready for a shift, $5.00 per 100. Cash or satisfactory reference. C. F. Mahan, R. D. 8, Dayton, O.

Dracaena indivisa. Strong 5-in. pot plants, 10c; 3-in., $3.00 per 100. Buy now.
Wm. Eschrich Co., North Milwaukee, Wis.

Dracaena terminalis, fine young 2½-in. stock, $10.00 per 100.
Julius Roehrs Co., Rutherford, N. J.

3000 Dracaena indivisa. Good strong 2¼-in., 2½c., 3-in., 5c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dracaena indivisa, strong, 2½-in., 2½c each.
W. D. Gates, McGraw, N. Y.

Dracaena indivisa, 3-in., $5.00 per 100; $40.00 per 1000. L. Potter & Sons, Waukegan, Ill.

Dracaena indivisa, 3-in., 5c each.
Willis W. Kinyon, South Bend, Ind.

EASTER STOCK.

Easter stock. Ask for our list of hydrangeas, lilies, azaleas, spiraeas, crimson and baby rambler roses, climbing rambles, pink Dorothy, white baby rambler roses and bulb stock.
Geo. A. Kuhl, Pekin, Ill.

FERNS.

FERNS MY SPECIALTY

ASSORTED FERNS FOR FERN DISHES, strong 2¼-in. stock in hardiest and best varieties, $3.00 per 100; $25.00 per 1000.

CIBOTIUM SCHIEDEI. Grandest stock ever offered of this most magnificent fern, 3-in., $3.50 per doz., $25.00 per 100; 4-in., $5.00 per doz., $40.00 per 100; 8-in., $2.25; 9-in., $3.50; 10-in., $4.50; 12-in., $6.50 each.

ADIANTUM CROWEANUM, 4-in., $2.00 per doz.; $15.00 per 100.

ADIANTUM CUNEATUM, 2¼-in., $3.50 per 100, $30.00 per 1000; 4-in., nice full plants, $12.00 per 100.

ADIANTUM FARLEYENSE, 4-in., $5.00 per doz.; $40.00 per 100.

ADIANTUM REGINAE and RHODOPHYLLUM, splendid 4-in. stock, $4.50 per doz., $35.00 per 100.

ASPARAGUS PLUMOSUS NANUS, 2¼-in., $3.00 per 100; $25.00 per 1000.

ALSOPHILA AUSTRALIS, a very pretty tree fern, 7-in., $1.50; 10-in., $4.00 each.

J. F. ANDERSON,
Fern Specialist. Short Hills, N. J.

FERNS FOR IMMEDIATE DELIVERY.
EXTRA GOOD QUALITY STOCK.
BOSTON.

	100		100
4-inch	$10.00	8-inch	$80.00
5-inch	25.00	9-inch	each, 1.25
6-inch	40.00	10-inch	each, 1.50
7-inch	60.00	12-inch	each, 2.00

WHITMANI.

	100		100
6-inch	$45.00	8-inch	$80.00

ASPARAGUS.
3-in., $6.00 per 100.
R. R. DAVIS CO., MORRISON, ILL.

Ferns. Handsome stock. Boston, Whitmani, Elegantissima compacta, Sprinfieldii, Amerpohlii, Scholzeli. Rooted runners, $1.80 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c. Samples sent for 25c. Satisfaction guaranteed. Ferns are grown at Cleveland, Ohio, plant. 60,000 feet of modern glass devoted to ferns and asparagus. Special prices on large quantities for cash only.
Schneider, Florist, Springfield, Ohio.

TABLE FERNS in best mixed varieties, from 2¼-in. pots, $30.00 per 1000; 250 at same rate. I have a large stock to select from. Sure to please.
All out of town orders are cash with order, please.
B. SOLTAU FERNERY,
2199 Grant Ave., Jersey City, N. J.

Nephrolepis exalta Bostoniensis. Booking orders now. Fine, strong runners, $10.00 per 1000. Nephrolepis exaltata, same price as above. Nephrolepis davallioides furcans. Strong runners, $2.50 per 100. J. J. Soar, Little River, Fla.

Boston ferns, 6-in. pots, 45c ea., $40.00 per 100. Whitmani ferns, 4-in., 20c ea., $15.00 per 100; 5-in., 30c ea., $25.00 per 100; 6-in., 45c ea., $40.00 per 100; 7-in., 60c ea., $55.00 per 100; 8-in., 75c ea., $70.00 per 100. Ficus elastica, 35c, 50c and 75c ea. Cash, please.
Queen City Floral Co., Manchester, N. H.

Ferns. Good, strong pot-grown Amerpohlii, Elegantissima, Piersoni, Boston and Superbissima, 3-in., $7.00 per 100; 4-in., $12.00 per 100, $110.00 per 1000; 5-in., $18.00 per 100. This is all excellent stock and worth more money but I must have room.
Andrew Peterson, Hoopeston, Ill.

FERN BARGAINS.

Boston runners, strong	$15.00	1000
Boston 2¼-in.	30.00	1000
Amerpohlii, 4-in.	10.00	100

Cash with order.
The above stock is strictly clean and strong.
J. T. Cherry, Athens, Ill.

FERNS FOR JARDINIERES for immediate use. Bushy, well grown plants, 6 to 8 best varieties, from 2¼-in. pots, $3.00 per 100; $25.00 per 1000.
COCOS WEDDELIANA, 2¼-in. pots, right for centers, $10.00 per 100.
Thos. P. Christensen, Short Hills, N. J.

Small ferns for dishes. Pteris Mayii, serrulata cristata variegata, Wimsetti, cretica albolineata, $3.00 per 100; $25.00 per 1000.
Aspidium tsussimense and Cyrtomium falcatum, $3.50 per 100; $30.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Ferns, elegant stock, ready for repotting. Bostons, 5-in., 45c ea., 6-in., 55c ea., 7-in., 75c ea. Baskets, $2.00 to $4.00. Sprengeri, 4-in., 25c ea. We need the room. Cash with order, please.
Hoskins Floral Co., Bismarck, N. D.

Ferns, Boston, Whitmani, the new Roosevelt, Scottii, Amerpohlii, Piersoni, plumosus and Sprengeri, 2½ to 8-in. Write us quantity and size you want; will quote special cash price. We need both room and cash.
Geo. A. Kuhl, Pekin, Ill.

ROOSEVELT FERN IS A WINNER.

2½-in.	$2.00	per doz.; $15.00 per 100
3-in.	2.50	per doz.; 17.50 per 100

F. O. B. West Grove,
Conard & Jones Co., West Grove, Pa.

Ferns for dishes, transplanted, ready for potting, five varieties, $1.00 per 100; $9.00 per 1000. Strong plants, 2-inch, $3.00 per 100; $25.00 per 1000. Cash, please.
Rober & Radke, Maywood, Ill.

Boston ferns from bench, stronger than 2½-in. pot grown, $3.50 100; $30.00 1000. Fine stock and packed well.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. 500 at 1000 rate. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

Boston ferns, 5-in., $25.00 per 100; 6-in., $40.00 per 100. These were potted in September and are good, strong, well grown plants.
Crown Point Floral Co., Crown Point, Ind.

GOOD FERNS.
Bostons, 5-in., 25c; 6-in., very good, 50c; 7-in., 75c; 8-in., $1.00. Whitmani, 4-in., 20c; 5-in., 35c; 6-in., 60c. Gullett & Sons, Lincoln, Ill.

Ferns. Amerpohlii, Elegantissima, Boston, Piersoni and Whitmani, 2½-in., 4c; 3-in., 8c; 4-in., 12c.
Truitt's Greenhouses, Chanute, Kan.

Boston ferns, fine stock for 6-in., 25c. Orders booked now for Boston and Whitmani, young stock, $20.00 per 1000. Cash.
A. E. Monroe, Wellesley Farms, Mass.

Boston ferns, ready for shift, 4-in., $12.00 per 100; 3-in., $7.00 per 100.
Thos. Salveson, Petersburg, Ill.

Boston ferns, 5-in. pots, good, strong and healthy, to make room, 16c. Cash with order.
C. C. Walker, Danville, Ill.

Boston ferns, strong runners, $10.00 per 1000. Write for special prices on 5,000 to 20,000 lots.
F. M. Soar, Little River, Fla.

Boston ferns, grown for our own use but have too many; 5-in., 35c; 6-in., 50c; $6.00 per doz.
D. R. Herron, OLEAN, N. Y.

Table ferns, in good varieties, out of 2¼-in. pots, $3.00 per 100. Cash, please.
J. H. Fiesser, Guttenberg, N. J.

Whitmani, Bostoniensis and Piersoni ferns, 4-in., 15c ea.; 5-in., 25c ea.; 6-in., 50c ea.
Koerbel Bros., Jeanette, Pa.

Bench ferns. Elegantissima, Amerpohlii, Scholzeli, 3, 4 and 5-in., 6c, 10c, 12c. Cash.
Byer Bros., Chambersburg, Pa.

Ferns for dishes, good assortment, 2-in. pots, $3.00 per 100.
John Irvine & Sons, Bay City, Mich.

Boston fern rooted runners, extra fine, 2 to 5 fronds, $2.00 100. A. J. Baldwin, Newark, O.

500 2-in. Bostons, good stuff, ready for shift, $3.00 100. Jas. C. Murray, Peoria, Ill.

Boston ferns, 4-in., $12.50 100.
J. W. Ross Co., Centralia, Ill.

Boston ferns, 2½-in. stock, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Boston fern runners, 2 to 4 leaves, $2.00 per 100. P. Pearson, 5784 Gunnison St., Chicago.

Boston ferns, 4-in., 15c; 5-in., 25c. Baur Floral Co., Erie, Pa.

Whitmani ferns out of 4-in., fine plants, $10.00 per 100. J. C. Schmidt, Bristol, Pa.

FEVERFEW.

Feverfew, double white. Rooted cuttings, 2c; from 2-in. pots, $2.50 per 100.
R. A. Washington, North Stoughton, Mass.

Feverfew rooted cuttings, nice stock, $1.00 per 100; $8.00 per 1000.
Batavia Greenhouse Co., Batavia, Ill.

Feverfew, large double white, $1.00 100, prepaid. Chas. Frost, Kenilworth, N. J.

Feverfew Gem R. C., $1.00 per 100; 2-in., 2c. Cash. Byer Bros., Chambersburg, Pa.

FUCHSIAS.

Fuchsia Little Beauty, the true stock, best fuchsia extant, 2¼-in., $4.00 per 100, $35.00 per 1000; 250 at 1000 rate. Rooted cuttings, $1.50 per 100. Baur Floral Co., Erie, Pa.

Fuchsias, 5 best varieties. Little Beauty, true; Renan, White Beauty, Lord Byron, Tenuer, 2¼-in., $4.00 per 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Fuchsias in assorted colors, good market varieties. Rooted cuttings, $1.25 per 100.
N. O. Caswell, Delavan, Ill.

Fuchsias, 5 good kinds. R. C., 80c; extra strong 2's, 2c. Cash.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Finest double fuchsias, dwarf habit. Strong, well-rooted cuttings, $1.00 100; $8.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Fuchsia rooted cuttings. Black Prince and other good sorts, $1.00 per 100; $8.00 per 1000.
G. E. Fink, Kenilworth, N. J.

Fuchsias, best market sorts, 2-in. pots, $2.00 per 100; rooted cuttings, 90c per 100.
John Irvine & Sons, Bay City, Mich.

Mixed fuchsia rooted cuttings, 75c 100.
U. G. Harglerode, Shippensburg, Pa.

Fuchsias, assorted vars., R. C., $1.00 100. Cash. McRae-Jenkinson Co., Cheswick, Pa.

GENISTAS.

Genistas, 3-in., must be shifted to 4 or 5-in., very bushy, full of cuttings, extra fine, 10c or $8.00 for 90. Cash. N. P. Colberg, Princeton, Ill.

Genistas. R. C., $1.50 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

GERANIUMS.

By Feb. 15 will have surplus of 10,000 strong rooted cuttings of Nutt, D. Grant, Meehan, Harcourt, Lecadre, Viaud, Dagata, D. Dryden, our selection in assortment, $13.00 per 1000.
By March 1, Ricard, Presilly, Landry, Hill, Col. Thomas, La Favorite, Recamier, Trego, J. Oberle, Mrs. Lawrence, L. Baudrier and all of above at same price, in assortment. For separate varieties write for price. Cash, please.
J. P. Siebold, Lancaster, Pa.

ROOTED GERANIUM CUTTINGS.
The "BIG FOUR" bedders. Strong selected top cuttings, well rooted; S. A. Nutt (greatest dark red), Gen. Grant (most satisfactory dbl. scarlet), Mme. Buchner (only dbl. white) $1.50 per 100; $14.00 per 1000. Beaute Poitevine (semi-dbl. salmon), $1.75 per 100; $16.00 per 1000. Prompt delivery and packed secure from frost.
W. T. Buckley Co., Springfield, Ill.

GERANIUM ROOTED CUTTINGS.
ALL SOLD UNTIL MARCH.
We still have a few S. A. Nutt, Montmort, De France and Dble. White, 2¼-in., $2.50 per 100.
Rose geraniums, 2¼-in., $2.00 per 100.
Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses, Dayton, O.

Geraniums, 2½-in. Nutt, La Favorite, $2.50 per 100; $22.50 1000. Poitevine, Jean Viaud, Harrison, Redfield, Perkins, Rose, $3.00 100; $25.00 1000. Mme. Salleroi, 2-in., $2.00 100, $18.00 1000; 500 at 1000 rate. Cash, please.
Rober & Radke, Maywood, Ill.

Geraniums. Oliver, Dbl. Grant, Buchner, La Favorite, E. G. Hill. 2½-in., $2.25 100, $20.00 1000; 2-in., $18.00 1000. Castellane, 2½-in., $2.50 100; $22.50 1000. Pelargoniums, mixed, 3-in., 6c; 2-in., 4c. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

Geraniums, 2½-in., fine plants. S. A. Nutt, C. Harcourt, Ricard and Paumpack, the best cerise pink geranium in sight, throws more blooms than Nutt and is just as good a bedder, $2.50 per 100; $22.50 per 1000.
Myers & Co., Bluffton, Ind.

2000 S. A. Nutt and 1000 La Favorite geraniums, strong 2½-in., ready for shift, $23.00 per 1000. Mme. Salleroi, 2-in., extra fine, ready for shift, $20.00 per 1000. Cash.
P. N. Obertin, Kenosha, Wis.

Geraniums. Heteranthe, La Favorite and a good selection of mixed varieties. Strong 2½-in., $2.00 per 100; $17.50 per 1000.
Momence Greenhouse, Momence, Ill.

Geraniums. Ricard, S. A. Nutt, Buchner, Mme. Salleroi. Strong plants from 2½-in. pots, $20.00 per 1000; $2.50 per 100. Cash.
Quaker Hill Nurseries, Monroe, N. Y.

Geraniums, 2½-in., $3.00. R. C., 8 commercial varieties, $15.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Geraniums. 2000 Bruant (or Heteranthe), 300 each Hill, La Favorite, Queen of West and Rose, 2¼-in., $2.00 per 100.
S. M. Harbison, Danville, Ky.

Geraniums, S. A. Nutt and five other varieties. My selection, 2½-in. pots, $3.00 per 100; $25.00 per 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Geraniums, 2-in., S. A. Nutt and Grant, 2c; Mme. Salleroi R. C., $1.00 100.
U. G. Harglerode, Shippensburg, Pa.

Mme. Salleroi, good, strong, rooted cuttings, $1.00 per 100; $8.50 per 1000. Cash.
Henry Swaby, St. Charles, Ill.

2¼-in. Ricard, Poitevine, $24.00 1000; $2.50 100; Hill, $22.00 1000; Nutt, $18 1000, $2.00 100. Cash.
Jas. Ambacher, West End, N. J.

Ready about Feb. 26. Rooted cuttings, S. A. Nutt, $11.50 per 1,000; Ricard and Poitevine, $14.00 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums. S. A. Nutt and standard varieties, 2½-in., $2.50 per 100; $20.00 per 1000. Cash.
H. G. Norton, Perry, O.

Geraniums, mixed, from rooted cuttings to 4-in. stock, any size, $1.00 to $4.00.
Mercer Floral Co., Bowling Green, O.

Geraniums, standard market sorts, established plants, $3.00 per 100; $25.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Geraniums. Mme. Buchner, Frances Perkins and Clyde, 2¼-in., $2.50 per 100; $20.00 per 1000.
So. Bend Floral Co., So. Bend, Ind.

Mme. Salleroi, strong 2-in., ready for 3-in., $2.00 per 100; $18.00 per 1000. Cash, please.
Restland Floral Co., Mendota, Ill.

Geraniums, strong 2-in. 1000 S. A. Nutt, $25.00 1000; 1000 Mme. Salleroi, $20.00 1000.
Jas. C. Murray, Peoria, Ill.

Geraniums. Good S. A. Nutt, 3-in., $3.00 per 100; $25.00 per 1000.
H. Niessner, 88 Poplar St., Johnstown, Pa.

BUSINESS BRINGERS—
REVIEW Classified Advs.

Mme. Salleroi, ready for shift, 2-in., $2.00 per 100. Thos. Salveson, Petersburg, Ill.

Mme. Salleroi geraniums, strong 2¼-in., $2.00 per 100. F. L. Tornquist, Benton Harbor, Mich.

Geranium bargains. I need room. Write to Geo. A. Relyea, Orchard Pl., Poughkeepsie, N. Y.

Geranium rooted cuttings all booked until 15th of February. Fred W. Ritchy, Lancaster, Pa.

S. A. Nutt geraniums, 2½-in., $2.50 100.
Erie Floral Co., Erie, Pa.

Mme. Salleroi, to close out, fine 2-in., 2c.
McAdams Seed Co., Columbus Grove, O.

GLADIOLI.

Special prices to close out stock. Groff's hybrids, originator's stock, ½-in up, $6.00 per 1000; 1 to 1½-in., $4.00 per 1000; ¾ to 1-in., $3.00. Independence, $10.00 per 1000. Silver Trophy Sec. 3 (blues), $3.00 per 100; $25.00 per 1000. Silver Trophy Sec. 2, $2.00 per 100; $15.00 per 1000. Also small planting stock of Groff and Crawford mixture. First premium at Iowa State Fair, 1911.
Geo. S. Woodruff, Independence, Iowa.

Gladioli, mixed, new strain, this making ninth year since its introduction and pronounced by the originator of Queen Esther and the leading florists of Cleveland and Pittsburgh to be superior to any of the advertised mixed varieties now offered. 1½-in., up, $8.00 per 1000; 1 to 1½-in., $6.00 per 1000; corms, 50c per 1000. Other sizes according. Write what you want. J. M. Bogner, Calla, O.

Gladioli, American, Augusta, Pink Augusta, Mrs. Francis King, Brenchleyensis, Mme. Monneret, Klondyke, Taconic, Rosella, Scarsdale, La Pactole, 1900, White and Light, Groff's mixture, etc. Large, strong, healthy bulbs, also bulblets. Write us for prices.
Franklin Nursery, Sta. F, Minneapolis, Minn.

We offer in lots of 1000 or more, Cream mixture, Wm. Mason, Augusta No. 3; Grace Henry, cardinal color; Whites and Lights; Rexford, rose and white; Wisconsin, Taconic, New America; pink and white. Write for prices.
Mallory & Brown, Madison, Wis.

Gladioli. Europa, the finest white in existence, $2.50 each. Pres. Taft, Jean Dieulafay, Alice Carey, No. 812, Independence and Silver Trophy Sec. 2 mixtures; also bulblets of America, King, Klondyke, etc.
G. B. Babcock, R. D. 80, Jamestown, N. Y.

Gladioli. Augusta, May, Ceres, Brenchleyensis, De Cheville, Easter, George Paul, Pres. Taft, Mme. Monneret, Baron Jules Hulot, mixtures, etc. Send for list.
Steven's Gladioli Co., Saginaw, W. S., Mich.

Gladioli. America, first size, $35.00 per 1000; second size, $20.00 per 1000. White Lady, the only pure white in commerce, first size only, $12.00 per 100. Cash.
Haentze Co., Fond du Lac, Wis.

GLADIOLUS BARGAINS: 1000 Nezzinscott, $45.00; Mme. Monneret, $12.00; Independence, $17.50; Childsii, $15.00. Cash. Speak quick if you want these. All fine large bulbs, 1½ and up. Central Seed & Bulb Co., Benton Harbor, Mich.

GLADIOLUS—Augusta, Independence, Mme. Monneret, Mrs. Francis King, Taconic, etc., at special prices in first size; also bulblets.
NATIONAL CO-OPERATIVE SHOW GARDENS, Box 1200, Spencer, Ind.

Gladiolus. Small surplus of fine bulblets. America, $1.00 per 1000; 5000, $4.00. Mrs. F. King, 75c per 1000; 5000, $3.00. Express prepaid.
S. W. Pike, St. Charles, Ill.

Gladiolus America in all sizes. Prices right. Also other varieties.
Currier Bulb Co., Seabright, Calif.

Gladioli, 1¼-in. and up. Augusta and May, $12.50 per 1000; America, $25.00 per 1000. Cash.
W. Frank & Sons, Portland, Ind.

GRASSES.

Arundo Donax variegata, strong divisions, $15.00 per 100. Cash with order.
Wachendorff Bros., Atlanta, Ga.

GREVILLEAS.

Grevilleas, 4 and 5-in., 20c.
Anderson Floral Co., Anderson, S. C.

GUAVAS.

Strawberry guavas, strong seedlings, 6 to 8-in., $1.00 per 100, $8.00 per 1000; strong transplanted, 9 to 10-in., $1.50 per 100; $12.50 per 1000. L. J. Stengel, 215-91 N. Johnston, Los Angeles, Calif.

HARDY PLANTS.

German iris, 10 varieties, $2.00 per 100, $18.00 per 1000; mixed, $1.50 per 100. Japan iris, $10.00 per 100. Funkia coerulea, $3.50 per 100. Hemerocallis fulva and flore pleno, $3.00 per 100. Oriental poppies, $5.00 per 100.
H. H. Kern, Banner Springs, Kan.

HELIOTROPES.

Heliotropes, 2-in. Mme. Bruant, the finest dwarf; and Centifleur, $3.00 per 100. La Duse and white, $2.50 per 100. Rooted cuttings ready Feb. 20: Mme. Bruant and Centifleur, $1.50 per 100. La Duse and white, $1.25 per 100.
N. O. Caswell, Delavan, Ill.

Heliotrope rooted cuttings, 70c per 100; $6.00 per 1000; by mail, 10c per 100 extra; 2¼-in., $2.00 per 100, $18.00 per 1000. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Heliotropes, dark; good stock. Strong and well-rooted cuttings, 75c 100; $6.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Heliotropes, strong plants, 2-in., ready for shift, $2.00 100; $18.00 1000.
C. L. Jenkins & Son, R. D. 2, Anacostia, D. C.

Heliotropes. Czar, Czarina, Jersey Beauty, etc., $2.50 per 100.
Storrs & Harrison Co., Painesville, O.

Heliotropes, blue. R. C., 60c; 2-in., $1.35 100. Cash.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Heliotropes, 2-in., $2.00 per 100.
M. S. Wiecking Co., Bluffton, Ind.

Heliotrope, dark, rooted cuttings, 60c 100; 2-in., 2c. U. G. Harglerode, Shippensburg, Pa.

Heliotrope, rooted cuttings, 70c per 100; 2¼-in. pots, 2c. C. H. Jacobs, Westfield, Mass.

HYDRANGEAS.

HYDRANGEA ARBORESCENS GRANDIFLORA, selected for forcing; 2-yr., 1½ to 2 ft., $3.00 per doz., $20.00 per 100; 15 to 20 in., nursery grown, $1.50 per doz., $10.00 per 100; 8 to 12 in., $6.00 per 100, $50.00 per 1000. Price list free. E. Y. Teas & Son, Centerville, Ind.

Hydrangea Otaksa, dormant, 4-in., $15.00 per 100; 5-in., $25.00 per 100.
D. U. Augspurger & Sons Co., Peoria, Ill.

Hydrangea Otaksa, 5-in., 15c; 6-in., 25c; field-grown, with one crown, 6c.
Baur Floral Co., Erie, Pa.

Hydrangea Otaksa, field-grown, 1 shoot, 6c; 2 shoots, 10c; 3 shoots, 15c.
Erie Floral Co., Erie, Pa.

Hydrangea Otaksa for Easter and Decoration day. See our display adv.
Jackson & Perkins Co., Newark, New York.

IMPATIENS.

Impatiens Sultani, red. Strong R. C., $1.00 per 100. Cash. J. P. Siebold, Lancaster, Pa.

Impatiens Sultani. R. C., $1.00 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

IRISES.

German iris, blue. Strong divided roots, $12.00 1000; $1.50 100. Cash with order. Las Palmas Greenhouses, Box 453, Palo Alto, Calif.

IVIES.

GERMAN IVIES.
2-in. pots, strong plants.
We have 10,000. We must have the space, the plants need a shift, and we have a use for the spondulix (cash), so we are offering a big bargain in these for $1.50 a hundred. Cash.
C. L. Humphrey, Zanesville, O.

English ivy rooted cuttings, 6 to 10 in., $1.50 per 100; $10.00 per 1000. Clematis paniculata, 2-yr., 7c; 3-yr., 8c. Ampelopsis Veitchii, 1-yr., 4c; 2-yr., 8c; 3-yr., 12c. All field plants and long live tops. GET MY LIST.
Benj. Connell, Florist, Merchantville, N. J.

German ivy. R. C., 50c per 100, mailing 10c; 2¼-in., 2½c.
English ivy, 2½-in., 4c; R. C., $1.00 100, $9.00 1000.
Kenilworth ivy R. C., 50c 100; 2-in., 2c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

GERMAN IVY.
Rooted cuttings, $5.00 per 1000.
Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses, Dayton, O.

English ivy, 3-in., fine stock, large leaved, $5.00 per 100; rooted cuttings from flats, strong, $1.25 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

4000 English ivy rooted cuttings, $1.00 per 100; $10.00 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

English ivy, strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.
Storrs & Harrison Co., Painesville, O.

Ivy, German, 60c; English, 75c; prepaid English, 2½-in., $3.00.
Chas. Frost, Kenilworth, N. J.

Ivies. German, R. C., 60c 100. Kenilworth, R. C., 60c 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

English ivy, strong 4-in. stock, excellent for spring sales, $8.00 per 100.
Wm. Eschrich Co., North Milwaukee, Wis.

German ivy R. C., 60c per 100.
Warren Huckleberry, North Vernon, Ind.

German ivy R. C., 60c per 100.
John Irvine & Sons, Bay City, Mich.

English ivy R. C., $1.00 per 100.
John Irvine & Sons, Bay City, Mich.

German ivy rooted cuttings, 50c 100.
U. G. Harglerode, Shippensburg, Pa.

English ivy, strong, 2½-in. pots, $3.50 per 100; $30.00 per 1000. Thos. Salveson, Petersburg, Ill.

LANTANAS.

3000 lantana rooted cuttings, 3 varieties, $1.50 per 100; $12.50 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Lantanas, 3 vars., strong, thrifty, 2-in., $2.00 per 100. Wingert & Ulery, Springfield, O.

Lantanas, 2-in., $2.00.
Mercer Floral Co., Bowling Green, O.

LILIES.

Lilium giganteum, just right for Easter, 4-in., $2.00 per doz. M. S. Wiecking Co., Bluffton, Ind.

LILY OF THE VALLEY.

Lilies of the valley. Bruns' Celebrated Chicago Market brand, finest in existence, $2.00 per 100; $16.00 per 1000. Bruns' Early Forcing Valley, florists' moneymaker, $1.50 per 100; $14.00 per 1000.
H. N. Bruns, 3038 W. Madison St., Chicago.

LOBELIAS.

Lobelia Kathleen Mallard, the new double. I have 50,000 extra large and well rooted cuttings, transplanted into soil, and if you want good, clean, healthy stocks for spring trade, order now. Well packed to stand any weather; satisfaction guaranteed. 65c per 100, by mail; $4.50 per 1000, by express.
S. A. Pinkstone, York & Hickory, Utica, N. Y.

Lobelia Kathleen Mallard, the new double. We have an immense stock of well rooted cuttings, transplanted in soil last October and kept growing on, 50c per 100 by mail; $4.00 per 1000 by express. 500 at 1000 rate.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Lobelia R. C. Kathleen Mallard (best florists' double), 50c per 100; Crystal Palace (best single), 50c per 100, mailing 10c; 2¼-in., 2½c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

MOONVINES.

Moonvine rooted cuttings, $1.50 per 100, postpaid. Cash with order.
Wachendorff Bros., Atlanta, Ga.

10,000 white moonvine rooted cuttings, extra fine and clean, $1.50 per 100; $15.00 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

NURSERY STOCK.

NURSERY STOCK.

	Size	100	500	Car lots
Elm	6-8	$0.08 ea.	$0.07½ ea.	$0.07 ea.
Elm	8-10	.15 ea.	.14 ea.	.13 ea.
Elm	1½-in. cal.	.23 ea.	.22 ea.	.20 ea.
Elm	2-in. cal.	.30 ea.	.28 ea.	.25 ea.
Maple	6-8	.07 ea.	.06½ ea.	.06 ea.
Maple	8-10	.11 ea.	.10 ea.	.09 ea.
Maple	1½-in. cal.	.18 ea.	.17 ea.	.16 ea.
Maple	2-in. cal.	.25 ea.	.24 ea.	.23 ea.
Box Elder	6-8	.08 ea.	.07½ ea.	.07 ea.
Box Elder	8-10	.12 ea.	.10 ea.	.09 ea.

White Birch. 2½-in. cal. .50 ea.
White Birch. 3-in. cal. .65 ea.
Honey Locust. 2-in. cal. .90 ea.
Honey Locust. 2½-in. cal. 1.00 ea.
Colorado Blue Spruce 3-4 ft., 2.00 ea.
This stock is A No. 1 every way and is standing in the nursery now. It is on leased ground and must be moved this spring. Packing at cost on less than carload lots; no packing charges on carloads. Can ship any time after April 5.
The Newburys, Mitchell, S. D.

2750 Spiraea Van Houttei, 2½ to 3½ ft., $7.00 per 100. 800 Berberis vulgaris, 2½ to 3½ ft., $8.00 per 100. Send for additional lists and prices.
Henry Lake Sons Co., Nurserymen,
Black River Falls, Wisconsin.

My catalogue for 1911 of native trees, shrubs, bulbs and plants is now ready to mail.
L. E. Williams, Exeter, N. H.

NURSERY STOCK—Continued.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS.
ELLWANGER & BARRY, ROCHESTER, N. Y.

ONION SETS.

Onion sets. To close out, 400 bu. white, $1.25; 300 bu. red, $1.00 per bu. of 32 lbs. Sets are A No. 1, sieved through 1-in. mesh.
J. C. Zaplewski & Co., Growers,
Norwood Park, Ill.

PALMS, ETC.

Pendanus utilus, 3-in., $10.00 per 100; 4-in., $20.00 per 100.
Cocos Weddeliana, 2½-in., $10.00 per 100.
Kentia Belmoreana, 6-in. pots, 5 to 6 leaves, 24-in. high, $1.00 each; 7-in. pots, 6 leaves, 24 to 26 in. high, $1.50 each.
Kentia Forsteriana, 7-in. pots, 40 to 44 in. high,, 5 to 6 leaves, $2.50 each; 8-in. pots, 44 to 48 in. high, 5 to 6 leaves, $3.50 each.
Storrs & Harrison Co., Painesville, O.

The FLORISTS' MANUAL, by Wm. Scott, covers the whole field of commercial floriculture. Articles are arranged alphabetically so that reference is quick and easy. Price, $5.00 carriage charges prepaid. Send in your order now.
Florists' Pub. Co., Caxton Bldg., Chicago.

Kentia Belmoreana from 2¼-in. pots, 3 leaves, $6.00 per 100; $55.00 per 1000. Cash or satisfactory references with order.
B. Soltau Fernery,
199 Grant Ave., Jersey City, N. J.

Pandanus Veitchii, 3-in. pots, $10.00 per 100; 4-in., $20.00 per 100; bench-grown, 10 in. high, $10.00 per 100; 15 in. high, $15.00 per 100.
J. J. Soar, Little River, Florida.

KENTIA BELMOREANA, 2½-in. pots, 10 to 15 in. tall, 4 or more characterized leaves, $9.00 per 100, and worth the money.
Jackson & Perkins Co., Newark, New York.

Phoenix canariensis, heavy, from 2½-in. pots, $5.00 per 100; $40.00 per 1000. L. J. Stengel, 215-91 N. Johnston, Los Angeles, Calif.

Pandanus Veitchii, bench-grown plants, 10 in. high, $10.00 per 100; suckers, $4.00 per 100.
F. M. Soar, Little River, Florida.

Phoenix Roebelenii, 6-in. pots, 1 to 2 ft. high, $1.00 each; 7-in., $2.00 each.
B. M. Wichers & Co., Gretna, La.

Kentias. Big stock. Write for prices.
Holton & Hunkel Co., Milwaukee, Wis.

PANSIES.

We originated Mastodon pansies and they have proven a marvelous success because they outclass all others. New color plate catalogue, ready in February, free to all. Fine, stocky plants, 50c per 100; $3.00 per 1000; $12.50 per 5000. Seed, 1/12 oz., $1.00; $9.00 oz.
Steele's Mastodon Pansy Gardens, Portland, Ore.

Pansies, fancy prize varieties, superb mixture as usual; large transplanted plants, $2.50 per 1000; 50c per 100.
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Pansy plants, small plants, giant flowering, $2.50 per 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Pansy plants grown from the finest giant mixtures, $3.00 per 1000. Cash with order.
Hayman Greenhouse Co., Clarksburg, W. Va.

PELARGONIUMS.

Pelargoniums from imported stock, 25 distinct markings, assorted, 2½-in., can be shifted to 3½ or 4-in. and propagated at once, none better, 7c. Cash. N. P. Colberg, Princeton, Ill.

Pelargoniums from our list of 75 best varieties, 2½-in., $5.00; 4-in., $10.00; 5-in., $15.00 per 100. Cash, only. J. Sylvester, Florist, Oconto, Wis.

Pelargoniums, pink, 2½-in., $3.00 per 100.
Elvira Clark Visel, Chelsea, Mich.

Mixed pelargoniums, 2½-in., ready for 4-in., 4c. U. G. Harglerode, Shippensburg, Pa.

PEONIES.

Peony edulis superba, earliest, brightest, best for Decoration day, $5.00 per 100. Special prices on larger lots. Large assortment; send for list.
F. A. Baller, Bloomington, Ill.

Peonies in any quantity. Write for prices on list of your wants.
Gilbert H. Wild, Sarcoxie, Mo.

PETUNIAS.

Dreer's double petunias, selected large flowering doubles, finely fringed, mixed colors. Rooted cuttings, $1.00 100, $9.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Dreer's double petunias, named varieties. Rooted cuttings, $1.00 per 100; $9.00 per 1000.
W. S. Nichol, Barrington, R. I.

Double petunias, R. C., 10 kinds, $1.00 per 100; 2-in., 2c. Cash.
Byer Bros., Chambersburg, Pa.

Double fringed petunias, 15 varieties, Dreer's and other collections, 2-in., 2c.
U. G. Harglerode, Shippensburg, Pa.

Dreer's double petunias, from 3-in., will make a lot of cuttings, $4.50 100.
H. W. Leaman, Pike St., Fairmount, W. Va.

Petunias, fine 2½-in., $20.00 per 1000. Cash.
P. N. Obertin, Kenosha, Wis.

2000 D. petunias, $2.00 per 100.
Mercer Floral Co., Bowling Green, O.

POINSETTIAS.

POINSETTIA STOCK PLANTS.
ONE-YEAR-OLD, TRUE STOCK.
EXTRA SELECT, $8.00 PER 100.
SECOND SIZE, $6.00 PER 100.
A. HENDERSON & CO.,
30 E. Randolph St., Chicago.

Poinsettias, true stock, that produced bracts 24 in. in diameter, $6.00 per 100.
Thos. Salveson, Petersburg, Ill.

Poinsettias, dormant stock plants, pot grown, $3.00 and $5.00 100. Cash, please.
Rober & Radke, Maywood, Ill.

Poinsettia stock plants, $3.50 and $5.00 per 100. Cash.
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1500 Poinsettia stock plants at $5.00 per 100. Cash with order or reliable references.
Hoffmeister Floral Co., Lickrun, Cincinnati, O.

Poinsettias, good, strong, true stock plants, $5.00 per 100.
Henry A. Bester & Sons, Hagerstown, Md.

PRIMULAS.

Primulas. Chinese, all colors, in bud or bloom, 3-in., $5.00 per 100. Kewensis and Forbesi, 3-in., $5.00 per 100. Obconica grandiflora and gigantea, 2½-in., $3.50; 3½-in., $5.00 per 100. All in bud or bloom. Cash, only.
J. Sylvester, Florist, Oconto, Wis.

Primulas, Chinese, fringed, mixed, and obc. grandif., mixed, 2-in., bargain, 1c ea. Extra nice 3-in. obc. gigantea rosea and Chinese rubra, 2½c. Cash.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Some nice 4-in. Chinese International and Star and 4-in. Primula obconica, just in bloom, ready for immediate sale, $1.00 per doz.; $8.00 per 100.
N. O. Caswell, Delavan, Ill.

Chinese primroses, finest fringed mixture, 2¼-in., 2½c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Primulas, Chinese and obconica, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Primula sinensis, good crop.
J. Hasslach, St. Remy de Provence, France.

Primula obconica grandiflora, 3-in., 5c; 4-in., 10c. M. S. Wiecking Co., Bluffton, Ind.

Primulas obconica, alba and rosea, $1.50 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Primroses. See my display adv. before you buy.
J. W. Miller, Shiremanstown, Pa.

Obconica grandiflora, 3 and 4-in., 5c.
U. G. Harglerode, Shippensburg, Pa.

Primula obconica, assorted, named, 2c. Cash.
Byer Bros., Chambersburg, Pa.

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CALIFORNIA PRIVET.

1-yr., 2 to 3 ft., 3 to 6 branches	$12.00	1000
2-yr., 18 to 24 in., 5 to 8 branches	12.50	1000
2-yr., 2 to 3 ft., 5 to 8 branches	15.00	1000
2-yr., 3 to 4 ft., 5 to 8 branches	20.00	1000

AMOOR RIVER PRIVET.

2 to 3 ft., well branched	$25.00	1000
3 to 4 ft., well branched	30.00	1000

Southside Nurseries, Chester, Va.

200,000 Cal. privet, 4 to 6 branches, $12.00 per 1000. All sizes. Large stock of Ampelopsis Veitchii, Clematis paniculata, 1, 2 and 3-yr.-old, and most all other good things for florists. Get my list before you buy.
Benj. Connell, Florist, Merchantville, N. J.

California privet, extra heavy, 3 to 4 ft., $25.00 per 1000; heavy, 2 to 3 ft., $18.00 per 1000; well branched, 16 to 24 in., $12.00 per 1000. In perfect condition. Good roots and good packing.
Furrow & Co., Guthrie, Okla.

CALIFORNIA—Any quantity, size, age. Not any better grown. Write for prices on it. Fruit and ornamental trees, shrubbery, etc.
Franklin Davis Nursery Co., Baltimore, Md.

Privet nepalense, transplanted, strong, 10 to 12-in., $2.00 per 100; $17.50 per 1000. L. J. Stengel, 215-91 N. Johnston, Los Angeles, Calif.

Genuine hardy Amoor River, North and hardy Ibota Privet, $1.50 per 100 and up.
Onarga Nursery Co., Onarga, Ill.

California privet. A splendid lot of fine well graded 2-yr. stock. For particulars see our display adv. Chas. Black, Highstown, N. J.

PYRETHRUMS.

Pyrethrum, double dwarf; R. C., 90c per 100.
John Irvine & Sons, Bay City, Mich.

RESURRECTION PLANTS.

Resurrection plants, cheap.
Wm. Tell, Austin, Texas.

RHODODENDRONS.

Rhododendron, special forcing varieties, 8 to 12 buds, 18 in. high, 75c each; 12 to 14 buds, 24 in. high, $1.00 each. Bright colored sorts with perfect foliage.
Storrs & Harrison Co., Painesville, O.

ROOTED CUTTINGS.

R. C., bargain prices. Alternantheras, best red and yellow, 45c. Coleus, best bedders, 50c. Rex begonias, 5 kinds, 95c. All per 100. Cash. See our advs. for other bargains.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Geraniums. Rose, $1.50; Martha Washington, assorted, best kinds, $2.50; ivy, assorted kinds, $2.00; variegated leaved S. A. Nutt, $5.00. Marguerites, Queen Alexandra, Yellow Castle, best yellow, and California, white, $1.25. Forget-me-nots, Winter Queen, best everblooming, $1.25. Fuchsias, best kinds, labled true to name, $1.25. Above prices per 100, express prepaid. If interested in dahlias get our list.
S. W. Pike, St. Charles, Ill.

Heliotropes, genistas, abutilons, fuchsias, 6 kinds, $1.00 per 100. Cupheas, 75c per 100. Ageratum, 4 kinds, 60c per 100. Cash with order.
Byer Bros., Chambersburg, Pa.

ROOTED CUTTINGS. Send for complete list.
John Irvine & Sons, Bay City, Mich.

ROSES.

POEHLMANN BROTHERS COMPANY,
WESTERN HEADQUARTERS FOR ROSE PLANTS.

GRAFTED—	100	1000
Double White Killarney (Poehlmann strain)	$30.00	$250.00
Pink Killarney, 2½-in.	12.00	100.00
White Killarney, 2½-in.	12.00	100.00
Richmond, 2½-in.	12.00	100.00
Maryland, 2½-in.	12.00	100.00
Radiance, 2½-in.	14.00	120.00
Mrs. Aaron Ward, 2½-in.	14.00	120.00
Melody, 2½-in.	14.00	120.00
Antoine Rivoire, Mrs. Taft or Prince de Bulgarie, 2½-in.	14.00	120.00
Sunburst, 2½-in.	35.00	.....
OWN ROOT—		
Pink Killarney, 2½-in.	6.00	55.00
White Killarney, 2½-in.	6.00	55.00
Maryland, 2½-in.	6.00	55.00
Richmond, 2½-in.	5.00	40.00
Antoine Rivoire, Mrs. Taft or Prince de Bulgarie, 2½-in.	8.00	70.00
Radiance, 2½-in.	8.00	.....
Melody, 2½-in.	8.00	70.00
Aaron Ward, 2½-in.	8.00	70.00
Lady Hillingdon, 2½-in.	10.00	.....
Dble. Pink Killarney, 2½-in.	8.00	70.00

Orders are now booked for April, May, June and July delivery. All goods sold for cash or 30 days on approved credit.
POEHLMANN BROS. CO.,
Morton Grove, Illinois.

Roses, strong 2-yr.-old field-grown plants. Dorothy Perkins and Tausendschon, $10.00 and $12.50 per 100. Cli. Meteor, Cli. Soupert, Pres. Cleveland, Red Kaiserin, Duchess de Brabant, Mme. Jos. Schwartz, Etoile de France, Abel Chatenay, Wellesley, Yoone Vachet, Col. Williams, Florence Pemberton, Countess of Gosford, Wm. Sheen, Dean Hole, Rose Gubert, Muriel Graham, Safrano and Francisca Kruger, $10.00 per 100. Also pot-grown plants; for size and varieties write to
Rosemont Gardens, Box 498, Montgomery, Ala.

ROOTED ROSE CUTTINGS.
READY NOW.
SATISFACTION GUARANTEED.

	100	1000
Richmond	$2.00	$15.00
Pink Killarney	3.00	25.00
White Killarney	2.50	20.00
BENCH PLANTS.		
Richmond, 1-yr.-old	6.00	50.00

GEO. REINBERG,
162 N. Wabash Ave., Chicago.

Roses, strong, field-grown. 10 Mermet, 45 Van Houtte, 10 Papa Gontier, 25 Princess Sagan, 25 Safrano, 30 Souv. de Catherine Guillot, 15 White La France, 10 Coronet, 15 striped La France, 25 Carnot, 15 Tausendschon, 35 General Jack, 30 Gloire de Margottin, 25 Giant of Battles, 15 Mme. Chas. Wood, $10.00 per 100; $30.00 for the lot. Cash with order.
Wachendorff Bros., Atlanta, Ga.

ROSES—Send for complete list.

American Pillar, 3-yr.	$35.00 100
American Pillar, 2-yr.	25.00 100
Dorothy Perkins	12.00 100
Lady Gay, 4 to 5 ft.	16.00 100

Conard & Jones Co., West Grove, Pa.

KILLARNEY.
OWN ROOT PLANTS,
2½-in., $8.00 per 100, $70.00 per 1000; 3-in., $10.00 per 100, $90.00 per 1000.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

ROSES, OWN ROOT.

Lady Hillingdon, 2½-in.	$20.00 100;	$150.00 1000
Melody, 2½-in.	12.00 100;	100.00 1000
Canadian Queen, 2½-in.	5.00 100;	40.00 1000

MICHIGAN CUT FLOWER EXCHANGE,
38-40 Broadway, Detroit, Mich.

ROSE LADY HILLINGDON.
Immediate delivery on own root stock, $20.00 per 100, $150.00 per 1000; grafted stock, $25.00 per 100, $200.00 per 1000.
Chas. H. Totty, Madison, N. J.

Roses. 300 Crimson Rambler, 50 Pink Rambler, 200 Gruss an Teplitz, 2 and 3-yr.-old, healthy, field-grown stock, $12.50 per 100. Cash with order.
Rose Valley Nursery, 1052 Corbett, Portland, Ore.

American Beauty, 2¼-in., $7.00 per 100; $60.00 per 1000. White Killarney, 2¼-in., $6.00 per 100; $55.00 per 1000. Kaiserin, 2¼-in., $5.00 per 100; $40.00 per 1000.
Holton & Hunkel Co., Milwaukee, Wis.

Roses, own root. My Maryland, Pink Killarney, White Killarney, Richmond, Perle, Bride and Bridesmaid, 2¼-in. pots, $5.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

ROSES FOR POT SALE—EASTER.
Two-year bench Beauties, rested ready to start for Easter, select stock, $12.00 per 100.
Gullett & Sons, Lincoln, Ill.

STRONGLY ROOTED, SELECT.
Killarney, White Killarney, Richmond, fine 2 and 3-eye stock, extra well rooted, $3.00 per 100. Golden Gate, $1.50. Gullett & Sons, Lincoln, Ill.

Roses, 2½-in. stock, ready to go out about Feb. 1. American Beauty, Bride, Maid, Uncle John, Ivory, Richmond, Kaiserin, etc. Write
Geo. A. Kuhl, Pekin, Ill.

Roses. Dorothy Perkins and Yellow Rambler, fine field-grown, $8.00 100. Blue rose, fine field-grown, $12.50 100. J. W. Ross Co., Centralia, Ill.

Double. Pink Killarney, 2½-in., $6.00 per 100.
Star Floral Co., Wilmette, Ill.

200 2½-in. Ivory, $3.00 100; 300 3-in., $5.00 100.
Jas. C. Murray, Peoria, Ill.

Spring price list ready; 225 varieties ready. Leedle Co., Expert Rose Growers, Springfield, O.

Roses for forcing. See our display adv.
Jackson & Perkins Co., Newark, New York.

ROSEMARY.

Rosemary R. C., $1.50 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

RUBBERS.

Rubbers, fine 5-in. stock, 35c each.
Holton & Hunkel Co., Milwaukee, Wis.

SALVIAS.

Salvias. Zurich, Fireball, splendens, 2-in., $2.00 per 100; $18.00 per 1000. Booking orders for rooted cuttings. New salvia, Pride of Maywood, of medium height, very bright, bearing large spikes, the finest we know of; 2-in. pots, $1.00 per doz.; $5.00 per 100.
Rober & Radke, Maywood, Ill.

Salvia rooted cuttings, Drooping Spike and Clara Bedman, 85c per 100 prepaid.
P. Pearson, 5734 Gunnison St., Chicago.

Salvia, Bonfire, splendens. R. C., 60c; 2-in., $1.50 100. Cash.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Salvias, splendens, Bonfire, R. C. or transpl., 90c per 100, mail 10c per 100; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Salvia Bonfire R. C., 80c 100, $7.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Salvia Zurich rooted cuttings, 60c 100.
U. G. Harglerode, Shippensburg, Pa.

Salvia Bonfire. R. C., $6.00 1000. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

1000 salvias. Splendens and Bonfire, 2-in., $2.00.
Mercer Floral Co., Bowling Green, O.

SANTOLINAS.

Santolina R. C., 90c per 100.
John Irvine & Sons, Bay City, Mich.

SEEDS.

ASTER SEED. I offer fresh seeds only, which I grow, exercising care in selecting, disbudding, etc.; climatic conditions best on earth. Peerless Pink, Violet King, Crego Pure White and Shell Pink, each 25c per trade packet; $1.00 per oz. Superb Late Branching, azure blue, pale lavender, deep crimson, deep rose, rose-pink, shell pink, pure white, deep purple, each, 25c per trade packet; $1.00 per oz. Purity, fine for design work, 50c per trade packet. Early Wonder, pure white and pink, each, 25c per trade packet; $1.00 per oz. Queen of the Market, shell pink, pure white, bright rose, crimson, lavender, purple, 20c per trade packet; 60c per oz. All aster seed ⅛ oz. at oz. rate. Prepaid. Cash, please.
M. J. Callahan, Ventura, Calif.

OUR OWN GROWN.
ASPARAGUS PLUMOSUS NANUS SEED.
Guaranteed true to name.
Ready for delivery now.
NEW CROP.

Lots of	5,000	$2.25 per 1000
Lots of	10,000	2.00 per 1000
Lots of	20,000	1.75 per 1000
Lots of	50,000	1.50 per 1000

Single thousands, $2.50.
LOS ANGELES FLOWER MARKET,
414½ South Broadway,
Los Angeles, California.

ASPARAGUS PLUMOSUS NANUS SEED.
New crop—Greenhouse-grown.

Per	1,000 seeds	$ 4.50
Per	5,000 seeds	20.00
Per	10,000 seeds	37.50

ASPARAGUS SPRENGERI.

Per	1,000 seeds	$ 1.25
Per	10,000 seeds	10.00

S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

ASPARAGUS PLUMOSUS SEED.
Greenhouse grown, $4.00 per 1000; $18.75 per 5000. Asparagus Sprengeri, greenhouse grown, $1.00 per 1000; $4.50 per 5000.
Asparagus plumosus, outside grown (ready in March), $2.00 per 1000. Write for our 1912 catalogue.
S. S. SKIDELSKY & CO.,
1215 Betz Bldg., Philadelphia, Pa.

FRESH SWEET PEA SEED. Spencer's Appleblossom, Florence M., Frank Dalby, Gladys Unwin; 10c per oz., 30c per ¼ lb., $1.00 per lb. Grandiflora varieties, Blanche Ferry, Dorothy Eckford, Emily Henderson, Flora Norton, Janet Scott, Katherine Tracy, 5c per oz., 10c per ¼ lb., 30c per lb. Prepaid. Cash, please.
M. J. Callahan, Ventura, Calif.

Asparagus plumosus nanus seed, greenhouse grown, $4.00 per 1000; 5000 seeds at $3.50 per 1000; outside grown, $2.25 per 1000. 5000 for $10.00; 10,000 for $17.50. Asparagus Sprengeri, greenhouse grown, $1.00 per 1000 seeds.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Seed packets and bags. Catalogue, clasp and commercial envelopes, printed or plain. "If it's a Spangler bag it's a good one." Estimates furnished.
E. J. Spangler Co., N. Howard St., Phila., Pa.

Clematis paniculata, Ampelopsis Veitchii, Berberis Thunbergii and 20 other varieties of fresh seed. List of seeds and plants free.
Benjamin Connell, Florist, Merchantville, N. J.

Choice Carlson's aster seed, 4 colors separate, 25c tr. pkt.; $1.00 oz. Salvia splendens seed, home grown, good, $1.00 oz.
F. L. Tornquist, Benton Harbor, Mich.

Asparagus plumosus seed, Ohio grown, just picked, 50c 100; $3.50 1000.
A. J. Baldwin, Newark, O.

FRESH LETTUCE SEED. May King. California Cream Butter, ¼ lb., 20c; lb., 75c. Prepaid. Cash. M. J. Callahan, Ventura, Calif.

Aster seed, best quality, grown by specialists. See display adv. for right prices.
Herbert & Fleishauer, McMinnville, Ore.

Ardisia crenulata seed, 40c per 100. The best berried plant for Christmas.
C. P. Dietrich & Bro., Maysville, Ky.

Asparagus plumosus seed, $2.50 1000; A. Sprengeri, 75c 1000. All from my own plants.
C. H. Gardiner, South Pasadena, Calif.

JUST PICKING 50,000 fresh Pennsylvania Asparagus plumosus nanus seed, $3.00 1000. Cash or C. O. D. Benj. J. Passmore, Malvern, Pa.

Just picking 150,000 fresh greenhouse grown Asparagus Sprengeri seed, 75c per 1000 postpaid. Crout & Wilson, 1 to 30 E. 61 St., Portland, Ore.

Salvia splendens seed (new), $1.25 per oz.
W. B. Woodruff, Florist, Westfield, N. J.

SHAMROCKS.

Irish shamrocks. See display adv.
J. W. Miller, Shiremanstown, Pa.

SMILAX.

Smilax, good, strong plants, 1-yr., $1.50 per 100; $12.50 per 1000. L. J. Stengel, 215-91 N. Johnston, Los Angeles, Calif.

Smilax, strong 2½-in., $2.00 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

Smilax. Good, strong, bushy 2-in. plants, $2.00 per 100. Addems, Morgan & Co., Paxton, Ill.

SNAPDRAGONS.

Snapdragon, florists' giant white, pink, yellow, orange, red, bronze. Strong R. C., $1.00 per 100, $9.00 per 1000; mail 10c per 100; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Snapdragon, soft rose-pink, continuous bloomer, tall and a fine seller in the Boston market. Rooted cuttings, $2.00 per 100, $18.00 per 1000.
R. D. Kimball, Waban, Mass.

Snapdragons, large flowering, 3-in. stock, $4.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Snapdragons, giant flowering, white, pink, red and yellow. Fine 2½-in. plants, $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

Snapdragon Rose-Pink, rooted cuttings, $2.00 per 100; $18.00 per 1000.
Adolph E. E. Koch, Nobscot, Mass.

Snapdragons, newest giant white and shell pink, $2.50 per 100. Strong plants, extra fine.
John F. Rupp, Shiremanstown, Pa.

SOFT WOODED PLANTS.

SOFT WOODED PLANTS
In 2½-in. pots.
Alternantheras, ageratums, heliotropes, lemon verbenas, feverfew, geraniums, red, white and pink; daisies, white, yellow and Queen Alexandra; sweet alyssum, double giant; fuchsias, 4 varieties; cupheas, vincas and moonvines.
IN SAND.
Geraniums, coleus, flowering begonias, etc.
Geo. A. Kuhl, Pekin, Ill.

SPIRAEAS.

Forcing spiraea clumps, extra quality. Floribunda, $5.00 per 100; $45.00 per 1000. Gladstone, $10.00 per 100; $90.00 per 1000. Superba, $6.00 per 100. Queen Alexandra, $12.00 per 100. Blondine, $6.00 per 100. Japonica, $4.00 per 100. No better proposition for Easter or Memorial day.
The Storrs & Harrison Co., Painesville, O.

STOCKS.

Stocks, Beauty of Nice and Mammoth White, 2½-in. pots, ready to plant at once, $2.00 100.
Bergenfield Nurseries,
Thomas W. Head, Prop., Bergenfield, N. J.

Stocks, 2½-in., in pink, lavender, crimson and white winter flowering Nice, $2.00 per 100, 300 for $5.00. J. C. Schmidt, Bristol, Pa.

Stocks, fine plants, 6 to 10 in. high, 2-in. pots, pink and white, $1.75 per 100; 350 for $5.00. Cash.
Geo. A. Relyea, Orchard Pl., Poughkeepsie, N. Y.

STEVIAS.

Stevia rooted cuttings, $1.50 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

STRAWBERRY PLANTS.

Genuine Everbearing strawberries. My little catalogue, plain and true, tells all about them and other new fruits of sterling value.
E. H. Riehl, Sta. 4, Alton, Ill.

Fall bearing strawberry plants, best varieties. Descriptive catalogue free.
Basil Perry, Cool Springs, Del.

SWAINSONAS.

Swainsona alba R. C., $1.00 per 100; 2½-in., 3c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Swainsona alba, white; R. C., $1.00 per 100.
John Irvine & Sons, Bay City, Mich.

SWEET PEAS.

Winter flowering sweet peas. Now is the time to plant them. Order quick. WHITE—Denzer, Mont Blanc. PINK—Christmas Pink, Earliest of All, Mrs. Dolansky, Mrs. Wm. Sim, Mrs. Wild. LAVENDER—Wallace. Well established in 2½-in. pots.
W. H. Sawyel Floral Co., Kansas City, Mo.

TRADESCANTIAS.

TRADESCANTIAS. 10,000 Wandering Jew R. C., tricolor and green, 60c per 100, $5.00 per 1000; 2½-in., 2c. Cash. Mailing 10c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Tradescantia tricolor (Jew plant), R. C., prepaid, 60c 100; 2-in., 2c.
A. J. Baldwin, Newark, O.

Rooted cuttings of tricolor and green Wandering Jew, 60c per 100; $5.00 per 1000. Cash, please. Restland Floral Co., Mendota, Ill.

TUBEROSES.

Tuberoses. Armstrong's Everblooming, $12.50 per 1000; small bulbs, $5.00 1000.
J. W. Ross Co., Centralia, Ill.

Mexican tuberose bulbs, blooming size, $1.00 per 100; $7.50 per 1000. Cash or C. O. D.
E. J. Sheffield, Alvin, Texas.

UMBRELLA PLANTS.

Cyperus alternifolius (umbrella plant), 500 2½-in., 3c; 500 3½-in., 5c; 400 4½-in., 7c.
Meredith Flower & Vegetable Co.,
Libertyville, Ill.

Cyperus (umbrella plants), 2-in. pots, $2.00 per 100. John Irvine & Sons, Bay City, Mich.

VEGETABLE PLANTS.

Write to James Ray Geraty, Yonges Island, S. C., to explain how to get a selection of cabbage plants, strawberry plants, asparagus roots and 16 varieties of seed free and make $1.40 for yourself. A very attractive and profitable proposition to every one owning a garden, merchants or farmers.

Write to James Ray Geraty, Yonges Island, S. C., to explain how to get 3000 frost-proof cabbage plants for $1.00. A very attractive and profitable proposition to merchants, farmers and every one owning a garden.

Grand Rapids lettuce plants, transplanted, $2.00 per 1000; out of seed bed, $1.00 per 1000. Cash, please.
Restland Floral Co., Mendota, Ill.

50,000 good Grand Rapids lettuce plants, strong, healthy, from seed bed, $1.00 1000.
J. A. Keeney, Monongahela City, Pa.

RHUBARB. Extra large clumps for forcing, 20c each.
Sluis Seed Store, 544 W. 63rd St., Chicago.

Potted tomato plants, Lorillard and Comet, 3-in., 2c. Cash, please.
Riverview Greenhouses, Lewisburg, Pa.

Grand Rapids lettuce, transplanted, $1.00 1000. Cash.
Port Allegany Greenhouse Co., Port Allegany, Pa.

50,000 good, strong Grand Rapids lettuce plants from seed bed, $1.00 1000. Cash.
Frank M. Smith Greenhouses, Dansville, N. Y.

VERBENAS.

Verbenas. Our selection of rooted cuttings, 75c per 100, $6.00 per 1000; plants, 2¼-in., $2.50 per 100; $20.00 per 1000. Purchaser's selection, rooted cuttings, 90c per 100, $8.00 per 1000; plants, $3.00 per 100; $25.00 per 1000. NEW VARIETIES, cuttings, $1.00 per 100; plants, $4.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

Lemon verbena rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

VINCAS.

Vincas, green and variegated. Strong plants, 2½-in., $40.00 1000; 3-in., $50.00 1000. The above were field-grown plants, potted up last fall. You will be pleased with this stock.
Wm. Scott Co., Corfu, N. Y.

Vinca variegata. Strong rooted cuttings, 90c per 100; $8.00 per 1000; 3½-in., strong plants, ready for shift, $6.00 per 100. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Vincas, green. Strong potted plants, 2-in., $2.00 per 100; $18.00 per 1000. Cash, please.
H. G. Norton, Perry, Lake Co., Ohio.

Vinca variegata. 4-in. pots, strong plants, extra long vines, $10.00 per 100; $80.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Vinca var., fine, stocky, well established plants, 4-in., 6c; 3-in., 5c; 2-in., 2c. Strictly cash.
Wingert & Ulery, Maiden Lane, Springfield, O.

VINCAS—Continued.

Vinca green. Strong R. C., 90c per 100, $8.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Strong Vinca variegata clumps in 3½ and 4-in. pots, $5.00 and $6.00 per 100. Cash.
Russell Bros., R. 4, Syracuse, N. Y.

Vinca variegata, good sized 4-in., can yet be divided, 8c; 3-in., good ones, ready for 4-in., 5c. Cash. Cherry Park Gardens, Fredonia, N. Y.

Vinca variegata, 4-in., strong, long vines, $8.00 per 100; rooted cuttings, strong, from flats, $1.00 per 100. Wm. Schwan & Son, Fredonia, N. Y.

Vinca variegata R. C., 90c per 100.
John Irvine & Sons, Bay City, Mich.

Vinca variegata R. C., 90c 100; $8.00 1000. Cash. Byer Bros., Chambersburg, Pa.

VIOLETS.

Marie Louise violet blooms, A No. 1 quality; will have a good crop for Valentine's day. Specials, $1.25 per 100, $10.00 per 1000; ordinary, $1.00 per 100; $7.50 per 1000. Cash with order, please.
C. Lawritzen, Box 261, Rhinebeck, N. Y.

Violets, hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000.
Storrs & Harrison Co., Painesville, O.

MISCELLANEOUS.

Asparagus Sprengeri seedlings, transplanted in soil, strong, $1.50 per 100. Pansy, sweet william and coreopsis seedlings, fall sown in coldframes, strong plants, 75c per 100; $5.00 per 1000. For Vinca variegata and cinerarias, see my advs. under respective headings. Strong field clumps of dahlias, varieties, C. W. Bruton, yellow, and Lyndhurst, scarlet, 6c each. Will exchange any of the above for bedding plants.
Russell Bros., R. 4, Syracuse, N. Y.

Mme. Salleroi, 2¼-in., 2¼c. Asparagus Sprengeri, 2¼-in., 2c. Cinerarias, choice mixed, 3-in., ready for 4-in., 4c. Marguerite daisies, white, 2¼-in., 2c; 2½-in., extra strong, 3c. Coleus, choice mixed, 2¼-in., 2c. Coleus Crescent, fine variety, 2¼-in., 2c; rooted cuttings, 60c per 100. Petunias, best double, pink, red and variegated, 2¼-in., 3½c. Feverfew, dbl. white, 2¼-in., 2c. Guaranteed fine plants. Cash.
Hammerschmidt & Clark, Medina, O.

Single tuberose bulbs, $2.00 per bushel, just as dug from field. Japanese iris, white, $3.00 per 100. Dorothy Perkins rose, large plants, 5 ft. canes, $8.00 per 100. Wakefield cabbage plants, $2.00 per 1000. 5000 California privet, 3-yr.-old, 6 ft., fine. No reasonable offer refused. Also have Allegany hollyhocks, separate colors, June sown, fine plants, $1.50 per 100.
A. H. Dailey, Knoxville, Tenn.

I can furnish you with double alyssum, German ivy, Ageratum Stella Gurney, fancy coleus, salvias, vincas, heliotropes, fuchsias, Asparagus Sprengeri. Write for prices.
C. H. Jacobs, Westfield, Mass.

POT PLANTS. Send for complete list.
John Irvine & Sons, Bay City, Mich.

TO EXCHANGE.

To Exchange—Rooted carnation cuttings—

Alma Ward	$4.00 100;	$30.00 1000
Enchantress	3.50 100;	25.00 1000
White Enchantress	3.50 100;	25.00 1000
R. P. Enchantress	3.50 100;	25.00 1000
Beacon	3.50 100;	25.00 1000
Winsor	2.50 100;	20.00 1000

Or will exchange for pink geraniums from 2-in. pots or chrysanthemum cuttings.
Warwick Greenhouses, Warwick Neck, R. I.

To Exchange—R. C. of Enchantress, May Day, Scarlet Glow and White Perfection, also rose plants, both field and pot grown, summer propagated, including such varieties as Lady Hillingdon, Ward and the Killarneys (write for list), for 3½, 4, 5 and 6-in. Boston, Whitmani, Scottii, Elegantissima or any other plume ferns.
Rosemont Gardens, Montgomery, Ala.

To Exchange—Asp. plumosus, 2-in.; 5 and 6-in. Bostons, 6 and 4-in. Dracæna indivisa, 4-in. Chinese primroses, 5-in. obconicas, 5-in. dwarf strain cinerarias, and callas from flats, for good, strong 2-in. Nutt, Francis Perkins, Castellane, Jean Viaud, Mme. Jaudia and Ricard geraniums.
Ullrich's Greenhouses, Tiffin, O.

To Exchange—Mrs. F. Sander daisy, 3-in., 6c; Dracaena indivisa, 2-in., 2½c; Robt. Green pelargoniums, 2¼-in., 5c, for rooted cuttings of Victory, White Wonder, W. Enchantress or Beacon; Asparagus plumosus, 2-in., or 2-in. geraniums.
Johnson Floral Co., Kendallville, Ind.

To Exchange—Rooted carnation cuttings, Enchantress and White Enchantress, for Boston ferns, 3 or 4-in., Asparagus Sprengeri, 3 or 4-in., Asparagus plumosus, 3 or 4-in., or geranium cuttings. Riverside Floral Co., Columbus, O.

To Exchange—Poinsettia stock, Dracaena ind., cannas, 5 vars., and 2½-in. Asp. plumosus, for gladiolus bulbs and carnation rooted cuttings; or what have you?
Wm. Eschrich Co., North Milwaukee, Wis.

To Exchange—Fuchsias, 2-in., best market varieties, $2.00 per 100, for Geranium Mme. Salleroi, Begonia Vernon and cannas.
John Irvine & Sons, Bay City, Mich.

An offer of your surplus stock, carried in THE REVIEW'S classified department for a week or two will be seen by nearly every buyer in the trade.

WANTED.

Wanted—Rooted carnation cuttings. We can use for our catalogue trade large lots of carnations in the standard varieties. We shall be pleased to receive quotations from any grower having a surplus to dispose of at a price he does not wish the general trade to know.
J. W. Vestal & Son, Little Rock, Ark.

Wanted—A few thousand gladiolus bulblets, Princeps and Alice Carey; also 1000 America bulbs, first size. State quantity and price.
C. G. Benton, Ashley, Ill.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 50c per 1000 postage paid.
MICHIGAN CUT FLOWER EXCHANGE,
38-40 Broadway, Detroit, Mich.

Pillsbury's carnation staples, 50c per 1000. Postpaid. I. L. Pillsbury, Galesburg, Ill.

CUT FLOWER BOXES.

Folding cut flower and corrugated design boxes. See our display adv. Write for price list.
The Sefton Mfg. Co., 1333 W. 35th St., Chicago.

Buyers of corrugated shipping boxes, send for catalogue just issued. See display adv.
Hinde & Dauch Paper Co., Sandusky, O.

Folding cut flower boxes, the best made. Write for list. Holton & Hunkel Co., Milwaukee, Wis.

DECORATIVE MATERIAL.

Write for our special price on a special lot of dagger ferns.
Try our laurel festooning for your decorations, only 5c per yd.; 10 yds. free with first order.
Crowl Fern Co., Millington, Mass.

FLOWER COLORINGS.

CYACEINE FLOWER COLORING, yellow, orange, pink, blue, green, American Beauty, 20c per qt. by mail.
C. R. Cranston, 146 Orchard St., Auburn, R. I.

GOLD FISH.

GOLD FISH.
We are now shipping
Extra fancy crop.
FANCY LONG TAILS
FANTAILS
TELESCOPES
If you have not our price list
A post card will bring it.
GLEN MARY FISH FARM,
Chas. Pommert, Prop., Amelia, O.

Gold fish, aquarium plants, snails, castles, globes, aquariums, fish food, nets, etc., wholesale. Send for price lists. Large breeding pairs for sale. Franklin Barrett, Breeder, 4815 D St., Philadelphia, Pa.

MATS.

MATS.
For hotbeds and coldframes. The most practical and cheapest on the market. Send for circular and price list. Watts Bros., Kerrmoor, Pa.

POTS.

Standard Flower Pots. If your greenhouses are within 50 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts. N. E., Washington, D. C.

We make Standard Flower Pots, etc.
Write us when in need.
Wilmer Cope & Bro.
Lincoln University, Chester Co., Pa.

"NUF SED." Best red pots are made by
Geo. E. Feustel, Fairport, Iowa.

PRINTING.

Your business demands good printing. Get my prices on stationery, booklets, etc.
A. J. Howe, 6716 Kinsman St., Cleveland, O.

Florists' printing. Samples free. Prices and work the best. O. K. Fink, Pottstown, Pa.

RAFFIA.

Raffia. Red Star and 3 other grades. Bale lots or less. Colored raffia, 20 colors. Write for prices.
McHutchison & Co., 17 Murray St., New York.

Raffia (colored), 20 beautiful shades. Samples free. R. H. Comey Co., Camden, N. J.
Or 2440-2454 Washburne Ave., Chicago.

SPHAGNUM MOSS.

SPHAGNUM MOSS. Single 10 bbl. bales, $4.00; in lots of 5 bales, $3.75 each.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Sphagnum moss, clean stock; 12 bbl. bale, $3.50. Green moss, in bbls., $1.00 per bbl.
James Day, Milford, New Hampshire.

TOBACCO.

Fresh tobacco stems, in bales, 200 lbs., $1.50; 500 lbs., $3.50; 1000 lbs., $6.50; ton, $12.00.
Scharff Bros., Van Wert, Ohio.

Tobacco dust for dusting, 100 lb. sack, $1.75; 200 lbs., $3.00. G. H. Hunkel, Milwaukee, Wis.

Fresh tobacco stems, 65c per 100; $12.00 per ton. F. O. B. N. D. Mills, Middletown, N. Y.

WIRE WORK.

Florists' wire designs and hanging baskets.
Wyandotte Wire Works Co.,
700-702 Ferry St., Kansas City, Kan.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
166 North Wabash Ave., Chicago.

FALLS CITY WIRE WORKS,
451 S. Third St., Louisville, Ky.

William E. Hielscher's Wire Works,
38 and 40 Broadway, Detroit, Mich.

Wm. H. Woerner, 520 N. 16th St., Omaha, Neb.

PITTSBURGH, PA.

The Market.

The continued cold weather is affecting business, especially the counter trade, as it is entirely too cold for flowers to be worn on the street. Roses are the only flowers that are scarce, but it is impossible to take care of the orders for them any day. Everything else is plentiful and bulb stock is coming in larger quantities and better quality every day. This is the season for variety. One can buy almost anything he can think of, except chrysanthemums. Several nice social affairs last week helped some, but aside from that, trade was quiet.

Various Notes.

Edw. McCallum made a week-end run to Cleveland to visit their store in that city.

P. J. Demas is quite enthusiastic about his new venture, the Nicolodeon, which he says is coming up to his expectations.

E. C. Reineman, who has been confined to his home for the last month with rheumatic trouble, is convalescing.

T. P. Langhans has been putting in his spare time laying out his vegetable garden, on paper, for next spring. He talks about it with so much enthusiasm you can almost smell the onions growing.

Fred Burki is one of the automobile enthusiasts. He knows an automobile almost as well as a rose, and that is saying something.

E. C. Ludwig is distributing lead pencils as an advertisement. It's a bad day when he is not hunting out something.

The A. W. Smith Co. had three men on the sick list last week, among them Earl Tipton. Mrs. Tipton was recently operated on at the hospital. All are on the mend.

Miss E. B. Maxwell, of Wilkinsburg, has the sympathy of her friends in the loss of her sister, who died suddenly last Sunday night.

Miss A. L. Wells, of A. L. Wells & Co., Steubenville, O., who has been identified with the cut flower business for years, severed her connection with that firm February 1. The business will be continued by Miss Jane McDowell, who was the other member of the old firm.

The South Side Trust Co., receiver for South View Floral Co., will sell the greenhouses, land, horses, wagons, etc., at a public sale February 21.

The Pittsburgh Cut Flower Co. has just completed a model orchid house, 35 x 200 feet. This company has been having great success with orchids this year, but has even greater expectations for next year, when it can grow them under more suitable conditions.

Hoo-Hoo.

Athens, Ga.—The Athens Floral Co. completed an additional greenhouse last fall, but has not been able to meet the demand this winter and will put up another house in the spring.



MT. GILEAD POTTERY CO., Mt. Gilead, Ohio

Successors to SMITH-THOMAS POTTERY

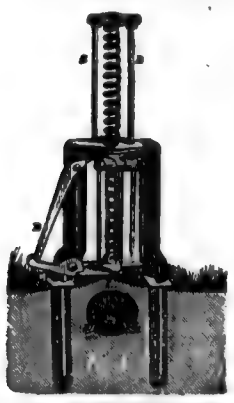
Manufacturers of CHERRY RED STANDARD POTS of all sizes

Our clay is mined from the old Morrow County Beaver Swamp, which enables us to furnish florists with pots noted for strength, porosity, beauty in color, lightness in weight and smoothness in surface, making them especially adapted to the successful growth of plants.

Our factory is equipped with new and up-to-date machinery. Our capacity is greater and our warehouse full of stock. We are ready to give all orders prompt attention. Give us your order and we will satisfy you.

OUR PRICES WILL INTEREST YOU. PRICE LIST ON APPLICATION

OLMSTED'S



IMPROVED RELIABLE MOLE TRAP

This trap is constructed entirely of steel and iron. Each trap is packed in a strong paper box.

Carried in stock by Jobbers, Nurserymen, Florists and Seedsmen throughout the U. S.

"Ground Moles: Their Habits, and How to Catch Them," a book, free.

L. H. OLMSTED'S SON, Hasbrouck Heights, N. J.

Mention The Review when you write.

Syracuse Red Pots

"A little pot is soon hot"; so is a thin pot. Our pots are much thinner and tougher than others. It's the quality of the clay. Write for our latest price list if you did not get one.

Syracuse Pottery Co.

SYRACUSE, NEW YORK

Mention The Review when you write

The Clark Bros. Pottery Co.

CROOKSVILLE, OHIO.

Manufacturers of high grade

RED FLOWER POTS

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GEO. KELLER & SON

Manufacturers of

RED POTS

Before buying write for prices.

2614-2622 Herndon Street Near Wrightwood Ave., CHICAGO, ILL.

Mention The Review when you write.

Kramer's Pot Hanger

For Sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, $1.00 per doz. by express. Sample doz. by mail, $1.25.

I. N. KRAMER & SON, Cedar Rapids, Iowa

Mention The Review when you write

RED STANDARD POTS Prices per 1000, F. O. B. Harrison

2-in., $2.80; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.60; 3½-in., $5.65; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80.

Cash must accompany order.

HARRISON POTTERY, Harrison, Ohio

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You

admire orderly greenhouses, where all the plants are potted in clean, well-made pots of even size.

You can get THE BEST FLOWER POTS from

THE WHILLDIN POTTERY CO.

PHILADELPHIA, PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.

ALL ORDERS SHIPPED WITHIN TWENTY-FOUR HOURS AFTER RECEIPT

For "Pot Luck" Try Us

HEWS STANDARD POTS

POT MAKERS FOR 140 YEARS
World's Largest Manufacturers

Write for Catalogue and Discounts

A. H. HEWS & CO., Inc.

Established 1765
CAMBRIDGE, MASS.
Pearson St., Long Island City, N. Y.

IONIA POTS ARE STRONG

Always burned to the same degree of hardness. Our kilns are equipped with heat-measuring pyrometers and other up-to-the-minute improvements. Every detail of manufacture, from the clay bank to the strong crates in which Ionia pots are carried to you, marks an advancement over old-time methods. Let us have your order now. We will ship when you are ready.

REMEMBER, that we solved the breakage problem years ago. IONIA POTTERY CO., IONIA, MICH.



PLAIN

WHY OUR **FLORISTS' RED POTS** ARE THE BEST

All the clay goes through the same process that is used for making Dinner Ware. They are the Porous, Red Burned kind, in both plain and embossed. We can ship in any quantity any time. Five railroads, river and interurban. Write for new catalogue showing things we make for Florists' use.

THE PETERS & REED POTTERY CO., S. Zanesville, Ohio



EMBOSSED

PENNSYLVANIA is the state to get the nice Red Standard Pots, Pans, Azalea Pots, etc., and **NORRISTOWN** is the town where they manufacture them and burn them a nice red color. **Try us** and see if they are not just as cheap, too.

THE KELLER POTTERY CO.

213-223 Pearl St., NORRISTOWN, PA.

RED

Standard Flower Pots

Price list and samples on application.

PADUCAH POTTERY CO., INC.

PADUCAH, KENTUCKY

Standard Red Pots

Price list and samples on application.
We carry a complete line of Florists' pots.

Weis & Schmidt Pottery Co.

MILWAUKEE, WIS.

SMITH, LINEAWEAVER & CO.
COAL
Anthracite, Bituminous, Coke and Gas Coal
West End Trust Building, Philadelphia

Greenhouse Heating.

THE HIGHEST POINT.

Regarding the inquiry of H. P. S., on page 86 of The Review for January 25, we wish to state that for years we used hot water on our place, until the range got too large or the fall on our place gave out; then we installed a steam plant, but at that time we had in mind, as all other greenhouse men seem to have, the idea that the highest point in a water system should be at the farther end of the main, together with the expansion tank. We gave the problem a great deal of thought and always had more or less trouble with it. Later we started a plant in another town. We drew plans and arranged the highest point of the entire system at the boiler, or as near it as possible, together with the expansion tank three feet above the highest point in the system. We did this more for experimental purposes than anything else.

This place was started with two greenhouses 100 feet long by twenty and twenty-four feet wide, with a main and fall of one inch to every ten feet, under the ridge to the farther end; then we gave the same fall back to the boiler on the returns, this being the same grade that we use in steam heating. While we know this is against the average heating expert's argument, we have never seen better results. We can heat a house at least as quickly as with steam.

If the above directions are carried out on any hot water plans, the results must prove entirely satisfactory. We had a florist friend who was all tied up, last fall, with his heating plant. We went at his request and planned the same scheme for him. He has had no trouble since. J. L. O'Quinn & Co.

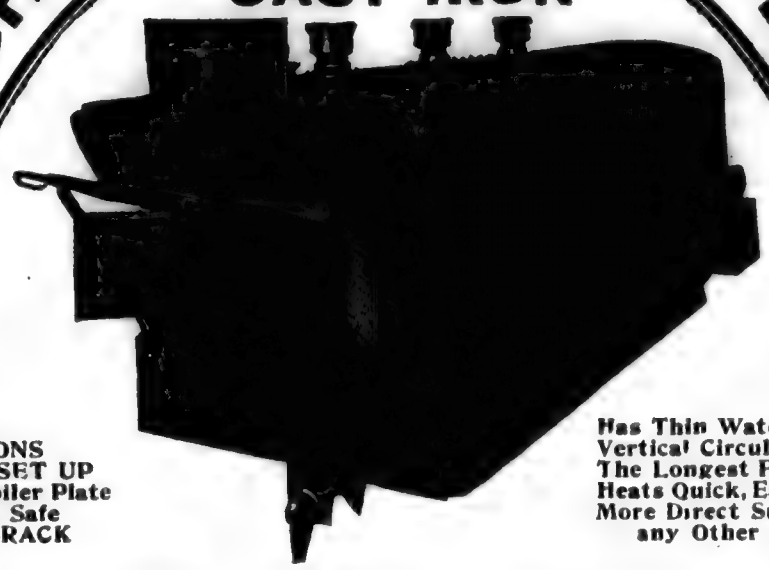
CAPACITY OF MAIN FLOW.

How many 2-inch returns will a 2-inch flow feed, and how many 2-inch returns will a 2½-inch flow feed?

M. B.

The number of returns which can be fed by a main depends upon the length of the coils as well as upon the amount of elevation above the boiler. The higher they are elevated, the greater will be the rapidity of the circulation and the smaller the size of the main that will be needed. As a rule, a 2-inch main will answer for 200 to 250 square feet of radiation if the pipes are 100 to 150 feet in length. In using this estimate, the surface of the main should be counted in as radiating surface. Thus, supposing that there is a 2-inch overhead main running through a house 100 feet long, it could be used to supply two or three 2-inch returns. In a 150-foot house it would still be able to supply two 2-inch returns if they are four or five feet above the heater. A 2½-inch flow pipe will carry 400 to 450 square feet of radiation, or nearly twice

ORDER NOW
KROESCHELL HOT WATER BOILERS
TELEGRAPH AT OUR EXPENSE
NOT CAST IRON



NO SECTIONS
EASY TO SET UP
Made of Boiler Plate
Absolutely Safe
CANNOT CRACK

Has Thin Water Ways
Vertical Circulation
The Longest Fire Travel
Heats Quick, Easy to Clean
More Direct Surface than any Other Boiler

CAST IRON BOILERS WASTE FUEL

THE COVINGTON SEED COMPANY,
SEEDSMEN AND FLORISTS,

Covington, Ky., January 16, 1912.

Kroeschell Bros. Co.,
Chicago, Ill.

Gentlemen:-

Your new Kroeschell Boiler is heating 15,000 sq. ft. of glass, and it would take care of 5000 ft. more. We can maintain any temperature from 55 degrees to 70 degrees and have had no trouble to keep proper temperatures even in the coldest weather.

Your boiler has given entire satisfaction, and we use gas for fuel. We are more than pleased especially with your piping plan, which, in our opinion, is perfect. We have almost 45,000 sq. ft. of glass and use three (3) boilers.

We can heat the 15,000 ft. connected to the KROESCHELL boiler with 25% less gas than used with either of the CAST IRON boilers, and with a great deal more satisfaction. We shall be glad to have any prospective customer inspect our new range

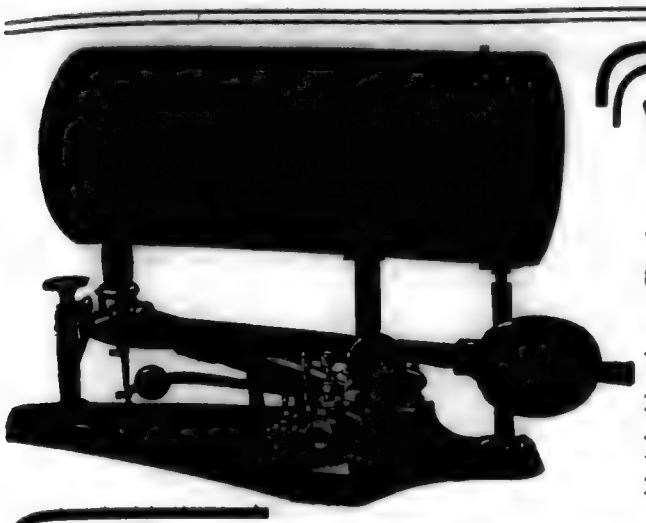
Yours very truly,
Covington Seed Co.
Per

GET A KROESCHELL
THEY SAVE FUEL
KROESCHELL BROS. CO. 444 WEST ERIE ST. CHICAGO, ILLINOIS.
WILL SHIP WHEN WANTED
PAY AFTER BOILER REACHES YOU

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50% SAVED
Pipes, Flues
and casing thoroughly overhauled and guaranteed. Greenhouse fittings of every description.
ILLINOIS PIPE & MFG. CO.
2115 S. Jefferson Street, CHICAGO
Always mention the Florists' Review when writing advertisers.

Ford & Kendig Co.
"Spellerized" Wrought Pipe
Especially adapted for Greenhouse Work, Fittings, Valves, Tools, etc.
24th and Wood Sts. PHILADELPHIA, PA.
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Where There Is Condensation

—there is need for a Morehead Steam Trap. Condensation in steam lines is akin to matter out of place—means wasted energy.

If your lines are sluggish—if your houses are not of uniform temperature, write us. We guarantee to drain your lines perfectly—return the pure, hot condensation to your boiler without pump or injector or make no charge for the trial. Obey that impulse—write now.

Morehead Manufacturing Company

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——Stocks Carried in——

New York, Chicago, Wichita, Kan., New Orleans, La., Philadelphia, Birmingham, Ala., Memphis, Tenn., Los Angeles, Chatham, Ontario, San Francisco

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A Steady Pressure

will always be maintained in your steam pipes, no matter how the pressure at the boiler fluctuates, if you equip your main lines with these valves. Carry 40 or 50 pounds pressure on the boiler, set the

Hughson Regulating Valve

to carry 5 or 10 pounds on the line and you will always have a reserve in case of a sudden drop in temperature. This valve saves both fuel and worry. Ask for catalogue and particulars.

Hughson Steam Specialty Co.

5021-3 S. State St., Chicago

Mention The Review when you write.

as much as a 2-inch pipe. The main return should be of the same size as the main flow pipe.

TWO VEGETABLE HOUSES.

I have a greenhouse 24x100 and thirteen and one-half feet high to the ridge. It contains twenty-two lines of 2-inch pipe and one 4-inch feed pipe. Will this piping furnish enough heat to grow cucumbers, roses or tomatoes? There is a generator attached. I intend to build an additional house, 30x100. How many lines of 2-inch pipe will be needed to grow parsley or lettuce in this house? Where can I obtain reliable information in regard to the growing of tomatoes and cucumbers? I am located in northwestern Illinois. E. C. S.

As to the present house, 24x100, a good deal will depend upon the height of the coils above the top of the boiler. There is no reason why the house can



HOW MUCH

does the temperature vary in your greenhouses during the night, or when you are absent? What's that—you don't know? Buy a

STANDARD

RECORDING THERMOMETER

and find out. It has saved hundreds of dollars for many florists and may do as much for you. Your plants and stock require certain steady temperatures. Use this thermometer and you will know whether they are getting what they need. It leaves a written record under lock and key.

Send for Circulars

Standard Thermometer Co.,

(Successors to Parker Mfg. Co.)

65 Shirley St., BOSTON, MASS.

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More Heating Surface

and less water space than is contained in any other boiler. (Note the many flues set close together.) This is one reason why the users of the

"Superior Standard" Greenhouse Boilers

find them perfectly satisfactory. We frequently receive re-orders from florists who have tested these boilers thoroughly and found them even "Superior" to our claims.

Why not ask for full particulars today? A postal to us will bring a prompt reply.

SUPERIOR MACHINE & BOILER WORKS

Superior and Green Sts., CHICAGO, ILL.

not be heated by means of the piping described, if it is well arranged and is well above the boilers. For the house 30x100 feet, to be used for growing lettuce, etc., it will be a good plan to put in three 2½-inch overhead flows and twelve 2-inch returns. Place one flow on each plate and connect each with four 2-inch returns. The other flow should be about two feet below the ridge and the returns should be distributed under the benches, or in the aisles if solid beds are used.

For complete information upon the growing of cucumber and tomatoes, you might secure the book on "Greenhouse Management," for sale by The Review for $1.50, postpaid.

LOS ANGELES NOTES.

[Concluded from page 65.]

phiniums in full bloom, at the firm's nursery at Montebello, is a sight worth going a long way to see, and fully justifies their claim that their strain is "everblooming."

A. Blomquist, of the Baird Park Nursery, is now alone in the business, his son, owing to an attack of asthma, having to leave. Stock looks well here, but business has been a little slow since the New Year.

Jack D'Ortignac has opened a flower stand in the Alexandrian hotel lobby, where he has made a creditable start. He has again shown his good judgment in placing Mrs. Dolphin in charge; or perhaps it would be more correct to say he was fortunate in securing this lady's aid in his new enterprise.

Tucked away on one of the hills on the way to South Pasadena, the Yokohama Nurseries grow quite a lot of good stock and K. Hiraiyumi is a busy man. Good palms, citrus and rose stock are his specialties and all are well grown, creditable stock.

The H. N. Gage Co.'s daffodils are now in full cut and are arriving in excellent shape from the Hollywood place. Everything in stock is plentiful, Mr. Gage says, but the good demand cleans it all up daily; hence the smile.

All hands are kept busy at the Los Angeles Flower Market to move the increasingly large amount of stock now arriving from the firm's growers. C. Morton reports business keeping up remarkably well, with indications of a most successful spring business.

Morris Goldenson is handling a high grade of orchids now and reports business excellent.

A. F. Borden says his January business made that of last year look like the proverbial 30 cents.

Big business at receptions and parties is the report from the Angelus Flower Shop. Some beautiful brass-work vases here help materially to show off the fine flowers and plants handled.

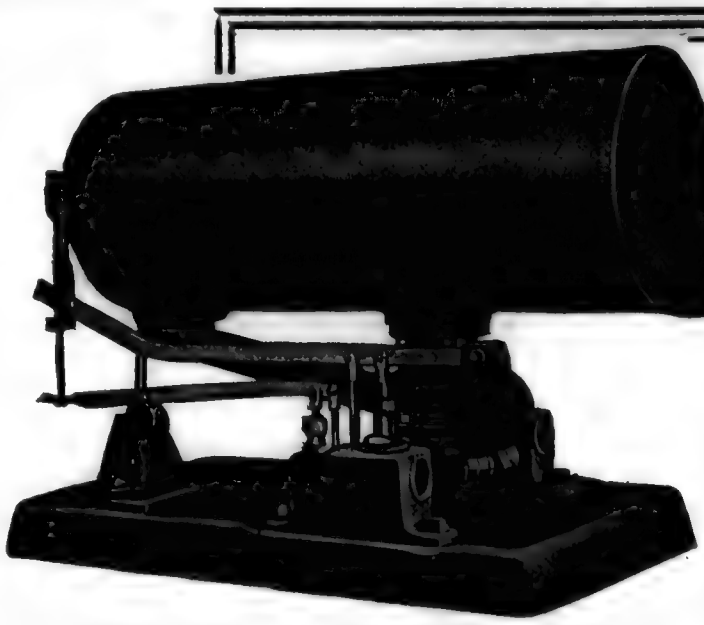
Business at the Freeman-Lewis store is reported as picking up well.

Wright's Flower Shop has been exceptionally busy with funeral work and receptions and the trade at the store has been fine.

Funeral work still keeps the help at the establishment of the Redondo Floral Co. on the jump. Albert Knopf says he has about 30,000 bulbs of Freesia Purity planted and looking fine.

Among the visitors this week was Fred Sperry, formerly of Vaughan & Sperry, Chicago. He may locate here permanently. It is to be hoped he will, as there is room here for men of his type. J. J. Karins, of the Henry A. Dreer corporation, Philadelphia, is also here on his annual visit; also A. J. Currie, of Currie Bros. Co., Milwaukee, Wis.; J. Seulberger, of Oakland; John Morley, superintendent of parks, San Diego, and D. MacRorie, of the MacRorie-McLaren Co., San Francisco.

H. R. Richards.



An Asset in the Greenhouse Heating System

"Detroit" RETURN TRAPS

are machines from start to finish. Built with as much care as would be given the finest engine.

Simple in design and construction. Air and steam valves are in the same cast iron body.

A shock absorber receives the full weight of water as the trap tilts, eliminating stress, "smash and bang," usual with the ordinary tilting trap.

The lap welded steel tank is tested to 300 pounds pressure before shipment.
"Detroit" Traps are an investment—not an expense.

Bulletin No. 326-WF, mailed upon request.

AMERICAN BLOWER COMPANY
DETROIT, MICH.
U. S. A.

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IMICO
Hot Water Boilers
Made by
ILLINOIS MALLEABLE IRON CO.
1801-1825 Diversey Boulevard
CHICAGO

Are noted for coal economy and good results generally

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BOILER FLUES

I make a specialty of handling carefully selected Boiler Flues, 4-inch diameter and other sizes for greenhouse heating, retubing Boilers, Gutter Posts, etc. These Flues are thoroughly cleaned and trimmed, ready for use. Also sales agent for Stuttle's Patent Clamp for joining Flues—no packing, no leaks. Right prices and prompt shipment.

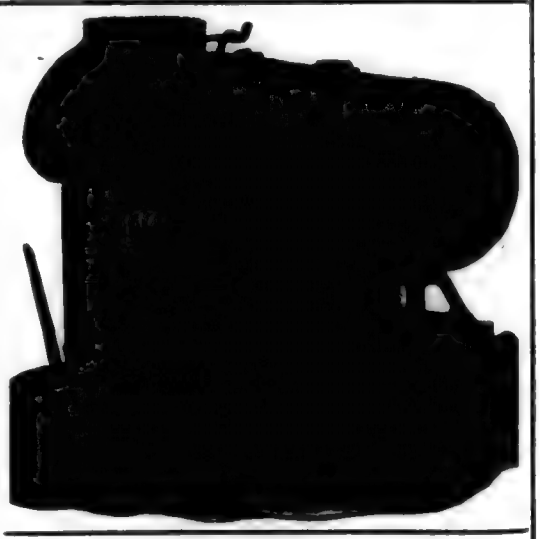
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1405 Wells St., Chicago
Telephone North 572
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A Peerless Heat Accelerator

Attached to your **Water-Heating Plant** will save you large sums in coal bills. Your greenhouses will be warmed as never before; all sections with equal promptness and in one-half the time. Its cost is but a fraction of what it will save you.

FRANK J. EISINGER,
588 Atlantic Ave., Brooklyn, N. Y.
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Johnston Heating Co.
131 E. 26th St., New York City

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STERLING IRON RESERVOIR VASES



are no care, no trouble; simply fill the reservoir and let the vases do the rest. Everybody is interested in these wonderful vases. There is a demand for them everywhere.

Just get a supply of vases and fill the orders that come pouring in. Write for our special proposition to dealers, that enables you to secure this business **without investing any money.**

Be sure to investigate our cash prize offer.

Don't delay—We only want one agent in your locality.

The Sterling Emery Wheel Mfg. Co.

TIFFIN, OHIO

Mention The Review when you write.

What's This?



IT'S THE NEW PERFECTION FLUE CLEANER

and we want to send it to you for **30 days' FREE trial.**

The Perfection will clean welded flues as well as old ones; remove scale from tubes without cutting metal; clean hot or cold flues without changing temper; can be operated by flexible handle.

The knives are always sharp.
Heads are drop steel forgings.
Hundreds now in use by florists.

Scully Steel & Iron Co.

Ashland Ave. and 24th St., Chicago, Ill.

PRONOUNCING DICTIONARY

A list of PLANT NAMES and the Botanical Terms most frequently met with in articles on trade topics, with the correct pronunciation for each.

Sent postpaid on receipt of 25c.

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508 So. Dearborn St., Chicago

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Geo. B. Limbert & Co.

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For Prices on

Genuine Wrought Iron Pipe

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WILKS Hot Water Boilers

—Are—

The Most Economical Boilers for Greenhouses :: ::

No night fireman required with our Self-feeding Hot Water Boilers.

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QUALITY PIPE AND FITTINGS

FOR GREENHOUSES

STEAM AND HOT WATER

Get our Catalogue and Prices.

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DO YOU KNOW ABOUT THE

Martin Rocking Grate

IT SAVES COAL

MARTIN GRATE CO., 343 S. Dearborn St. CHICAGO.

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DUNHAM WATER-WEIGHT ROLLERS

Weight adjustable up to 1000 pounds by filling drum sections with water or sand. Roller bearing, 44% easier to operate—100% easier to sell.

Write for catalogue,
"THE PROPER CARE OF LAWNS"

THE DUNHAM CO.

127 First Ave.,
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Cast-iron Lawn, Golf and Road Rollers.
Lawn Seeding Machines.
Fertilizer Sowers.



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GET OUR PRICES ON

Galvanized Wire Rose Stakes and Tying Wire

Manufacturers of the Model Plant Supports for Carnations, Dahlias, Golden Glow, Peonies, Chrysanthemums and Tomatoes.

Lawn Fence, Flower Bed Guard, Trellis.

IGOE BROTHERS

63-71 Metropolitan Avenue, BROOKLYN, N. Y.

Mention The Review when you write.

HIGH-GRADE BOILERS

Get Our Catalogue **For GREENHOUSES**

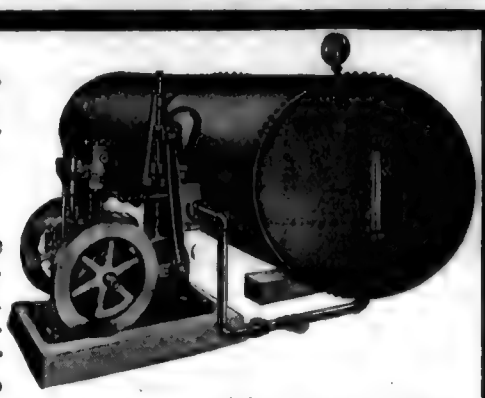
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TWO in ONE



A Pump and an Engine Combined in One Unit

The pump may be connected direct to the pipe lines and will give a steady, constant pressure for irrigating or spraying purposes, or it will pump to an overhead or an air-pressure storage tank. In connection with an air-pressure tank, it pumps either air or water, or both at once, as may be required to keep the proper pressure in the tank. The engine is adapted to the use of either gas or gasoline for fuel, **and the pump will handle liquid fertilizers quite as well as water,** but after all is said and done the chief merit of

Standard Pumping Engines

is their absolute reliability. It is on this feature—reliability—that these pumps and engines have won their reputation. We also offer a variety of styles and sizes that makes them adaptable to almost any conditions.

Did you say your water-supply problem was different from any other? Tell us your troubles and see if we can't help you out. You see, we have made a special study of these problems for many years, and the result is a line of not less than twelve distinct types of Suction Lift and Deep Well Pumps, with gas or gasoline engines, or with electric motor mount ngs, and with capacities of from 400 to 4000 gallons per hour.

Sure y we can help you out—at least, tell us your water-supply troubles and see what we can do.

Our Catalogue No. 10 is yours for the asking.

SHALL WE SEND IT? WHERE?

The Standard Pump and Engine Co.

14 MICHIGAN ST., CLEVELAND, O.

STANDARD PUMP & ENGINE CO. PUMPING ENGINES CLEVELAND, O. U.S.A.

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DES MOINES, IA.

Saturday evening, February 3, James S. Wilson, Jr., second son of Mr. and Mrs. James S. Wilson, was united in marriage with Miss Elizabeth Johnston, of Eagle Lake, Minn. The marriage took place before a bank of palms and Easter lilies, over which was a canopy of white bells and smilax. Miss Clara Wilson, sister of the groom, played Mendelssohn's Wedding March as the bride and groom, unattended, took their places. Immediately following, Miss Perle Fulmer sang "As the Dawn," after which the beautiful ring service was read by Rev. H. E. Van Horn. At the close of the ceremony, Alex. Wilson sang, "Love Me and the World Is Mine."

Mr. Wilson is associated with his father in the Wilson Floral Co., of this city. He and his bride left at once for a short visit with Mrs. Wilson's parents at Eagle Lake, after which they will be at home at 626 Thirty-fifth street, in a cozily furnished apartment which Mr. Wilson has ready. F.

DUNDEE, N. Y.

Lewis J. Brundage, proprietor of Sunnyside Farm, in this city, and C. G. James & Son, of Hornell, N. Y., have joined forces and purchased a fine location on Main street, Penn Yan, N. Y., where after April 1 they expect to conduct business under the name, Lake Keuka Floral Co. As soon as weather will permit, work will be begun upon the greenhouses at the new location, where will also be moved the present greenhouses of both parties. A concrete store will also be erected adjoining the street. They will conduct a general line of florists' business, dealing also in bulbs and seeds. Dahlias, one of Mr. Brundage's specialties, will be largely grown both for wholesale and retail, as will also be a full line of primroses, cyclamens and cinerarias, which are now Mr. James' specialties. L. J. B.

To Tell All the Good Points of Our Construction

in this advertisement is impossible. If you are planning any rebuilding or additions, it will pay you to write us.

TRUSSED SASH BAR AND IRON FRAME HOUSES



GEO. M. GARLAND CO.

Lock Box R, DES PLAINES, ILL.

MANUFACTURERS OF The Gutter with a Reputation

CONCRETE BENCH MOULDS AND GREENHOUSE APPLIANCES

SEE THAT LEDGE.

Pat. Sept. 18, 1900



THE JENNINGS IMPROVED IRON GUTTER.

Use Our

Patent Iron Bench Fittings and Roof Supports

VENTILATING APPARATUS

Improved Vaporizing Pans for Tobacco Extracts, Etc.

Send for Circulars.

DILLER, CASKEY & KEEN, S. W. Cor. 8th and Berks Sts. **PHILADELPHIA, PA.**

Mention The Review when you write.

A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

NEW YORK BELTING AND PACKING CO. LTD

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CHICAGO, ILL. PORTLAND, ORE. BOSTON, MASS.
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BUILDING?

If so, have you given your ventilating system consideration worthy of its significance? It is necessary to have perfect vent sash operators in order to secure the required results.

All we ask is a careful investigation of our machine and we know that you will confirm our statement that we have the best on the market.

Write for a catalogue.



ADVANCE CO.
Richmond - Ind.



DREER'S

Florist Specialties.
New Brand New Style.
Hose "RIVERTON"
Furnished in lengths up to 500 ft. without seam or joint.

The HOSE for the FLORIST

¾-inch,	per ft.,	15 c.
Reel of 500 ft.,	"	14½c.
2 Reels, 1000 ft.,	"	14 c.
⅝-inch,	"	13 c.
Reels, 500 ft.,	"	12½c.

Couplings furnished.

HENRY A. DREER,
714 Chestnut St.,
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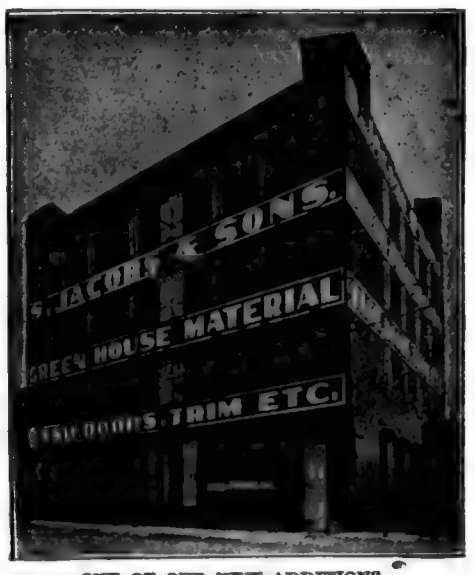
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DETROIT.

The Market.

Business has been having its ups and downs lately. Some days trade is more than can be nicely handled and the next day there may be little doing. Stock is scarce, excepting dark colored carnations. Shipments of bulbous stock are already quite heavy, but even this is well cleaned up.

Various Notes.

Leopold Mallast, of Mt. Clemens, is shipping some exceptionally fine peas and snapdragon to the Detroit Cut Flower Supply House.

Carnations and peas at Stevens' place in Mt. Clemens are bringing good returns. Robert Klagge, just across the way, can be proud of his single violets. Some of his houses, those in which his thousands of bulbs are coming into bloom, remind one of the pictures of the bulb fields in Holland.

Fred Breitmeyer's whole plant is in the pink of condition. The roses look especially fine. The old range is partly devoted to vegetable growing and brings nice returns. Carey's roses were always famous and this year is no exception. Aug. Von Boeselager, also of the City of Baths, is growing a few orchids. Here is a man who believes in making his employees comfortable, evidence of which is a pretty bungalow just finished for his foreman.

Mrs. E. A. Fetters has been appointed on the board of directors of the Ladies' Society of American Florists by the president, Mrs. James Boone, of Baltimore.

A vote of thanks was tendered Mrs. C. H. Maynard and Mrs. E. A. Fetters by the Detroit florists for their coöperation in entertaining the visitors to the rose and carnation convention.

The work on the beautiful new store and conservatory of the Bemb Floral Co. is progressing nicely and Mr. Pochelon should be nicely settled in his new quarters by Easter. The florists of Detroit can surely feel proud of an establishment such as Mr. Pochelon is building. He is overflowing with good ideas and all are being embodied in this new store. H. S.

New Castle, Ind.—The Olinger greenhouses had a narrow escape from fire January 24. The loss did not exceed $500.



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THE RETAIL FLORIST.....

PROCRASTINATION.

Do you recall that for the few days before Christmas it was difficult if not impossible to procure good red ruscus?

Then, early this week supply houses were flooded with telegraph orders for red heart-shaped violet boxes—but the stock had become exhausted.

The moral? Don't put off ordering Easter novelties; get what you want by ordering early.

SIMPLICITY IN WINDOWS.

Two Cardinal Rules.

A clever retailer, one whose windows were always attractive, said that he had two cardinal rules that he never broke, under any circumstances. The rules were: Always to use as simple methods as possible in his window displays, and to change them frequently. There is no doubt that customers are attracted to a store where they expect to find something new every day or two, while simplicity, if the material used is good of its kind, is an unfailing drawing card to people of taste.

It is quite an item in the daily routine to have to change the window or windows, but when once the habit is formed of never leaving the same stock in two days, it becomes easy. It is not quite so easy, however, to think up new ways of drawing the customer daily, and a decorator who can and will do it is deserving of all the success coming his way. And a good deal of it will come.

Crowded Windows Not Artistic.

A crowded window is never an artistic success and seldom a financial one. Jars of roses, sweet peas, carnations or other flowers, set out in rows like a drummer's samples, only appeal to people who are anxious to buy just that class of flowers and these will come to the store anyway. The true function of the well dressed window is to suggest something to the would-be patron, to bring the hesitating customer to a decision and, incidentally, to give a finish to the whole establishment. And a simple arrangement, frequently changed, will do the trick almost every time, certainly oftener than an attempt at elaborate displays in which one class of goods detracts from another, either in beauty of form or color. Here is where the florist must endeavor to raise his window above the level of that of the grocer or the confectioner.

A Begonia Window.

A few really good plants of Begonia Glory of Cincinnati, on a window cloth of deep green velvet, with a winding or snake-like effect of ribbon of the same tint as the begonia flowers, gave a charming effect in a local retailer's window recently. The plants were purchased a few days before they were needed for a decoration, so the display cost nothing except the little trouble of fixing it up.

An ornate window, but one that could be copied only at a time when orchids are plentiful or by a store that does a good business in them, was composed entirely of Cattleya Trianæ and Adiantum Farleyense. Here the grower of the orchids shipped the plants to his retailer customer and he agreed to cut and use all the flowers within three days, so the plants were not injured. The Farleyense were from stock. There is no other setting so perfect for orchids, and especially cattleyas, as this adiantum; the somewhat heavy pinnules and the pretty, soft green tint suit them perfectly.

Violets and Acacia.

A window of quite a different character, but equally effective, was made by a clever young decorator the other day. Violets were so cheap they could hardly be given away, so he lined the whole of the window with them and overlaid these with loose bunches of the feathery acacia or mimosa. The contrast between the bright yet soft green of the mimosa and the violets was exquisite, while the rather heavy setting of the latter was relieved by the grace and lightness of the mimosa.

"Nothing really new or striking about this," someone may say, and the impeachment must be admitted, but there may be some readers who have not tried these simple yet effective methods of decoration and are trying to get away from the sample style of window. They may, perhaps, find a useful hint herein.



Wreath of Galax and Roses by Fred C. W. Brown.

MODERN SALESMANSHIP.

[A paper by Fred C. W. Brown, read before the Buffalo Florists' Club, at Buffalo, N. Y., February 6, 1912.]

The florist of today finds many obstacles in the making of sales. He should give careful thought and attention, therefore, to the methods employed. Modernism and adaptability to existing conditions are most necessary.

The first great and successful step in changed methods was when we began to realize that we must be on the plane of the prospective customer. So, to gain the confidence and respect of the buying public, we threw away our counters and met our customers on an equality that removed the store aspect. In this we are pioneers in what I believe will be an almost universal method in the sale of the higher class of merchandise.

A Peculiar Condition.

Our salesmen are confronted by a peculiar condition in the judging of

customers. The feeling has always existed, and does exist still, even between florists, that certain salesmen are adepts at securing high prices. This feeling is often conveyed to customers, when at some inopportune time they enter the establishment and are quoted flowers at a lower rate than their regular clerk has been in the habit of charging. Hence it is sometimes difficult to explain matters, particularly to the purchaser.

The raise in price is justified, for we are dealing with people who want and can afford the now almost necessary luxury of flowers.

Our man with modern methods somewhat overcomes this difficulty in regard to the seeming raising of prices. He realizes that his purchaser is desirous of sending the best and so he has, by his ability to gain confidence in his superior knowledge of blooms, so trained or directed his trade that, instead of receiving an order for a dozen of this or that, he receives an order for a box of roses or flowers at the amount the purchaser wishes to invest. By this method the price is elastic; the salesman is enabled to pick from a jar the choicest blooms and supply to an exacting customer only that which is perfect, whereas, if he were to sell at dozen rates, he is in duty bound, if fair to his remaining trade, to take the blooms as they come, unless he has raised his price to merit the special selection.

A Delicate Task.

The modern salesman also has a delicate and exacting task to perform when there is necessity for what is termed "switching."

A majority of our prospective buyers enter the store with only a desire to purchase "flowers." It may be flowers for a friend, flowers to wear or flowers for a funeral, but there is no set decision as to the variety. Naturally, the first suggestion to their mind is roses; or, if the purse is small, carnations.

Roses and carnations, perhaps, are scarce or our stock is short, but spring flowers are in abundance; so also are plants. Our modern man suggests a plant; he suggests spring flowers; he shows roses and carnations, but by suggestion he leads to the articles he desires to move and so he satisfies a customer and disposes of that which might be a loss. This is sometimes called "forcing," but if heavy persuasion or arbitrary tactics are used he will, though perhaps making the sale, lose a regular customer through thoughtless, overbearing methods.

The most noticeable changes are to be found in our methods of selling designs and flowers for memorial purposes. We are breaking away fast from the cumbersome and freakish set design and are each day greatly adding to the demand for the artistic and beautiful wreath and cluster.

In some sections of the country, and even in different sections of the same city, some of our florists find great trouble in satisfying their trade with anything else than the old set piece, but let me say this word to you: Do not be discouraged; remember that what you were years in educating your public to, you cannot break them of in a day.

Educating Public Taste.

Our modern methods are here waiting for some big strides in improvement, and we must look carefully around to find, if possible, the best and safest means to prove to the buyer our contention that the gates ajar or broken column, which they have entered our store to order, is not as artistic, elegant or suitable as the rich basket, bunch or wreath. In this day of competition it is up to us to "show" them. We have at our hand the means to accomplish this, though few seem to have availed themselves of the results of the camera, through which means we are able to place before the eyes of our trade positive proof of our contention that we can produce something more suitable and more elegant than the old, solid-detailed monstrosity.

Our trade is being elevated to its sphere. The process of elevating is tedious at times, but by perseverance and persistence we will evolve from the old to the new method. We must evolve, for though our tools are the hands of man, our material is nature's highest form of art, and though by mistaken, mercenary methods we have created a demand for the ridiculous, we are surely leading back to nature's arrangement and are fast driving to oblivion our first errors.

The Persuasive Photograph.

The floral photograph plays a most important part in this educating, as well as greatly aiding us in securing the highest amount a purchaser desires to spend. The old method of the wire frames, or a play on the imagination with the assistance of a tape line, is giving place to the graceful and true delineation of the camera lens, so that many now are able to place before their buyers a reproduction of work that is far more subtle in its persuasion than any word description.

Above all, remember in our elevating methods that we are in our positions to serve the requirements of the customers, and to those customers, whether they come with 5 cents or $5, is due courteous treatment. Deference will ever remain the strongest lever in modern methods of salesmanship.



Eagle in Flowers by J. B. Nugent, Jr.

NUGENT'S DESIGNS.

The illustrations in this issue show two of the pieces by John B. Nugent, Jr., made for the opening of the Weber & Fields theatrical reunion at a New York theater February 8. The showing made by the basket of carnations will be considered distinctly good. The other piece is one of those oddities which frequently attract more attention than a really artistically arranged basket of choice blooms. The widespread wings of the eagle were made of red and white carnations, with a feathering of pampas plumes. The base of the design was built, appropriately, to represent rocks.

RHODODENDRONS FOR EASTER.

Please let me know how to grow rhododendrons for Easter flowering. I received a few eight or ten days ago and potted them at once, but do not know what temperature to give them.

M. S.

Rhododendrons started early want a cool house. A night temperature of 45 to 48 degrees would suffice. They will flower in time for Easter in such a

house and be of better quality than if subjected to hard forcing. If preferred, you could have delayed until the middle of February, giving them a warm house, with a minimum temperature of 60 degrees. Spray them over freely until the buds show color. Move them into a cooler house as they expand.

C. W.

PLANTS FOR A SUN PARLOR.

I should like to ask what kind of plants you would advise to put in a box in a solarium, or sun parlor. The boxes are about five feet from the floor and back from the light, against the wall. Is there anything that will live and bloom in such a location? There is Asparagus plumosus and Vinca variegata in them now. I shall be thankful for any information. J. W. L.

Flowering plants would not do well so far from the light. The following foliage plants, in addition to those you have been trying, will thrive satisfactorily: Ficus elastica; the trailing Ficus repens; dracænas in variety, particularly D. Australis or indivisa; Aspidistra lurida and its variegated form; Asparagus Sprengeri; Phœnix rupicola, Canariensis and Roebelenii, and, if sufficiently warm, with a minimum temperature of 55 to 58 degrees, any of the crotons should do well. If any flowering plants would succeed in such a location it would be some of the fibrous-rooted begonias, such as Vernon and Erfordii. C. W.

STORAGE FOR BULBS.

Will you kindly give me some instructions as to the construction of a pit to keep bulbs in until they are ready to be brought up? I intend to build one in the near future, and any information on the matter will be greatly appreciated. J. H. S.

Many growers place their bulbs in coldframes, covering with ashes or sand and protecting with straw, leaves and other material as cold weather arrives. Others prefer to keep them outdoors all the time, digging out the ground to a depth of twelve to fifteen inches and of any required dimensions, where water will not stand. Place boards around the sides and a generous layer of coal ashes on the bottom, the latter to preserve the drainage by keeping worms out. Then pack between the pots with soil. Leave exposed until frost comes; then cover well with ashes or soil and mulch well with leaves, straw and matchboards. Good flowers can be produced in this way, but unless they are all wanted late it means many a disagreeable job in removing snow, etc., and getting at them during winter, and it is impossible to tell how each kind is sprouting until they are uncovered.

A pit or cellar in which to store bulbs could be made below any existing buildings. If an independent one is desired, locate it, if possible, on a hillside where the drainage will be good, and, if possible, have the entrance facing south. It can be built of any desired size of wood, stone or concrete. The concrete is now mostly used. The outside of the roof can be of tar or tar paper; I prefer tar, as it is quite waterproof and durable. The sides of the cellar can be covered with earth, and the roof itself, which needs only a slight pitch, can be protected by straw when severe weather sets in. It is an advantage to have one or two windows or ventilators. Double doors, of ample size to allow the entrance of a team, should be provided. These can be left open except in severe weather. As to the height, I should prefer to have it not less than ten feet to the ridge. In such a place you could store, in addition to bulbs, vegetables in variety, shrubs and trees of doubtful hardiness, bay trees, hydrangeas, hybrid tea roses and much other stock. Bulbs in such a place can be examined and taken out at any time. If intended for bulbs only, your cellar can be made of just sufficient height so that a person can walk around with comfort. C. W.



Basket of Carnations Arranged by J. B. Nugent, Jr.

BROWN LEAVES ON CYPERUS.

How can I prevent the ends of the leaves of my umbrella plants from turning brown? S. E. P.

The leaves of Cyperus alternifolius, umbrella plant, naturally turn brown when old and should be cut off. As they are semiaquatic plants, they require a copious water supply, and any dryness at the root will cause the ends to turn brown. C. W.

COLORED ROMAN HYACINTHS.

Kindly inform a southern subscriber whether there is a hyacinth in red or pink which can be had for Christmas, like the white Romans. If any such exist, please let me know what they are. F. J. U.

There is a pink Roman hyacinth and also a light blue one, but I do not know of any red one. The pink and blue can be had from any of the bulb specialists advertising in The Review. The earliest red hyacinths you could get would be by purchasing miniature bulbs offered for forcing, of such Dutch hyacinths as Garibaldi. These, however, will not flower until January under the most favorable conditions.

C. W.

CARNATIONS

STIGMONOSE.

As we are beginners in the growing of carnations, will you kindly tell us what ails the plants of which we are sending you samples? The varieties we are sending are White Enchantress, White Lawson and Lady Bountiful. They are all planted in the same bench. In another bench we have other varieties of Enchantress, Harlowarden and Victory, but they are doing well. Please give us the name of the disease and state whether it spreads, as we believe it does. Is there any cure for it? Would you advise us to take cuttings from the plants or not? J. L. M.

The disease you complain of is stigmonose, which has been the subject of numerous discussions in these columns this winter. By looking up your back numbers you will find the information you seek. I might add that this disease does not spread from one plant to another, except in case a plant is inoculated by means of the punctures of insects. Unless you keep your plants scrupulously clean, there is, of course, great danger of this.

A. F. J. B.

CUTTINGS OR BLOOMS—WHICH?

I write to ask something about the rooting of carnations. I read each week what A. F. J. B. has to say and think he is O. K., but what I wish to know is this: My carnation plants are making a good many shoots around the bottom of the plants, about five to six inches long. Will these make good cuttings? Or, if left on the plants, about what month will they flower? I can sell 25,000 to 40,000 cuttings from March to the first part of May, if I had them. In other years I bought them unrooted and rooted them, but I have been thinking of taking those bottom shoots instead of buying unrooted ones. I also remember that when I threw the old plants out, about the first part of July, there were about twelve to fourteen nice green tops on them, about twelve to sixteen inches long, and if these had been put in sand when four or five inches long I would have had more rooted cuttings and would thus have been turning these green tops into cash. I shall be much pleased to have A. F. J. B.'s opinion on this point. G. A. R.

You are in exactly the same fix in which most of our carnation specialists have found themselves at one time or another, especially those who grow for both cut blooms and cuttings. Each has also found, sooner or later, that it is impossible to secure both in satisfactory quantity from the same plants. To get a maximum of cut blooms from your plants, you must take off no shoots except those which would be taken off with the blooms. When growing for cut blooms alone, you can secure enough of these shoots to supply all the stock needed for your own planting, but not much more. To get a maximum of cuttings it is necessary to keep the blooming shoots topped back from the very beginning in the fall, to induce the young breaks to come. With a fair market, either one will pay better than to try to mix the two, as has been found by experience.

When we buy new varieties we let them come into crop, and then, about the first of the year, or whenever we begin to propagate, we go through them and take off all the available cuttings. Then, as the breaks appear where the blooms were cut, we keep taking them off. By the last part of March there are usually few buds left and we are running the plants for cuttings, as long as we wish to propagate them. We practice this method because it gives us a chance to get an accurate line on the productiveness and desirability of the variety through most of the season, and at the same time we manage to get a good lot of stock for the next season.

But, to get down to your own particular case, I take it that you want to cut blooms, and about all you can cut, up to the end of the season, which would be July 1. Cuttings which you would sell during March and April would have to go into the sand at least four weeks earlier than the time of delivery. That would mean that you would take off the shoots during February and March. These same shoots would flower during May and June. The shoots of which you speak as being twelve to fourteen inches long when you take the plants out in July would have been too late to propagate satisfactorily. So you can see that it simmers down to the question of whether you want to grow for a maximum cut of blooms during May and June, or whether you are willing to sacrifice a part of the cut for what cuttings you propagate. But this much is certain: Every young shoot you take off in late winter or early spring means one flower less ten to twelve weeks later. You can not eat your cake and have it too, and, in the language of the faker, "you pays your money and takes your choice."

A. F. J. B.

SUBSTITUTE FOR HARLOWARDEN.

Will you please give me the name of a good carnation that will take the place of Harlowarden? Our stock of it seems to be going backward and is not giving the satisfaction it should.

L. S. H.

Since the time when Harlowarden was introduced there has not appeared a crimson variety which took among the trade as Harlowarden did. In the west it has been Harlowarden and in the east it is Harry Fenn. Nothing seems to have been able to displace them. Last season my firm dissemi-



Variegated Seedling No. 94, of Chicago Carnation Co.

mated a variety under the name of Pocahontas. The sales were limited, as a crimson naturally will not sell in such quantities as other colors, and most of the lots sent out were comparatively small. We are hearing from all sides this year, among those who bought it last year, and it is being propagated largely for next season's planting. We are sold up for the season and we are unable to advise where you can buy it, as everyone seems to be holding onto what he has. Next year you can, no doubt, buy it from a number of places. Hang onto your Harlowarden another season and then try Pocahontas. A. F. J. B.

VARIEGATED CARNATIONS.

It has been a long time since variegated carnations have been offered in the markets in any quantity. It appears that within the next year or two the possibilities of large sale will be put to the test. Years ago Mrs. Bradt was popular with the customers of the retail stores, but the variety had faults which put it out of the race. Of a different type, but probably as well liked as any carnation ever offered in the stores, was Prosperity. Its fault was that it could not be grown to sell at anything like the prices of other carnations. Within the last year or so a number of varieties have appeared more or less on the order of Bradt or Prosperity. Two of those of the Bradt type of marking are shown in the accompanying illustrations. One is an eastern variety, raised by Peter Fisher, which has been seen at most of the exhibitions within the last year. The other is a seedling raised by the Chicago Carnation Co., which is as yet little known outside of the Chicago market. Each is a pure white flower with pencilings of bright red. Mr. Fisher is disseminating his variety, Benora, this season and it is said that in the east, especially in the vicinity of Boston, it will be planted heavily. The western firm plans to disseminate its seedling next season at the same time it sends out its red variety, The Herald.



Peter Fisher's Carnation Benora.

CARNATIONS IN LETTUCE SOIL.

We now have the second crop of lettuce on soil taken from fertile sod, never plowed until last summer. The sod was piled up and rotted until November, when we put it into the benches. The lot had been pastured for about five years. To the soil we added every fifth load of well rotted stable manure. It grew an excellent crop of lettuce, after which we added a liberal quantity of sheep manure, worked it up well and sprinkled the top with good wood ashes, with a little air-slaked lime; then we planted the second crop. Will this soil be all right for carnations, to be planted in July? C. B.

I hardly think that the lettuce would have exhausted the soil enough to render it unfit for carnations, and if it seems in a good, sweet condition, I would not hesitate to use it. In such cases it is usually not so much a question of fertility as it is of the condition of the soil. If fertility were the only thing to consider, then we could easily supply the deficiency, but when a soil is soured and has that honeycombed look one sees in soil which has been in use a whole season, then it is just about impossible to doctor it up. Your experience as a grower should tell you whether the soil is in good condition to grow plants. A. F. J. B.

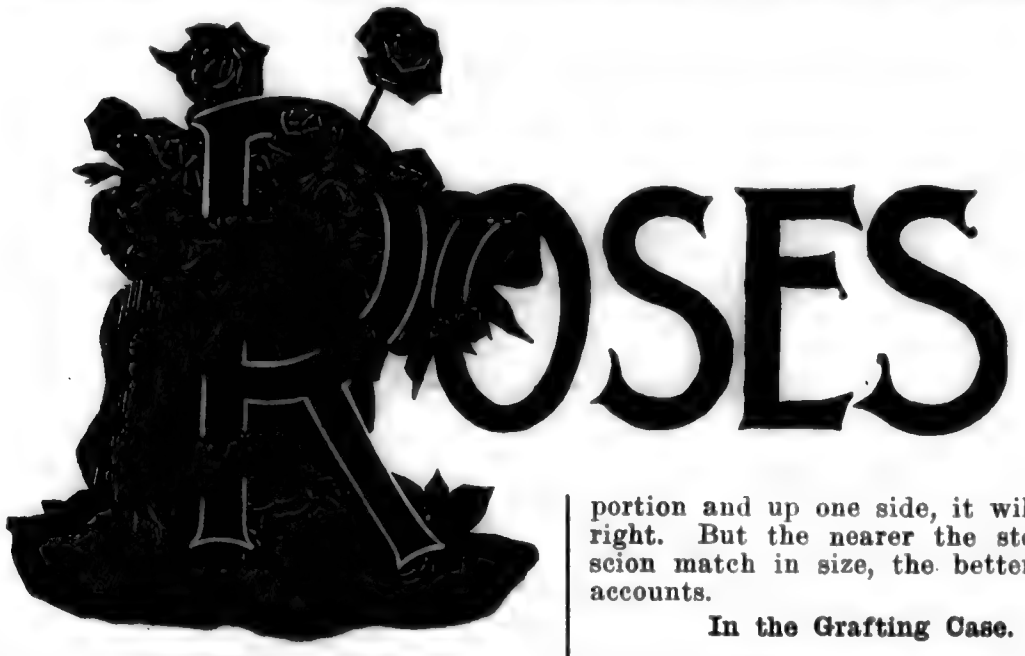
CARNATIONS IN OPEN FRAMES.

I have eight coldframes, each 4x10 feet, and should like to grow carnation plants for blossoms in them this summer, outside. I should like to grow them in the open frames, without the sash on. Can they be grown outside, in the open, and produce long stems and good blossoms? I would set out about 3-inch pot plants in the latter part of May. What varieties would you recommend and what kind of soil should I put them in? How far from the top of the frames should the surface of the soil be? When would 3-inch pot plants begin to blossom, set out that way, and how many of these plants would it be safe to set in each frame? I am located in northern Ohio. L. S.

Your plan of growing carnations outdoors is quite feasible, though it is a question as to whether you can make it pay if you mean to dispose of the blooms in the wholesale markets. During the summer months, when asters are so fine and sold so cheaply as they now are, there is not much chance to get enough for your carnations per hundred to make them profitable. You certainly could not sell them for the same price as the asters and make as much money.

However, if you want to grow carnations for blooming in the summer (and the foregoing statements may not apply to your case at all), you should lose no time in getting your plants under way. If you have none in pots, I would advise you not to wait until you can propagate them, but buy them at once. All the Enchantress varieties will do well, grown that way; also White Perfection, White Wonder, Gloriosa, Fair Maid, Queen, etc. Get the plants into 3-inch pots by early May, and topped at least once, so that they can come right up into bloom without having to be topped any more. Plant about eight inches each way. Your coldframes are all right, but it is not necessary that the side boards come up very high. All you want is that they hold the soil around the edges and keep the water from running off when you water them. After they are planted a few weeks, give them a good mulch of spent stable manure to help hold the moisture. These plants should begin to give you blooms about the last of July and continue until frost cuts them down. A. F. J. B.

Saco, Me.—George L. Mahoney, the local florist, and Miss Elizabeth Cleaves, of Kennebunk Port, were married February 1.



GRAFTING ROSES.

To Graft or Not to Graft?

"Do roses do better grafted or on their own roots?" is a question frequently asked. Much depends on the soil in which they are to grow, and a good deal depends on the variety. Where a grower has a light soil to deal with, there is no doubt the Manetti stock, upon which most kinds are grafted, is good. Even in a heavy soil the Manetti will push more roots than weak growing teas or hybrid teas. In solid beds on the ground the Manetti sometimes shows a disposition to go to rest in winter, just when the grower wants his stock to move freely, but this is not the case in raised benches, where the heat reaches the roots. Some popular kinds are too slow in growth on their own roots and are much improved by grafting. Take Mrs. Marshall Field, for instance; it practically refuses to grow in some soils on its own roots, while it makes a fine growth on the Manetti.

I have little doubt that nearly all the popular hybrid teas do better grafted than on their own roots. As to the best stock, that is another story, but the Manetti is usually the easiest to get hold of and is used more largely than other and possibly better stock.

Some Hints to Beginners.

The operation of grafting has been so frequently described that it is hardly worth while to go over the ground again, so I will presume that the cardinal points are known and try to point out a few rocks upon which beginners often founder.

Stocks are frequently potted too deeply. The rose unites more freely on the root portion, or that which has been buried in the nursery, than on the portion carrying green bark. I have frequently grafted roses on pieces of wild brier roots that have never borne a leaf or any bark. Stocks should always be potted with about an inch of straight stem just above the soil, for grafting on. This is easier to work on than a crooked stem and insures the point of union being buried when the final planting takes place.

When the stock is larger than the scion, do not try to make the latter fit all across, or the cambium layers on the stock will not be fully exposed and a good callus will not result. As long as the cambium layers of stock and scion meet at the point of the cut portion and up one side, it will be all right. But the nearer the stock and scion match in size, the better on all accounts.

In the Grafting Case.

The grafting case should be as nearly as possible air-tight. This is not so much on account of the heat required, but it enables the grower to maintain abundant atmospheric moisture in the case without frequent moistening of the plants overhead.

No reasonable amount of fire heat will injure the plants while the process of grafting is going on, but the sun must be carefully excluded. One hour's sunshine will probably ruin every plant in the case, so shade regularly and thoroughly.

From ten days to two weeks, according to the amount of heat given, is sufficient time for the plants to callous, and after this takes place a little air should be put on the case at night after the house is closed. For the first couple of days a label, placed the flat way under the light, is ample, and this should be removed and the plants lightly sprayed with an atomizer before the house is ventilated the next day. Let the change from an absolutely close case to the ordinary rose house temperature be as gradual as possible.

Raffia is good for tying material. There are several adhesive preparations on the market, and I have seen good results from their use, but millions of good plants have been grown with the common raffia for ties, and it is the cheapest of all.

KILLARNEY AND RICHMOND.

Will Killarney and Richmond roses do better in separate houses than when grown in the same house?

B. J. M.

Though Richmond and Killarney require practically the same night temperature in winter, 58 degrees being about right, and are often grown successfully in the same house, they will undoubtedly do better in separate houses. Each of the forcing roses has some little peculiarity. For instance, Killarney has tender foliage compared with Richmond and falls an easier prey to spider and mildew. Then again, it is always easier to make little temperature and other changes with one variety than with two or more. It will certainly be well to grow the varieties separately if accommodations will permit.

C. W.

SEASONABLE SUGGESTIONS

Lilies.

We are getting a much colder winter than a year ago, and with Easter coming, as it will, nine days earlier, it will be necessary to keep close watch on the lilies, and any laggards should at once be placed in more heat. We have now a bare eight weeks in which to flower the plants. It is always better to have them in flower a few days ahead of time, as they can easily be held back in a cool house, rather than have to subject them to severe forcing near the time they are wanted in flower. To be sure of the flowers being on time, the buds should show distinctly forty days before Easter. That time will be here almost before we know it; therefore move late plants without delay to as warm a house as you can give them. Syringe them freely and hurry them all you can. On the other hand, those with buds already showing may be kept a little cooler. The house should not go below 50 to 55 degrees at night, however.

With an early Easter there will be fewer flowers of the Ascension lily, L. candidum, seen than usual. This variety resents hard forcing; it causes the spikes to become spindling and the flowers are always much smaller than under cooler treatment. If the candidum buds show by March 1, it should be possible to flower them in an average night temperature of 55 degrees, but this should be the absolute maximum at night. Once a week the plants should be fumigated or sprayed for green aphis.

Liliums speciosum and auratum, if fall potted and kept in a cool house, are now a few inches high and should be given a bench where they will be close to the light. They prefer a moderately cool house. These are always found useful in June and July.

Rambler Roses.

Rambler rose plants intended for Easter flowering should now be nicely started into growth and given a house with a night temperature of 55 to 60 degrees. Ventilate with care. On many days the sky, which has been clear, will suddenly darken and the temperature will drop quickly in the houses. A cold, clammy atmosphere must be avoided as much as cold drafts. On the first appearance of mildew, dust the affected parts with flowers of sulphur, using a powder bellows, and if

you use steam, paint some on the flow pipe. Ramblers that were pot-grown through the summer will need feeding at once, while those potted up in the fall can wait a little longer. Be sure the roots are kept moist, and only spray over on clear mornings when you are tolerably sure the plants will be dry before nightfall.

Hybrid Perpetual Roses.

Hybrid perpetuals are always better if started cool. There is not the call for them that once existed at Easter, but such varieties as Frau Karl Druschki, Brunner, Mme. G. Luizet and reds like the old Jacqueminot sell well. These will be on time if given a house such as the ramblers have. Roses of the Baby Rambler type and Clothilde Soupert, if just breaking away, will flower for Easter. Their treatment should be the same as that of the climbing ramblers.

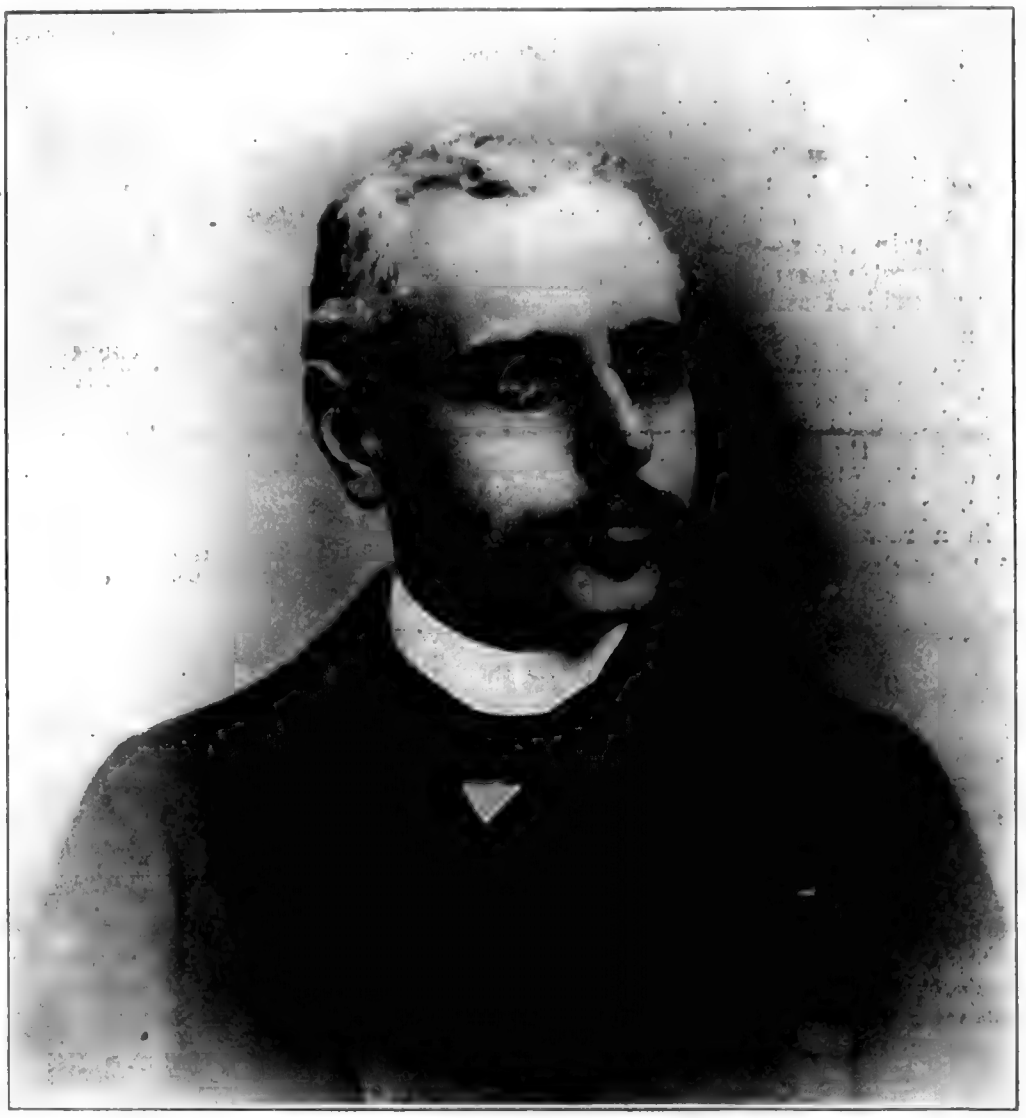
Dutch Bulbs.

Many inquiries come to hand at this season asking when to place Dutch bulbs in heat to flower them at Easter. It is virtually impossible to give any precise answer, owing to the extreme variations in temperature which may be experienced after they are housed. In some cases a month may be needed. In the case of tulips and trumpet narcissi three weeks should suffice, in a temperature of 50 degrees at night. Some growers keep their plants in cold-frames, and in this way the nicest, stockiest plants can be had. If perchance we get a cold March, it may be necessary to place some of the bulbs in heat to have them in on time. It is an easy matter to keep them back for a few days on the floor of a cool cellar.

After this time tulips, hyacinths and narcissi will be sufficiently well sprouted and will give stems of ample length if placed on the benches in full light at once. A batch should be started at least once a week, in order to keep up a continuous supply. The severe weather experienced so far in 1912 has made difficult and disagreeable work for those who continue to keep their bulb stock in pans and flats outdoors, for, no matter how well it may be protected, it takes considerable time and much patience to get a fresh batch in each time it is wanted. If the same bulbs were stored in a cool cellar they could be examined any time, and no one will claim that bulbs thus stored are not fully as good as those buried outdoors.

Show Pelargoniums.

The show pelargoniums are now making quite rapid growth. All should now be in the pots in which they are to flower. Pinching of the leading shoots should now be discontinued. For an early Easter it is hardly possible to have these pelargoniums in good bloom. They are usually at their best during May and early June, although some will flower in April. Grow them cool; it is useless to try to hurry them in a warm house. It will only mean weakened plants and more green aphis on them. When well rooted, feed freely. Such manures as Clay's fertilizer and Bon Arbor, alternated, are excellent. Fine bone also makes a useful medium for surface dressing. Either fumigate or spray once a week and your plants are sure to be clean.



D. Fuerstenberg.

Deutzias.

If the deutzias have been pot-grown they will flower in six weeks in an average night temperature of 60 degrees. If they were dug up and potted late in the fall they will neither break so freely nor flower so well. These and such shrubs as Spiræa Van Houttei, pyrus, prunus, forsythias, etc., need not be started yet for Easter. Some of these shrubs come into bloom quickly, notably the forsythias and prunus, and a month before Easter is sufficiently early to start them.

Schizanthus.

A last sowing of schizanthus should now be made. Do not place the seed in a warm house. It soon germinates, and if not kept all the time near the light will soon become drawn. It wants to be grown quite cool all the time and always without shade. Plants of earlier batches are better if pinched to keep them shapely. Of course, S. Wisetonensis is naturally a dwarf grower, but even this can be improved by judicious pinching. When well rooted they appreciate copious waterings, and liquid manure and a chemical top-dressing should be alternated every three or four days. The cooler the schizanthus is grown and the nearer the light, the stockier will it be. If grown cold, few stakes are needed. If grown too warm it needs considerable staking to keep it erect.

Larned, Kan.—The Larned Greenhouses are conducted by Joel Smith, florist, and Louisa Smith, designer. Another greenhouse, 30 x 130, is being built and will be used for a crop of vegetables this spring, to be followed by mums and carnations next season, for the demand grows steadily.

NEW IDEAS IN PRODUCTION.

The Florex Gardens, of North Wales, Pa., represent to the entire floral world new ideas in construction. Their monster house has been read about, wondered at, and visited by florists all over the land, even by visitors from abroad. The keynote of their idea, that the wide, flat house affords the greatest economy in construction, as demonstrated by the monster house that succeeded a slightly less monstrous house in four years, is known everywhere. Its height, length, width, every detail of construction is familiar to all well informed florists; they have wondered much, trembled a little; for these monster houses might reasonably be expected to distance them in economy of production. Gradually they have become accustomed to the existence of such houses. While interest is still keen, fear has vanished, just as the small craft float happily on the ocean beside the sister leviathan.

The new ideas in production that are being tried at North Wales are not generally known. No one, not even the active brains that control the destinies of the Florex Gardens, has attempted to give these ideas in detail. They are so interesting and so clearly defined that I shall attempt to describe them as they exist today, merely prefacing my description by saying that these ideas are the result of years of experiment at Edgely in addition to the few years that have elapsed since the commencement of the great place at North Wales.

The first idea governing production at North Wales is, "A flower for the million." This idea is clearly shown in the methods employed in the growing of roses, carnations, sweet peas and

snapdragon, as well as in the varieties selected. Perhaps the idea is most clearly brought out in the growing of roses. The fancy or special rose is discouraged; the shorter grades are desired—roses that are within the reach of buyers of moderate means at any season of the year. In the carnations this idea is shown in the varieties rather than in the methods of culture, while in sweet peas the cultural methods are as evident as in the roses.

The next idea, and one that is not generally understood even by those who have visited the Florex Gardens, is clearly shown in the monster house. This idea is that every rose should be an outside plant. To those accustomed to planting three, four or five roses in a row in each bed, this idea seems preposterous; yet it is feasible and most ingeniously carried into execution. In the first place it was decided that, while every rose plant must be an outside plant, there must also be exactly the same number of roses in the monster house that it would have held under the usual method of planting. To do this, each walk was narrowed two inches; between these walks the solid beds were made of just the width required for two rows of plants; the plants were set out in these beds in the same way that the spots appear on a "five" in playing cards. This will show how every plant becomes an outside plant, securing the largest possible amount of light and air. The beds are made two inches narrower than would ordinarily be the case, while the plants are kept from encroaching on the walks by two rows of galvanized wire running horizontally.

The roses grown in this monster house are Maryland, Richmond, Killarney, White Killarney, Bridesmaid and Bride.

The idea brought out most strongly in the second monster house, about one-half filled with carnations and the other half with sweet peas and snapdragon, is the planting of carnations in solid beds. This may be familiar to growers in certain sections of the country, but the principal growers in the neighborhood of New York, Chicago and Philadelphia are unanimous in favoring the raised bench. To see half a house, containing thousands of plants and hundreds of thousands of buds, all in solid beds, was unusual. The varieties grown are Enchantress, White Enchantress, Beacon, Winsor, White Star (an own seedling), Ruth (another seedling named for Mr. Bernheimer's little daughter), and Dorothy Gordon. The two last named were in another range of two houses, in raised benches.

The heating ideas in the North Wales power plant may be briefly summarized as centering in the battery of marine boilers and in the reducing valve. The great length of the marine boilers, it is asserted, makes them more economical than the return tubular boiler, while the reducing valve, whereby a pressure of forty, thirty or twenty pounds may be reduced to two, one or even one-half pound, solves the problem of heating the monster house.

There are, of course, other ideas of value and of deep interest now being evolved at the Florex Gardens, but these are sufficient to give an idea of what is being done in one of the largest establishments in the country, and will give food for thought to growers who are determined that their places shall stand second to none in the march of improvement. Phil.

GLASS MANUFACTURERS MEET.

A well attended meeting of glass manufacturers was held at Pittsburgh February 7 to 9, and the feeling expressed at that meeting was such that some sort of an arrangement is pretty sure to be instituted that will mean better returns for their product. With any one who thinks on the subject, it goes without saying that it is absolutely impossible for any window glass factory in the United States to sell 16x18's and 16x24's in carload lots at the rate of a little over 3½ cents per square foot, f. o. b. factory. They cannot do it. It has been demonstrated to them and they now seem ready to bury the hatchet on past performances and start anew with the hope of getting at least six per cent on their investment.

THE JOHN YOUNG PROPERTY.

The John Young property at Bedford Hills, N. Y., is well known to the trade. The first greenhouse built was 54 x 700 feet and was of the flat iron rafter construction. Three years ago another large house, 54 x 561 feet, of the King iron frame type, was erected, and later a house, 21 x 561 feet, of the same type, was built. The John Young Co., owner of this range, became financially embarrassed and the property was sold at public auction at White Plains, N. Y., December 29, 1911, on account of proceedings taken by Mr. Schenck, holder of the second mortgage, for $14,000, against the property. There were many judgments against the property, the largest of which was held by the King Construction Co., for about $10,000. The property was bought at this public sale by R. O. King, in the interest of the King Construction Co., for the sum of $37,100. The property was sold February 7 by Mr. King to Charles L. Roberts, of Basking Ridge, N. J., for $48,000. The property will be managed and the product sold by Messrs. Moore, Hentz & Nash, New York city.

FARMERS' WEEK AT CORNELL.

The Fifth Annual Farmers' Week at the New York State College of Agriculture at Cornell University, Ithaca, N. Y., will be held February 19 to 24. An invitation to be present is extended to everyone in any way engaged in tilling the soil.

The program includes a number of features of interest to florists, among them the following:

Tuesday, February 20, "Greenhouse Construction," an illustrated lecture by W. R. Cobb, of Lord & Burnham Co., New York.

Wednesday, February 21, "Greenhouse Construction and Heating," illustrated lecture by R. O. King, of King Construction Co., North Tonawanda, N. Y.

Thursday, February 22, "Filling Window Boxes," demonstration by C. E. Hunn.

Friday, February 23, "Opportunities in Floriculture for Men and Women," by Prof. A. C. Beal.

Friday, February 23, "The Aster and Its Culture," by George Arnold, Rochester, N. Y.

Friday, February 23, "Flowers as a Field Crop," by I. S. Hendrickson, Flowerfield, L. I.

Friday, February 23, "The Gladiolus as a Special Crop," illustrated lecture by Arthur Cowee, Berlin, N. Y.

Many other lectures also will be of interest, treating on spraying, nut culture, vegetable growing, etc., etc.

TO REPAIR CRACKED CISTERN?

Does anyone know of a cement or anything to calk a brick cistern that has cracked by freezing? Our cistern is twenty feet in diameter and six feet deep, built in barrel shape, built of brick laid in cement. The brick are laid the flat way and one ply, banked around by earth, but not covered. If you know of anything to repair the damage, please let us know as soon as possible. G. N. Garland.

Finleyville, O.

AMERICAN GLADIOLUS SOCIETY.

Public notice is hereby given that the following varieties of gladioli offered by John Lewis Childs, Floral Park, N. Y., have been registered by the Nomenclature Committee of the American Gladiolus Society:

Gladiolus Alaska, 1911; now offered for the first time; a pure white variety, having a strong constitution and producing a long spike of well formed flowers. This variety was exhibited at the convention of the S. A. F. at Philadelphia, in 1907, as No. 27, and was awarded a certificate of merit.

Gladiolus Silver Sheen, 1911; a fine white variety, the petals of which have the appearance of being overlaid with a coat of glistening silver; very fine and effective. A. C. Beal, Chairman.

FLORISTS BUYING GLASS.

During the last few weeks the popular sizes of greenhouse glass have been selling well below $2 per box, at the lowest prices on record. As a result, growers have taken round lots. Some of the recent sales reported by Sharp, Partridge & Co., Chicago, have been as follows: One car each to F. Dorner & Sons Co., La Fayette, Ind.; to Frank B. Smith's Sons, Danville, Ill., and to Andrew Peterson, Hoopeston, Ill.; two cars to the University of Illinois, Champaign, and four cars to E. G. Hill Co., Richmond, Ind.

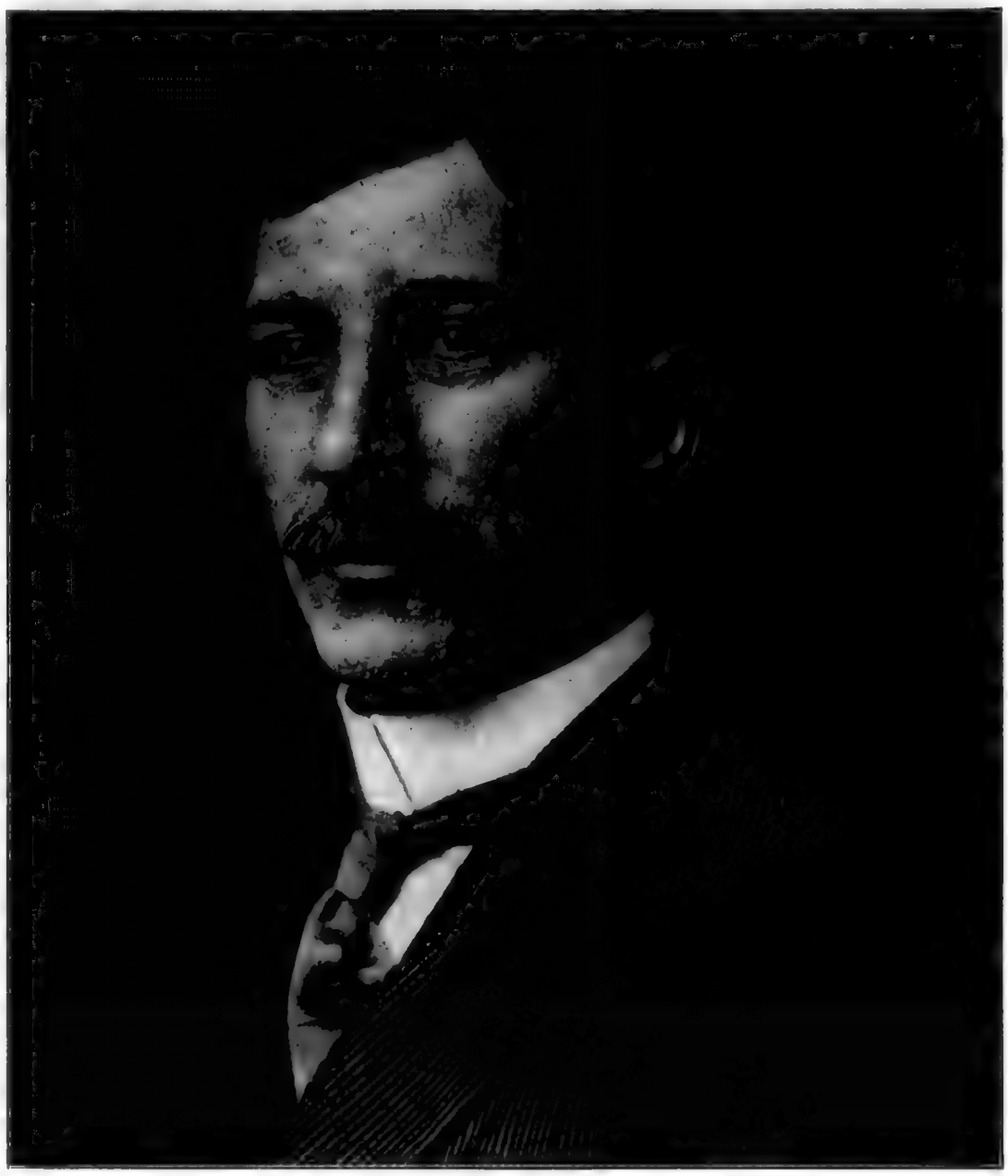
WHERE THE MONEY GOES.

The trade is interested in several provisions of the agricultural appropriation bill, which was reported to the house of representatives recently and will be taken up this week. These provisions include the following: $285,680 for the free seed distribution; also $1,425,850 for the general expenses of the Bureau of Plant Industry; over $5,000,000 for the forest service, nursery investigations, etc.; $290,000 for investigations and studies of soils; $624,880 for investigating and combating injurious insects; $100,000 for investigation and extermination of rodents and other animals that interfere with the horticulturist and agriculturist; $1,500,000 for horticultural experiment stations; $87,000 for enforcing the insecticide law. H. C. H.

Montpelier, O.—L. W. Franks announces that he is now out of the florists' trade.

PITTSBURGH CLUB'S NEW HEAD.

The new president of the Pittsburgh Florists' Club is E. C. Ludwig, who not only was a charter member of the club but is one of the oldest retail florists in that city, having been engaged in the business for over thirty-seven years. His principal place of business is at 710 East Diamond street, but he also has a stand in the North Side market. He is one of those who do with all possible energy anything that seems worth doing at all and, as he was an active candidate for the club presidency, it seems assured that he will not permit the strong interest now taken in the organization to abate at all during his term of office.



E. C. Ludwig.

OBITUARY.

John Bischoff.

John Bischoff, of Niagara Falls, N. Y., is dead, at the age of 46 years. A wife, one daughter and two sons survive.

A. R. Meserve.

A. R. Meserve, horticultural commissioner of Los Angeles county, died of heart failure at his home on Eagle street, Boyle Heights, Los Angeles, Cal., February 7. The deceased was 79 years of age and was active right up to the last, having been around the city attending to his duties only a day or two before his death. Mr. Meserve was father of the late Elmo R. Meserve, who died a few months ago, having been for many years a wholesaler in Los Angeles and a partner in the Los Angeles Flower Market.

The aged gentleman's business brought him in contact with practically everyone in the trade in the city and county of Los Angeles and all will feel his loss.

Mrs. John Burrows.

Aletta Iantha Morgan Burrows, wife of John G. Burrows, of Onset, Mass., passed to the higher life January 23. Mrs. Burrows was born in Pickton, Ontario, Canada, January 17, 1837. For several years Mr. and Mrs. Burrows lived at Fishkill, N. Y., where Mr. Burrows carried on business as a florist. Mrs. Burrows was beloved by all who knew her. Her health had been impaired for a long time. She was conscious to the last and shortly before leaving the physical body she made a request that the body in which she had dwelt whilst here should be cremated.

Thomas J. Totten.

Thomas J. Totten, of Saratoga Springs, N. Y., died February 6 at Daytona, Fla., where he went several weeks ago for his health. Mr. Totten was born at Saratoga Springs June 26, 1853, and had always lived there. He was educated in the local schools and at the Christian Brothers' academy in Albany. He was a Republican and had held the office of trustee. He was a member of the Royal Arcanum, all the Masonic bodies of the village and Oriental temple of Troy.

William Smith.

Dean of the nurserymen, and possibly richest in this world's goods, was William Smith, who died at his home in Geneva, N. Y., February 6. He was 94 years of age and reputed to be worth a million dollars. Born in Canterbury, Kent county, England, he came to America when he was 24 years old, without a dollar. Four years were spent at a number of temporary occupations and in 1846 he and a brother located in Geneva, acquiring twenty-five acres of land and founding what is now the W. & T. Smith Co. With painstaking care, close attention to detail and the most scrupulous square dealing, the business was built up until it is today one of the largest in the country. Mr. Smith became one of the leading men of the community, as he early was of the trade in which he engaged. He was one of the founders of the Standard Optical Co., the largest concern of its kind in the country, and was its president. He also was a director of the First National Bank and was interested in several other business enterprises. With increasing fortune and leisure he turned to science and philanthropy. Hobart College owes much to him, for he not only endowed it, in 1906, with $500,000, but it was his work that brought many of the strongest men to its faculty.

Columbus, O.—For the approaching centennial celebration an official flower is wanted and S. F. Stephens recommends the zinnia, offering to donate 1,000 packets of seeds to the Centennial Flower and Garden Club in case his suggestion is adopted.

OIL FOR FUEL

And How to Use It.

I noticed in The Review of November 30 an inquiry concerning the use of fuel oil for greenhouses on the Pacific coast. Kansas, where I am in business, is not on the coast, but the fuel oil produced here is similar to that of California, I am sure. I will therefore try to describe a burner which gives splendid satisfaction with us, and which can be used with a steam heating plant where the boiler pressure can work at twenty pounds or over.

The principle of the burner is the vaporizing and atomizing of the oil by a jet of live steam.

The burner is simple and can be made in the workshop with the tools found in almost every greenhouse plant.

For the ordinary steam tubular boiler of twenty horse-power or over it is best to have the burners set in pairs, and two of them will handle the oil for any size of boiler up to 100 horse-power.

To Make the Burner.

Take a section of ¾-inch pipe, eighteen to twenty-four inches long. Thread both ends. Provide a cap for the end called the nozzle end. In the center of this cap drill a hole just large enough to let a piece of ¼-inch pipe slip through. For the other end of the ¾-inch pipe provide a tee and screw the pipe into one end of it. For the other end of the tee provide a bushing, reducing from ¾-inch to ¼-inch.

Next take a piece of ¼-inch pipe and cut a thread on one end long enough so that the pipe can be screwed through the bushing from the inside, and project far enough outside so that an elbow can be screwed onto the threaded projecting end. This small pipe is for oil.

After getting the ¼-inch pipe threaded and through the bushing, a careful measurement should be made, and the pipe should be cut to such a length that when the bushing in which it is fastened is screwed into the ¾-inch tee the ¼-inch pipe will pass through the tee and the ¾-inch pipe and just come flush with the outside of the cap on the nozzle end of the ¾-inch pipe. This end of the small pipe would best be cut with a hack saw; or, if cut with a roller cutter, the end of the pipe should be reamed out just enough to remove the burred or crimped-in edge of the pipe, and the outside should be filed down smoothly and evenly all around and made small enough so that where it comes through the ¾-inch cap there will be a small space all around about the thickness of the point of a knife blade. This space is for the escape of steam from the ¾-inch pipe, which thus acts as a steam jacket to the ¼-inch pipe which conducts the oil.

About six or eight inches from the nozzle end of the burner three small holes should be drilled, an equal distance apart, around the ¾-inch pipe. These holes should be threaded and small screw bolts or set screws set in, projecting through and centering upon the ¼-inch pipe, thus gripping it and adjusting its position to an exact center in passing through the cap at the nozzle of the burner.

Setting the Burners.

The burner is now completed and only needs to be properly connected to begin its service. As previously stated, it is best on most boilers to provide a pair of these burners, although in small boilers, as well as in those of medium size, of the firebox type and with one furnace door, one burner would probably do the work satisfactorily.

Remove the doors and close up the openings with brick, leaving an opening about two and a half inches square, near the center, for the introduction of the burner.

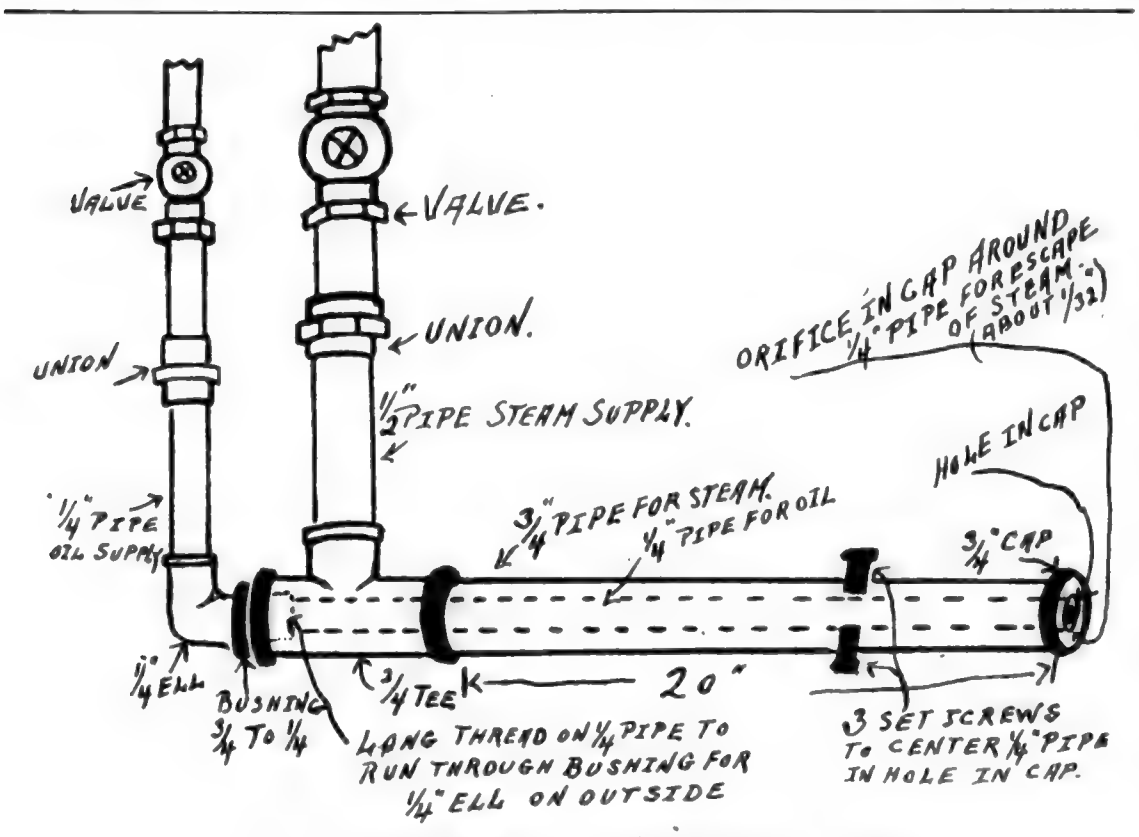
Before closing the fire-door opening the grates should be covered with some pieces of sheet iron, and on top of the sheet iron should be placed a few inches of ashes. Leave a space uncovered at the front edge, about six inches square, to supply air to the fire. These openings should be as nearly as possible directly under the nozzle end of the burner, which should project into the furnace or firebox far enough to come well over the front edge of the grate.

In setting the burners I think it well to pitch them slightly toward the center. This relieves the side walls of the furnace, and in case only one burner is being used, which often happens, the flame is better located.

Connecting the Burners for Steam.

In connecting up the burners we run a ½-inch pipe from the dome of the boiler to the front and down one side of the front of the boiler to a point on a level just below the flue doors, putting in a valve at a convenient height on this vertical section and screwing a tee vertically onto the lower end. Put a drain cock into the lower end of this tee, to drain the condensation from the feed pipe before starting the fire.

Into the side of this tee connect a line of pipe, running across the front of the boiler above the fire-door openings and connecting by means of tees and nipples with each burner. Each connection should have its own valve and a union between the valve and the burner.



W. H. Culp's Sketch of the Oil Burner He Uses.

Connecting for Oil.

The oil should come from a feed tank so set that gravity will run the oil to the burners; a height of four or five feet above the burners will do. A ½-inch or ⅜-inch pipe will do for the main feed pipe, which should branch to ¼-inch when near the burners. This main feed pipe should have a stop cock, and in addition there should be a ¼-inch valve for regulating the flow of oil to each burner, with a union between valve and burner. These oil feed pipes connect to the ¼-inch elbows on the back of the burners.

Setting the Feed Tank.

The feed tank may well be of galvanized iron, about 24-gauge and large enough to hold 100 gallons or a little more. It should be set where it will not get very cold; somewhere in the potting shed, overhead and near a steam pipe is a good place. The feed pipe should come from the side, about one inch from the bottom, and a drain cock should be set in below the feed pipe outlet, to drain off any water which may possibly accumulate in the tank.

The oil is pumped by a common tank hand pump from the oil reservoir into the feed tank. Our reservoir is made like a cistern and walled with cement, and is below the floor of one of our sheds.

Operating the Burners.

These burners, like all burners which use steam for vaporizing, will not work unless there is some steam for them to use. Therefore, after the boiler is once steamed up, it is well not to let the steam pressure get below five or ten pounds, unless another boiler is steamed up and may be called upon for a supply of steam to the burners; or a small auxiliary boiler can be used for a supply of steam till the steam in the main boiler is up.

When we close down our fires in the morning, which we usually do if the sun is shining and the weather will permit, we cut off the steam from the houses as soon as the boiler pressure gets down to about ten pounds. We close all drafts and dampers in the chimney and hold the heat in the furnace and boiler all day easily, and the steam pressure will stay around the 10-pound mark till time to fire up in the evening.

When we start the fire we usually run the pressure to the 20-pound mark or higher before turning the steam into the houses. We do this because we find the burners work better at twenty or twenty-five pounds than at a lower pressure. At the higher pressure the steam is hotter and will more perfectly vaporize and atomize the oil.

The Trick of Firing.

One of the great secrets of success with this burner is its adaptability. The hotter the fire you need, the hotter and higher the steam pressure you can carry. On some cold nights we carried thirty pounds and got results in the firebox that would be almost impossible with coal.

The burners should supply an almost white-hot flame, with no smoke, and the quantity of oil and steam should be so proportioned that enough steam is used to vaporize and atomize the oil properly without sufficient excess to act as an extinguisher to the flame.

A low lattice wall of fire-brick across the furnace, about three feet from the nozzle of the burner, is a good thing. It steadies the flame and also spreads it. These brick become extremely hot and their presence is a benefit in aiding the perfect combustion of the oil. Our lattice wall fell down after a few weeks and the top of the rough pile of fire-brick in the furnace seems to serve the same purpose. W. H. Culp.

NEW YORK CLUB MEETING.

There was an attendance of 125 at the meeting of the New York Florists' Club February 12, when R. Vincent, Jr., president of the S. A. F., gave a splendid address illustrated with the stereopticon. J. H. Pepper showed views of the Detroit conventions and J. A. Shaw showed views in Bermuda. C. H. Totty told of the preparations for the National Flower Show.

The following were elected to membership: H. M. Robinson, Boston; P. J. Foley, Chicago; Thos. W. Head, Bergenfield, N. J.; Wm. Macdonald and Wm. Muir, Yonkers; Arthur Buckholz, Woodside; G. F. Neipp, Chatham, N. J.; F. C. Read, Orange, N. J.; Herman Mende, Secaucus, N. J.; C. C. Trepel, Brooklyn; Robert Leach, Jersey City; J. C. Silbert, Paul Meconi and Jos. H. Vocke.

Proposals numbered twenty, as follows: Patrick Welch, W. N. Rudd, J. A. Valentine, W. F. Kasting, R. Vincent, Jr., W. R. Nicholson, F. W. Armitage, Max Richter, G. H. Mustoe, Wm. Setton, Frank Whitney, Peter Buerlein, Oscar Boehler, F. B. Abrahams, Julius Chevalley, B. A. Snyder, Geo. Cotsonas, Fred Smith, W. C. Otte and F. C. Scherer.

Chairman Kessler reported for the outing committee the selection of July 2 and Whetzel's. The dinner committee reported tickets selling fast for the anniversary banquet March 23. There were many other reports and much miscellaneous business, with many discussions, making the evening a full one.

The exhibits were as follows:

From A. J. Loveless, Lenox, Mass., Stocks Queen Alexandra, Empress Elizabeth and Princess Alice, awarded cultural commendation and certificate.

From H. B. McKnight, Newark, No. 2, a dark pink seedling carnation, cross of Victory and Winsor, given thanks of club.

From J. D. Cockcroft, Northport, L. I., Carnation Northport, scored 86 points, preliminary certificate.

From A. L. Miller, Brooklyn, particularly fine O. P. Bassett carnations, voted thanks of club.

From Frank Niquet, Patchogue, N. Y., Carnation Improved Enchantress, given thanks of club.

From C. H. Totty, Carnation Wodenethe, previously certificated.

From Cottage Gardens Co., Queens, No. 618, white seedling, awarded preliminary certificate.

From John F. Marsden, Far Rockaway, White Enchantress and Mrs. C. W. Ward carnations, given thanks of club.

From Henry Weston, Hempstead, N. Y., pink seedling, given thanks of club.

From Traendly & Schenck, Carnation Salmon Beauty, scored 88 points, preliminary certificate.

From F. E. Whitney, Fishkill, N. Y., sport of Winsor, given thanks of club.

From Charles Weber, Lynbrook, N. Y., Carnation Brooklyn, already certificated.

From A. Demeusy, Flatbush, Carnation White Wonder, given thanks of club.

From Peter Fisher, Ellis, Mass., Carnation Gorgeous, scored 90 points, preliminary certificate; Carnation Benora, scored 85 points, preliminary certificate.

From Wm. Tricker, Arlington, N. J., Lachenalia Nelsoni, voted thanks of club.

From John Lewis Childs, Floral Park, N. Y., alla Elliottiana, voted thanks of club.

From W. W. Mathews, Great Neck, L. I., reesia Purity, voted thanks of club.

Monday afternoon F. H. Traendly gave a dinner in honor of President Vincent, at Cavanagh's, thoroughly enjoyed by the nearly twenty who were present.

LOUISVILLE, KY.

Club Meeting.

Yellow is the color most affected by the 1912 debutantes in the world of roses, according to a talk delivered by S. S. Skidelsky at the monthly meeting of the Kentucky Florists' Association, held February 7, at 560 Fourth avenue.

Two new members were added to the association, bringing its total membership up to fifty. They were Miss Emma Baumer and M. Pontrich. Henry Fuchs was elected trustee of the association for a term of one year. The question of securing a permanent hall for the meetings was discussed, and several offers read, but no action was taken.

A spirited discussion followed the suggestion that the association endeavor to secure the 1913 convention of the Society of American Florists. After several speakers declared warmly in favor of the plan, and others were no less emphatic in demanding that all idea of securing the convention be abandoned, it was decided to hold the question open until the next regular meeting in March, which will be held at the establishment of Henry Fuchs.

.....BUSINESS AND OTHER NOTES.....

Bloomington, Ill.—George Callahan, formerly with the Phoenix Nursery, has gone into partnership with W. T. Hempstead.

Fargo, N. D.—C. Siebrecht, Jr., formerly manager of the Siebrecht Floral Co., at Winona, Minn., is now manager of the decorating department of Smedley & Co., in this city.

Sandpoint, Idaho.—W. L. Foster has completed one greenhouse, 21 x 100, and intends to erect two more houses during the coming summer. He will grow a general line of stock for the trade.

Independence, Mo.—In spite of the fact that the greenhouses, office and growing stock of the S. Bryson Ayres Co. were recently destroyed by fire, the firm is again in a position to fill orders promptly.

Hornell, N. Y.—C. G. James, of C. G. James & Son, announces that he is going into partnership with L. J. Brundage, of Dundee, N. Y., and that about April 1 the firm will begin the erection of 10,000 square feet of glass at Penn Yan, N. Y.

Middletown, O.—H. G. Behrens and G. A. Beckman have opened a store at 136 West Eighth street under the name of the Busy Bees Floral Co. They state that they will build a range of greenhouses in the spring.

Waukon, Ia.—Mrs. R. L. Van Nice, of the Van Nice Greenhouses, has purchased materials from the John C. Moninger Co. for another house. She has been growing and marketing vegetables and flowering plants for some years.

Bay City, Mich.—Martin Keit is preparing to put in new heating apparatus during the summer. He has about 20,000 feet of glass, heated by steam from a boiler in a pit, but the boiler has aged rapidly during the severe weather of the last few weeks.

Navesink, N. Y.—The will of Mrs. Elizabeth H. Latham, probated February 3, gives real estate worth $25,000 to William Do Vesty, who was her employee in the florists' business. The will says the bequest is made as a mark of appreciation of his long and faithful service.

Saco, Me.—The business conducted for some years on Beach street, near Laurel Hill cemetery, by George L. and James D. Mahoney has been sold by the Mahoneys to the Saco Flower Co., Frank Banigan, manager. Mr. Banigan has been connected with a similar business in Boston for many years. The Messrs. Mahoney will continue the branch of the business dealing in shrubbery, evergreen trees, etc.

Morristown, N. J.—R. A. Elliott reports good business. He has a grand lot of carnations.

Wappingers Falls, N. Y.—Joseph Jones & Sons are cutting quite freely on their carnations and keeping busy with the coal pile this cold weather.

Seguin, Tex.—The shipping season is on and H. L. Neal reports everyone working overtime. His whole force has been laid up with the grip, but the urgency of business will not permit of sickness.

Louisville, Ky.—Fire January 31 destroyed the building on Jefferson street in which the store of William Walker was located. The total loss was $50,000, to which the florist contributed between $2,000 and $3,000.

Syracuse, N. Y.—D. M. Edwards, president of the E. W. Edwards & Son dry goods store corporation, has built a range of greenhouses at 817 James street and states that they are to be used for commercial purposes.

Columbus, O.—A residence belonging to Frank F. Miller, of the Columbus Floral Co., and located on his farm on the Groveport pike, was totally destroyed by fire on the night of February 4. The dwelling was occupied by Paul M. Halbrooks, who manages the farm. The loss was estimated at over $3,000.

Brighton, Mass.—W. H. Elliott delivered an address at a recent meeting of the Holyoke and Northampton Florists' and Gardeners' Association, held in French hall, at the Agricultural College, Amherst. On the same day he also lectured before the class on floriculture, with "Commercial Roses" as his subject.

Middletown, N. Y.—J. Meiklejohn, formerly the decorator at the Cafe d'Opera and the Hotel Knickerbocker in New York, has opened a store at the corner of Wickham avenue and North street, and a branch in the Wallace block. Mr. Meiklejohn had a formal opening January 31 and presented his customers with handsome souvenirs.

Mancelona, Mich.—Henry Lesher, fern dealer, entertained his fern workers of the past season with a dance and banquet, February 7. The hall was decorated with evergreens, ferns, and streamers of pink, green and yellow. The dining room was decorated with evergreens and the tables with ferns and carnations. Covers were laid for sixty guests. All enjoyed the evening and hoped it would be an annual affair.

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G. L. GRANT, EDITOR AND MANAGER.

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SOCIETY OF AMERICAN FLORISTS.

Incorporated by Act of Congress, March 4, 1901.
Officers for 1912: President, R. Vincent, Jr., White Marsh, Md.; vice-president, August Poehlmann, Morton Grove, Ill.; secretary, John Young, Bedford Hills, N. Y.; treasurer, W. F. Kasting, Buffalo, N. Y.
Annual convention, Chicago, Ill., August 20 to 23, 1912.

Results bring advertising.
The Review brings results.

THE price of greenhouse glass continues extremely low.

MANY houses send only retail price lists to those who do not write on printed letter-heads.

THE Horticultural Society of Chicago has offered two silver and two bronze medals and one grand silver and one grand bronze medal for competition at the National Flower Show to be given in New York in 1913.

E. H. WILSON, of the Arnold Arboretum, Boston, has been awarded the Victoria medal of honor, a decoration never before conferred on any one outside of the British isles, because of distinguished services to horticulture.

WE are a hard people to please; our trade never is good in summer, and this winter has been too cold for brisk business. That's like the iceman who last winter complained that it was not cold enough to make ice and this winter laments that it is too cold to cut it.

L. MERTON GAGE, secretary of the American Gladiolus Society, is distributing Bulletin No. 4 of the society, consisting principally of the proceedings of the Baltimore meeting, with which is included the preliminary schedule for the exhibition to be held at Chicago in August. Those wishing copies should address Mr. Gage at Orange, Mass.

WHILE Bradstreet's comparisons of wholesale prices show most of the necessities of life to be at the high point of cost, building materials are an exception. Lumber is not much changed, but glass and pipe both are considerably cheaper than two years ago and some cheaper than in January, 1911. Bricks are higher, but nails, lime and cement are lower.

THERE has been another week of severely cold weather, general throughout the United States. For the greenhouse man long continued below-zero temperatures make more or less real the slang phrase about "everything goin' out and nothin' comin' in." This has been the hardest winter in many years, but, with all deference to the little animal that saw its shadow recently, it can not last much longer.

WELL posted jobbers of window glass predict that there will be a rather sharp advance in the market before the end of the present month. During the last few weeks greenhouse glass has sold at the lowest prices on record and there has been much unrest among the manufacturers, many of whom have been unable to operate their factories at prevailing prices. In spite of the great quantity of glass sold last year, much of which has not yet been used, florists all over the country have been buying in the last few weeks as heavily as ever before, in many cases taking advantage of the low prices to anticipate future needs. It is an old device to hasten buying by the prediction of an advance in prices, but this is an argument not heard for many months in the glass trade.

NOT a few subscribers save themselves the bother of annual renewal by sending The Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

NATIONAL SHOW SCHEDULE.

The preliminary schedule of plant classes and premiums has just been issued for the Third National Flower Show, to be held in the new Grand Central Palace, Forty-sixth street and Lexington avenue, New York, April 5 to 12, 1913. Embracing, as it does, including the American Rose Society's plant classes, a total of 273 classes, it is the most comprehensive schedule for plants ever issued for an American exhibition, with medals and money premiums sufficient to insure that the classes will be well filled.

The National Flower Show committee consists of Charles H. Totty, chairman, Madison, N. J.; W. P. Craig, Philadelphia; W. N. Rudd, Morgan Park, Ill.; J. A. Valentine, Denver; Thomas Roland, Nahant, Mass., and W. A. Manda, South Orange, N. J. The local governing board in New York consists of Frank H. Traendly, chairman; Harry A. Bunyard, Walter F. Sheridan, W. H. Duckham and Joseph A. Manda.

A complete schedule, which will include all cut flower classes of the American Rose Society, Carnation Society, Sweet Pea Society, Gladiolus Society, National Association of Gardeners, and kindred associations, will be issued in August, 1912.

Those wishing copies of the plant schedule, now ready, or information, should apply to John Young, secretary, 54 West Twenty-eighth street, New York.

CHICAGO.

The Great Central Market.

The latter part of the week ending February 10 was again severely cold, and the week, which had started with some increase in demand, gave an unsatisfactory result because of the dull business the last three days. The flowers in heaviest supply were those which require moderate temperatures for their satisfactory sale.

The present week opened with a rush of business for St. Valentine's day. February 14 has come to be a day that retail florists should reckon with; the demand has increased decidedly in each of the recent years, but the possibilities of the day are only beginning to be appreciated. The number of late orders by wire, both for cut flowers and for St. Valentine's day supply specialties, proved that many retailers had underestimated the demand. Both Monday and Tuesday there was a heavy shipping demand, and Tuesday and Wednesday local retailers bought freely. The call was for certain specialties. Everybody wanted red roses. Violets were the biggest seller, but pink sweet peas were in scarcely less request, and the call for orchids and valley was the heaviest known in weeks.

Unfortunately, St. Valentine's day demand did not affect the call for carnations to any appreciable extent. Several bright days, even if cold, have gone a long ways toward bringing on the carnation crops, and the supply in this department has become rather

We have a big crop of
CARNATIONS
Fancy Stock--All Colors

We are on with a cut of Carnations that is of importance to every buyer in the Chicago market. It solves all difficulties as to supply and price. The crop is so large that we are able to quote a lower price in spite of the fact that quality is right up to the best midwinter standard. All the leading varieties in each color. Now is the time to push Carnations. Glad to quote special prices on special quantities.

FANCY SWEET PEAS

Long-stemmed stock, all colors

These are fine Peas—no better ever were offered at this season of the year—the best winter-blooming varieties done to perfection. These Peas have made a hit the last two winters, and our growers increased the supply for this season. We ship fresh from the vines, putting the stock in your hands with all its first fragrance.

Beauties

We never are without Beauties. Your orders always will be filled if you send them here. A big cut of short Beauties now on.

Killarneys

The quality of our Killarneys is the talk of the town—and we have quantity, too, but most of them are select and special lengths.

VIOLETS

We handle the cream of the crops

Our Violets are not only the best in the market, but our supply is the largest. If you haven't tried our Violets, let us show you how good they are and what a nice profit you can make by pushing them.

Cattleyas

Our orchids are home-grown, and you always get your orders filled if you place them with us.

Fancy Valley

Fine Valley is something you need every day in the year. We always have it.

All Bulb Stock In Large Supply

FANCY GREENS ALWAYS ON HAND
We have a complete line—the best

Current Price List

ORCHIDS	Per doz.
Cattleyas	$5.00 @ $6.00
Dendrobiums	6.00

AMERICAN BEAUTY	Per doz.
Extra long stems	$5.00
Stems 30 to 36 inches	4.00
Stems 24 inches	3.00
Stems 15 to 20 inches	$1.50 @ 2.00
Short	per 100, $6.00 @ $10.00

ROSES	Per 100
White Killarney, special	$15.00
" " select	$10.00 @ 12.00
" " seconds	6.00 @ 8.00
Killarney, special	15.00
" select	10.00 @ 12.00
" seconds	6.00 @ 8.00
Richmond, special	15.00
" select	10.00 @ 12.00
" seconds	6.00 @ 8.00

Extra special roses billed accordingly.

CARNATIONS	Per 100
Common	$1.50 @ $2.00
Select, large and fancy	3.00 @ 4.00

MISCELLANEOUS	Per 100
Violets, New York double	$ 0.75
" single	.75
Easter Lilies	12.50
Callas, per doz., $1.50 @ $2.00	
Valley, seconds	2.00
" select	3.00
" special	4.00
Daisies	$1.00 @ 2.00
Sweet Peas	.75 @ 1.50
Paper Whites	3.00
Romans	2.00 @ 3.00
Mignonette	6.00 @ 8.00
Jonquils	3.00 @ 4.00
Daffodils	3.00 @ 4.00
Freesia	2.00 @ 4.00
Tulips	3.00 @ 5.00

DECORATIVE	
Asparagus Plumosus, per string	.50 @ .75
" per bunch	.35 @ .50
" Sprengeri "	.25 @ .50
Adiantum, fancy, long, per 100	1.00 @ 1.50
" medium "	.50 @ .75
Smilax, per doz.	$2.00 15.00
Mexican Ivy, per 1000	6.00 .75
Ferns "	2.50 .30
Galax "	1.25 .15
Leucothoe Sprays	.75

Store open from 7 a. m. to 6 p. m.
Subject to market changes.

E. C. AMLING CO.

The Largest and Best Equipped
Wholesale Cut Flower House in Chicago

68-70 E. Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central.

Fancy Cattleyas

FINEST IN THE LAND, $5.00 to $6.00 per doz.

Our Cattleyas should not be confounded with the ordinary stock found in the cut flower markets—**it is much finer** than what is ordinarily offered. Splendid, large flowers, highly colored—a quite superior quality. And we have quantity. We have many standing orders for regular shipments of these. Don't **you** want to place such an order?

LILIES
Giganteum Rubrum Auratum

There is no flower now in market that makes as big a show for the money as these Giganteums do. We can supply in thousand lots as easily as by the dozen. Glad to quote special prices on quantities.

CARNATIONS

We handle more Carnations than any other house in the west and do a very large shipping business with them because **the buyers know our stock will carry.** If you are not quite satisfied with the stock you are getting, it will pay you to write us about it. **Let us quote on quantities.**

VIOLETS
Princess of Wales Marie Louise Californias

We are able to supply all the popular varieties in quantity and the season of large crops, fine quality and low prices is here. From now till Easter is the best time for pushing Violets. You push them; we supply you.

WHITE LILAC

The only supply in the west. Extra fine stock. Can furnish at $1.50 per bunch.

FANCY FREESIA

This is **PURITY,** the long-stemmed, pure white Freesia, and it is fine.

SWEET PEAS

We can furnish nice, long-stemmed Peas in all colors.

VALLEY

Always headquarters for the finest cut Valley—any quantity.

A. L. Randall Co.

Everything for Florists, L. D. Phone Central 1496 Private Exchange all Departments **66 E. Randolph Street, Chicago**

Mention The Review when you write.

greater than the present demand calls for. Prices are weakening. Probably when the trade at large realizes what good carnations can now be had in quantity at moderate prices the demand will increase, but there is little likelihood of any shortage from this time on. There has been some complaint of lack of keeping qualities, but this seems likely to be remedied by a few days of moderate weather.

It is in roses that the only shortage exists. Beauties are scarce and none too good, but there is no extensive demand for these, though Valentine's day made a spurt. Short roses of all varieties are difficult to supply, but there is plenty of the high-priced grades. Sweet peas were scarce for a couple of days, but in general the supply is good. Following the St. Valentine's day special demand for violets there was a sharp reaction in the prices. Orchids continue abundant, with prices low. The best tulips are Klehm's Novelty, but some first-class yellows also are seen. A few Murillo are coming in, but are not yet what can be called good. Daffodils are more abundant. Bulb stock had a few days of better demand early in the week, but generally is rather overplentiful.

Mexican ivy is the green in greatest request. Almost everybody is using it, and for all sorts of work. It has made adiantum an unprofitable crop.

Various Notes.

The violet train, due at 8:45 Saturday evening, arrived at noon Sunday, and the train due Sunday evening got in so that delivery was made at 3 p. m. Monday. The wholesalers have had a great deal of trouble with shipping orders delayed by the non-arrival of the violets, but there has been no time up to February 13 at which the market was cleaned up.

Poehlmann Bros. Co. is doing business this week in its new store at 72 and 74 East Randolph street, second floor, one door east of the A. L. Randall Co. and the E. C. Amling Co. The new Poehlmann quarters have new fixtures throughout. The work was completed before the store was occupied, so that when removal was made it was accomplished during the noon hour Saturday. At 11 o'clock business ceased in the old store, and at 1 o'clock it began in the new place. The new store is 40x167 feet, one-third of the rear being double-decked. The new ice-box is 11x50 feet. The new zinc-topped tables are double width, so that sorters can work on both sides, handling the longest stock without interfering with each other. The office force has fine quarters across the front of the building. A private office has been fitted up for John Poehlmann, though those who know the activities of the president of the company consider it the one feature of the equipment which will have no use — he always is too busy selling to sit in an office.

Hans Yepsen is in Frances Willard hospital, where he underwent an operation February 9.

The Chicago Carnation Co. is getting estimates on material for two houses, each 50x300 feet, though it has not yet been settled that they will be built this season.

Frank Johnson, of the A. L. Randall Co., says they already have sold more

Carnations De Luxe

Largest blooms, longest stems, best keeping qualities and plenty of them.

Extra large, fancy	**$4.00 per 100**
Choice stock	**3.00 per 100**
Good stock	**2.00 per 100**

All seasonable Cut Flowers, Greens, etc., at lowest market prices.

Chicago Carnation Co.

A. T. PYFER, Manager

30 E. Randolph Street, :: CHICAGO

Mention The Review when you write.

MAGNOLIA LEAVES

$1.50 per hamper this week. (to Feb. 22)

We made this special introductory offer good only for the week of Feb. 1 to 8 and it brought a flood of orders. But not all were in time—every mail brings letters from those who say they would like to get in on this big bargain. So,

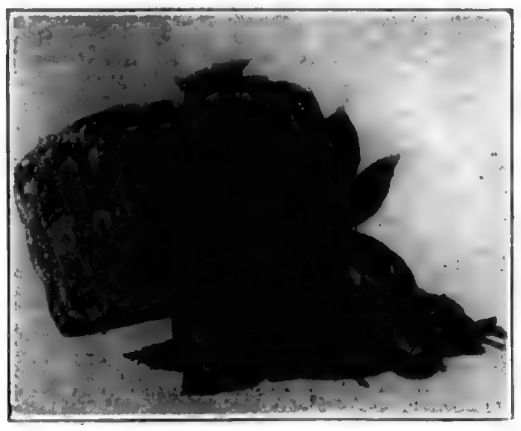
WE ARE REPEATING THE SPECIAL OFFER

to let everybody have another chance.

We are willing to stake our reputation on the quality of this stock. Probably all users of this now indispensable article know that there are as many qualities as there are salesmen, but **there are no finer Magnolia Leaves than these**—money won't buy better. We are selling them to the largest users and the most critical trade. Average 1000 leaves to the hamper. We are so sure they will suit you that we will ship anywhere on approval—send them back at our expense if you want to—but you won't.

Customers having orders for these goods placed with us for later shipment are invited to take advantage of this special offer by having the shipment go forward at once.

SPECIAL—We want to hear from buyers who can use 50 hampers or more a year. For these we have a very special contract proposition. Not necessary to ship all at once. Will make deliveries as wanted. Write today. **There's money in it.**



Green or Bronze
$1.50 per hamper
for one week only.

Order Now—Easter Goods, including Baskets, Ribbons, Crepe Paper, Mats, Pot Covers, etc., etc.

A. L. Randall Co.

Everything for Florists, L. D. Phone Central 1496 Private Exchange all Departments **66 E. Randolph Street, Chicago**

Mention The Review when you write.

PERCY

Not the Oldest
Nor the Largest
Just the Best

56 E. Randolph Street
CHICAGO

JONES

Mention The Review when you write.

WESTERN ORCHIDS

Chas. W. McKellar, 162 N. Wabash Avenue, CHICAGO

Headquarters

CURRENT PRICES

ORCHIDS

Cattleyas, Trianae	Per doz.,	$ 4.00 @	$ 5.00
" "	Per 100,	30.00 @	35.00
Dendrobium Formosum, white	Per doz.,	5.00 @	6.00
Boxes assorted Orchids, $5.00 and up.			
AMERICAN BEAUTY—Specials,	Per doz.,		5.00
36-inch	"		4.00
30-inch	"		3.00
24-inch	"		2.50
20-inch	"		2.00
15 to 18-inch	"		1.50
Shorter	"	.75 @	1.00
Killarney	Per 100,	5.00 @	12.00
White Killarney	"	5.00 @	12.00
My Maryland	"	5.00 @	12.00
Richmond	"	5.00 @	12.00
ROSES, our selection	"		5.00
" extra special, select	"		15.00

CARNATIONS

Select	Per 100,		2.00
Fancy	"		3.00

MISCELLANEOUS STOCK

Stocks, single	Per bunch,		1.00
" double	"	1.00 @	1.50
Snapdragon	"	1.00 @	1.50
Gardenias	Per doz.,	3.00 @	4.00
Valley	Per 100,	3.00 @	4.00
Easter Lilies	"	12.50 @	15.00
Violets, double		.50 @	.75
" single		.50 @	.75
Sweet Peas		.75 @	1.50
Paper Whites		3.00 @	4.00
Romans		3.00 @	4.00
Mignonette		6.00 @	8.00
Jonquils			3.00
Tulips		3.00 @	4.00
Daffodils		3.00 @	4.00

DECORATIVE

Asparagus Plumosus	Per string,	.50 @	.60
Asparagus Plumosus	Per bunch,	.30 @	.50
Asparagus Sprengeri	"	.25 @	.50
Adiantum	Per 100,	.75 @	1 00
Farleyense	"		12.00
Smilax	Per doz., $1.50 @ $2.00		
Mexican Ivy	Per 1000, 6 00 "		.75
Ferns	" 2.50 "		.30
Galax, green	Per 1000,		1.00
" bronze	"		1.00
Leucothoe	Per 100,		.75
Wild Smilax	Per case,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Subject to market changes

ORCHIDS—SPECIAL

We have an unusually large and fine supply of that splendid orchid, Cattleya Trianae. Can supply any quantity.

CHAS. W. McKELLAR
162 N. Wabash Avenue, CHICAGO

magnolia leaves in 1912 than in all of 1911.

W. P. Kyle, of Kyle & Foerster, has his wife home from the hospital, her progress having been rapid since her operation, a little over two weeks ago.

N. J. Wietor says that his firm will propagate enough Bonfire carnation to fill a big house for next season.

C. W. McKellar reports the arrival of the first stocks February 10.

John Zech and daughter are contemplating a trip to New Orleans next week for the Mardi Gras.

Mrs. Lewis H. Winterson, who was reported in last week's Review as having been operated on February 7, has made splendid progress and her complete restoration to health is expected.

Winterson's Seed Store reports a carload of cannas on the way from Arthur T. Boddington, New York, due February 15.

Always mention the Florists' Review when writing advertisers.

BEAUTIES, ROSES, CARNATIONS

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Extra long	$5.00
36-inch stem	4.00
30-inch stem	3.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.25
Short stem	$0.75 @ 1.00

Perle	Per 100
Special	$10.00
Select	8.00
Medium	6.00
Short	5.00

Richmond		Per 100
Special		$12.00
Select		$8.00 @ 10.00
Medium		6.00
Short		5.00
Killarney	Special	12.00
White Killarney	Select	8.00 @ 10.00
Mrs. Field	Medium	6.00
Maryland	Short	5.00

Sunrise	
Special	10.00
Select	8.00
Medium	6.00
Short	5.00

ROSES, our selection, $5.00 per 100.

	Per 100
CARNATIONS	$2.00
Fancy	3.00
Harrisii	per doz., $2.00
Sweet Peas	$0.75 @ 1.25
Paper Whites	3.00 @ 4.00
Romans	3.00 @ 4.00
Tulips	3.00 @ 4.00
Valley	3.00 @ 4.00
Violets	.75 @ 1.00

	Per 100
Adiantum	$ 1.00 @ $ 1.50
Asparagus, sprays	2.00
" strings	60.00 @ 75.00
" Sprengeri	2.00
Smilax	per doz., $1.50 @ $2.00
Ferns	per 1000, 2.50
Mexican Ivy	.75
Galax, green or bronze	per 1000, 1.00
Leucothoe	.75
Boxwood	bunch, 25c

Subject to change without notice.

PETER REINBERG

35 E. Randolph Street, L. D. Phone Central 2846. **CHICAGO**

Mention The Review when you write.

After spending several weeks in Chicago and vicinity, Sydney B. Wertheimer left for the east February 13.

George Asmus, who has been manager of the Chicago flower shows for years, will act in that capacity again for the spring show. He will open downtown offices this week. Instead of competitive classes for retail florists, the Horticultural Society has decided on non-competitive awards and placed the matter in the hands of a special committee. A class for the best display of sweet peas has been added to the premium list, with $10 for first prize and $7 for second. The final premium list is on the press and will be put in the mails this week. Advance information as to the extent of exhibits in the show will be greatly appreciated by the manager, as he has no experience on a spring show to guide him in anticipating space requirements.

W. N. Rudd will address the Detroit Florists' Club February 19. His topic will be "Where Some of Us Are Lame." No trouble at all telling who picked out that title.

Weiland & Risch thought they had enough fuel on the place to carry them through the season, but because of the severe weather they are this week taking in ten additional carloads.

A. L. Vaughan says that the tulips in demand are Couronne d'Or and Novelty, though there was a call for red before Valentine's day.

The Chicago Flower Growers' Association says that New Orleans customers are being heard from with orders for stock for Mardi Gras, which comes at the opening of next week. The shipments will go out Friday, Saturday and Sunday.

NOTICE

NEW YORK Consignments Solicited **BOSTON**

Our new store, 46 West 26th Street, New York City, is now open with a full line of Cut Flowers from the very best growers. Our specialties are:

Roses, Aaron Wards, Waddells, Tafts, Cardinals, Killarneys, Marylands, Richmonds and Beauties.

Carnations, all standard varieties; Jonquils, Narcissus, Paper Whites, Hyacinths, Valley, Violets, Orchids, Gardenias, Easter and Calla Lilies. We are in an excellent position to fill orders at a moment's notice. Our motto is "A square deal to both retailer and grower." Our shipping facilities are unsurpassed, as we make a specialty of shipping flowers to all parts of the United States and Canada. We strive to please. A trial order will convince you. A full line of Florists' Supplies and Hardy Cut Evergreens always on hand. Best quality, lowest prices and prompt service. Write, wire or telephone.

Henry M. Robinson & Co.

Wholesale Commission Florists, Dealers in
Hardy Cut Evergreens.
Importers and Manufacturers of Florists' Supplies.

46 West 26th Street, New York City

Mention The Review when you write.

January 9 M. C. Gunterberg lost her uncle, A. M. Gunterberg, and February 11 his daughter, Clara, died. She was 20 years of age. The mother is left alone in the world.

C. A. Samuelson says that since Christmas he has had about as good a run of funeral work as he ever has known. Most of his business comes over the telephone, and the severely cold weather has not been nearly so important as the scarcity of roses.

Two candidates have developed to contest with Peter Reinberg for the

Willow Bowl-shaped Handle Basket



A basket that will appeal to the heart of every true florist at once because of its numerous possibilities is seen in the illustration at the left. The mere sight of this basket (which is finished in Blue Antique, also Havana Brown and Natural Willow) suggests a nest for Scotch heather ornamented with dainty ribbon, or for genistas and daffodils.

This basket can be used charmingly for plants or flowers. One of the many attractions is the handles beginning an inch or so below the top rim—rather out of the usual.

The Rice Standard in baskets is the best, as in all other florists' supplies.

See our offer on page 25

Plain Willow

No. 31889/0	per doz.,	$3.50;	per 100,	$25.00
No. 31889/00	per doz.,	4.00;	per 100,	30.00
No. 31889/1	per doz.,	4.50;	per 100,	35.00
No. 31889/2	per doz.,	6.50;	per 100,	50.00
No. 31889/3	per doz.,	7.50;	per 100,	60.00
No. 31889 4	per doz.,	9.50;	per 100,	75.00

Colored or Antique

No. 31889/0	per doz.,	$ 4.75;	per 100,	$ 35.00
No. 31889/00	per doz.,	6.00;	per 100,	37.50
No. 31889/1	per doz.,	6.50;	per 100,	50.00
No. 31889/2	per doz.,	8.50;	per 100,	65.00
No. 31889/3	per doz.,	10.00;	per 100,	79.00
No. 31889/4	per doz.,	13.50;	per 100,	100.00

M. RICE & CO., 1220 RACE ST., PHILADELPHIA, PA.

MANUFACTURERS IMPORTERS ORIGINATORS

THE LEADING FLORISTS' SUPPLY HOUSE AND RIBBON SPECIALISTS

Mention The Review when you write.

KLEHM'S NOVELTY TULIPS

and every other flower.

What anybody else has, we've got. All flowers in season, billed at Chicago market rate day of shipment.

KENNICOTT BROS. CO.

163 N. Wabash Avenue **CHICAGO**

Mention The Review when you write.

Democratic nomination for alderman in the Twenty-sixth ward.

The Alpha Floral Co., recently in the public eye through the dissolution of the partnership between Frank Williams and George Economopoulos, has been incorporated with $5,000 authorized capital stock. The incorporators named are Frederick P. Read, an attorney, and his office associates.

Bassett & Washburn say February 12 was the busiest day they have had since Christmas.

Kennicott Bros. Co. has ordered another ice-box, which will make three.

A new concrete wall has supplanted the old wooden boarding along the east end of the Wittbold greenhouses at Edgebrook. While doing the work, Otto Wittbold offered encouragement to the proposed Edgebrook-Morton Grove road by cutting off the northeast corner of the houses to allow the required space between the range and the railroad. Stock is in fine shape and Mr. Wittbold says the occasional day or two of warmer weather is helping to move it more rapidly.

J. E. Hauswirth, who needs no introduction to the Chicago trade, now is right-hand man for Leopold Koropp. Assisting him in looking after the store is Miss Odell, a newcomer in the florists' field.

Increasing business has required doubling the office space at the Foley factory. Mr. Foley states that he has installed an electrical blue print machine, so he is no longer dependent on the sun.

A carload shipment of Kroeschell heating apparatus for the Pacific coast recently included a large boiler for the Spokane parks and another for W. J. Palmer, of Kelowna, B. C.

Visitor: A. E. Viaud, representing P. L. Carbone, Boston; Charles Pahud, Indianapolis; E. E. Stewart, Rives Junction, Mich.

Monticello, Ind.—C. S. Switzer, of the Monticello Floral Co., is preparing to build another greenhouse, for vegetables and chrysanthemums.

The Chicago Flower Growers Association

WHOLESALE GROWERS of CUT FLOWERS and PLANTS

L. D. Phone Randolph 5449 176 N. Michigan Ave. Chicago

OTTO W. FRESE, General Manager.

Pre-Lenten Offerings

Extra fancy Valley.....$3.00 per 100

Fancy Cattleyas.....$4.00 to $6.00 per doz.

Finest Double Violets.....$1.00 per 100
(Home Grown)

Extra fine Princess of Wales, Single Violets..... 1.00 per 100

Large California Violets ..... .75 per 100

New York Double Violets .....60c to 75 per 100

Short and medium Roses are in steadily increasing supply.

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.
Subject to market changes.

CURRENT PRICE LIST

Grade	A	B	C	D	E	F	G
Beauties .....doz.	$ 5.00	$ 4.00	$3.00	$2.50	$2.00	$1.50	$1.25
Killarney 100	12.00	10.00	9.00	8.00	7.00	6.00	5.00
White Killarney 100	12.00	10.00	9.00	8.00	7.00	6.00	5.00
Maryland 100	12.00	10.00	9.00	8.00	7.00	6.00	5.00
Richmond 100	12.00	10.00	9.00	8.00	7.00	6.00	5.00
Maids.....100	12.00	10.00	9.00	8.00	7.00	6.00	5.00
Brides.....100	12.00	10.00	9.00	8.00	7.00	6.00	5.00
Carnations.....100	3.00	2.00	1.50	.....	.....	.....	.....
Cattleyas .....doz.	8.00	5.00	4.00	.....	.....	.....	.....
Valley 100	3.00	2.00	1.50	.....	.....	.....	.....
Lilies.....100	12.50	10.00	.....	.....	.....	.....	.....
Callas .....doz.	2.00	1.50	.....	.....	.....	.....	.....
Paper Whites.....100	4.00	3.00	.....	.....	.....	.....	.....
Mignonette.....100	6.00	4.00	.....	.....	.....	.....	.....
Violets, P. of Wales ...100	1.00	.75	.....	.....	.....	.....	.....
" single or dbl..100	.75	.50	.....	.....	.....	.....	.....
Sweet Peas 100	1.00	.75	.50	.....	.....	.....	.....
Daisies.....100	1.00	.75	.....	.....	.....	.....	.....
Jonquils 100	4.00	3.00	.....	.....	.....	.....	.....
Romans.....100	3.00	2.00	.....	.....	.....	.....	.....
Tulips.....100	4.00	3.00	2.00	.....	.....	.....	.....
Smilax.....100	16.00	12.50	.....	.....	.....	.....	.....
Plumosus.....100	4.00	3.00	2.00	.....	.....	.....	.....
Sprengeri.....100	3.00	2.00	.....	.....	.....	.....	.....
Adiantum.....100	1.00	.....	.....	.....	.....	.....	.....
" Croweanum 100	1.50	.....	.....	.....	.....	.....	.....
Galax.....per 1000	1.00	.....	.....	.....	.....	.....	.....
Ferns.....per 1000	2.50	.....	.....	.....	.....	.....	.....
Wild Smilax.....50 lb.	5.00	.....	.....	.....	.....	.....	.....
Mexican Ivy.....100	.60	.....	.....	.....	.....	.....	.....
" 1000	5.00	.....	.....	.....	.....	.....	.....
Boxwood.....bunch	.25	.....	.....	.....	.....	.....	.....
" .....50-lb. case	6.00	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....

Mention The Review when you write.

KANSAS CITY.

The Market.

Roses are rather scarce. Carnations are plentiful in all colors. Narcissi are in good supply. Romans are good and the supply is plentiful. Orchids are good and plentiful. Tulips are now coming in. A few Dutch hyacinths are now to be seen. Violets are plentiful, but the demand is light. Blooming plants sell well and are in good supply. Sweet peas are plentiful, but the stems are not as long as last year.

Various Notes.

Arthur Newell is preparing to open a store at the northeast corner of Tenth street and Grand avenue, which is one of the best locations in this city. The store has four large, long show windows, providing the best means of display in the city. The floor of these windows will be white tile and the whole interior will be finished in white enamel. Mr. Newell says that he will spend about $2,000 in fitting up this place. He has a five-year lease on it. We wish him success in his new location.

Mr. Stevens, head grower for W. H. Sawvel, has entered into partnership with two neighbors and the three will at once build three greenhouses, 27½x200 feet. They will be built on Mr. Hipton's farm, across the road from Mr. Sawvel's place. Broken stone is already on the ground. The walls will be of concrete. The J. C. Moninger Co., Chicago, has secured the contract for the material. Work is to commence at once and be completed in time for the carnations, to which the entire plant will be devoted. Getting water to this place will be the greatest task.

A visit to W. H. Sawvel's greenhouses found everything in fine shape except his roses, which are off crop for the present. His carnations are among the best that are grown. He has no trouble in disposing of them and can not supply the demand, as the stems and blooms are extra large. He is now rooting large quantities of carnations for next year, as the whole plant will probably be devoted to carnations and greens. His sweet peas are extra fine and in full bloom. Lilies are grown here in large quantities; some are in bloom and others are timed for Easter. He finds a ready sale for all that he grows at 12½ cents a bloom. His bulb stock is in fine shape. He had a narrow escape from a water famine in the last severe cold spell, as the creek from which the supply was taken froze up almost solid.

IN ANY QUANTITY

MEXICAN IVY

A trial order will convince you of the merits of this increasingly popular green. We handle immense quantities fresh from the pickers.

Write for Our Quotations on This Stock in Quantity

CREUTZ & CO., 403 W. Eighth St., LOS ANGELES, CAL.

Mention The Review when you write.

PLANT FERNERIES

A distinctive Rice suggestion. An Ideal Fernery for table, store or window. Makes an excellent Easter gift filled with blooming flowers.



Made of willow and has pan lining, finished in that beautiful Antique Blue and Havana Brown. Large twist handles give it a massive effect that will add to the looks of your plants.

Round—Diameter, 8 in.; depth, 5 in. Diameter, 9 in.; depth, 6 in. Diameter, 10½ in.; depth, 6½ in.
Oval—Length, 10 in.; width, 7 in.; depth, 5 in. Length, 12 in.; width, 8 in.; depth, 6 in. Length, 15 in.; width, 9 in.; depth, 7 in.
Oblong—Length, 10 in.; width, 6 in.; depth, 5 in. Length, 13 in.; width, 7 in.; depth, 6 in. Length, 16 in.; width, 9 in.; depth, 7 in.

Price per nest of three, $3.50, including pan linings

Get your order in today for this Rice Leader. **See page 37 for another Rice Easter Leader.**

M. RICE & CO., 1220 Race St., PHILADELPHIA, PA.

Mention The Review when you write.

Shipping Orders

We grow Beauties, Roses, Carnations, Valley, etc., and ask a share of your trade, knowing that our stock, our prices and our prompt attention will compare favorably with what you are accustomed to. Why not send us today's order?

Batavia Greenhouse Co.

Greenhouses: Batavia, Ill. **L. D. Phone 2995 Randolph** **Store: 30 E. Randolph St., CHICAGO**

Mention The Review when you write.

Violets seem to be plentiful this winter. The Flower Shop, on Eleventh street, had one-third of the show window devoted to a violet display.

The window of the Rock Flower Co. has recently contained a rich display. Orchids and valley were the leading features. Their decorators are kept quite busy throughout the city.

Ed D. Ellsworth is doing a good business. His early daffodils are fine. His Easter lilies look promising. He is making great preparations for Easter. His spiræas, lilacs and roses are in fine shape. An extra fine lot of hydrangeas in bud are coming in on time for Easter. Mr. Ellsworth has two oil burners in his boilers; he burns the black oil as fuel, paying 2 cents a gallon for it, and states that it costs him about one-half what coal would cost.

H. Kusik, the wholesale commission man, has worked up a splendid trade. He can not supply the demand. At times most of his stock is gobbled up as soon as the express company delivers the shipment. Mr. Kusik is now reaping the benefits of the long looked-for house of this kind. He gets the most of his stock from J. F. Wilcox, Council Bluffs, Ia.

The Geo. M. Kellogg Flower & Plant Co. had the best window display last week that has been shown on Grand avenue for some time. Primroses, cyclamens and azaleas were chiefly used. This window looked good enough for Easter.

D. Freudenthal has been quite busy with funeral work during the last week. He is going to have two new neighbors, the Rock Flower Co. on the south side of his place and Arthur Newell on the north side. This makes six flower shops on Grand avenue now.

W. H. H.

Roscoe, Ill.—The Roscoe Floral Co. has a carnation support of home invention and manufacture that is thought highly of by many who have seen it.

Buffalo, N. Y.—Mrs. William Scott has announced the marriage of her daughter, Helen Christine, to Isaac Courtland Kantrowitz, on Monday, February 5.

CARNATIONS

Order all you need—no question of our ability to fill your order, for our spring crop is on. All colors. Fine quality.

Fancy Tulips

We have the finest Tulips of the season—a large supply. "Novelty" and Couronne d'Or, at $5.00 per 100. Other colors and varieties at $3.00 to $4.00.

Jonquils-Daffodils

Can supply fine stock in quantity.

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Special, long	$5 00
36-inch	4.00
24 to 30-inch	3.00
18 to 24-inch	2.50
15 to 18-inch	2.00
12 to 15-inch	1.50
8 to 12-inch	1.00

ROSES	Per 100
Richmonds	$ 6.00 @ $15.00
Killarney, white, pink	6.00 @ 15.00
My Maryland	6.00 @ 15.00
Brides or Maids	6.00 @ 15.00
Roses, our selection	6.00

MISCELLANEOUS		
CARNATIONS, common		2.00
" fancy		3.00
" extra fancy		4.00
Orchids....per doz., $4.00 @ $6.00		
Easter Lilies	12.50 @	15.00
Callas	12.50 @	15.00
Valley	3.00 @	4.00
Violets	.50 @	1.00
Paper Whites	3.00 @	4.00
Romans	3.00 @	4.00
Sweet Peas	.75 @	1.50
Tulips	3 00 @	5.00
Jonquils	3.00 @	4.00
Daffodils	3.00 @	4.00

GREENS		
Adiantum	.75 @	1.00
Asparagus Strings, each, 75c		
Asparagus Bunches, " 25c @ 50c		
Sprengeri Bunches, " 25c @ 50c		
Smilax.....per doz., $1.50 @ $2.00		
Galax .....per 1000, 1.00		
Ferns ..... " 2.50		.25
Boxwood.....50-lb. cases, 7.50		

A. L. VAUGHAN & CO.

Successors to VAUGHAN & SPERRY

159 N. Wabash Ave. Long Distance Phone 2571 **CHICAGO**

Mention The Review when you write.

DENVER.

The Market.

Trade is not at all steady. Some days it makes a spurt, then it slows down, and it keeps one constantly guessing what it is going to do next. There have not been many funerals, and consequently the accumulation had to be dumped, causing a heartache now and then, but, taken as a whole, the growers cannot complain about stock that has been consigned to the dump, for all season it has been barely noticeable.

Tea roses continue to be scarce, although the crisis has passed and we look for improved conditions shortly. Beauties are also scarce, although the crop is improving right along.

Carnations have been a little in excess of the demand, but there has not as yet been any great glut. Prices have remained steady, there being no legitimate reason for cutting. McKinley day passed by without any extra demand for carnations.

Violets are selling well, and the growers are ready with an extra amount for Valentine's day. There is an abundance of daffodils, but many of them are of an inferior grade.

Club Meeting.

The Colorado Florists' Club had another interesting meeting Monday evening, February 5, at T. M. A. hall. William Horlacher read a paper on "Seeds, Plants and Cut Flower Growing Near the Mediterranean," which was enjoyed by all. Mr. Horlacher visited in Europe years ago, and told of his experiences and the impressions he received at that time, and what he looks for in the future.

Several eastern concerns shipped novelties which were exhibited. F. Dorner & Sons, of La Fayette, Ind., sent some Rosette carnations. From the E. G. Hill Co., Richmond, Ind., came the new rose, Sunburst. A. N. Pierson, Inc., Cromwell, Conn., shipped Killarney Queen and Double White Killarney; also some Asparagus Hatcheri. These two roses came through in excellent condition and were much admired. Peter Fisher, of Ellis, Mass., sent blooms of Carnation Benora, also Gorgeous, and it was surprising to note their perfect condition after being cut six days.

Claude E. Cartwright and S. R. Lundy were elected to membership. Applications were received from August Cassier and Verner J. Davis, of Denver, and E. Randall Bierbauer and C. U. Fohn, of Colorado Springs.

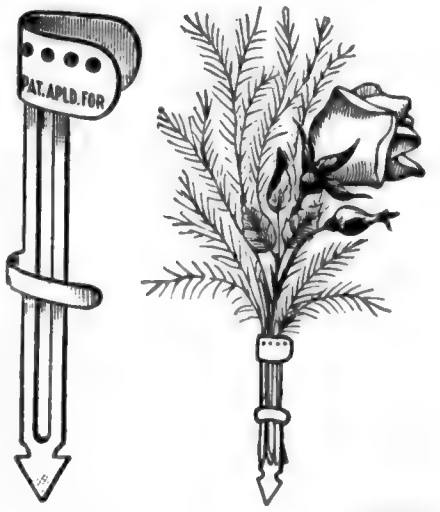
The entertainment at the next meeting is in the hands of Charles A. Benson, Will Wilmore and William Horlacher.

Various Notes.

Emil Glauber is bringing in some extra select Killarney and White Killarney.

The Elitch-Long Greenhouses are fortunate in having at this time a good supply of fine Beauties. It is needless to say they find a ready market.

The flower stand in the Dutch Mill is now in possession of Miss Jane Pearse. Mr. Cooper found it too much to handle in addition to his main store, and has leased his fixtures to



BEHRE'S IMPROVED MODEL

STEM-ER

Patent applied for.

A time-saver to the extent of lessening over 50% of the labor, together with the grace in which the leaves and flowers can be set by the firm hold the Stemmer has upon them, **making them an article of perfection.** They are now being used by leading designers.

This is what E. Woerz, of Enid, Okla., thinks of my Stemmer: "Please ship at once 5000 Stemmers; I am out and cannot get along without them. Yours truly, Eugene Woerz."

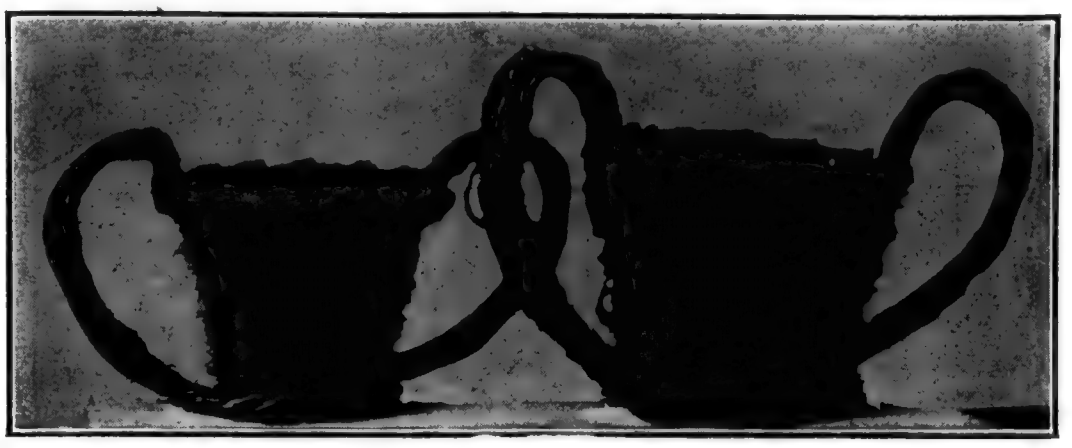
Prices: From 1000 to 5000 at 75c per 1000; 10,000 lots at 70c; 25,000 lots and over at 65c. At your dealer's or direct from the factory.

E. H. BEHRE, Madison, N. J.

Mention The Review when you write

Natural Twig Pot Covers

Have a look at this "Rice" Beauty. Known as the Loving Cup plant basket or pot cover. There is a large demand for this style, thus showing the selling qualities of the basket.



No. 2017.

Made of natural twigs, the effect is heightened by the odd side handles.

Can be used as a plant basket or, filled with blooming flowers, it makes a stunning Easter gift.

Can be had in natural twig or in blue antique—either color harmonizes well with any plants or flowers.

	Length	Width	Depth	Price, per piece
No. 2017/2	8 inches	8 inches	6½ inches	$0.75
No. 2017/3	10 inches	10 inches	9 inches	1.00
No. 2017/5	12 inches	12 inches	10 inches	1.25

See page No. 29, for another Rice Easter Leader.

M. RICE & CO.

1220 Race Street, PHILADELPHIA, PA.

Mention The Review when you write.

Miss Pearse, who will carry on a regular florists' business, handling both plants and cut flowers and doing general design work.

The representatives of several eastern firms made this city their headquarters for a few days last week. Those who called on the trade were: A. Zirkman, of Rice & Co.; John Bubach, of Lion & Co.; M. Reukauf, of Bayersdorfer & Co., and J. J. Karins, of Henry A. Dreer.

While running his automobile about two weeks ago, Emil Glauber collided with a street car. His machine was badly damaged and has just come out of the repair shop. Mr. Glauber feels that the tramway company is to blame for the accident, and will try to prove his statements so that he can claim damages.

Visitors: T. J. Warren, Fort Collins; A. Gardner, Greeley; Ed Johnson and John Berry, Colorado Springs.

M. R. J.

ST. PAUL, MINN.

With more than $3,000 already in the guarantee fund, the promise of cordial coöperation from Minneapolis florists and a pull-together spirit at home, the St. Paul Florists' Association, at its semi-monthly meeting, was greatly encouraged in its plans for the great flower show in the Auditorium next November.

An executive committee was appointed, consisting of L. L. May, O. R. Eckhardt, E. W. Reid, O. J. Olson and A. C. Hansen. The premium committee is made up of L. L. May, Max Kiser and O. J. Olson, of St. Paul, and John Monson and Louis Boeglin, of Minneapolis. The selection of a publicity committee was left in the hands of the executive committee.

Mr. May said that the Minneapolis florists would enter enthusiastically into plans for the St. Paul show, and he added that the Oakland Cemetery Association might do much in the line of exhibits, imitating the Lakewood Cemetery Association, of Minneapolis, at the time of the show in that city.

F. D. Willis thought the association should take especial pains to interest the women, and so insure success.

The November flower show is to be

EASTER RIBBONS

Order when you need them, now or later; big stocks always on hand. Better ribbons for florist work are not woven than

THE PINE TREE BRAND

Sample swatches will show you the luster, good silk quality, and prices will convince you there is a saving for you. Samples free.

The Pine Tree Silk Mills Co.
PHILADELPHIA

Mention The Review when you write.

Florists' Refrigerators

Write us for catalogue and prices, stating size you require and for what **kind of cut flowers** you wish to use the refrigerator; also state whether you want it for **display** or only for **storage.**

McCray Refrigerator Co 368 Lake St. Kendallville, Ind.

Mention The Review when you write.

Plants Sell Better



when the ugly clay pots are hidden by the attractive and artistic

EVER-READY POT COVERS

Strong cardboard foundation. Best quality waterproof crepe paper, silk fiber ribbon ties at top and bottom. Firmly held with improved metal fastenings. Furnished in four colors and many sizes. Write for samples and price list today.

EVER-READY FLOWER POT COVER CO.
146 Hughes Ave., Buffalo, N. Y.

Mention The Review when you write.

given by the St. Paul Florists' Association, under the auspices of the Minnesota State Florists' Association.

BOSTON.

The Market.

We have had exceptionally severe weather for some days, and this, as usual, has had an adverse effect on the cut flower trade. February 10 was the coldest day of the winter, the maximum temperature hardly rising over the zero mark, with a cutting wind blowing all day, and several shipments of flowers arrived in a frozen condition. The business of the numerous street fakers was tied up for several days. These dealers dispose of large quantities of flowers which would otherwise be wasted, and their absence always is felt.

Roses continue to sell better than any other flowers and are still in rather short supply. All varieties and grades are selling well, prices being about the same as a week ago. Carnations, on the other hand, have been a veritable glut on most days and prices are unusually low, even on fancies. The quality leaves little to be desired. Violets, which were druggy early last week, have recovered and are selling fairly well. Sweet peas are in tremendous supply and prices on even the best quality are not what they should be.

Bulbous stock is abundant, and few of either the best narcissi or tulips bring over $2 per hundred, many going at half this price. Some good antirrhinums and mignonettes are seen. There is quite a good sale for these, also for marguerites. Lilies and callas are each in good supply. Much of the valley coming in is of poor quality. Pansies are not plentiful. Freesia is still abundant, but the quality is below par on much of it. For dimorphothecas and calendulas there is a good call. Cattleya Trianæ is too abundant; $4 per dozen is the average price. There is a good supply of Lælia anceps, dendrobiums and other orchids. Gardenias are of fine quality, the better grades moving well. Asparagus and adiantum are selling quite well. The severe weather has adversely affected plant trade.

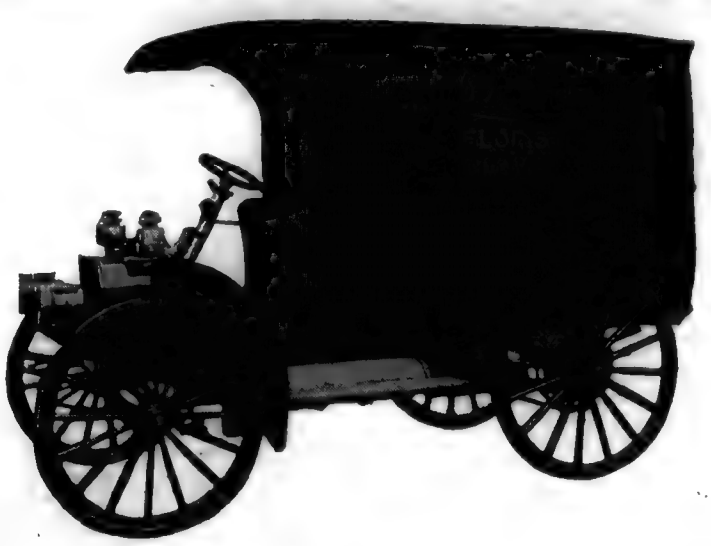
Various Notes.

F. H. Houghton, on Park street, always has his windows and store arranged with exquisite taste. Baskets containing a mixture of dimorphotheca and calendulas were taking, also others containing Acacia pubescens. Mr. Houghton states that trade is good, the sale for old-fashioned bouquets being particularly good of late.

William H. Elliott is getting moderate shipments of roses from his Madbury establishment. Rhea Reid, as grown by him, is good. Mrs. Aaron Ward, Bon Silene and Safrano are all in demand. Mrs. Waddell is also proving quite popular. Asparagus elongatus is something of a novelty, but Mr. Hutson, the head salesman, states that it does not take well.

I noted in H. R. Comley's window on Park street some pots of the pretty Tritonia crocata last week.

E. H. Wilson, of the Arnold Arboretum, has just been awarded the Victoria medal of honor by the Royal Horticultural Society of England for his distinguished services to horticulture. There are sixty holders of this coveted medal. When one dies, another is se-



From Every Standpoint
The Perfect Delivery System for Florists

It means money and reputation to a Florist to get his plants and flowers delivered quickly—an hour or two of delay often means a loss of their first crisp freshness.

When decorating a house or church it is most necessary that the Florist and his plants should get there in a hurry and back in a hurry.

AN INTERNATIONAL COMMERCIAL CAR

will make deliveries in one-third the time required with a horse-drawn vehicle. It means better service—lower cost of delivery—a larger territory—and as a result, more business.

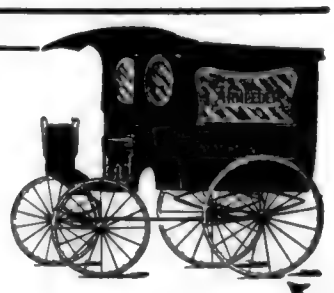
The International Commercial Car is the most practical car on the market. The motor is simple, well built, and economical in fuel consumption. The wheels have solid rubber tires—no delays due to punctures and blowouts. The International Commercial Car is sold at the lowest price consistent with high-grade materials and the best workmanship.

Write and tell us what conditions you have to meet and we will be glad to furnish you with figures showing the saving an International Commercial Car will make for you—figures based on the experience of other business men.

International Harvester Company of America
(INCORPORATED)
77 Harvester Building CHICAGO U S A

Mention The Review when you write.

A HANDSOME WAGON



makes a first-class advertisement of your business. You can save money by buying an ARMLEDER direct from us. Over 100 styles to select from. Ask for your copy of our catalogue today. It's free.



THE O. ARMLEDER CO., CINCINNATI, OHIO

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ALWAYS MENTION THE FLORISTS' REVIEW WHEN WRITING ADVERTISERS

Waterproof Crepe Paper



The use of Waterproof Crepe Paper has become universal.

It makes a fine plant more tempting, adds a dressiness and a finish that enhances its value.

The advantage of Waterproof Crepe Paper is that the plants may be dressed ahead of time; the paper that won't spoil when wet is the paper you need.

It can be had in these colors: Nile, moss, lavender, violet, white, pink, yellow and red.

The Rice Standard in Waterproof Crepe Paper is the best, as in all other florists' supplies.

PRICE:

Per dozen rolls, $1.75; 100 rolls, $12.00.

Look at page 31.

M. RICE & CO.

Manufacturers, Importers, Originators.

1220 Race St., Philadelphia, Pa.

THE LEADING FLORISTS' SUPPLY HOUSE AND RIBBON SPECIALISTS

There's Money for You in Goldfish



$3.00 per 100 and up

Send for Catalogue

and our Special Assortments. Largest dealers in Goldfish and Aquarium Supplies in the United States. Sea Moss, Japanese Fish.

AUBURNDALE GOLDFISH CO.

920 W. Randolph St., Chicago, Ill.

PHONE HAYMARKET 152

INSURANCE OF YOUR PLANTS FROM FREEZING in cold weather may be obtained at trifling cost if you will use a

Lehman Wagon Heater



There is no danger of fire; no smoke, dirt or gases to injure the plants. They burn **Lehman Coal,** which costs less than half a cent per hour. **400,000 Lehman Heaters** are in use, which clearly shows they have merit. Florists everywhere use and recommend them **Have you one? Beware of imitations!** Write for circular telling more about them.

LEHMAN BROS.,
Manufacturers,
10 Bond St., NEW YORK

J. W. ERRINGER,
General Western Sales Agent,
20 E. Randolph St., CHICAGO, ILL.

lected. This is the first occasion on which it has gone abroad, and Mr. Wilson is receiving many congratulations.

Fine antirrhinums, mignonette and myosotis from R. P. Petersen, of Saxonville; excellent Richmond roses from R. T. McGorum, and splendid single violets from Nelson & Johnson, of Framingham, are being received by W. A. Hastings at the Boston Flower Exchange.

William Sim is cutting a grand lot of sweet peas, many thousands daily. His leading sorts are Mrs. Wallace, Mrs. F. J. Dolansky, Christmas Pink and Florence Denzer. He finds a heavy call for violets and is obliged to pick closely.

Andrew Christensen, of Stoneham, who grows some 50,000 carnations, is this season having excellent success with White Enchantress, Queen, of which he is still a large grower; Pink Delight, Beacon and Enchantress.

Penn, on Bromfield street, had a pretty window arranged with yellow trumpet narcissi last week. Plants of Phœnix Roebelenii and Cibotium Schiedei were used. In one window a group of crotons with pans of yellow narcissi, the pans hidden by cork work, was effective.

Robert Cameron was the lecturer at the usual Saturday meeting in Horticultural hall February 10, his subject being, "Flower Culture, Particularly Annuals." It was the most severe day of the winter, but a good audience enjoyed the lecture and later discussed it in an animated manner.

William Nicholson leaves February 20 for a western trip and will include Chicago, Joliet, Richmond, Lafayette and other carnation centers in his itinerary. He has quite recovered from his recent sickness.



SPLIT CARNATIONS

Quickly, easily and cheaply mended. No tools required.

Pillsbury Carnation Staple

Patented 1908.

2000 for $1.00 postpaid.

I. L. PILLSBURY
GALESBURG, ILL.



BEFORE

No loss if you mend your split carnations with **Superior Carnation Staples**

50c per 1000 postpaid



AFTER

WM. SCHLATTER & SON

422 Main St., Springfield, Mass.

GREEN CARNATIONS

DON'T Be Fooled Again.

Buy from The Originator— not the Imitator

FOR ST. PATRICK'S DAY. I send you, postpaid to any address, enough pulverized coloring to make one quart of the strongest liquid dye for $1.00; enough for one gallon, $3.50. I guarantee my goods to be the coloring and does the work satisfactorily.

ORDER NOW
Directions with each box

FRED GEAR
(Originator of Green Flowers)

FREE SAMPLES

1113 VINE STREET, CINCINNATI, OHIO

Mention The Review when you write

CYACEINE—The Natural Flower Coloring

Is simply mixed with water and absorbed through the stem, showing in the flower in twenty minutes. IT COLORS AND PRESERVES FLOWERS without harming them or destroying their fragrance. Color a flower with it and notice how natural it looks.

Any of the following colors sent to you by mail. . . . . **20c per quart** St. Patrick Green, Yellow, Blue, American Beauty, Orange or Pink.

Why not send your order and remittance now, while you have it in mind? The coloring will come to you, all charges paid, by the first return mail.

C. R. CRANSTON, (NEW ADDRESS) 146 ORCHARD STREET, **AUBURN, R. I.**

Mention The Review when you write

John Barr has a seedling carnation, something in the way of May Day, which proves popular at the stores. His new Mrs. B. P. Cheney keeps up its good reputation, and Pink Delight is fine with him.

The Boston Cut Flower Co., on Bromfield street, reports trade as good. They are making special offers of yellow trumpet narcissi and sweet peas and sell immense quantities.

W. D. Howard, of Milford, is an excellent carnation grower. His flowers of White Perfection, White Enchantress, Beacon, Fenn and Pink Delight are equal to the best seen at the Boston Flower Exchange.

Thomas Roland is sending some fine acacia in variety, and amaryllis, to the Flower Growers' Sales Co.

H. W. Vose, of Hyde Park, has some fine light pink stocks and Prosperity tulips at the Boston Flower Exchange, in addition to his heavy line of trumpet narcissi.

Among the carnations coming from the Halifax Garden Co., Apple Blossom, White Wonder, Mrs. C. W. Ward, Gloriosa and Pink Delight are excellent.

Paul E. Richwagen, of Needham, has a beautiful pink antirrhinum of which no other growers seem to have stock; E. J. Rogean sells it on sight.

The directors of the Boston Coöperative Market held a meeting February 10. Business at the market has held up well, even through the recent somewhat dull period.

The meeting of the Gardeners' and Florists' Club February 20 will bring out one of the largest gatherings in the club's history. Many novelties, especially in roses and carnations, will be shown. J. Otto Thilow's stereopticon lecture will also be a great feature.

N. H. Silverman, on Winter street, reports excellent business.

W. N. Craig.

Visitor: S. Eintracht, of Wertheimer Bros., New York.

FLOWER GROWERS SALES CO.

INCORPORATED

BOSTON, MASS.

Direct from Grower to Dealer.

DIRECTORS

E. Allan Peirce — C. H. Holbrow
Louis J. Reuter — Frank Dolansky
J. Frank Edgar — Frank P. Putnam
Wm. Sim — A. A. Pembroke
Thos. Roland — Wm. Lenk
Wm. Jurgens — Wilfred Wheeler

We Are Headquarters FOR Orchids, Valley, Gardenias, Marguerites, Pansies, Violets, Sweet Peas, and all the Novelties.

We are always well supplied with Roses, Carnations, Easter Lilies and Bulb Stock.

Shipping orders promptly attended to.

Give us a trial, we want your business

THOMAS PEGLER
Manager.

Salesroom at BOSTON FLOWER EXCHANGE PARK STREET Telephone 3766 Haymarket

Office at 1A PARK STREET. Telephone 3765 Haymarket

Mention The Review when you write.

NEW YORK.

The Market.

We have had a return of zero weather and with it came frozen shipments and a demoralized state of business at the week's end. Saturday night prices fell rapidly and the ice-boxes were crowded with the surplus. The weather was moderating as this week opened and it is hoped the last of the cold waves has been seen for this season.

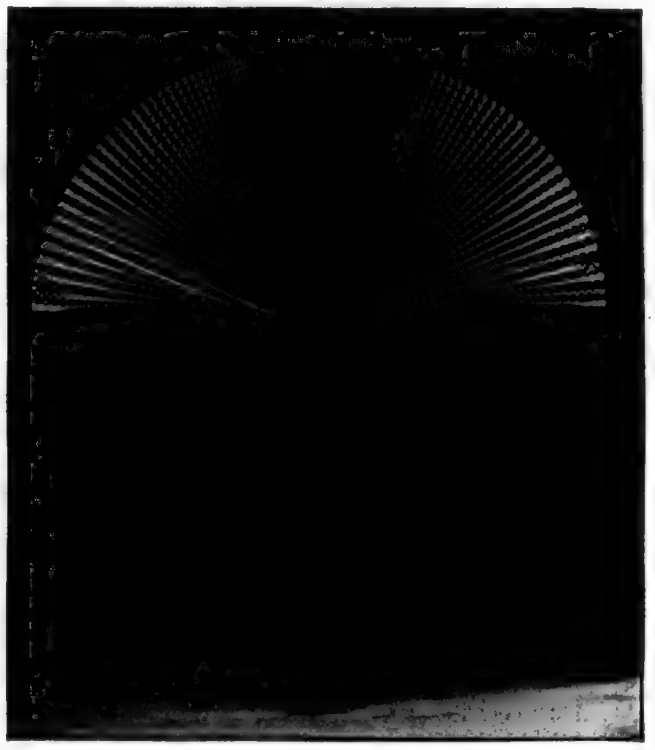
There is an abundance of everything and a surplus of daffodils and freesia. Also tulips of the short-stemmed grade are not moving at all. The drop in values of carnations was especially marked last week, large sales of the finest being made as low as $2 per hundred. The prices of roses have retrograded about twenty per cent, but this does not apply to the novelties, for these are always snapped up on sight and most of them are made the attraction, carefully labeled and ex-

Pebbled Pleated Paper

Plants trimmed with "Rice" Pebbled Pleated Paper sell themselves.

Your customers will appreciate the tone added to their plants when decorated with this paper.

Can be done at such a trifling cost too.



The decorating possibilities of this beautiful paper are many; a ruffle here and a frill there, when finished adds tenfold to the plant.

Can be had in the following flower colors:
White,
Nile and Moss Green,
Pink, Lavender,
Violet, Yellow and
Red.

PRICE

Per dozen rolls, $1.75 — Per 100 rolls, $12.00

For a convincing proof, order today; you'll see.

See page 33 for another Rice Easter Leader.

M. RICE & CO., 1220 RACE ST., Philadelphia, Pa.

Mention The Review when you write.

St. Patrick Green

(The Only True Irish—Grass—Color)

DARK GREEN TRADE MARK GSB (The Color Beautiful)

Our coloring is too well known to comment on. The Florists tell us it is the best on the market and their word goes with us. One quart of **OUR** green will color more flowers than two quarts of any other make, and it is only $1.00 the quart, postpaid. **NUFF SAID.**

BURTON-ALLISON CO., Suite 28, 39 W. Adams St., Chicago, Ill., U. S. A.

Mention The Review when you write

ploited, in the windows of the retail stores.

There is no reduction in the orchid shipments. It is a problem where they all come from. Prices are very low and the shipping demand is light. A good many shipments of these were badly injured by the zero weather. Valley drags, little of it going above $2 per hundred. Gardenias are finding their top at $3 per dozen and they must be especially long-stemmed and selected to bring this figure. Most of the receipts sell below $1 a dozen. The best lilies are selling at $1 a dozen and under, and violets in large quantities go at the buyer's option. Even in hundreds 40 cents was the top quotation last week. There is no shortage of anything in the line of sweet peas, tulips, pansies, narcissi, daisies, lilac or mignonette.

Various Notes.

This may safely be termed banquet week in this section. Wednesday evening, February 14, the third annual dinner of the Yonkers Horticultural Society took place, with H. A. Bunyard as toastmaster. Thursday evening, February 15, the Greater New York Florists' Association, of Brooklyn, will celebrate its second anniversary at Raub's, and Friday evening, February 16, the New Jersey Floricultural Society makes merry in its annual dinner at East Orange. There will be a big attendance from New York at both of them.

H. M. Robinson returned to Boston February 10, more than pleased with his reception in the metropolis. Store and basement are insufficient for the business and another floor is to be added.

Julius Loewith, who represents Conrad Appel, of Darmstadt; A. Rousset, of Paris; Linersan, of Rotterdam, and other European houses, will make his annual trip to Europe in May.

ST. PATRICK'S Carnation Fluid

The kind that makes the true Emerald green.
Pint, 50c; Quart, $1.00.

A. L. RANDALL CO.
66 E. Randolph Street, CHICAGO

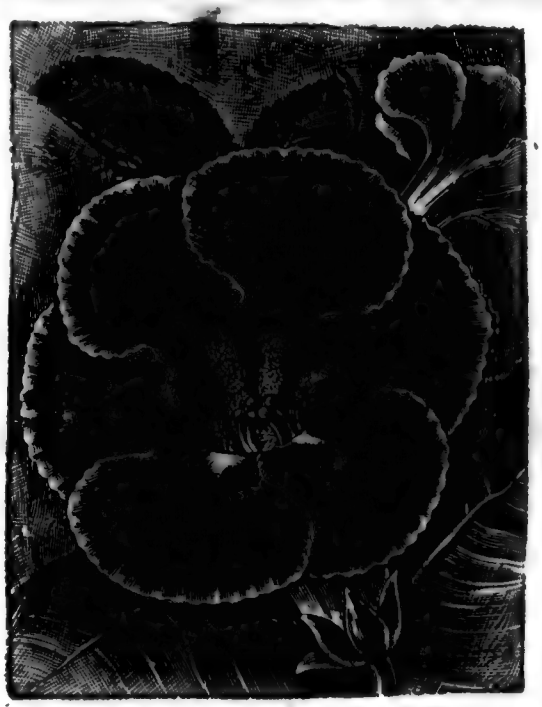
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GREEN CARNATIONS

Send 25c and receive by mail a package of dye that will color 75 to 100 carnations green. Have many letters stating it is best on market. 3 packages, 60c; $2.00 per dozen. 2c stamps accepted.

LOUIS ELSASS, Chillicothe, Ohio

Mention The Review when you write.



MICHELL'S BULBS

FORCING GLADIOLUS

	Doz.	100	1000
KUNDERDI GLORY Petals ruffled; color cream pink, with a faint blood-red stripe through the throat	$1.10	$7.50	$70.00
AMERICA Giant flowers; delicate pink	.60	3 75	35.00
AUGUSTA Pure white	.40	2.50	20.00
MAY White, penciled crimson	.40	2 25	20 00
BRENCHLEYENSIS Bright, brilliant scarlet	20	1.25	12.00
MRS. FRANCIS KING Gigantic spikes, brilliant scarlet	.50	3.00	25.00

Varieties for Outdoor Planting

	Doz.	100	1000
PEACE (New) A grand pure white flower with a slight marking of lilac on the lower petal	$3.00	$20.00	$125.00
PRINCEPS Giant dazzling scarlet	1.75	12.00	115.00

UNNAMED GLADIOLUS

	Doz.	100	1000
White and Light Colors (Special)	$0.35	$2.50	$20.00
White and Light (Regular)	.25	1.75	15.00
Pink and Rose	.25	1.50	13.75
Yellow and Orange, all shades	.50	3.75	35.00
Scarlet and Crimson	.20	1.35	12.00
Striped and Variegated	.35	2.50	22 00

GLADIOLUS IN MIXTURE

	Doz.	100	1000
Michell's Giant-flowering Mixture—the best there is	$0.25	$1.75	$15.00
Groff's New Hybrids, Extra Fine Mixed	.25	1.50	12.50
Extra Choice Mixed	.20	1.00	9.00

BEGONIAS (Tuberous-rooted)

Choicest large-flowering. Mammoth bulbs.

	Per doz.	Per 100	Per 1000
SINGLE BEGONIAS			
Separate colors	$0.40	$2 50	$22 00
Mixed	.30	2.25	20 00
DOUBLE BEGONIAS			
Separate colors	.65	4.00	37.50
Mixed	.50	3.75	33.00

NEW BEGONIA CRISPA
A beautiful frilled or crested type, producing very large, single flowers.

	Per doz.	Per 100	Per 1000
Separate colors	$1.00	$6.00	$50.00
Mixed	.80	5.00	40.00

ISMENE CALATHINA

Flowers a beautiful waxy white and deliciously fragrant. Large bulbs, 12c each; per doz., $1.25; $8.50 per 100.

JAPANESE FERN BALLS

In Dormant Condition

	Each	Doz.	100	1000
Large size	$0.25	$2.75	$22.50	$200.00
Medium size	20	2 00	15.00	135 00

GLOXINIAS

Large, plump bulbs, which will make fine specimen plants.

	Doz.	100	1000
Separate colors	$0.60	$3 25	$30.00
Choicest Mixed, all colors	.50	3.00	27.50

CALADIUMS

	Doz.	100	1000
Mammoth Bulbs	$1.35	$10 00	$95.00
First Size Bulbs	.90	6.50	62.50
Second Size Bulbs	.60	4 50	42.50
Third Size Bulbs	.40	2.50	23.50

TUBEROSE BULBS

Mammoth size ..... Per 1000, $8.75

CANNA BULBS

All varieties. Write for prices.

Wholesale Catalogue for 1912 Free for the Asking

HENRY F. MICHELL CO., 518 MARKET ST., PHILADELPHIA, PA.

Mention The Review when you write.

Roses, Beauties, Orchids, Valley, Violets, Carnations, Paper Whites, Lilies, Sweet Peas, Daisies, Trumpets, Mignonette, Decorative Greens

PITTSBURGH CUT FLOWER COMPANY

Wholesale Growers **121 Seventh St., Pittsburgh, Pa.**

Mention The Review when you write

Bowe, McConnell, Davis, Myer, Bunyard, Schling, Clarke's Sons, Lee and many others have been busy with banquets and receptions and funeral designs of great size and beauty during the first weeks of February.

Charles Millang met with a serious accident while on his way home in his auto Wednesday evening, February 7. He was making good speed when the brass pipe attached to the horn shook loose and caught in the wheels. The jamming of the wheel caused the machine to skid and overturn. Mr. Millang was caught under the car. It turned again and left him lying unconscious in the roadway. He was taken to the Flatbush hospital, where it was at first feared his injuries were fatal. Over 100 stitches were necessary to close the cuts. Mr. Millang is known and liked by everyone in the trade in this section and it is the unanimous wish that his recovery will be rapid.

Another musician has been added to the family of George Burnett, of Burnett Bros.

The veteran J. K. Allen is again on deck, fully recovered from his recent indisposition.

Frank Adelberger, of Philadelphia, was in the city last week because of the serious illness of his brother.

L. H. Lord, of the Lord Plant Box Co., Minneapolis, called on New York customers last week on his way to Boston.

Fred Schumann, formerly of the wholesale firm of Perkins & Schumann, has purchased the Metz retail business at 182 East One Hundred and Sixteenth street.

Woodrow & Marketos say they have done a heavy plant shipping business ever since New Year's, in spite of the severe weather.

Messrs. Schraeder, superintendent for John D. Rockefeller, and Fay, formerly with Dr. Seward Webb, were in the city February 10, the guests of Arthur T. Boddington.

From Mabie's big plant at Hackensack, N. J., P. J. Smith is receiving some fine sweet peas.

H. E. Froment thinks it is hard to account for the slump in violets on

EVERY now and then a well-pleased reader speaks the word which is the means of bringing a new advertiser to

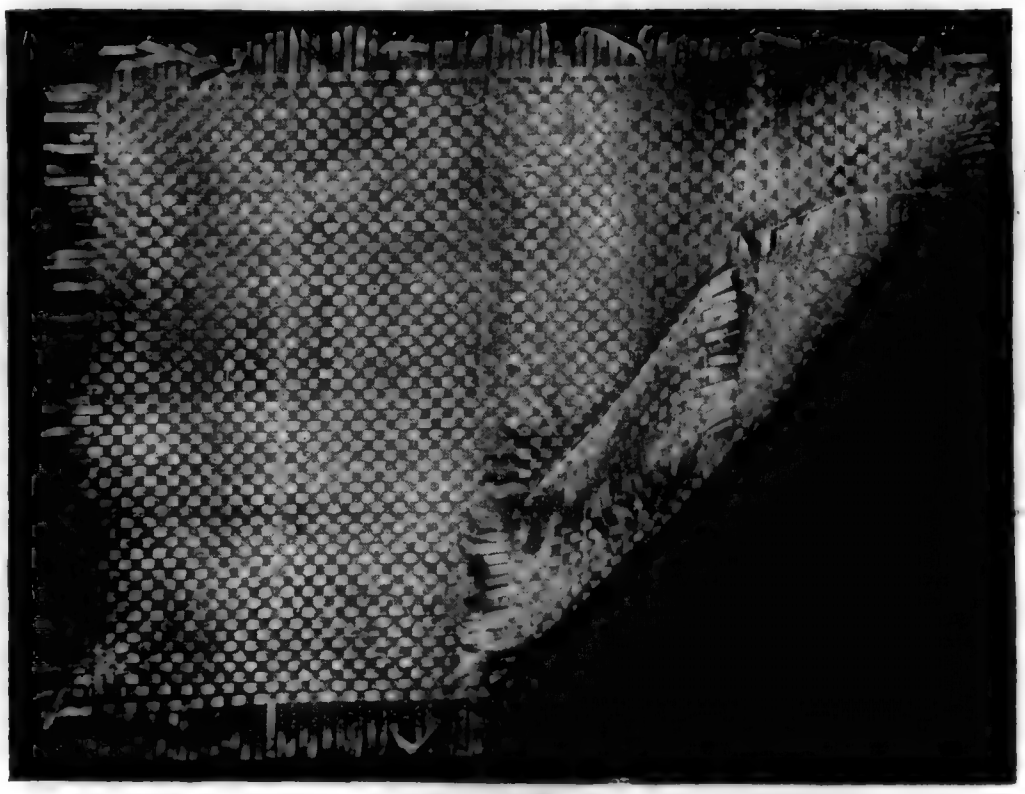
THE WEEKLY FLORISTS' REVIEW

Such friendly assistance is thoroughly appreciated.

Give us the name of anyone from whom you are buying, not an advertiser. We especially wish to interest those selling articles of florist's use not at present advertised.

FLORISTS' PUBLISHING CO.
530-60 Caxton Bldg. Chicago

PORTO RICAN MATS



No. 2 MAT

come first in the list of Easter necessities. They give such pretty effects with colors chosen to harmonize with plant or flower that the floral artist would feel lost without them.

To suggest how to use them is no longer apropos except this hint: Moisten before using, to prevent cracking.

They are size 36x28-in., and come in the following colors: White, light and dark pink, Nile, moss green, yellow, light blue, lavender and red.

Style No. 2 is made of 1/4-inch wood chip ribbon. Price, per dozen, $2.00; per 100 mats, $12.00.

We also have a mat, style No. 988, resembles raffia, much handsomer and heavier than the No. 2 mats. Price, per doz., $3.00; per 100 mats, $18.00.

Empress Silk Fiber Ribbon

is best adapted for tying Porto Rican Mats; if once used no other will answer.

The Rice Standard is the best in Porto Rican Mats, as in all other florists' supplies.

M. RICE & CO., 1220 Race St., Philadelphia, Pa.
Manufacturers, Importers, Originators

THE LEADING FLORISTS' SUPPLY HOUSE AND RIBBON SPECIALISTS

Mention The Review when you write.

WM. MURPHY, Wholesale Commission Florist
309 Main St., CINCINNATI, OHIO

CUT FLOWERS GREENS MOSS SPHAGNUM
FLORISTS' SUPPLIES WIRE WORK

PHONE MAIN 980 CONSIGNMENTS SOLICITED

Mention The Review when you write.

HOLTON & HUNKEL CO. Choice Roses, Carnations, Violets, Valley, Tulips, Trumpets, Lilies
462 Milwaukee Street, Milwaukee, Wis. AND ALL OTHER CUT FLOWERS AND GREENS

Mention The Review when you write.

any basis other than "a decline in the public's liking for the modest flower and its quest for novelties."

Charles Loechner, of Loechner & Co., is on a western trip.

Alexander Moltz & Co. report little space unlet on the first floor of the Coogan building. Jas. Hart is the latest addition.

A. J. Guttman has installed a new ice-box and says his business has grown beyond his expectations.

Frank Suplee, with Thomas Young, Jr., has had a severe attack of bronchitis.

For the funeral of Fred Knowles, former secretary of the New York Baseball Club, many handsome designs were sent from New York. M. A. Bowe had the casket cover, of white roses and orchids with a border of violets, and also sent several handsome wreaths of orchids and valley. Arthur Merritt had charge of the house decoration. Mr. Bowe expects to move into his new store May 1.

The Growers' Cut Flower Co. is well pleased with the branch at the Coogan building.

Wm. Kessler says he has shipped plants this season as far west as Seattle, Wash.

In the death of John F. Condon Brooklyn has lost one of its most progressive florists. He was in the heyday of his life work and only 43 when the end came. He will be greatly missed. J. Austin Shaw.

LENOX, MASS.

The Lenox Horticultural Society held its annual ball February 2. This is an event which is eagerly awaited by the whole community. Dancing was indulged in until 1 a. m., with Escher, of Pittsfield, to supply the music, and a splendid program was gone through. In view of the fact that this is leap year, the ladies had to be considered, and they made their choices in one or more of the dances; the novelty of this was much appreciated. Refreshments were excellently served by Mr. McDermott, of this town. About 150 people were present and all the arrangements were well carried out by the various committees.

A regular meeting of the society was held February 3. There was a full attendance of the officers, and about fifty members and friends were present. Henry Heeremans and Murray Scott were elected to active membership.

Other business of the society over,

PINK Killarney

IF you could see our daily shipments of Pink Killarney, you would not hesitate to say that we are headquarters for Pink Roses. We have a large supply of the three top grades. The flowers are fine, of good color, splendid shaped buds. We can assure you of the largest value you can get anywhere. Try a shipment.

WHITE LAVENDER LILAC

Per bunch, $1.00 — Per bunch, $1.25

The best Lilac coming from this market. A large supply every day.

Fancy Ferns

$2.00 per 1000.

PEAS, extra quality	per 100,	$1.50
PEAS, good stock	per 100,	$0.75— 1.00
SNAPDRAGON	per dozen,	2.00
MIGNONETTE	per 100,	4.00— 6.00

Smilax

$5.00 per case.

The Leo Niessen Co. Wholesale Florists

12th and Race Streets, PHILADELPHIA, PA.

Mention The Review when you write.

President Foulsham introduced C. M. Gardener, master of the State Grange of Massachusetts, who gave a splendid lecture on "Practical Tests of Rural Progress." The speaker was given a rising vote of thanks, after which refreshments were served. W. H.

PHILADELPHIA.

The Rising Eastern Market.

St. Valentine's day, an increasingly popular flower day, closed a week that was more active at the close than at the beginning. Flowers, with a few exceptions, were plentiful, affording plenty of good material for the orders. The out-of-town demand was a feature of the week, many excellent orders going out from the wholesale houses that make a specialty of shipping. Local business was fair. The fashionable florists were particularly busy.

Beauties are extremely scarce. It seems as though all the growers are completely cut out. Orders that could easily have been filled a fortnight ago now cause grave anxiety and are almost impossible to fill. Other roses are in fair supply—the shorter grades and white are most difficult to obtain. The rose market generally is buoyant. Carnations are just the reverse. Many of the flowers coming into town are superb, but the supply exceeds the demand and prices are declining. Sweet peas are abundant; the quantity consumed is large, but they often require pushing and the poorer grades must be offered cheaply to sell them. Daffodils continue low in price. Double Von Sions are becoming an important factor, but they do not seem more popular than Golden Spur. The modest violet came forward more prominently on the two days following Lincoln's birthday, prices becoming firmer. The cold weather, bad for flowers generally, has been particularly so for the gardenia; so, too, for the disposal of odds and ends so generally looked forward to on Saturday by the wholesale houses.

The February Meeting.

So great was the interest shown in the meeting of the Florists' Club last week that it has awakened ideas of the possibilities of this meeting among the bright minds in our profession. An attendance that taxed the capacity of the club room; an exhibition worth coming miles to see; an interchange of opinion of greatest value; all these are worthy of encouragement from those interested in floricultural advancement and in the club's welfare.

Samuel S. Pennock suggests that the February meeting of the Florists' Club be devoted in future to an exhibition of novelties and that the meeting be held in the lecture room of Horticultural hall, thus affording abundant seating capacity and a good exhibition room. Mr. Pennock also advocates that invitations be sent to the wives and daughters of the members, their sisters, their cousins and their aunts, to attend this meeting. His idea is that the future of the novelties rests mainly with the ladies and that their judgment on these novelties will be of incalculable value in determining merit or lack of it. President Thilow thought so highly of Mr. Pennock's idea that he at once endorsed it warmly and proposes recommending its adoption in the near future.

DAFFODILS

are in full supply. We can give you fine flowers at moderate prices in any quantity desired.

$3.00 per 100, $25.00 per 1000

CARNATIONS

We are receiving some exceptionally well-grown white and pink varieties.

$4.00 per 100

$3.00 per 100 for all colors of select stock.

PRINCETON

The best bright pink rose in the cut flower market.

ALL LEADING VARIETIES OF CUT BLOOMS AND GREENS

BERGER BROTHERS

Wholesale Florists

140-142 North 13th Street, PHILADELPHIA, PA.

Mention The Review when you write

Various Notes.

D. Fuerstenberg and Harry Simpson visited S. J. Reuter & Son, Westerly, R. I., during their recent trip. After carefully examining Double White Killarney Mr. Fuerstenberg decided to purchase the entire stock of grafted plants of this strain. They will be planted at Edgely, where Mr. Simpson is in charge.

At the February meeting of the Germantown Horticultural Society, in Association hall, on the evening of Lin-

Some Splendid New Roses for 1912



DOUBLE WHITE KILLARNEY

DOUBLE WHITE KILLARNEY (Budlong Strain)

As a white rose it has no equal. In the winter time very much better than the original White Killarney, and as a summer rose it is far better than Kaiserin, heretofore our best summer rose—a money maker for all.

Grafted.....$30.00 per 100; $250.00 per 1000
Own Root..... 25.00 per 100; 200.00 per 1000

KILLARNEY QUEEN (Budlong Strain)

A heavier, more vigorous grower, larger flower than Pink Killarney—about the same petalage, does not fade out in dark weather but holds its color. A magnificent rose, something very much above the ordinary. To be fully appreciated it must be seen.

Grafted.....$30.00 per 100; $250.00 per 1000
Own Root..... 25.00 per 100; 200.00 per 1000

SUNBURST

A yellow that we believe will prove to be the very best of the yellows, a striking rose, brilliant in effect, good grower and bound to be a good seller.

Grafted.....$35.00 per 100; $300.00 per 1000
Own Root..... 30.00 per 100; 250.00 per 1000

	Grafted		Own Root	
	100	1000	100	1000
Aaron Ward	$20.00	$150.00	$10.00	$ 90.00
Lady Hillingdon	25.00	200.00	20.00	150.00
Melody	no grafted		12.00	100.00
Mrs. Taft	15.00	120.00	7.50	60.00
Double Pink Killarney	20.00	150.00	12.00	100.00
My Maryland	15.00	120.00	10.00	90.00
Killarney	15.00	120.00	7.50	60.00
White Killarney	15.00	120.00	7.50	60.00

Write for our Descriptive 8-page Circular on these Novelties.

MARY COLLADAY (Pink Garza)

A beautiful pink spray Chrysanthemum, something new, unusual, nothing like it among Chrysanthemums. Well established, 2¼-in. stock, $4.00 per doz.; $25.00 per 100.

Green Dye for Carnations for St. Patrick's Day, 75c per pa kage.

Ribbons and Supplies—Many new patterns in exclusive ribbons. Write us for prices on these and on supplies.

PM QUALITY

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF PHILADELPHIA

PHILADELPHIA 1608-1620 Ludlow Street
NEW YORK 109 West 28th Street
WASHINGTON 1212 New York Avenue

Mention The Review when you write.

Selected Rose Stock

Maryland, Pink and White Killarney—Own root.
$6.00 per 100; $50.00 per 1000.

Write for prices on best imported **BERLIN VALLEY PIPS.**

Philadelphia Cut Flower Co., 1517 Sansom Street, Philadelphia, Pa.

OPEN UNTIL 6 P. M.

Mention The Review when you write.

coln's birthday, Professor William G. Toplis spoke on "Vegetable Bacteria."

John R. Andre, Doylestown, Pa., has replaced his well and cistern with an artesian well, 6-inch bore, worked with a Standard pumping engine.

B. K. Hedrick and Byron Thomas, both carnation specialists of Quakertown, Pa., thoroughly enjoyed last week's Florists' Club's meeting in this city.

Robert A. Craig paid a flying visit to Pittsburgh and Youngstown February 9, returning on Lincoln's birthday.

Walter P. Stokes left February 10 for a fortnight's trip to Bermuda, to recuperate after his recent illness.

A cablegram received February 8 from Robert Craig announced the safe arrival of his party in Porto Rico.

M. Rice & Co. have their second story show room filled with interesting Easter novelties and staples. Their stock is an object lesson in the wonderful strides made in supplies.

D. Fuerstenberg visited Cromwell, Conn., on his recent trip. While there

THE FLORISTS' SUPPLY HOUSE OF AMERICA



HIGH HATS

FOR ST. PATRICK'S DAY

are something entirely new that will attract instant attention when filled with Irish Shamrock. They make a combination simply irresistible.

Telegraph, telephone and mail orders should be sent promptly. Don't order too few; this is a good thing, worth pushing.

H. BAYERSDORFER & CO., 1129 Arch Street, PHILADELPHIA

A. N. Pierson spoke of his intention of building a greenhouse 112 feet wide. Mr. Fuerstenberg considers this as an indication that the wide house is gaining in favor with large growers. It is well known that Mr. Fuerstenberg is the foremost exponent of the wide house.

Frederick J. Michell believes that the high price of many vegetable seeds, due to short crop, will be an advantage rather than a detriment to the market. The advances are not sufficient to discourage any but those who grow in immense quantities, for canning, for instance, from sowing their usual quantities of seed.

H. Bayersdorfer & Co. report St. Valentine's day business as far exceeding that of previous years.

John Wilson, who has been ill, is again at his post.

Berger Bros. are pleased with the location of their new store, it is so easily reached from all sections of the city, as well as from out of town.

William Swayne has returned from Florida.

William J. Baker, it is pleasant to tell, is out again after over a month's detention from his accident.

M. Henry Lynch says the Dingee & Conard Co., West Grove, is rapidly recovering from the loss by fire, which was not nearly so serious as it might have been. The ends of the damaged houses are closed in and work on the heating plant is progressing.

Phil.

CINCINNATI.

The Market.

The market is again well stocked in most lines. The opening day for this week showed a considerable quantity of blooms that had been held over from the close of last week's business. The general demand has, as a whole, remained steady. The superfluity is caused by the gradual increase in the influx of stock. Prices, while easier, have remained fairly steady. The out-of-town customers utilize many flowers and much green.

Roses of all kinds are still short of the call for them and as a result they clean up at sight almost every day. This shortage has held up the price on other stock, particularly carnations, which are again plentiful; in fact, more than plentiful. The dark colors accumulate most rapidly. The white clean up fairly well, and the Enchantress come next. Since this line has become again sufficient a large part of the call for bulbous flowers has disappeared.

All flowers available for corsages hit somewhat of a slump last week; the cold weather seems to have put a damper on the call for these. Sweet peas are coming in very much stronger and



Raedlein Baskets

add greatly to the attractiveness of cut flowers and plants. Stock up now for the Easter trade. We have a complete line of cut flower and plant baskets and offer our popular

ASSORTMENTS from $10.00 UP

Our Mr. Curtis Kindler has just returned from a visit to our factories in Germany and has brought a line of Easter basket novelties that are ahead of anything we have ever offered—and that's saying a great deal.

Your check enclosed with your order will bring prompt shipment,

When you buy from us, you buy from the factory —at FACTORY PRICES.

THE RAEDLEIN BASKET CO.

717 Milwaukee Ave., CHICAGO

Factories: Ebersdorf and Weidhausen, Germany

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Studebaker

DELIVERY WAGONS

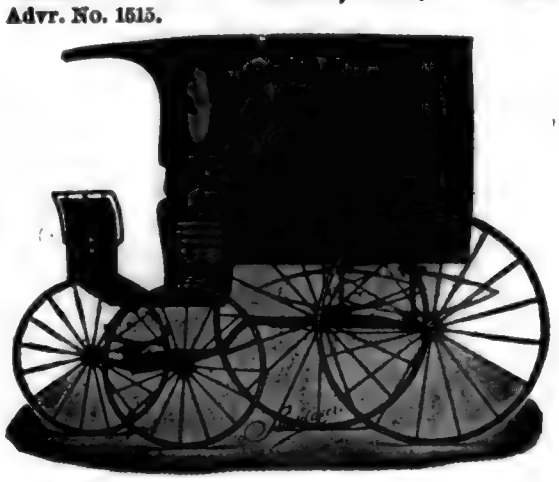
Are Up-to-date, Snappy and Stylish, Creating a Favorable Impression Among Your Trade and Prospective Customers.

DO YOU WANT US TO TELL YOU WHY?

THE STUDEBAKER CORPORATION

SOUTH BEND, IND.

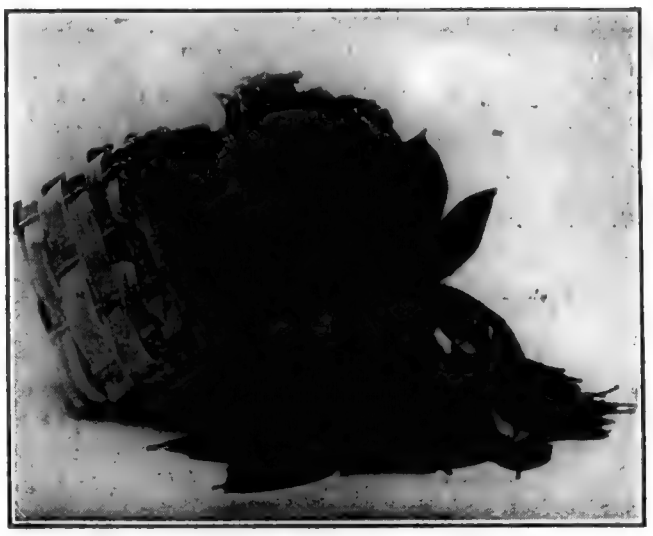
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THE Florists' Supply House of America

Every steamer brings them to us,
All are style of nineteen twelve's;
Send your order straightway for them,
Then we'll fill your empty shelves.
Early have we worked and late,
Roaming over land and sea,

Bringing to our Arch Street building
All the best variety.
Send your list, we have all you need,
Keep well earned reputation high;
Everything you order from us
Tells the world you're smart and why.
Silent Salesman awaits your commands.



MAGNOLIA LEAVES

Of our well known standard—which means the finest quality—as cheap as anyone else. Write for prices.

H. BAYERSDORFER & CO., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.

at times have had to be sacrificed. The quality is the best this market has ever had at this time of the year. The violets are abundant.

Various Notes.

Judging from the way C. E. Critchell is still getting in galax, he must intend to supply the country with them. He is storing many more than in any previous year.

H. Moorman & Co. have sold their store, fixtures and supplies and have retired from business.

I regret to report that Ed Buschle, of C. E. Critchell's, has lost his mother. She died February 12.

Miss M. M. Carroll has returned from a successful trip in the south. Miss Carroll has not opened a place of business in Norwood, as erroneously reported last week. She merely receives her mail through Norwood because she is on the road almost entirely. Her warehouse is in Cincinnati and this is her shipping point.

O. B. Murphy's family has an addition; a boy arrived last week.

Milton Americana Alexander, the successful auctioneer at the flower show, called on his trade in this city last week. C. H. H.

DETROIT.

The Market.

So extremely cold has been the weather in this vicinity that it has had its effect on business. When the thermometer registers below the zero point during the whole day people will not venture far from home and, while there

W. E. Trimble Greenhouse Co.
PRINCETON, ILL.
Adams and Wells-Fargo Express.
Carnations—Sweet Peas—Roses
Our Specialty
All Kinds of Seasonable Cut Flowers at Chicago Prices

WIRED TOOTHPICKS
Manufactured by
W. J. COWEE, BERLIN, N. Y.
10,000.....$1.75 50,000.....$7.50
Sample Free. For sale by dealers.
Mention The Review when you write.

has been considerable funeral work, parties, etc., counter sales have fallen behind.

Stock is now coming along nicely. Roses are more plentiful, as are carnations. Bulbous flowers are in good supply and meeting with a steady sale.

Valentine's day gave considerable additional business, at least for those stores that take advantage of these special days by going after business.

Various Notes.

Raleigh Wells, of the Michigan Cut Flower Exchange, has been on the sick list for many weeks.

The next meeting of the Detroit Florists' Club, Monday evening, February 19, promises to be a most interesting one. W. N. Rudd, of Morgan Park, Ill., will address the members on the topic, "Where Some of Us Are Lame."

Fetters, Breitmeyer, Schroeter and

BUY YOUR FLORISTS' SUPPLIES FROM
L. BAUMANN & CO.
357-359 W. Chicago Ave., CHICAGO, ILL.
We have the largest and most complete stock, Sea Moss, or Japanese Air Plant; Natural prepared Ferns, Cycas Leaves, Magnolia Leaves, Cycas Wreaths, Magnolia Wreaths, Moss Wreaths, Metallic Designs and a big line of Novelties.
Mention The Review when you write.

George B. Hart
WHOLESALE FLORIST
24 Stone Street. ROCHESTER, N. Y.
Mention The Review when you write

some of the other downtown florists had appropriate Valentine's day windows.

H. S.

DIRECTION OF HOUSES.

I should like to ask a question regarding east and west greenhouses, as compared with north and south ones, for coolness during the warm season. Is there any decided difference? My location is best suited to north and south houses. I am in the latitude of southeastern Kansas. H. P.

During the hours from nine until four o'clock, when the sun is generally brightest and the mercury the highest, rather more shade will be afforded by the sashbars of a house if it runs north and south than if it stands east and west. There will also be a rather freer movement of the air, without having

Ferns——Galax——Moss

HEADQUARTERS FOR SOUTHERN WILD SMILAX

$3.00, $4.00 and $5.00 per case.

New Fancy Ferns
Per 100.....20c Per 1000.....$1.75

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000..... 5.00

Bronze Galax Leaves
Per 1000..... $1.00 Per 10,000..... 7.50

Green Galax Leaves
Per 1000.....$1.00 Per 10,000..... 7.50

Boxwood
Per lb.....20c Per case of 50 lbs.....$6.50
Per case of 100 lbs.....$12.00

Mexican Ivy
Per 100.....75c Per 1000..... 6.00

Green Sheet Moss
Per bundle.....$1.00 10 bundles..... 9.00
25 bundles.....$21.00

SPECIAL PRICES ON LARGE QUANTITIES.

Imported Bronze and Green Magnolia Leaves, $2.00 per basket
Everything in Florists' Supplies

Full Line of Cut Flowers and Other Greens at All Times.

C. E. CRITCHELL, Wholesale Commission Florist, 34-36 East Third Ave., **Cincinnati, Ohio**

Mention The Review when you write.

a strong draft, in sections where the summer winds are from the south. The heat also seems to "beat in" more in houses which run east and west, as the glass on the south side is nearly at right angles to the rays of the sun.

BOWLING

AT TACOMA.

The scores made January 31 were as follows:

Player.	1st.	2d.	3d.
Benthien	207	157	162
Hinz	177	167	166
Tschunko	185	150	146
Simpson	153	186	155
Miller	166	154	152
Ghilarducci	191	198	193
Olsen	120	142	136

J. L. S.

AT BUFFALO.

The Buffalo Florists' Bowling Club made the following scores February 12:

Player.	1st	2d	3d
McClure	183	210	182
Sandiford	179	171	208
Wallace	173	191	171
Streit	169	220	179
Speidel	173	193	185
Grever	149	169	129
Savage	128	137	142
Erb	140	149	157

AT MILWAUKEE.

The Milwaukee Florists' Bowling Club made the following scores February 6:

Player.	1st.	2d.	3d.
G. Pohl	155	138	152
F. Holton	198	161	148
G. Kellner	118	137	163
R. Currie	128	141	133
P. Nohos	...	182	101
A. Hare	144	112	121
L. Manos	109	131	...
N. Zweifel	142	121	127
G. Rusch	...	184	170
C. Gutbrod	170	173	176
W. Halliday	130	170	106
G. Hunkel	114	152	147
O. Eggebrecht	108	126	158

E. O.

AT CHICAGO.

A. Zech, chairman of the Chicago bowlers, has received an invitation from Roy J. Currie, secretary of the Milwaukee bowlers, for Chicago to visit

FANCY OR DAGGER FERNS

$1.00 per 1000. Write for prices on large orders.

Galax, 75c per 1000; $6.50 per case of 10,000. **New Bronze** now ready, write for prices.



Try our **Boxwood,** it's the finest that grows; no waste; 50-lb. case, $7.50.
Laurel Festooning, the best, 4c, 5c and 6c per yard.
The finest **Laurel Wreaths** made, $3.00 per dozen.
Branch Laurel, 35c for large bundle.
Sphagnum Moss, $4.00 per bale.
Bouquet Green, 8c per lb.
Southern Smilax, $5.00 per case of 50 lbs.
Green Moss, $1.25 per bbl.
Partridge Berries, 10c per bunch of 50 sprays.

A Special Lot of GROUND PINE, only $6.00 per 100 lbs. First come, first served.

CROWL FERN CO., : Millington, Mass.

Mention The Review when you write.

GALAX-SPRAYS-FERNS-PLANTS



Fancy Dagger Ferns.....$ 1.25 per 1000
Long Green Leucothoe Sprays..... 2.50 per 1000
Short Green Leucothoe Sprays..... 1.25 per 1000
Bronze Assorted Leucothoe Sprays..... 3.50 per 1000
Bronze and Green Galax..... .60 per 1000
Beautiful Hemlock Spruce Plants,
6 to 12 inches.....$2.00 per 100; 15.00 per 1000
15 to 20 inches..... 4.00 per 100; 35.00 per 1000



Rhododendron Seedlings.....$0.20 per 100; $10.00 per 1000
6 to 8 inches.....$4.00 per 100; $35.00 per 100 12 to 15 inches..... 6.00 per 100; 50.00 per 1000

These plants will grow if properly planted. We pack so as to arrive fresh and moist. Charge extra on lots less than 100. Discount on large orders. Eighteen years in the business. Send cash with first order.

J. N. PRITCHARD, Elk Park, N. C.

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WHOLESALE ONLY



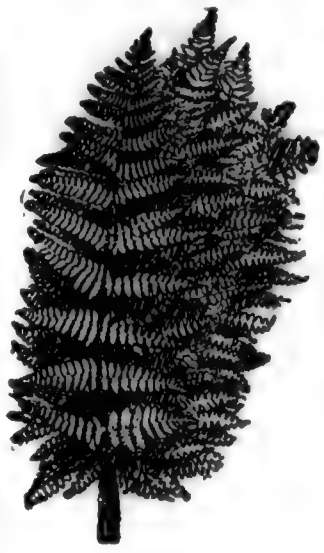
Galax, Ferns, Leucothoe



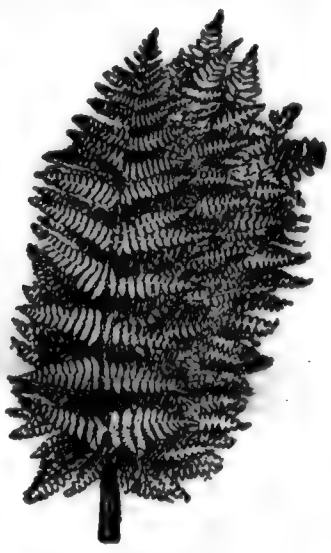
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THE NORTH CAROLINA EVERGREEN COMPANY,
Banners Elk, Pianola, Edgemont, Montezuma, Elk Park.
Address all communications to our home office, Banners Elk, N. C.

Always mention the Florists' Review when writing advertisers.



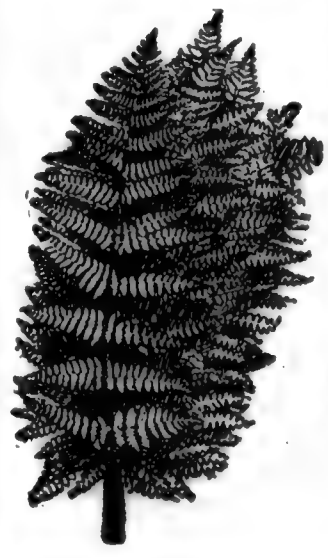
Fancy Ferns



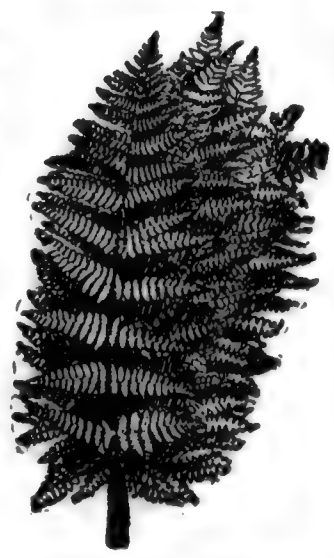
Finest stock in the country

$1.75 per 1000 Discount on large orders. **$1.75 per 1000**

Place your standing orders with us.
Full supply all the year around.



Imported green and bronze Magnolia Baskets, $2.25; 6 baskets	each, $2.00
Galax Leaves, green and bronze	per 1000, 1.25
Green Leucothoe Sprays, extra fine	per 1000, 7.50
Boxwood	per lb., 20c; per case, 50 lbs., 7.50
Wild Smilax	50-lb. case, 5.00
Sphagnum Moss	large bales, 2.50



Full supply Cut Flowers at all times.

Michigan Cut Flower Exchange

38-40 Broadway, Detroit, Mich.

Mention The Review when you write.

"Nothing can improve on Nature"

1886 **1912**



GEORGE W. CALDWELL, The Woodsman
The man who gave you the Wild Smilax

WILD SMILAX

Large cases	$2.50
Parlor brand half cases	1.50

Wire your orders. We ship same day.

CALDWELL THE WOODSMAN CO.
Everything in Southern Evergreens
EVERGREEN, ALA.
Mention The Review when you write.

Wild Smilax and Leucothoe Fully Guaranteed
LOUISVILLE FLORAL CO., Louisville, Ala.
Telegraph Office, Abbeville, Ala.
Mention The Review when you write.


FANCY

When in Need of Extra Fine Quality CUT FANCY or DAGGER FERNS


DAGGER

Write to

"The Fern Men"

L. B. BRAGUE & SON {Since 1867} **HINSDALE, MASS.**

Mention The Review when you write.

J. H. VON CANON & COMPANY



Evergreens Fresh from the Woods

Galax, Bronze, 50c per 1000; $4.00 per case of 10,000.
Green Leucothoe, regular lengths, $1.75 per 1000.
Green Leucothoe, 10 to 16-inch, $1.00 per 1000.
Bronze Leucothoe, 10 to 16-inch, $1.75 per 1000; regular lengths, $2.75 per 1000.

Cash with order.



Wire us, Elk Park, N. C. **BANNERS ELK, N. C.**

Mention The Review when you write.

Wire, Write or Phone Your Orders For

Southern Wild Smilax

Palms, Pines, Fadeless and Natural Sheet Moss, to

CHAS. S. LEE & CO., Evergreen, Ala.

We guarantee to take care of you to your entire satisfaction.

Mention The Review when you write.

We are now shipping

Southern Wild Smilax

Natural and Perpetuated

SHEET MOSSES

E. A. BEAVEN, - EVERGREEN, ALA.

Mention The Review when you write.

Green Sheet Moss,
Laurel Branches and Stems,
New Stone Tomato Seed.
Write for Prices
Will exchange for Crimson Clover Seed or anything I can use.
W. Z. PURNELL, Snow Hill, Md.
Mention The Review when you write.

FLORISTS!
Don't forget when you remember that I sell all
Native Forest Greens, Cut Ferns, Festooning, Baled Boughs, Xmas Trees, Etc.
Write for price.
H. J. SMITH, Hinsdale, Mass.
Mention The Review when you write.

BRONZE GALAX 75 CASES
new crop, on hand, all A-No. 1 quality, size medium. To move them quickly, will make the price $2.50 per case of 10,000. F. O. B. Mt. Airy, N. C. Cash with order. Established 1900.
THOS. HOLDER
R. F. D. No. 1, ROUND PEAK, N. C.
Mention The Review when you write.

Milwaukee in the near future. The invitation will be accepted.

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HELP WANTED—At once, competent man to grow roses, carnations and general stock for retail place; give references and state wages wanted in first letter. J. A. Bissinger, Lansing, Mich.

HELP WANTED—Indoor vegetable grower, lettuce, tomatoes and cucumbers; must be good transplanter; state wages and full particulars in first letter. Address No. **124**, care Florists' Review, Chicago.

HELP WANTED—A good all-round man, one who thoroughly understands growing and watering; married man preferred; position is in an eastern city; references. Address No. **56**, care Florists' Review, Chicago.

HELP WANTED—At once, a gardener on a private place; must be competent to look after greenhouse and hotbeds; wages, $60.00 per month, and will advance wages to the man that will make good. Address R. H. S., Box 7, Danville, Ill.

HELP WANTED—Bright, wide-awake young man, with several years' experience, for retail seed department; reply in own handwriting, giving references and full information regarding previous experience, also stating salary expected. Currie Bros. Co., Milwaukee, Wis.

HELP WANTED—Working foreman for nursery and landscape work; must be able to handle first-class city work and take charge of men; only man with nursery experience need apply; reference required; single man preferred. Address Hillside Hardy Flower Gardens, Turtle Creek, Pa. (Pittsburgh district.)

HELP WANTED—A good live up-to-date store man; must come well recommended as a salesman and designer and capable of waiting on high-class trade; a steady position and a future for the right man; give full particulars in first letter and state salary. Address Weakley's Flower Shop, S. Highland Ave., Pittsburgh, Pa.

HELP WANTED—Man with experience in greenhouse work, where roses, carnations, mums and a general line of pot plants are grown; in central Illinois; only a good and willing worker need apply; must be of good character and sober; state where last employed and wages wanted without board. Address No. **116**, care Florists' Review, Chicago.

HELP WANTED—Young man in wholesale house; must have some knowledge of handling flowers. Kyle & Foerster, 162 N. Wabash Ave., Chicago.

HELP WANTED—A young lady florist to help in store and office; references; in an eastern city. Address No. 11, care Florists' Review, Chicago.

HELP WANTED—At once, young, single, experienced greenhouse man, also to help in store; wages, $15.00 per week. C. H. Garwood, Cheyenne, Wyo.

HELP WANTED—Gardener for small retail place; summer resort; experience in all kinds of vegetables required. Address F. M. B., Box 686, Mackinac Island, Mich.

HELP WANTED—An experienced all-round florist for retail place in suburb of Chicago; handy for telephone orders; references. Address No. 121, care Florists' Review, Chicago.

HELP WANTED—A good reliable man for store, who has had experience in growing pot plants for Easter and Christmas trade. Address Rawson The Florist, Elmira, N. Y.

HELP WANTED—Foreman for our nursery; we want a No. 1 man; a man that can pack, propagate, plant, grow and handle men; good wages for a good man. The Newburys, Mitchell, S. D.

HELP WANTED—Young man who has had 2 or 3 years' experience on commercial place where pot plant growing is a specialty; give references and state age and wages wanted. Miller Floral Co., Farmington, Utah.

FOR RENT—For a short term of years with privilege of purchase, greenhouses in a live town in western Pennsylvania. Address No. 117, care Florists' Review, Chicago.

FOR SALE OR LEASE—Greenhouses and residence, 2 acres of ground, 5000 ft. of glass; independent water system; hot water heat; southwest center of Illinois; a bargain; terms reasonable. Address No. 38, care Florists' Review, Chicago.

FOR LEASE OR SALE—5,000 feet of glass and 7-room house; private water, concrete walks; best of opportunity for market gardening; no competition in gardening or greenhouse; over 1,000 men employed within 2½ miles, with monthly payrolls of about $40,000. W. L. Leeka, Fairmount, Ill.

FOR SALE—A good live business and stock in an up-to-date, lively factory town of 6000; will lease modern residence, greenhouses and land for a term of years; only those who mean business need to reply; southern Michigan. Address No. 76, care Florists' Review, Chicago.

FOR SALE—Well established florist business in a city of 75,000, 30,000 sq. ft. of glass, 8 acres of land, hot water heat, well stocked with bedding plants, roses and carnations; store in connection; would sell ⅓ or ⅛ interest; if interested write for full particulars. James O. Murray, Peoria, Ill.

FOR SALE—Will sell my place or sell stock and rent for a term of years; reason for selling, death in family; established 25 years; four large lots; easy terms; buyer will step into a good paying business. Address W. A. Reinholdt, 605 Main St., Petaluma, Sonoma County, California.

FOR SALE—The long established florist business of John E. Haines, Bethlehem, Pa., recently deceased; 24,000 feet of glass; the business is now successfully and profitably conducted by his executor, but must be sold to carry out the provisions of his will. L. F. Leibfried, Executor, Estate of John E. Haines, dec., Bethlehem, Pa.

FOR SALE—Half interest in one of the best and oldest established retail florist businesses in southern California; illness of proprietor's wife, necessitating his partial absence from the store, cause of sale; will consider purchase of whole or any part of corporation stock. Address No. 113, care Florists' Review, Chicago.

FOR SALE—Second-hand pipe; a fine lot of 2-inch pipe, guaranteed sound; write us for prices. Baur Gas Co., Eaton, Indiana.

FOR SALE—My Seedling Transplanter; with it you can set in 5000 plants per day; send for circular. Albert A. Sawyer, Forest Park, Ill.

FOR SALE—Retail florist store, stock and fixtures; bargain if bought at once; other business. Cella, 2100 Columbia Ave., Philadelphia, Pa.

FOR SALE—Two cylinder touring car, can be used for trucking; good condition; will sell reasonably, or will exchange for orchids. E. L. N., 180 Wheeler Ave., Providence, R. I.

FOR SALE—A white enamel florist's ice box, 6 feet high, 6 feet wide, 2½ feet deep, equal to new, our make; $75.00 f. o. b. St. Louis. Address The Brecht Co., St. Louis, Mo.

FOR SALE—The prominent and good paying retail florist business of Otto Hiersekorn, St. Paul, Minn., established and doing very desirable business for 24 years; wish to retire.

FOR SALE—Two Furman sectional hot water boilers, Nos. 307 and 4008-A; eight Hitchings ventilating machines, complete, suitable for small houses; cheap for cash. Haentze Co., Fond du Lac, Wis.

FOR SALE—Retail flower store, old established, favorable lease; excellent location on northwest side of Chicago; doing good business; good reason for selling. Address Martin Peterson, 2550 W. Division St., Chicago.

IF IN NEED OF FARM HELP, SUCH AS HERDSMEN, GARDENERS, POULTRYMEN AND DAIRYMEN, APPLY TO HENRY WILLIAM GELLER, SUPERINTENDENT, BARON DE HIRSCH AGRICULTURAL SCHOOL, WOODBINE, N. J.

Situation Wanted

Salesman, Designer and Decorator, in present position twelve years as manager, wants position with first-class house; twenty years' experience; if you want a cheap artist, do not answer. Address

No. 123, care Florists' Review, Chicago

WANTED

To start business, small nursery with 1 or 2 greenhouses, if possible around Philadelphia or New York; state price and particulars. Address

LOUIS FEUN, 298 Linden St., Moorestown, N. J.

HELP WANTED

Rose and Carnation Grower

Must be first-class man who understands the growing of the above for profit. Good opportunity for right party. Single American or German-American preferred. State salary expected and send references in first letter.

THE H. WEBER & SONS CO., Oakland, Md.

Help Wanted

A competent man as **Assistant Foreman** on a nursery farm of 400 acres; state experience, age, references and salary. Good opening for the right man who knows how to handle labor.

Address
No. 109, care Florists' Review, Chicago

WANTED

First-class foreman (married man), for general retail place where plants and cut flowers are grown; one that can handle the trade and knows something about landscape work. No drinking man wanted.

J. J. LeBORIOUS, -:- Duluth, Minn.

HELP WANTED

Experienced Retail Seed Clerks
Male or female. Written application.
State experience and salary.

THE W. W. BARNARD CO.,
231-235 W. Madison Street, CHICAGO

Cash for Your Property or Business. I bring **buyer** and **seller** together, no matter where located. If you want to buy or sell, address **FRANK P. CLEVELAND, 2780 Adams Express Building, Chicago, Ill.**

FOR SALE

8000 sq. ft. of glass in thriving suburb of Cincinnati; houses well stocked with carnations and spring stock; modern equipment; two minutes' walk from car line; city water; three acres of land; five goldfish ponds. Good chance for a live florist.

JOS. VOLZ & SON
Station L. Cincinnati, Ohio

FOR SALE
TO CLOSE AN ESTATE

The property known as **THE NAGEL GREENHOUSES,** Minneapolis, Minn. For prices, description, etc., address

GEO. E. WARDEN
3008 Dupont Ave., So., Minneapolis, Minn.

Here's a Chance

15,000 square feet of modern glass for sale, built four years, two acres of land. Fastest-growing town in eastern Pennsylvania. Stocked with carnations and sweet peas. Sell 50,000 vegetable plants in spring. Within 18 miles of five large cities. Will sell cheap.

Address No. 68, care Florists' Review, Chicago

For Sale or Rent

Greenhouse plant in college town of 3500, healthy suburb 11 miles from Philadelphia; 16,000 sq. ft. glass; Lord & Burnham iron rose houses; hot water heat; newly gone over and in excellent repair; lot 150x200 ft., on main street, ¾ mile to station; property rapidly increasing in value; no house; nearby place can be rented for $12.00 month. Stocked with roses, carnations, plumosus, Whitmani, sweet peas, callas and bedding stuff. Good retail trade; place is a money-maker. Owner, woman, cannot operate. Sell $7000.00, easy terms. Rent $600.00 yearly, on 3-year lease. A bargain.

J. L. DAY, Swarthmore, Pa.

WANTED—WORKING FOREMAN, competent to take full charge of our houses. Married man, middle-aged, preferred. Don't apply if you cannot do the work.

ALSO CARNATION GROWER, to take charge of section.

J. C. RENNISON CO., SIOUX CITY, IOWA

Green Sheet Moss,
Laurel Branches and Stems,
New Stone Tomato Seed.
Write for Prices

Will exchange for Crimson Clover Seed or anything I can use.

W. Z. PURNELL, Snow Hill, Md.
Mention The Review when you write.

FLORISTS!

Don't forget when you remember that I sell all

Native Forest Greens, Cut Ferns, Festooning, Baled Boughs, Xmas Trees, Etc.

Write for price.

H. J. SMITH, Hinsdale, Mass.
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BRONZE GALAX 75 CASES

new crop, on hand, all A-No. 1 quality, size medium. To move them quickly, will make the price $2.50 per case of 10,000. F. O. B. Mt. Airy, N. C. Cash with order. Established 1900.

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SITUATION WANTED—Lady wishes to communicate with an employer of advanced ideas who will give her the privilege of boarding his employees; good cook, splendid manager. Address No. **102,** care Florists' Review, Chicago.

SITUATION WANTED—By florist and landscape gardener, vegetable, fruit and nursery stock grower, designer and decorator; years of experience and best of references; married. Address No. **118,** care Florists' Review, Chicago.

HELP WANTED—At once, competent man to grow roses, carnations and general stock for retail place; give references and state wages wanted in first letter. J. A. Bissinger, Lansing, Mich.

HELP WANTED—Indoor vegetable grower, lettuce, tomatoes and cucumbers; must be good transplanter; state wages and full particulars in first letter. Address No. **124,** care Florists' Review, Chicago.

HELP WANTED—A good all-round man, one who thoroughly understands growing and watering; married man preferred; position is in an eastern city; references. Address No. **56,** care Florists' Review, Chicago.

HELP WANTED—At once, a gardener on a private place; must be competent to look after greenhouse and hotbeds; wages, $60.00 per month, and will advance wages to the man that will make good. Address R. H. S., Box 7, Danville, Ill.

HELP WANTED—Bright, wide-awake young man, with several years' experience, for retail seed department; reply in own handwriting, giving references and full information regarding previous experience, also stating salary expected. Currie Bros. Co., Milwaukee, Wis.

HELP WANTED—Working foreman for nursery and landscape work; must be able to handle first-class city work and take charge of men; only man with nursery experience need apply; reference required; single man preferred. Address Hillside Hardy Flower Gardens, Turtle Creek, Pa. (Pittsburgh district.)

HELP WANTED—A good live up-to-date store man; must come well recommended as a salesman and designer and capable of waiting on high-class trade; a steady position and a future for the right man; give full particulars in first letter and state salary. Address Weaklen's Flower Shop, S. Highland Ave., Pittsburgh, Pa.

HELP WANTED—Man with experience in greenhouse work, where roses, carnations, mums and a general line of pot plants are grown; in central Illinois; only a good and willing worker need apply; must be of good character and sober; state where last employed and wages wanted without board. Address No. **116,** care Florists' Review, Chicago.

HELP WANTED—Young man in wholesale house; must have some knowledge of handling flowers. Kyle & Foerster, 162 N. Wabash av., Chicago.

HELP WANTED—A young lady florist to help in store and office; references; in an east city. Address No. 11, care Florists' Review, Chicago.

HELP WANTED—At once, young, single, experienced greenhouse man, also to help in store; wages, $15.00 per week. C. H. Garwood, Cheyenne, Wyo.

HELP WANTED—Gardener for small retail place; summer resort; experience in all kinds of vegetables required. Address F. M. B., box 686, Mackinac Island, Mich.

HELP WANTED—An experienced all-round florist for retail place in suburb of Chicago; must drive for telephone orders; references. Address No. 121, care Florists' Review, Chicago.

HELP WANTED—A good reliable man for store, who has had experience in growing pot plants for Easter and Christmas trade. Address Rawson The Florist, Elmira, N. Y.

HELP WANTED—Foreman for our nursery; we want a No. 1 man; a man that can pack, propagate, plant, grow and handle men; good wages for a good man. The Newburys, Mitchell, S. D.

HELP WANTED—Young man who has had 2 or 3 years' experience on commercial place where pot plant growing is a specialty; give references and state age and wages wanted. Miller Floral Co., Farmington, Utah.

FOR RENT—For a short term of years with privilege of purchase, greenhouses in a live town in western Pennsylvania. Address No. 117, care Florists' Review, Chicago.

FOR SALE OR LEASE—Greenhouses and residence, 2 acres of ground, 5000 ft. of glass; independent water system; hot water heat; southwest center of Illinois; a bargain; terms reasonable. Address No. 28, care Florists' Review, Chicago.

FOR LEASE OR SALE 5,000 feet of glass and 7-room house; private water, concrete walks; best of opportunity for market gardening; no competition in gardening or greenhouse; over 1,000 men employed within 2½ miles, with monthly payrolls of about $40,000. W. L. Leeka, Fairmount, Ill.

FOR SALE—A good live business and stock in an up-to-date, lively factory town of 6000; will lease modern residence, greenhouses and land for a term of years; only those who mean business need to reply; southern Michigan. Address No. 76, care Florists' Review, Chicago.

FOR SALE—Well established florist business in a city of 75,000, 30,000 sq. ft. of glass, 3 acres of land, hot water heat, well stocked with bedding plants, roses and carnations; store in connection; would sell ½ or ⅓ interest; if interested write for full particulars. James C. Murray, Peoria, Ill.

FOR SALE—Will sell my place or sell stock and rent for a term of years; reason for selling, death in family; established 25 years; four large lots; easy terms; buyer will step into a good paying business. Address W. A. Reinholdt, 605 Main St., Petaluma, Sonoma County, California.

FOR SALE—The long established florist business of John E. Haines, Bethlehem, Pa., recently deceased; 24,000 feet of glass; the business is now successfully and profitably conducted by his executor, but must be sold to carry out the provisions of his will. L. F. Leibfried, Executor, Estate of John E. Haines, dec., Bethlehem, Pa.

FOR SALE—Half interest in one of the best and oldest established retail florist businesses in southern California; illness of proprietor's wife, necessitating his partial absence from the store, cause of sale; will consider purchase of whole or any part of corporation stock. Address No. 113, care Florists' Review, Chicago.

FOR SALE—Second-hand pipe; a fine lot of 2-inch pipe, guaranteed sound; write us for prices. Baur Gas Co., Eaton, Indiana.

FOR SALE—My Seedling Transplanter; with it you can set in 5000 plants per day; send for circular. Albert A. Sawyer, Forest Park, Ill.

FOR SALE—Retail florist store, stock and fixtures; bargain if bought at once; other business. Cella, 2100 Columbia Ave., Philadelphia, Pa.

FOR SALE—Two cylinder touring car, can be used for trucking; good condition; will sell reasonably, or will exchange for orchids. E. L. N., 180 Wheeler Ave., Providence, R. I.

FOR SALE—A white enamel florist's ice box, 6 feet high, 6 feet wide, 2½ feet deep, equal to new, our make; $75.00 f. o. b. St. Louis. Address The Brecht Co., St. Louis, Mo.

FOR SALE—The prominent and good paying retail florist business of Otto Hierseko:n, St. Paul, Minn., established and doing very desirable business for 24 years; wish to retire.

FOR SALE—Two Furman sectional hot water boilers, Nos. 307 and 4008-A; eight Hitchings ventilating machines, complete, suitable for small houses; cheap for cash. Haentze Co., Fond du Lac, Wis.

FOR SALE—Retail flower store, old established, favorable lease; excellent location on northwest side of Chicago; doing good business; good reason for selling. Address Martin Peterson, 2550 W. Division St., Chicago.

IF IN NEED OF FARM HELP, SUCH AS HERDSMEN, GARDENERS, POULTRYMEN AND DAIRYMEN, APPLY TO HENRY WILLIAM GELLER, SUPERINTENDENT, BARON DE HIRSCH AGRICULTURAL SCHOOL, WOODBINE, N. J.

Situation Wanted

Salesman, Designer and Decorator, in present position twelve years as manager, wants position with first-class house; twenty years' experience; if you want a cheap artist, do not answer. Address

No. 123, care Florists' Review, Chicago

WANTED

To start business, small nursery with 1 or 2 greenhouses, if possible around Philadelphia or New York; state price and particulars. Address

LOUIS FEUN, 298 Linden St., Moorestown, N. J.

HELP WANTED

Rose and Carnation Grower

Must be first-class man who understands the growing of the above for profit. Good opportunity for right party. Single American or German American preferred. State salary expected and send references in first letter.

THE H. WEBER & SONS CO., Oakland, Md.

Help Wanted

A competent man as **Assistant Foreman** on a nursery farm of 100 acres; state experience, age, references and salary. Good opening for the right man who knows how to handle labor.

Address
No. 109, care Florists' Review, Chicago

WANTED

First-class foreman (married man), for general retail place where plants and cut flowers are grown; one that can handle the trade and knows something about landscape work. No drinking man wanted.

J. J. LeBORIOUS, -:- Duluth, Minn.

HELP WANTED

Experienced Retail Seed Clerks
Male or female. Written application.
State experience and salary.

THE W. W. BARNARD CO.,
231-235 W. Madison Street, CHICAGO

Cash for Your Property or Business. I bring **buyer** and **seller** together, no matter where located. If you want to buy or sell, address **FRANK P. CLEVELAND, 2780 Adams Express Building, Chicago, Ill.**

FOR SALE

8000 sq. ft. of glass in thriving suburb of Cincinnati; houses well stocked with carnations and spring stock; modern equipment; two minutes' walk from car line; city water; three acres of land; five gold fish ponds. Good chance for a live florist.

JOS. VOLZ & SON
Station L. Cincinnati, Ohio

FOR SALE TO CLOSE AN ESTATE

The property known as **THE NAGEL GREENHOUSES,** Minneapolis, Minn. For prices, description, etc., address

GEO. E. WARDEN
3008 Dupont Ave., So., Minneapolis, Minn.

Here's a Chance

15,000 square feet of modern glass for sale, built four years, two acres of land. Fastest-growing town in eastern Pennsylvania. Stocked with carnations and sweet peas. Sell 50,000 vegetable plants in spring. Within 18 miles of five large cities. Will sell cheap.

Address No. 68, care Florists' Review, Chicago

For Sale or Rent

Greenhouse plant in college town of 3500, healthy suburb 11 miles from Philadelphia; 16,000 sq. ft. glass; Lord & Burnham iron rose houses; hot water heat; newly gone over and in excellent repair; lot 150x200 ft., on main street, ¾ mile to station; property rapidly increasing in value; no house; nearby place can be rented for $12.00 month. Stocked with roses, carnations, plumosus, Whitmani, sweet peas, callas and bedding stuff. Good retail trade; place is a money-maker. Owner, woman, cannot operate. Sell $7000.00, easy terms. Rent $600.00 yearly, on 3-year lease. A bargain.

J. L. DAY, Swarthmore, Pa.

WANTED—WORKING FOREMAN, competent to take full charge of our houses. Married man, middle-aged, preferred. Don't apply if you cannot do the work.

ALSO CARNATION GROWER, to take charge of section.

J. C. RENNISON CO., SIOUX CITY, IOWA

VIOLETS

CUT BLOOMS—NOW AT THEIR PRIME

SPECIAL PRICE:
85c per doz. bunches, in lots of 5 doz.
Less quantity, $1.00 per doz. bunches.
F. O. B. San Francisco.

I am the pioneer and largest shipper. I have a special GIANT variety, single, dark purple, a wonderful keeper. Am now shipping regularly to florists in Omaha, Kansas City, etc., and not a box has arrived in bad condition. Have shipped successfully to New York. **Order a trial shipment.**

MRS. R. E. DARBEE,
1974 Bush St., San Francisco, Cal.

Mention The Review when you write.

Asparagus Plumosus and Sprengeri
Out of 2-inch pots, $3.00 per 100.
Phoenix Canariensis, out of 2½-inch pots, $5.00 per 100.
Washingtonia Sonorae, out of 2-inch pots, $5.00 per 100.
H. KEMPF, Pacific Nursery
3041 Baker St., SAN FRANCISCO, CAL.
Mention The Review when you write.

PACIFIC COAST.

Subscribers on the Pacific coast should not fail to note that their special department of The Review has grown until it now occupies five pages. Give us a boost and the Pacific Coast Department will keep right on growing.

Hayward, Cal.—Ernest Lundgren, proprietor of a nursery and vegetable garden here, says the weather has been so good on the coast this winter that there "has been no time for anything but work."

Portland, Ore.—Crout & Wilson, who are said to be the largest growers of greenhouse lettuce, tomatoes and cucumbers on the Pacific coast, are just picking a crop of 150,000 Asparagus Sprengeri seeds, indoor grown.

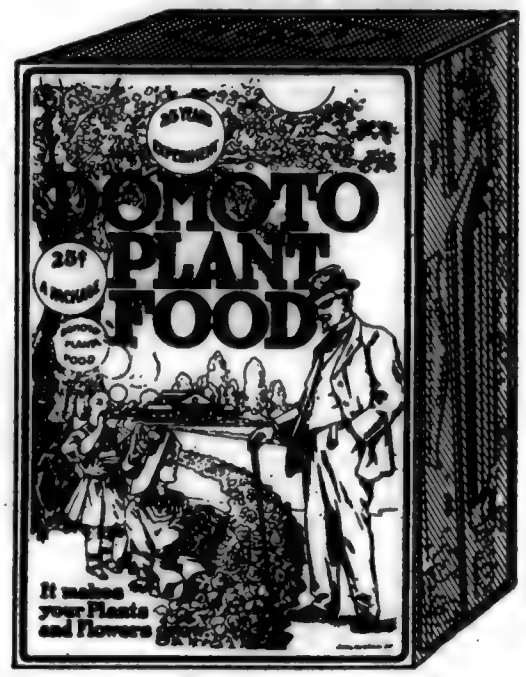
San Bernardino, Cal.—Probably the largest funeral ever held here was that of W. F. Buck, a Santa Fe official, February 5. R. D. Schuman says it gave him the biggest day's business he ever has had. Besides the local designs, dozens of others came from all points along the line of the Santa Fe and there was a carload of floral pieces from Los Angeles.

SAN FRANCISCO, CAL.

The Market.

We have had a few showers of warm rain, but only enough to lay the dust and freshen outside stock a little. Flowers of all kinds, which have been getting more plentiful for the last few weeks, are now in full bloom, and prices all along the line are lowering in a noticeable manner. Roses and carnations are of as good quality as it is possible to have them, and, with several weeks of continued warm weather and lots of sunshine, springtime is here in all its glory. The early narcissi and daffodils have never been in greater profusion or better form, and the public takes kindly to them, so that they are, with the possible exception of violets, the most popular flowers.

Fruit blossoms of half a dozen sorts sell well, and tulips, while not so much in demand as last season, seem to move fairly well. Freesias, Romans and valley are seen mostly in funeral work, and the growers complain of too much stock being produced. From advices and observation, there will be plenty of lilies for Easter, and some patches



What Is It?

It is a vegetable fertilizer.
It is absolutely odorless.
For potted plants, lawns and gardens.
25c per package.
Distributors wanted in each state. Write for particulars.

North American Mercantile Co.
318-320 Front Street
San Francisco, California

Mention The Review when you write.

Direct Importations---Tree Fern Stems
Due to arrive in the early spring of 1912.
The grandest and most graceful of all decorative plants.
Alsophila robusta, Dicksonia Antarctica, Dicksonia squarrosa, Cyathea medullaris, Cyathea dealbata, Cyathea Smithii Cyathea Cunninghami.
All sizes from three feet up.
We will also receive specimen plants of Platyceriums and Todeas,
Prices and particulars on application.
MacRORIE-McLAREN COMPANY
711-714 Westbank Bldg., SAN FRANCISCO, CAL. Nurseries, SAN MATEO, CAL.

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS SEED
Season 1911—1912.
Ready NOW--our own grown new crop seed
In Lots of 1,000 ..... per 1000, $2.50
In Lots of 10,000 ..... per 1000, 2.00
In Lots of 20,000 ..... per 1000, 1.75
In Lots of 50,000 ..... per 1000, 1.50
Write for quotations on larger lots.
Los Angeles Flower Market, 414½ South Broadway LOS ANGELES, CAL.

Mention The Review when you write.

JAPANESE LILY BULBS
For Advance Orders—1912 Fall Delivery
All orders will be highly esteemed before April or May.
Lilium Giganteum, Longiflorum, Formosa, Multiflorum, Magnificum, Melpomene, Rubrum, Album, Auratum, etc.
Let us supply your wants in Lilies this season. Large stock, far below price, strictly choice, high-grade. Connect directly with growers and exporters in Japan. Write for price list for 1912. **Time is now.**
Japan Lillum Co., 926 40th St., **Oakland, Cal.**

Mention The Review when you write.

SHASTA DAISIES

Alaska, California and **Westralia,** extra strong field divisions, $24.00 per 1000; $2.50 per 100.

Cyclamen Persicum Giganteum, 3, 4 and 5-in. pots, $7.00, $12.00 and $20.00 per 100. Fine bushy plants, well budded.

Asparagus Plumosus, 3-in., $5.00 per 100.

Asparagus Sprengeri, 3, 4 and 5-in. pots, $5.00, $8.00 and $15.00 per 100.

Also **Shasta Daisy, Pentstemon Hybridum Grandiflorum, Delphinium Hybridum** and other choice seeds. Send for list.

Cash, please.

FRED GROHE, Santa Rosa, Cal.

R. D. 4.

CURRIER BULB CO.

Wholesale Growers of

Bulbs and Plants

SEABRIGHT, CAL.

Gladiolus and Calla Lilies a specialty. Large stock of America Gladiolus.

Mention The Review when you write.

A Few Bargains, on roses, carnations, chrysanthemums and general line of bedding stock.
S. A. Nutt Geraniums, 2½-in., strong, 3c.
Mme. Salleroi, R. C., 1c.
Petunia, double, R. C., 2c.; **single,** 1c.
German Giant Pansies, Mette's Triumph, the Giants, Mme. Perret, Masterpiece, Five Blotched, Cassier and many others, $3.00 per 1000. Act quickly, as they will not last long at this price.

Send for Price List.

F. G. EHLE, 224 Sanborn Ave. SAN JOSE, CAL.

Mention The Review when you write.

are already flowering profusly. In other kinds of stock there is little or no change, and as long as this beautiful weather continues prices will be low.

Various Notes.

The H. M. Sanborn Co. has sold the Dwight-Way Nursery, Berkeley, to A. Rossi & Co., the well-known green goods firm.

Leading nurserymen of Alameda, Santa Clara and several other counties formed a delegation last week and proceeded to Sacramento and were successful in having the horticultural inspectors remove the quarantine laws against fruit trees from their respective localities.

John E. Stone, formerly of Los Angeles, is in town, with the intention of permanently establishing himself here.

G.

LOS ANGELES, CAL.

The Market.

Business has been fine since last writing, and stock of all kinds cleans up well daily. There has been quite a shortage in medium and short grades of roses, but no difficulty is found in filling orders for long-stemmed stock. The demand for Beauties has almost doubled and several of the retailers had to call on the northern growers, owing to scarcity of local stock. The best, or greenhouse, carnations are not too plentiful, but there is no shortage in outdoor stock.

Bulbous stock is coming in fine shape and it will take some pretty tall hustling to move the large numbers of flowers that will be in the market by the time these notes appear. Golden Spur and Maximus are leaders in the narcissi. Freesias are plentiful and good from indoors and from cloth houses, and the dry weather is all in favor of these flowers where irrigation is carried on. Sweet peas and violets are both plentiful and there is an abundance of stocks, centaureas and other outdoor flowers.

The almond boughs in full bloom that are now offered in quantity are fine for decorations, several retailers using them with good effect in their window displays. Acacia is also in. The scarcity of greens seems to have been overcome—at any rate there is no longer any complaint on this score. Orchids in variety and lily of the valley are plentiful. Big funeral orders have helped materially to clean up

Dorothy Gordon

Fine soil plants, $30.00 per 1000; f. o. b. Loomis.

CARNATION CUTTINGS

ROOTED OR UNROOTED.	100	1,000	Unrooted 1,000
Enchantress	$2.50	$20.00	$10.00
R. P. Enchantress	2.00	18.00	10.00
Dorothy Gordon	3.00	25.00	12.50
Victory	2.00	17.50	10.00
Harlowarden	1.75	15.00	8.00
Alma Ward	2.50	22.50	11.50
Admiration	2.00	18.00	9.00

Twenty-five or more at 100 rate, 250 at 1000 rate. We prepay on orders amounting to $10.00 or more for rooted cuttings. All orders for unrooted cuttings F. O. B. Loomis.

LOOMIS CARNATION CO., D. F. RODDAN & SON, Props. **Loomis, Placer Co., Cal.**

Mention The Review when you write.

Carnation Rooted Cuttings

For February and March Delivery.

Beacon, Enchantress, Lawson, Estelle, Winsor, $2.00 per 100; $17.50 per 1000. Dorothy Gordon, $3.00 per 100; $25.00 per 1000. Victory, White Perfection, Rose-pink Enchantress, $2.50 per 100; $20 00 per 1000. Healthiest, cleanest plants you can find on Pacific coast. No cuttings taken from outdoor stock.

ASPARAGUS PLUMOSUS NANUS

2½-inch pots, from flats, ready for 3-inch pots.....per 100, $2.50; per 1000, $20.00

PANSY PLANTS, Henry Mette's Triumph of Giant, per 1000, $5.00.

Express charges prepaid on orders amounting to $10.00 or more. All orders must be accompanied by cash.

Send for special price lists for **Chrysanthemums** and **Border and Bedding Stock.**

H. HAYASHI & CO., 73rd Avenue and Thomas Street, **Elmhurst, Cal.**

Mention The Review when you write.

Rooted Carnation Cuttings

READY NOW

	Per 100	1000		Per 100	1000
Enchantress	$2.00	$18.00	Winsor	$2.00	$18.00
R. P. Enchantress	2.00	18.00	Winona	2.00	18.00
Pure White Enchantress	2.25	20.00	Beacon	2.00	18.00
Dorothy Gordon	3.00	25.00	Victory	2.00	18.00
Pink Delight	3.00	25.00	Eldorado	2.00	18.00

Express prepaid on orders amounting to $10.00 or more.

BASSETT'S FLORAL GARDENS, B. S. BASSETT, Proprietor **LOOMIS, CAL.**

Mention The Review when you write.

Rooted Carnation Cuttings

Immediate Delivery

	100	1000		100	1000
Rose-pink Enchantress	$2.00	$18.00	Eldorado	$1.80	$17.00
Enchantress	1.80	17.00	Victory	1.80	17.00
W. Enchantress	2.00	18.00	Winona	1.70	16.00
Beacon	1.80	17.00	W. Perfection	2.50	20.00
Harlowarden	1.70	16.00	O. P. Bassett	2.50	20.00
White Lawson	1.80	17.00	Winsor	2.00	18.00

All heel cuttings and well rooted. **FALLEN LEAF GREENHOUSES, Roseville, Cal.**

Mention The Review when you write.

CARNATIONS

ROOTED CUTTINGS

Enchantress, R. P. Enchantress, Winsor, O. P. Bassett, Victory, May Day, Boston Market, Eldorado, Harlowarden, Flora Hill, $18.00 per 1000.
Pink Delight, $25.00 per 1000.

El Durasno Flower Co., Newcastle, Cal.

L. A. SMITH, Manager

Mention The Review when you write.

CYCLAMEN

	Each
6-inch, stocky	$0.50
5-inch, stocky	.35
4-inch, stocky	.20
Primula Forbesi, 3-inch, ready for shift	.06
2¼-inch, ready for shift	.03
3-inch, outdoor varieties, mixed colors	.04
Shasta Alaska, Golden Glow, Golden Rod, strong divisions	.02
Coreopsis Lanceolata, transplanted plants	.01

30 leading varieties of **Mum Cuttings,** ready after March 1st. Write for varieties and prices.

SAN JOAQUIN FLORAL CO.
336 E. Weber Ave., STOCKTON, CAL.

Mention The Review when you write.

CARNATION SPECIALISTS

California Carnation Co.

LOOMIS, CAL.

Always mention the Florists' Review when writing advertisers.

Marguerite Mrs. F. Sander
Rooted Cuttings.....$2.50 per 100
Asparagus Plumosus
Planted out, ready for 3-in.....$2.50 per 100
Chrysanthemum Stock Plants
Col. Appleton, Maj. Bonnaffon, Silver Wedding, $2.50 per 100.
Yellow Eaton, Goldon Chadwick, Halliday, Oct. Sunshine, Monrovia, Golden Glow, Kalb, V. Poehlmann, Oct. Frost, Touset, A. Byron, W. Chadwick, Lynnwood Hall, Balfour, Dr. Enguehard, Pacific Supreme, Gloria, Amorita, J. Rosette, stock plants, $4.00 per 100; 60c per doz. Try my ASTER SEED. See my classified ads under seeds.
M. J. CALLAHAN, Ventura, Cal.
Mention The Review when you write.

STANDARD POTTERY CO.
652-4 S. Griffin Ave., Los Angeles, Cal.
West India Gardens, Altadena, Cal.
Standard Pottery Co., Dear Sirs:—You have now delivered us about 34,000 4-in. pots out of the order for 40,000 we placed with you. Same have been entirely satisfactory. As soon as you have completed the order for 40,000, deliver us two good loads more of 4-in. pots, or about 4000 or 5000, then hold till further advices. We shall probably want 5000 to 7000 more.
(Signed) F. O. Popenoe, President.
Flower Pots, Vases and Ornamental Ware For Florists' Use Only.
Mention The Review when you write.

HOWARD & SMITH
Ninth and Olive Sts., Los Angeles, Cal.
For all classes of
Ornamental and Flowering Plants
Roses a Leading Specialty
Nurseries cover nearly 100 acres.
Mention The Review when you write.

Asparagus Sprengeri
Cut Sprays, 2 to 4 feet long,
$1.00 - per 100
Walter Armacost
OCEAN PARK :: CAL.
Mention The Review when you write

MEXICAN IVY Best and Most Lasting Green
Prices f. o. b. Los Angeles or Santa Cruz, Cal.

Mexican Ivy	1000,	$5.00
Brake Ferns	1000,	2.50
Smilax Strings,	doz.,	1.50
Asp. Plumosus	doz.,	3.50
Huckleberry,	bunch,	.50

All Classes of Greens and Cut Flowers
Cash from unknown parties
Tassano Bros. 356 S. Hill St., 304 W. 9th St.,
Wholesale Florists LOS ANGELES, CAL.
Mention The Review when you write.

J. A. Bauer Pottery Co.
415 to 421 Avenue 33, Los Angeles, Cal.
Carry a large stock of nice **Red Pots.**
All orders shipped promptly.
Largest Pottery on Pacific Coast.
Mention The Review when you write.

BARGAIN PRICES
Selling out all nursery stock except Kentias. **Areca Sapida**, potted, 2, 2½, 3, 3½, 4, 4½, 5, 5½-feet, at $1.20, $1.40, $1.80, $2.30, $2.90, $3.50, $4.20, $4.80 each. **Phoenix Canariensis**, balled and ready for shipment, 3, 3½, 4, 4½, 5, 5½-feet, at 60c, 80c, $1.00, $1.20, $1.45, $1.75 each. **Phoenix Can.**, from 2½-inch, $5.00 per 100. **Washingtonia Rob.**, from 2-inch, $4.50 per 100. **Cocos Plumosa**, balled, 3, 4, 5, 6, 7 feet, at $1.00 $2.00, $3.00, $4.50, $6.00 each.
Write for special prices on carload orders.
Kentia Nurseries. - Santa Barbara, Cal.
Mention The Review when you write.

PALMS PALMS PALMS PALMS PALMS
WASHINGTONIA ROBUSTA
1, 1½, 2, 2½, 3 and 3½ ft., at 25c, 30c, 40c, 45c, 55c and 75c each (balled plants). Ask for our Wholesale Palm List of all kinds of Palms (Cocos, Phoenix, Seaforthia, etc.) State quantity wanted.
EXOTIC NURSERIES, Santa Barbara, Cal.
PALMS PALMS

Always Mention the...
FLORISTS' REVIEW
When Writing Advertisers

stock and out-of-town business increases weekly. The wholesale houses are increasing their shipping staffs.

Society Meeting.

An interesting meeting was held in Kruckeberg hall February 6, when Ernest Braunton was scheduled to speak on "Palms for Outdoor Culture" before the members of the Los Angeles County Horticultural Society.

In the absence of President Payne and Vice-president Reese, J. J. Reeves presided and, after a few business matters had been disposed of, called on Mr. Braunton, who said he had not had time to prepare a set speech, but he made a most interesting extemporaneous talk on the California fan palm, Washingtonia filifera.

The speaker has traveled considerably and told of the climatic changes that have taken place in the habitat of this palm, owing to the recession of the sea from that part of California, thus making a more arid, cooler climate than formerly. For this reason Mr. Braunton contends that it is only a matter of time before this palm will become extinct, as seedlings are not plentiful under the altered conditions of climate and the palm does not live to a great age.

An interesting discussion followed, in which many members took part, but Mr. Reeves kept things moving and was able to adjourn at a reasonable hour.

The next meeting will, it is hoped, be a public one in the Chamber of Commerce rooms.

Various Notes.

J. Dieterich has received another consignment of large sago palms from Japan. These are surely quaint looking objects when they arrive and they attract a good deal of attention.

Several weddings and other decorations have kept the staff of The Roserie on the jump of late. Several changes have been made in the personnel of the staff.

Business has been exceedingly brisk with the H. N. Gage Co., large shipping orders to distant points going forward daily. Among the more prominent of the stocks noted here were fine Freesia Purity and F. refracta alba from indoors, but the outdoor stock is just about ready. Daffodils are good and plentiful.

The Freeman-Lewis window was most attractive this week. It was treated with almond boughs in full bloom and some fine white lilacs in pots. A suggestion of gray in the ribbon used was pretty.

The Angelus Flower Shop made a gorgeous showing of orchids this week, especially good cattleyas, white phalænopsis and Dendrobium superbum being among the best.

Albert Knopf, of the Redondo Floral Co., was under the weather a few days, but is back at the store again.

At the funeral of the late Mr. Buck, superintendent of construction for the Santa Fe railroad, an enormous amount of work was used. Morris Goldenson had to charter a special car to take his pieces down to San Bernardino, where the deceased had lived, and J. Gordon had charge of the floral end. The railway shops were closed and 1,200 employees followed the body to the grave.

An order for $235 worth of Amer-

It Pays

To Pacific Coast Florists:

What stock have you for sale to the trade?
Is it moving as it should?
No?

Then tell the trade about it by using the Pacific Coast Pages of The Review.

Pacific Coast advertisers almost invariably report good results. Like this:

We are well pleased with the results obtained by advertising in the Pacific Coast Department of The Review. We sold out clean for Thanksgiving and refused many orders. The Review surely gives results.—Van Slyke & Seamons, Tacoma, Wash., November 30, 1911.

The transient rate for space is $1 per inch per insertion. Those who have stock to offer all or a considerable part of the year around should write for contract rates.

Florists' Publishing Co.
508 So. Dearborn Street : CHICAGO

ican Beauty roses was filled recently by the Hayward Floral Co. The window is always attractive here and good stock is shown.

Tassano Bros. keep busy at both stores and, in addition to their business in greens, handle large stocks of cut flowers.

Trade at the Los Angeles Flower Market has kept up beyond the most sanguine expectations of Manager C. Morton. Five men are constantly employed now and have all they can do. The first of the Brazee daffodils came in February 2 and about 6,000 a day is the rate of cutting now. The Purity freesias from Fischer's and Young's ranches at San Gabriel are handled here exclusively. Trade in supplies is also increasing.

At the Superior Nursery, Fifty-ninth and Compton streets, Mr. Gutting is propagating Boston and Amerpohlii ferns largely. Besides being the largest local place devoted to pot plants, this firm also has a tract of land near Wilmington, where choice nursery stock is grown. They are now shipping dormant field-grown roses.

Creutz & Co. have moved from their old location at Fourth and Broadway to 403 West Eighth street. Business seems to have a tendency to go south and the change will probably be a good one, especially as there are much better facilities in the new place with which to handle this firm's increasing business in greens and cut flowers at wholesale. Mexican ivy is a strong specialty here, as is also good valley.

Propagation of all classes of young stock is going on briskly at the Dieterich & Turner greenhouses at Montebello. There are large and healthy blocks of Boston and other ferns, roses in all the popular and many new varieties and a big stock of the new marguerite, Mrs. F. Sander. A big season's shipping business is foreshadowed in the large number of advance orders received.

The news of the death of A. R. Meserve, horticultural commissioner for Los Angeles county, as recorded in the obituary column in this week's issue, was received by all in the trade with great regret. H. R. Richards.

TACOMA, WASH.

The Market.

The last week was a busy one for the local florists, as each one had a generous amount of funeral work, which cleaned up what at first had looked like an oversupply. The death of Ex-Representative Shutt and of Thomas Berry, both prominent men of this city, called for a great deal of the finer designs, and many expensive and elaborate pieces were put up. One casket cover, made entirely of violets, lily of the valley and orchids, was undoubtedly among the best ever seen in this city. Stock is coming in more plentifully, especially carnations, many of which are of poor quality, with weak stems. Bulbous stock is plentiful, but sells well, and the same can be said of potted plants of all kinds.

Various Notes.

George Seaverns, manager of the Northwestern Floral Co., reports business good, especially along the line of nursery stock. This city has felt the need of a good nursery stock to select from, as buying from outside parties has been unsatisfactory.

Arrangements have been completed for the annual rose show, to be held in this city sometime in June. This carnival has come to be second to none in this part of the country and is meeting with the generous support it de-

REMOVAL NOTICE

We wish to announce that we have removed to larger and more commodious quarters at **403 W. Eighth Street,** where we will continue to carry the same large and select stock of choice Cut Flowers and Greens. Our increased facilities will enable us to handle a very much larger volume of business and we respectfully solicit your orders.

We cover Texas, New Mexico, Arizona, Utah, Nevada and all western points, and can guarantee arrival of all goods in perfect condition.

SPRING FLOWERS:—Daffodils, Hyacinths, Freesias and Tulips. We are handling the finest grades of these and can supply all demands. We make daily shipments to all points. A trial order will convince you of the merits of our stock. Write, phone or telegraph. Home phone, F 5407.

CREUTZ & CO.

403 W. Eighth Street, Los Angeles, Cal.

Mention The Review when you write.

Los Angeles Flower Market

CHAS. E. MORTON, MGR. **414½ S. Broadway, Los Angeles, Cal.**

The best equipped wholesale house on the Pacific Coast. Handling the entire cut from eighteen large growers. Roses, Carnations, Violets, Plumosus, Ferns, Smilax, in fact everything in season.

FLORISTS' SUPPLIES

Write, telegraph or telephone your orders. Prompt attention given.

Mention The Review when you write

Sweet Peas For Northern Shipments

also fine assorted Stocks, Gilliflowers and Sweet Sultans — lavender and white.

SAN FRANCISCO DEALERS PLEASE NOTE

Cut Flowers, Greens and Florists' Supplies

Orders booked now for new crop seed when ready. **Asparagus Plumosus,** $2.00 per 1000. **Asparagus Sprengeri** (ready now), 50c per 1000; $3.00 per lb. Small quantity of **Smilax** seed left, 1911 crop, cheap to clear. These prices are net. All orders from unknown parties must be accompanied by either cash, money order or certified check.

H. N. GAGE CO., Wholesale Florists and Supplies, 534 SOUTH BROADWAY, **LOS ANGELES, CAL.**

Mention The Review when you write.

SURPLUS STOCK--CHEAP TO CLEAR.



Field-Grown Roses—Two-year-old, own root, 20 to 36 inches high. For cash only. Lots of 500 and up 5 per cent off.

	Per 100
5000 American Beauty	$10.00
5000 La France	9.00
3000 Baby Rambler	10.00
.... Cherokee, pink and white	10.00
2000 Ulrich Brunner	10.00
2000 Caroline Testout	10.00
1000 Climbing C. Testout	10.00
2000 Frau Karl Druschki	10.00
1000 White Cochet	10.00
3000 Francisca Kruger	9.00
3000 Duchess of Albany	9.00
3000 Duchess de Brabant	$ 9.00
1000 Richmond	10.00

PALMS

Phœnix Canariensis (3-in..)	10.00
6000 P. Canariensis, one year established in 5-gallon cans, 3 ft. to 6 ft. high, 75c, $1.00 to $1.50 each.	
1000 Washingtonia Robusta, in 5-gallon cans, 3 to 4 ft. high, 75c up.	

YOKOHAMA NURSERIES, R. F. D. No. 8, Box 6, LOS ANGELES, CAL.

Mention The Review when you write.

40,000 BOSTON FERNS

2 and 2½-in., fine, hard, well-leaved stock, just right to grow on for summer sales.

DIETERICH & TURNER

MONTEBELLO, CAL.

THE PROGRESSIVE FIRM

Mention The Review when you write.

4000 Poinsettia Plants

Large field-grown plants, 1 to 10 years old, $10.00 to $15.00 per 100. Must sell. Lease expires. Whittlesey Floral Co., 1017 S. Boyle Ave., Los Angeles, Cal.

Mention The Review when you write.

serves, not only from those closely connected with the enterprise and those engaged in the trade, but also from other residents of the city. Suitable prizes will be given to both professional and amateur exhibitors.

At the regular meeting of the Florists' Club, February 1, it was decided to entertain the florists' ladies at the next regular meeting. A committee was appointed to provide entertainment and refreshments. It was also decided not to have the talked-of chrysanthemum show this fall, but rather to coöperate with the Seattle club, the show to be held in that city. There was much discussion in regard to the taxation of growing stock in the greenhouse. It seems to be the general opinion that this stock should not be taxed, as is possible under the present laws of this state. The next regular business meeting of the Florists' Club will be held March 7.

J. L. S.

SEATTLE, WASH.

The Market.

The flower business last week was not any too encouraging. Stock of all kinds is overabundant. Carnations have been practically a glut on the market and have been selling for prices that are unprecedented at this time of year—at prices so low as to induce some of the department stores to have special sales of cut flowers. Unless prices improve shortly, there is a probability of flowers getting scarce; at these prices the flowers will not pay for help and fuel, and the growers will go into the vegetable business. Daffodils and all bulbous stock are selling at unremunerative prices. Good roses are now plentiful and lilies are in small demand for funeral work. Cyclamens, cinerarias and primulas are plentiful.

Various Notes.

George Roede, for some time with the Fremont Floral Co., has leased the greenhouses at Sixty-seventh street and Fourteenth avenue, northwest, in Ballard, lately occupied by C. W. Bridges.

Andrew Mathieson is taking a two weeks' vacation at Oakland, Cal.

T. W.

PORTLAND, ORE.

The Market.

Business last week showed a slight increase over the last report. Stock is becoming more plentiful along all lines, hence the drop in the prices. Carnations are in excess of demand, and, with the increasingly balmy weather, the market will be glutted. Roses are plentiful in all varieties. Spring flowers are plentiful; daffodils and tulips predominate. Valley, orchids and local violets are plentiful, and move well. Green goods are the scarcest commodity on the market, which is the normal condition at this season. The California market is relied upon to supply the deficiency.

Various Notes.

The opening of the Multnomah hotel, which is the finest of its kind in the northwest, created an unusual demand for plants and flowers. Lubliner supplied the plant decorations and filled the window boxes. Martin & Forbes had the flower decorations. The lobby and ball room were arrayed with American Beauties, using about 600 in all. The rest of the florists had their share of the business.

Gus V. Peterson, of the Hollywood Gardens, Seattle, was a week-end caller.

E. R. C.

PORTLAND'S SILVERTHAW.

January 6 Portland, Ore., was treated to one of its own brands of winter weather that we in this jungle call silverthaw. Back east it would be a protracted sleet storm. The rain poured down steadily for the whole day, freezing tightly on everything it touched, the temperature being 30 degrees. Toward evening trees were breaking in every direction under the load of ice, telephone wires not faring any better.

A lesson was to be learned from this storm which is worth observing by Review readers. All the well trimmed shade trees were not harmed a bit, while those that have not seen a gardener under their branches for years were all broken to pieces or completely ruined. I had the daily papers take notice of this feature by a short article well to the point, trying to impress the public with the importance of proper professional care of shade trees. However, many trees are standing yet, witnesses of the carelessness of their owners. But I will take care to draw

[Concluded on page 80.]

INSURE YOUR ASTER CROP

Our **high-grade seed** of only the **best American asters** is a reasonable protection against failure. This carefully selected seed, properly cultivated, never fails to produce **first-class flowers.**

	⅛ oz.	¼ oz.	½ oz.	1 oz.
Crego Aster, in white, shell-pink, rose-pink, lavender and purple	$0.40	$0.75	$1.50	$3.00
Vick's Mikado Pink "Rochester," a lavender-pink	.40	.75	1.50	3.00
Daybreak and **Purity,** delicate pink and snow white	.30	.55	1.10	2.00
Lady Roosevelt, bright pink	.25	.50	.70	1.00
Dreer's Superb Late Branching, in five colors of Crego	.25	.50	.70	1.00

Ask for descriptive circular. Send cash with order.

HERBERT & FLEISHAUER, Aster Specialists, McMINNVILLE, ORE.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

	R. C. 100	R. C. 1000	2½-in. pots 100	2½-in. pots 1000		R. C. 100	R. C. 1000	2½-in. pots 100	2½-in. pots 1000
Enchantress	$2.50	$20.00	$3.50	$30.00	Harlowarden	$2.50	$20.00	$3.50	$30.00
White Enchantress	2.50	20.00	3.50	30.00	Beacon	3.00	25.00	4.00	35.00
Winsor	2.50	20.00	3.50	30.00					

Chrysanthemum Cuttings, all leading varieties, at $2.00 per 100, $15.00 per 1000.

Woodland Park Floral Co. S. Poolman, Mgr. P. O. Lock Box 86. SUMNER, WASH. Phone Farmers 84.

Mention The Review when you write.

Japanese Genuine Lily Bulbs

We book orders now. Don't miss it. The stock we offer is grown for American trade and strictly choice, high-grade. Write for price list for 1912. Specialists in all kinds of Japanese Lily Bulbs.

S. MIYAKE & CO., 1020 Main St., SEATTLE, WASH.

Mention The Review when you write.

"HIGHEST QUALITY"

Seeds, Plants, Bulbs and Supplies

Florists' and Gardeners' Trade solicited. Catalogue on request.

Routledge Seed & Floral Co.

169 Second St., PORTLAND, ORE.

Mention The Review when you write.

BURNS FLORAL CO.

601 Third Avenue
SEATTLE, WASH.

WHOLESALE FLORISTS

Carnations a Specialty

Mention The Review when you write.

RAHN & HERBERT

110 E. 49th St., PORTLAND, ORE.

GERANIUMS

2-in. pots. Hill, Nutt, Jacquerie, Trego, Chapatin, Landry, Buchner, $3.00 per 100; $25.00 per 1000. Hall Caine, $5.00 per 100. Ivy Geranium, Baden Powell, Charles Turner, Ryecroft's Surprise, $3.50 per 100. Daisy, Mrs. Sander and Soleil d' Or, 2-in. pots, $5.00 per 100.

Palms, Ferns and Araucarias.

Mention The Review when you write.

A TUB THAT LASTS



PATTON WOODEN WARE CO.

SEATTLE, WASH.

Mention The Review when you write.

Choice Cyclamen, grown cool, full of blooms 6-in., 65c, 75c; 5-in., 50c, 60c. **Sprengeri and Plumosus Nanus,** 3-in., $6.00 100. **Geraniums,** 3-in., $5.00 100. **Carnations,** March delivery: Beacon, $25.00 1000; Perfection, White and Pink Enchantress, Sangamo, Alma Ward, $20.00 1000. **Mum Stock,** standard varieties, $4.00 100. Smith's Advance, Gloria, Sisowath, Donatello, Patty, Polypheme, Western King, $5.00 100. **Two-year-old Rose Bushes, Perennials, etc.**

Van Slyke & Seamons, Tacoma, Wash.

Mention The Review when you write.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Wolfe the Florist
in **WACO, TEXAS**
The center of Texas.
Send us your Orders for Cut Flowers.

Orders for
BIRMINGHAM, ALA.
Well taken care of by
AMZI GODDEN SEED CO.
Established 1857.
Facilities for supplying everything in the line of
CUT FLOWERS AND DESIGNS

BUFFALO
S. A. ANDERSON
440 MAIN STREET
Special Deliveries Niagara Falls and Lockport

Write, Wire or Phone your orders to
YOUNG'S
1406 Olive St., ST. LOUIS, MO.
Regular discount allowed on all orders, either Plants or Cut Flowers.
Phones: Bell, Main 2306; Kinloch, Central 4981

SAN FRANCISCO
Podesta & Baldocchi
224 Grant Avenue
Prompt and careful attention to orders from out-of-town florists

The Cleveland Cut Flower Co.
CLEVELAND, OHIO
Will fill your orders for Designs or Cut Flowers in Northern Ohio.

MARION FLORAL CO.: **Marion, Ind.**
Central Northern Points. Store: 406 South Adams

PROVIDENCE, R. I.
and all New England Points
T. J. JOHNSTON & CO.
171 Weybosset Street, Providence

BEYER FLORAL CO. SOUTH BEND, IND.
Daily deliveries to Notre Dame University and St. Mary's Academy.

MADISON, WIS.
Capital City Greenhouse Co.
Best Shipping Service for Wisconsin

All orders receive prompt and personal attention.
LOU HELEN DUNDORE, THE ROSERY
110 W. King St., LANCASTER, PA.

CORNELL and WELLS COLLEGES and
CENTRAL NEW YORK ORDERS
Dobbs & Son, Wholesale and Retail Florists, Auburn, N.Y.



SEND
YOUR ORDERS FOR
DIXIE LAND
TO
IDLE HOUR NURSERIES
MACON, GEORGIA
All Choice CUT FLOWERS in Season
Orchids and Valley a specialty

VERMONT'S FLORIST
W. E. PETERS
187 St. Paul Street, BURLINGTON, VT.

Baltimore, Md.
ALBERT G. FIEDLER & CO., 902 South Charles St.

I. N. KRAMER & SON
CEDAR RAPIDS, IA.

Chas. W. Crouch, KNOXVILLE, TENN.
The Leading Florist of the South
All Orders Given Special Attention

ST. LOUIS.

The Market.

The market last week was in better condition than it has been for some time. The consignments at the four wholesale markets were large. One good feature of the market was that the trade could obtain their full orders in roses and carnations. These flowers, our local growers say, will be quite plentiful from now on. The prices on these have also gone down a notch or two; the quality of the bulk of them is fine.

The supply of violets has been more than the demand could consume. This week, for Valentine's day, the price will be $7.50 per thousand and the market will afford thousands, as the weather is just right for them. Bulb stock is obtainable at all the markets in any quantity. The quality of tulips, Von Sions and valley seen last week was the best. Lilies are abundant; also Romans and Paper Whites. The retail trade expects much business during the few days left for the social season.

Club Meeting.

The Florists' Club held an interesting meeting Thursday afternoon, February 8, in its meeting rooms in Odd

We Guarantee Satisfaction
A. T. Bunyard FLORAL CO.
413 Madison Ave., Cor. 48th St., NEW YORK
Bellevue Avenue, Newport, R. I.

WALKER FLORIST
Hippodrome Building,
44th STREET & SIXTH AVE.
TELEPHONE 714 BRYANT NEW YORK.
STEAMER ORDERS A SPECIALTY.

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand.
McKenna
MONTREAL

FRED EHRET
WHOLESALE AND RETAIL FLORIST
1407 Fairmount Ave. and 702 N. Broad St.,
PHILADELPHIA
Orders for Philadelphia and surrounding country carefully filled on short notice.

MYER L. D. Phone 6297 Plaza
609-11 Madison Ave., New York

WELLESLEY COLLEGE
Dana Hall, Walnut Hill, Rockridge Hall Schools
TAILBY, Wellesley, Mass.
Long Distance Tel., Wellesley 44-1, 44-2, 44-3.

TEXAS Dallas Floral Co.
DALLAS, TEX.
H. F. GREVE, Prop.

Rosemont Gardens
W. B. Paterson, Prop., 116 Dexter Ave., MONTGOMERY, ALA.

HESS & SWOBODA, FLORISTS
Telephones 1501 and L 1582
1415 Farnum Street OMAHA, NEB.

U. J. VIRGIN
838 Canal St. NEW ORLEANS, LA.

Lang Floral & Nursery Co., DALLAS, TEXAS.
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

Prompt and personal attention given all orders.
MRS. J. T. HINCHLIFFE
FLORIST
504-506 Wisconsin St., Racine, Wis.

GEO. C. BAKER, Florist
206 E. Park Ave., San Antonio, Texas

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

J. A. VALENTINE, Denver, Pres.
Other Directors: Ernst Wienhoeber, Philip Breitmeyer, A. B. Cartledge, W. F. Gude, George Asmus, Fred H. Meinhardt.
Mutual Discounts 20 per cent. Provision for guaranteed accounts

W. J. PALMER, Buffalo, Vice-Pres.

Florists' Telegraph Delivery

(RETAILERS' SECTION—S. A. F. & O. H.)

W. L. ROCK, Kansas City, Treas.
Write for particulars to
IRWIN BERTERMANN, Secretary,
241 Massachusetts Avenue,
Indianapolis, Ind.

CHICAGO

Send Your Orders to..
William J.

SMYTH

Member Florists' Telegraph Delivery Association.
Michigan Ave., at 31st St.

New Orleans,

LOUISIANA

Yours for Quality and Promptness.

30 Years of Success.

THE AVENUE FLORAL CO.
3442 St. Charles Ave.

J. F. WILCOX & SONS,

521 Broadway, Council Bluffs, Iowa.
Wholesale and Retail
Largest Greenhouse Establishment West of Chicago.
Orders delivered anywhere, including Iowa, Nebraska, North Dakota and South Dakota. Free deliveries to Omaha.

The Park Floral Co.

J. A. VALENTINE, Pres.
Member Florists' Telegraph Delivery.
DENVER, - COLORADO

BOSTON, MASS.

Penn, The Florist

"Penn, The Telegraph Florist"
Members of Florists' Telegraph Delivery Association.
37-43 BROMFIELD STREET

Los Angeles, Cal.

THE ROSERIE
FLORIST
LARGEST STORE IN CALIFORNIA
721 SOUTH BROADWAY
C. J. MULLER, Proprietor
Orders for Designs or Cut Flowers promptly filled. Trade discount.

JOHN BREITMEYER'S SONS

Corner Broadway and Gratiot Ave.,
DETROIT, MICH.

CARBONE, 342 Boylston St.,

BOSTON
Member Florists' Telegraph Delivery Association

HAYWARD FLORAL CO.

216 West Sixth St., LOS ANGELES, CAL.

Cut flowers or good design work by best artists and designers, delivered anywhere in the west on receipt of mail or telegraph orders. Usual discount to the trade.

DRUMM SEED and FLORAL CO.

507 Houston St., FORT WORTH, TEX.
Headquarters for Cut Flowers and Funeral Designs

J. J. BENEKE

1216 Olive St. ST. LOUIS, MO.

Your orders for ATLANTIC CITY, N. J., will be carefully filled by
George H. Berke
1505 Pacific Ave.
Member Florists' Telegraph Delivery.

Thee Florists

328 W. Fifth St., Los Angeles, Cal.

We make a specialty of out-of-town orders and solicit your business, which will have our prompt attention. Prices right. Usual discount.
FRANK LICHTENBERG, Prop.

W. J. Palmer & Son

304 Main St., BUFFALO, N. Y.
Members Florists' Telegraph Ass'n

WOLFSKILLS'
and
MORRIS GOLDENSON
Consolidated.
CUT FLOWER MERCHANTS
We solicit telegraph orders.
Regular Trade Discount.
229 W. Third Street, LOS ANGELES, CAL.

VASSAR COLLEGE

The Saltford Flower Shop, Poughkeepsie, N. Y.

S. MASUR

Telephone 334 Main.
236 Fulton Street, BROOKLYN, N. Y.

Special care taken with telegraph orders for
DETROIT AND VICINITY
L. Bemb Floral Co., Albert Pochelon, Prop., 153 Bates St.

Always mention the Florists' Review when writing advertisers.

Fellows' building. There were twenty-five members present when President Windler called the meeting to order.

A letter was read from President Vincent, of the S. A. F., requesting the club at its meeting to offer a subject for discussion at the next meeting of the S. A. F., at Chicago. On motion, the subject was left to a committee of five, to report at the March meeting. The chair appointed as this committee W. C. Young, E. W. Guy, J. F. Ammann, F. W. Bruenig and Geo. B. Windler.

A. Jablonsky, of Olivette, exhibited a vase of variegated seedling carnations, No. 56 of 1907 and No. 91 of 1908. The committee, Messrs. Ammann, Vennemann and Ogle, made a favorable report on them.

On motion of C. C. Sanders, the club will hold a combination rose and carnation exhibition for the March meeting. This exhibition will be left in charge of the trustees and will be held at one of the wholesale houses, as no exhibitions can be held in our meeting rooms.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

LOUISVILLE, KENTUCKY

JACOB SCHULZ, Flower Shop, 550 South Fourth Avenue, Greenhouses, 831 Cherokee Road.

Personal attention given to out-of-town orders for Louisville and surrounding territory. Member Florists' Telegraph Delivery

DARDS,

N. E. Cor. 44th Street and Madison Avenue,
Telephones 4025-4026, 38th Street,
NEW YORK

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union — Member Florists' Telegraph Delivery. — Established 1874

Coombs
LEADING FLORIST
Hartford, Conn.

Orders solicited for all parts of Connecticut.

Indianapolis, Ind.

341 Massachusetts Ave.
Bertermann Bros. Co.
LEADING FLORISTS
Members Florists' Telegraph Delivery Ass'n.

Samuel Murray

KANSAS CITY, MO.
913 Grand Ave.
All Orders given Prompt and Careful Attention
Member of the Florists' Telegraph Delivery.

Mankato, Minn.

The Windmiller Co.
Will fill orders for Minnesota and the Dakotas.
Member Florists' Telegraph Delivery.

Newark, Ohio

CHAS. A. DUERR, The Arcade Florist
Auto. Phone 1840
Greenhouses, Granville, Ohio—Phone 26
Member Florists' Telegraph Delivery

GALESBURG, ILL.

I. L. PILLSBURY—For Central Ill.
Member Florists' Telegraph Delivery Association.

KALAMAZOO, MICH.

G. Van Bochove & Bro., The Leading Florists

NEW JERSEY

EDWARD SCEERY—PATERSON and PASSAIC
Member Florists' Telegraph Delivery Association.

MRS. J. B. FREEMAN, LEADING FLORIST, Successor to Geo. A. Heinl **Toledo, Ohio**
All Orders Promptly Executed.

Wm. L. Rock Flower Co.

Rock's Flowers Kansas City

KANSAS CITY, MO.
1116 Walnut Street
Members Florists' Telegraph Delivery

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Colorado Springs, Colo.

Frank F. Crump Wholesale and Retail Florist
Members Florists' Telegraph Delivery.

R. Strohmeier, Aberdeen, S.D.

Prompt Attention Given to Out-of-town Orders

Charleston, W. Va.

Orders for are given prompt and careful attention by the
CHARLESTON CUT FLOWER AND PLANT CO.

Fort Smith, Ark.

Brockman's Flower Shop
Leading florists in fastest growing city in the southwest.

INDIANA and ILLINOIS

Promptness and very Freshest Flowers.
H. B. & C. F. STOVER 118 So. 6th St., TERRE HAUTE, IND

Frey & Frey, Lincoln, Neb.

1338 O St.
Wholesale and Retail
100,000 sq. ft. of glass at your service. Trade discount

Minneapolis, Minn.

LEADING FLORISTS
SWANSON'S, 618 Nicollet Ave.

Mr. Ammann spoke at length on President Vincent's letter and hoped the committee would get to work at once and work along the lines suggested by the president.

All business having been transacted, the chair called W. C. Young to start his discussion on "Pot-grown Roses." In this he was assisted by Frank Weber and C. E. De Wever. As all these gentlemen have full knowledge of the subject and the members displayed great interest by asking questions as the discussion advanced, this was one of the most interesting meetings the club has held for some time.

The next meeting will be held on Thursday, March 14, when another in-

Tonseth Floral Co.

325 Morrison Street
GROWERS AND RETAILERS
Portland, Ore.

Seattle, Washington

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The Largest Store in America.
Members Florists' Telegraph Delivery.
The finest and largest stock west of Chicago.
Awake night and day looking for orders.
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GUDE'S
Member Florists' Telegraph Delivery.

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The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

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Cuy. Central 1866
The Smith & Fetters Co.
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New York New Jersey Long Island
BROOKLYN
3 AND 5 GREENE AVENUE
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COVER ALL OHIO POINTS
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Clarke Bros. FLORISTS
OAKLAND, CAL.

Lexington, Ky.
KELLER, Florist
High Grade Cut Flowers and Designing : : : :
All orders entrusted to us for Central Kentucky will have careful attention.

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will properly execute orders in Wisconsin or the northwest.

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Flowers for All Occasions, from Cradle to Grave

E. O. LOVELL GRAND FORKS
Will give prompt attention to all orders for delivery in North Dakota

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LARGE GREENHOUSES

Boehringer Bros.
325 Park Avenue, BAY CITY, MICH.

Mrs. M. E. Holl
807 Kansas Ave., TOPEKA

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HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS

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Funeral designs on short notice. One of the largest establishments west of Chicago.

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Deliveries made to Harvard and Radcliffe Colleges and all outgoing Boston steamers.

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and all points between
CHICAGO AND MILWAUKEE
Mail, wire or phone your orders to
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The Fernery SCHULTHEIS, FLORIST
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Wholesale and retail orders for CUT FLOWERS, FUNERAL DESIGNS, etc. by telegraph will receive prompt attention at
IRA G. MARVIN'S, Wilkes-Barre, Pa.

Benson's Flowers
Indianapolis, Ind. DELIVERED ANYWHERE

teresting exhibition and discussion will take place.

Various Notes.

C. W. Wors, who has been at the hospital all the week, has submitted to an operation on his neck. This, the doctors say, will save his life, and, according to reports, he will be out in a week.

The following is a list of near-by florists who spent Thursday of last week in the city and attended the club meeting in the afternoon: W. J. Pilcher, F. Vennemann and W. A. Rowe, of Kirkwood; A. Jablonsky and C. E. De Wever, of Olivette; John Connon, of Webster Groves; W. E. Ogle, E. W. Guy and Gust Grossart, of Belleville; Charles Hecht, of Clayton, and J. F. Ammann, of Edwardsville, and all were glad they came.

The Retail Florists' Association of St. Louis held its annual banquet on Monday evening, February 12, at the Washington hotel. Fred H. Weber, Alex. Geranios and Theo. Muller had the arrangements in charge. Next Monday night, February 19, the association will hold its regular monthly meeting in the Knights of Columbus hall, when a new secretary will be elected. Members are requested to be present.

Jules Bourdet, who was expected to assist W. C. Young in his discussion at

Colorado Springs, Colo.
Orders Carefully Executed
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Wholesale and Retail

DALLAS, TEXAS
The Texas Seed & Floral Company
Orders for cut flowers and designs solicited for delivery in any part of Texas.

Pittsburg, Kan.—Bartlesville, Ok.
THE STEINHAUSER FLORIST & NURSERY CO. (Inc.)
Growers and Shippers—Wholesale and Retail
Out-of-town orders given special and personal attention. Give us a trial.

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Will promptly execute all orders in this vicinity

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and vicinity Phones 147

Richmond, Ind.
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Florists and Decorators. Send us your orders.

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McFARLANDS, Florists
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JOHN WEILAND, EVANSTON, ILL.

Deliveries to Northwestern University and all North Shore Towns.
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HALL & ROBINSON, 625 St. Catherine Street, West

Wholesale and Retail orders for Cut Flowers, Funeral Designs, etc., receive prompt attention.
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G. M. NAUMANN & SON

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611 Fifth Avenue, Windsor Arcade — **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all the principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Calls: 340 and 341 38th Street **Cable Address: ALEXCONNELL** **Western Union Code**

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Largest Floral Establishment in America

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We can fill your floral orders day or night for

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Always have complete stock on hand. Regular discount allowed the trade.

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For prompt and particular attention send your orders for Southwestern Wisconsin and Southern Minnesota to

John Fuhlbruegge

Grower and Retailer

Canada's Florist

Dunlop's

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PASADENA, CAL.

The Orchid

13 East Colorado St.

Also all Los Angeles orders promptly filled.

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155,000 sq. ft. of glass at your service.

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Freeport Floral Co.

Telegraphic orders promptly attended to.

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FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order.

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Max Schling

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Adjoining Plaza Hotel

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EUCLID AVENUE

We ship all points in Ohio. The best of everything in Flowers.

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Indiana's oldest, largest and most complete retail establishment.

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Always on time

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Will deliver to Steamships, Theaters, anywhere within 20 miles of New York.

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We reach all Florida and South Georgia points.

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All Orders Promptly and Properly Executed.

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40,000 feet of Commercial Cut Flowers



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Orders by wire receive prompt and careful execution

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Orders solicited for Connecticut and nearby points. Tel. Charter 5591-2. Floral Designs a Specialty.

Louisville, Ky.

F. WALKER & CO., 634 Fourth Ave.

---

the club meeting, was prevented from being present by illness. He has a fine lot of plants that will be ready for Easter sales.

The W. C. Smith Wholesale Floral Co. has booked a great many orders, both local and shipping, of violets for Valentine's day delivery.

Fred H. Weber, state vice-president of the S. A. F. for eastern Missouri, has a plan by which he expects to greatly increase the membership of the society from his district.

Mrs. John Steidle, president of the Ladies' Home Circle, called a meeting for Monday, February 12, at which the annual election of officers took place.

The Engelmann Botanical Club held its regular monthly meeting February 12, in the lecture room of the Missouri Botanical Garden. The chief feature

LEADING RETAIL FLORISTS

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L. D. Phone 1112 Graceland

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Send us your retail orders. We have the best facilities in the city.

Write, Wire or Phone

JOHN WALKER

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Careful attention given to out-of-town orders. Trade discount allowed.

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Best Quality on Shortest Notice.

Daniels & Fisher.

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver."

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In the theater district. Exceptional facilities for delivering flowers on outgoing steamers. Your orders will receive prompt and careful attention. Wire, telephone or write us.

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IDLEWILD GREENHOUSES, Memphis, Tenn.

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"Up-to-the-minute" Service and Execution. Every Flower in Season.

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PIERCE & CO. 609 N. Charles Street BALTIMORE, MD.

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Orders solicited to be delivered anywhere. Specialist in Cut Flowers and Designs

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All orders receive personal attention.

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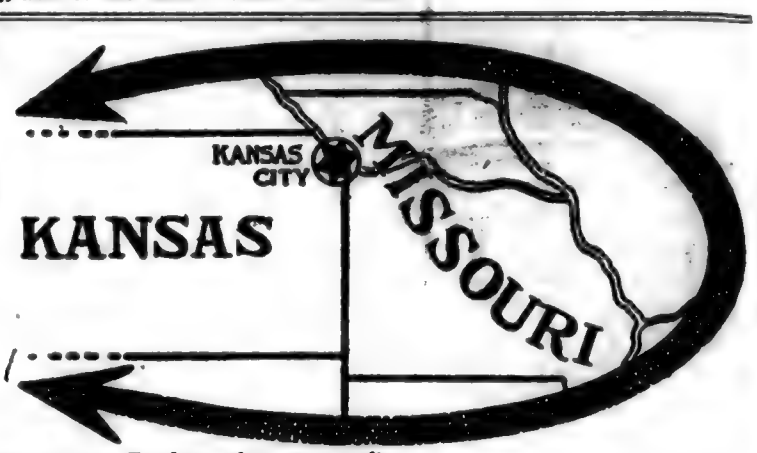
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Kansas City, Missouri

The largest Florists in the Central West

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Mention The Review when you write.

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Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

SIOUX CITY, IOWA Supplies western Iowa, southern Minnesota, all of South Dakota, northeastern Nebraska.

J. C. RENNISON CO.

---

of the evening was a talk by Dr. William Trelease, director of the garden. Dr. G. Moore presided over the meeting. The attendance was large and the proceedings interesting.

J. F. Ammann was a delegate from Edwardsville to the meeting of the Retail Merchants' Association of Illinois, at Belleville last week. Mr. Ammann spent four days there and visited his friends in the trade.

The following visitors called on the local trade during the last week, in the interests of their different firms: A. Zirkman, of M. Rice & Co.; J. J. Karins, of the Henry A. Dreer corporation; S. S. Skidelsky, of Philadelphia; Sam Seligman, of Wertheimer Bros., and William Dykes, of Ed. Jansen, New York city. J. J. B.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral or other flowers anywhere on short notice:

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Corsican	St. John	Liverpool	Feb. 16
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Columbia	New York	Glasgow	Feb. 17
Haverford	Philadelphia	Liverpool	Feb. 17
Dominion	Portland	Liverpool	Feb. 17
Ausonia	Portland	London	Feb. 17
Oruba	New York	Cuba	Feb. 17
Carolina	New York	Porto Rico	Feb. 17
Megantic	Boston	Liverpool	Feb. 20
Korea	San Fr'sco	Hongkong	Feb. 20
Hamburg	New York	Genoa	Feb. 20
Caronia	New York	Egypt	Feb. 20
Olympic	New York	S'hampton	Feb. 21
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P. Grant	New York	Hamburg	Feb. 22
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Philadelphia	New York	S'hampton	Feb. 24
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Lapland	New York	Antwerp	Feb. 24
G. Washington	New York	Bremen	Feb. 24
Ivernia	Boston	Liverpool	Feb. 27
Sanuki Maru	Seattle	Hongkong	Feb. 27

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Nurseries: Mediterranean and South Carolina Avenues.

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All Kinds of CUT FLOWERS

in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

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Delivers to all points in New England. 125,000 square feet of glass.

Send orders for delivery in **ROCHESTER, N.Y.** and all points in Western New York to

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11 West Main St. All cut flowers in season. Funeral designs or potted plants. Careful attention and prompt delivery guaranteed to any part of Michigan.

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100,000 SQUARE FEET OF GLASS.

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Schultheis, Florist
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Beyer Floral Co.
SPRINGFIELD, ILL.
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TERRE HAUTE, IND.
Heinl & Son, John G.
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TOPEKA, KAN.
Hollcraft, Mrs. M. E.
Lord's Flower Room
TORONTO, CANADA
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TRENTON, N. J.
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Walker, John
ZANESVILLE, OHIO.
Imlay, John D.

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Will Take Proper Care of Your Orders in WISCONSIN

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Hoffman

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Massachusetts Ave.

for Commonwealth Ave.

BOSTON

1874 **JNO. V. PHILLIPS** 1912

WILLIAM A. PHILLIPS, Manager

272 Fulton St. Tel. 319 Main. Brooklyn, N.Y.

FOLDING FLOWER BOXES

We manufacture the most complete line of High-grade Boxes at reasonable prices.

Palm Green, Mist Gray, Mist Brown	Per 100
16x 4 x3	$ 1.85
20x 4 x3	2.15
18x 5 x3	2.15
21x 5 x3	2 50
24x 5 x3½	3.00
30x 5 x3½	3.30
36x 5½x3½	4.50
21x 7 x3½	3.25
24x 8 x4	3.85
28x 8 x4	4.35
28x 8 x5	5.00
36x 8 x5, Telescope.	7.00
30x10 x5 "	7.50
36x10 x5 "	9.00
40x 8 x5 "	9.00
42x 8 x5 "	11.00
42x10 x5 "	13.00
48x10 x5 "	15.00

White Glaze, Green Glaze, Pink Glaze	Per 100
16x 4 x3	$ 2.65
20x 4 x3	3.00
18x 5 x3	3.00
21x 5 x3	3.50
24x 5 x3½	3.75
30x 5 x3½	4.50
36x 5½x3½	5.65
18x 6 x3½	3.65
21x 7 x3½	4.00
21x 8 x4	4.65
24x 8 x4	5.25
28x 8 x4	6.00
28x 8 x5	6.50
36x 8 x5, Telescope.	9.00
36x10 x5 "	11.00
40x 8 x5 "	11.00
42x 8 x5 "	13.25
42x10 x5 "	15.00
48x10 x5 "	18.00

Spray, Design and Miscellaneous Palm Green	Per 100
18x 6x3½	$ 2.75
15x 6x5	3.50
21x 8x4	3.50
24x 8x5	4.00
23x12x5, Telescope	7.50
12x12x8 "	9.00
30x12x6 "	10.00
16x16x8 "	10.00
20x20x8 "	13.00
24x24x8 "	15.00
28x22x8 "	16 00
28x28x8 "	19.00
32x32x8 "	25.00
20x12x8 "	10.00
24x14x8 "	12.50
30x14x8 "	14.50
32x17x8 "	16.00
36x14x8 "	16.00
40x14x8 "	17.50
36x17x8 "	18.50
42x17x8 "	20.00

Spray, Design and Miscellaneous Mist Gray	Per 100
28x 6x 4	$ 3.50
24x 8x 5	4.00
30x 9x 4, Telescope	6.50
20x12x 8 "	10.00
24x14x 8 "	13.00
30x14x 8 "	15.00
48x 8x 5 "	12.50
30x12x 6 "	10.50
12x12x 8 "	9.50
14x14x 8 "	10.00
16x16x 8 "	10.50
20x20x 8 "	13.50
24x24x 8 "	15.50
24x24x10 "	20.00

Violet Boxes. White and Violet Glaze.	Per 100
7x4x4	$2.50
8x5x5	4.00
10x6x5½	5.00
12x8x5½	6.00
Plain Violet	
7x4x4	1.75
10x6x5½	2.50
11x8x5½	3.50
Mist Gray	
7x4x4	2.50
8x5x5	2.75
10x6x5½	3.00
12x8x5½	3.50
Palm Green	
12x8x5½	3.50

All our Flower Boxes are made from Moisture-Proof Board.

No printing charges on lots of 300 or over. Special discounts allowed on quantity orders. Complete samples sent on application.

A. A. ARNOLD, 16-18-20-22 South Peoria Street, **CHICAGO**

Mention The Review when you write.

INDIANAPOLIS.

The Market.

Trade has been lively for the last week, funeral work being the main factor. The weather continues cold, with little sun. Bulbous stock is coming in heavily now and is finding ready sale. Jonquils are especially in demand this year. Freesias, tulips and sweet peas find a quick sale. Paper Whites and Romans are abundant. Violets and valley have a steady demand. Potted plants are finding a ready market.

Various Notes.

Pearl James, formerly with A. Wiegand & Sons, has taken a position with the Brandt Floral Co.

Bertermann Bros. made a delivery of funeral flowers to Edinburg, Ind., a distance of about thirty miles, one day last week.

Alfred Pahud, Sr., has a fine lot of Boston ferns.

Charles Pahud spent a few days in Chicago last week.

Visitors last week were B. F. Haugh, of Anderson, Ind.; F. G. Nelson, with the Burlington Willow Ware Co.; W. Dykes, with the A. Jenson Co., New York; J. Lembke, with the W. W. Barnard Co., Chicago; Guy Reburn, of A. Henderson & Co., Chicago; Chas. Jones, of Richmond, Ind.; W. Rolker, New York; F. W. Schmitz, New York; H. Knickman, with McHutchison & Co., New York, and W. W. Coles, Kokomo, Ind.

Adolph Baur, secretary of the American Carnation Society, is making arrangements to complete the Dorner Memorial fund and it is the intention to offer the medal at the National Flower Show at New York, in April, 1913.

Baur & Steinkamp have been cutting some of the best red carnations seen in this market. Their cut of carnations in general has been large for January and February and the stock has been good.

H. C. Berning, of St. Louis, spent a few hours with friends in the city February 12.

The Smith & Young Co. has been shipping some extra fine Brides and Maids.

H. L. W.



Your Best Customers

will be favorably impressed if you use Schultz cut flower and design boxes. Made with the best quality of card board for the best class of trade.

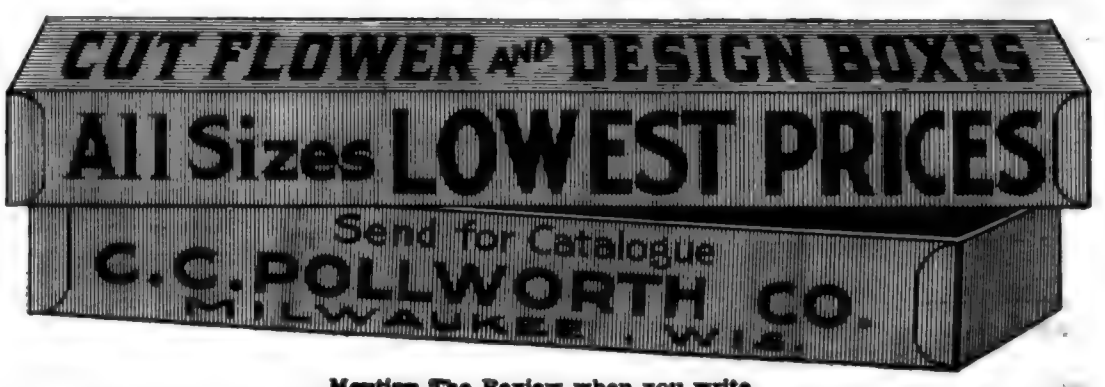
If you handle the best trade in your city you need Schultz boxes.

Made to your special order—any size, shape or design, lined or unlined.

Write for prices today—before the Easter rush.

H. SCHULTZ & CO., Superior and Roberts Sts., Phone Dearborn 423. **CHICAGO**

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Cut Flower Boxes and Fiber Shipping Cases

It will pay you to get our samples and prices before ordering.
You will find our prices right.

THE J. E. SMITH CO., 6-8-10-12 North Central Avenue BALTIMORE, MD.



FLOWER BOXES

Successful Florists use Sefton Boxes. To have success in shipping flowers, YOU should use them.

We offer a complete and superior line of cut flower, folding boxes in numerous grades and sizes, as well as Corrugated Fibre Board Boxes for Live Plants and Floral Designs.

Sefton Florists' Boxes combine high quality with low price. We manufacture them in large quantities and thus are able and pleased to give you the benefit in reasonably low prices.

A box of high quality attracts the eye and makes it a pleasure to open a neat, tasty package. Sefton Florists' Boxes are trade builders, inasmuch as they are high class and make a good impression. Purchasers of our boxes were once users of the inferior grades.

Write for prices on your requirements.



THE SEFTON MFG. COMPANY

1333 W. 35th STREET, CHICAGO, ILL.

Factories: Anderson, Ind. Brooklyn, N. Y. Chicago, Ill.



Order Boxes Now

for your Spring Trade. They will pay for themselves in saving of time and material, and your shipments will be delivered to your customers in perfect condition.

Send for Information

Lord Plant Box Co.

524 Andrus Bldg., MINNEAPOLIS, MINN.

Mention The Review when you write.

Illinois Self-Watering Flower Boxes

are gaining popularity every day. Send for our booklet and learn about a proposition that every live florist should understand.

American Metal Box Co.

2005 Michigan Ave., - CHICAGO

Conard & Jones Co., West Grove, Pa.
Agents for New York, New Jersey and Penna.

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H. & D. FLORISTS' BOX

Universally used for shipping cut flowers and designs. The dead-air cells form a perfect non-conductor of heat and cold, thus preserving contents much longer than ordinary wood box.

H. & D. Florists' Box can be used several times. Is much lighter than the ordinary box, thus saving in express charges.

Write for Catalogue

"HOW TO PACK IT"

THE HINDE & DAUCH PAPER CO., Sandusky, O.

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Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$1.90 per 100
No. 1	3x4½x16	1.75 per 100
No. 2	3x6x18	2.25 per 100
No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x28	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x20	6.25 per 100
No. 11	3⅝x5x30	3.25 per 100
No. 12	6x12x39 (telescope)	10.00 per 100
No. 13	5x10x30	5.50 per 100
No. 14	6x16x39	10.00 per 100

This list will cancel all former lists.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

LIVINGSTON SEED CO.

COLUMBUS, OHIO

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CLIMAX CLASSY CUT FLOWER BOXES

Five Grades—Oxford Gray, Mist Green, Nonpareil Green, White Carnation and our popular "Favorite Grade"—the latter a heavy, full telescope shipping box. All popular sizes in stock for immediate shipment. Before placing order, it will pay you to write for prices and samples. Address

THE CLIMAX MANUFACTURING CO.

200 Factory St., CASTORLAND, N. Y.

Always mention the Florists' Review when writing advertisers.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Leonard H. Vaughan, Chicago; First Vice-Pres., M. H. Duryea, New York City; Sec'y and Treas., C. E. Kendel, Cleveland, O.
Thirtieth annual convention, Chicago, June 25 to 27, 1912.

THE agricultural appropriation bill now before Congress provides $285,680 for the congressional distribution of free seeds in 1913.

A CORRESPONDENT says that 12,000 acres of peas have been contracted for this season in Fremont county, Idaho. Developments will be watched with interest.

THE Clinton Seed Co., Clinton, Okla., has been incorporated, with $4,000 capital stock. The incorporators are H. B. Lipscomb, E. A. Humphrey, C. E. Gamaway and H. W. Smith.

WM. C. ATHERTON has bought out Rothenbush & Co., Hamilton, O., whose line was seeds and fruits. Mr. Atherton already had a store on Court street and will specialize in seeds at the Rothenbush stand.

D. M. CAMPSEY, Washington, Pa., who deals in wool and seeds, says the shortage of the hay crop caused an extra demand for timothy seed in that vicinity, his sales approximating 1,000 bushels at $7.50 per bushel.

AT the approaching election J. C. Vaughan will make another attempt to unseat James R. Mann, minority leader in Congress and the author of several bills to regulate the sale of seeds. Neither candidate will have opposition at the primaries.

SINCE the Department of Agriculture began scouring the world for grasses, plants and other products which might prove of value in this country, more than 32,000 shipments of seeds and plants have been received here, according to Dr. David Fairchild, in charge of this work.

SOME of the large seed houses that are located to do a country trade as well as a catalogue business have found it more profitable to distribute the catalogues thickly within the community radius rather than scatter them the length and breadth of the country through advertising in the magazines of national circulation. In certain suburbs a house to house distribution is made just about planting time.

DURING the sessions of organized agriculture in Lincoln the last week in January, the Nebraska Pure Grain and Seed Growers' Association was formed. From time to time the department of experimental agronomy of the experiment station has developed superior strains of the different cereals and has turned them over to the farmers of the state. But there has never been any way of keeping in close touch with the growers and the seed could not be kept pure for any length of time. All such improved seed will now be turned over to this association as soon as it has been fully proved to be superior and the members agree to keep it pure. A skilled inspector will visit and inspect the fields of the members each year and report on the purity of their grain. Representative samples of each man's grain will also be sent to the secretary's office for inspection. Purity, soundness and germination tests will be made of all such grains.

SURE-BLOOMING DOUBLE PEARL **TUBEROSES**

The brightest and most select stock offered to the trade

4-6 inches, large bulbs, per 100, $1.00; per 1000, $8.50

High-grade stocks of **Peonies, Gladioli, Dahlias, Cycas Stems, Fern Balls, Begonias, Gloxinias, Caladiums, Madeira and Cinnamon Vine Roots.** Write for descriptive list and prices. See our Flower Seed Offer in last issue.

JOHNSON SEED CO., 217 Market St., Philadelphia, Pa.

Mention The Review when you write.

BULBS

Far Below Cost

Ask for prices.

James Vick's Sons
ROCHESTER, N. Y.

Mention The Review when you write.

FOTTLER-FISKE-RAWSON CO. FANEUIL HALL SQUARE

STOCKS

Boston Flower Market has had wonderful success in separate colors.
1/8 oz., 60c; 1/4 oz., $1.00; oz., $4.00
White, 1/8 oz., 75c; oz., $5.00.

BOSTON

Mention The Review when you write.

Metal Clasp Mailing Envelopes
LOUIS JEFFREY
78th & Brunswick Ave., Philadelphia, Pa.

Mention The Review when you write.

HELLER'S MICE PROOF SEED CASES.

Send for Catalogue.
HELLER & CO.
Montpelier, Ohio

Mention The Review when you write.

THE Farmer Seed & Nursery Co., Faribault, Minn., issues a seed catalogue printed in German.

PEAS AT ST. ANTHONY.

A. J. Nimmo, of the Everett B. Clark Seed Co., was at St. Anthony, Idaho, the first part of February, booking acreage for garden peas for seed.

The Fremont County News for January 31 said: "T. H. Hopkins, representing the John H. Allan Seed Co., of Sheboygan, Wis., is here making contracts for seed peas. Mr. Hopkins hails from Sturgeon Bay, Wis. He has contracted for a large acreage in the short time he has been here and is looking for more."

John T. Wilcox, formerly with the W. W. Barnard Co., Chicago, has started in seed growing here and has returned from an eastern trip.

It is said that to date of February 1 over 12,000 acres have been contracted to peas to be delivered at St. Anthony in the autumn.

ASSOCIATED PRESS HEARS NEWS.

The scarcity of seeds has become a matter of general news—the Associated Press sent out the following February 9 under a Kansas City date line:

"Drought during the summer of 1911 caused a shortage in seed and this year dealers predict that the majority of varieties will be higher than usual. Carrot, beet, turnip, radish, blue grass and clover seed are scarce and all are higher by about twenty-five per cent. The ordinary garden seeds, such as lettuce, onion, tomatoes, melons, beans, cucumbers and sweet corn, are about normal in both supply and price."

PEAS AT BOZEMAN.

The following is from a newspaper published at Butte, Mont.:

"Bozeman will have two new industries this year of 1912, according to O. E. Meyer, of Bozeman, who is in Butte on a business trip. The Gallatin valley city will send out all over the country garden pea seeds and sweet pea seeds. Inquiries from all parts of the country have convinced the residents that in those lines is a new outlet for the energy of the Gallatin valley boosters. The valley, famous as the second largest naturally irrigated valley in the world, the valley of the Nile being the greatest, has passed through the best January in its history. Mr. Meyer says that they have had rain

H. FRANK DARROW

P. O. Box 1280
26 Barclay Street, NEW YORK
Importer of

Azaleas, Palms, Bay Trees

and all other Belgian Plants, Lily of the Valley of the finest Berlin and Hamburg Brands.

Japanese, Holland and French Bulbs

FRENCH and ENGLISH
FRUIT and ORNAMENTAL STOCKS
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FOR
SEEDS
of all kinds apply to
W. W. JOHNSON & SON, Ltd.
BOSTON, ENGLAND

Mention The Review when you write.

German Stock Seeds

A GRAND SPECIALTY
Price list on application
PAUL TEICHER, Striegau, Germany
Oldest Special House
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WE IMPORT
to order for the Trade only, PLANTS and BULBS from Europe and Japan. Spring or Fall Delivery. Address with business card.
AUGUST ROLKER & SONS
P. O. Box 752, or 31 Barclay Street, NEW YORK

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DANISH SEEDS

If you take interest in Cabbage, Cauliflower, Carrot, Mangel, Swede and Turnip, of selected strains (state controlled), please apply to

CHR. OLSEN, Odense, Denmark

Wholesale Seed Grower (Established 1862), in order to have your name placed on my mailing list.
Mention The Review when you write.

during the month, a condition which never obtained before.

"'Last year,' said Mr. Meyer, 'a Detroit firm supplied garden pea seed to a number of farmers in the neighborhood of Bozeman for the purpose of getting garden pea seed for sale all over the United States. The experiment was a distinct success and the company considered Gallatin valley the best spot in the country for this purpose. Now the people of the valley have got together and will gather the seed of the sweet pea, for which Bozeman is famous from one end of the country to the other, and establish proper markets for the sale of the seed. Several carloads of garden peas were shipped out and it is expected that this success will be duplicated this year with the sweet peas.'"

DATING THE PACKETS.

In the public mind there is the idea that seeds are like eggs—if they are not fresh they are not good. The pure

Hjalmar Hartmann & Co., Copenhagen, Denmark.
Seed Growers for the Wholesale Trade
Cauliflower, Cabbage and Root Seed.

NOVELTY
Copenhagen Market
Earliest large, round headed Cabbage, Very Solid



Contract Now for 1912 Crop.

Copenhagen Market, Galvano Free.
Prices and Descriptive list free on Application.
LOECHNER & CO., 11 Warren St., New York, Sole Agents for the U. S. and Canada.

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Cable Address, NOVA BOSKOOP. A B C Code, 5th Ed.
Boskoop, Holland, Jan. 26th, 1912.

Gentlemen:—Herewith beg to state that I have dissolved my partnership with **MESSRS. W. VAN KLEEF & SONS, The Nurseries, Boskoop, Holland,** and that I will continue the business relations for my own account from Jan. 27, 1912, under the name of

Verkade Van Kleef

W. VAN KLEEF, Jr., Prop. **Nova Nurseries, BOSKOOP, HOLLAND**

Hoping to be honored with your esteemed orders, which will have my personal best care and attention. Yours very truly, **W. VAN KLEEF, Jr.**

Nurseries: Boskoop, Waddinxveen, Holland.

Specialties: Azalea, Buxus, Clematis, Conifers, Magnolias, Japanese Maples, Rhododendrons, select hardy varieties; Roses, new and old varieties, etc.

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—TO THE TRADE—
HENRY METTE, Quedlinburg, Germany
(ESTABLISHED IN 1787)
Grower and Exporter on the very largest scale of all
CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums. **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼ oz.; 75c per 1/16 oz. Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own vast grounds,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

—PERFECT PLANT FOODS—
THOMSON'S Vine Plant and Vegetable MANURE

Unrivaled for vines, tomatoes, cucumbers, all flowering, foliage and fruit bearing plants; vegetables, lawns, etc. Has stood the test of 30 years. The result of many years of practical experience.

Sold by Leading American Seedsmen.

Also Thomson's Special Chrysanthemum and Topdressing Manure. An Excellent Stimulant.

Freight paid on quantities; liberal terms to retailers. Write for our special offer to the American trade, agents' circulars, pamphlets, etc., to sole makers.

Also Exporters of **Pure Scotch Soot** Write for prices, etc.

Wm. Thomson & Sons, Ltd., Tweed Vineyards, Clovenfords, Scotland

VAN GRIEKEN'S BULBS, SOUND AND WELL SELECTED

High-grade Hyacinths, Tulips, Narcissus, Crocus, etc. Write for Catalogue.

LEO VAN GRIEKEN, Lisse, Holland

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence solicited.

George R. Pedrick & Son

PEDRICKTOWN, N. J.

Mention The Review when you write.

The Ebbert Seed Company

ROCKY FORD, COLO.

Contract growers for the Trade. High-grade Vine Seeds. **Specialties:** Rocky Ford Cantaloupe, Muskmelon and Cucumber Seed.

Place Your Orders Early

Mention The Review when you write.

Henry Fish Seed Co.

BEAN GROWERS

For the Wholesale Seed Trade

CARPINTERIA, - CAL.

Mention The Review when you write.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety. Correspondence solicited.

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S. D. Woodruff & Sons

SPECIALTIES:

Garden Seeds in Variety

Maine seed potatoes, onion sets, etc.

CORRESPONDENCE SOLICITED.

Main Office and Seed Farms, ORANGE, CONN.

New York City Store, 82-84 Dey Street

Mention The Review when you write

seeds bill drafted by Congressman Mann provided for the dating of packets. At the last hearing at Washington this phase of the subject appeared to specially interest Congressmen Esch, of Wisconsin, and Sims, of Tennessee. In discussing the subject with Kirby B. White, of D. M. Ferry & Co., they said:

Mr. Esch. This bill states, provided there does not appear plainly on the packet the year of packeting. Is it possible, or is it the practice of the seed houses, to warehouse seed a year or two before packeting?

Mr. White. That very frequently is the case, because the only way to determine the quality of seed is to plant part of it. Take, for instance, radish; the only way to determine the quality of that seed is to have a trial in the ground, and compare all the radishes, and see how true they are to the type. In order to make the requisite quality trials, it frequently is necessary to carry that seed over to another year; and the best buyers of seed—when we sell seed to another seed house or when we have occasion to buy seed of another seed house—would not think of buying seed that was not at least a year old, in order that these quality trials might have been obtained.

Mr. Esch. So that the purchaser of a packet would not know, within one or two or three years, possibly, of the time of the production of that seed?

HERE SINCE 1879

Arkansas Valley Seed Company

D. H. BROWNE LAKIN, KANSAS C. H. BROWNE

Contract Growers of Muskmelon, Watermelon and Cucumber

We desire to announce to the trade that Mr. Wm. Logan is no longer connected with this company in any way. And that we are now booking contract orders for Muskmelon, Watermelon and Cucumber Seed.

Write today for contract price list, also our surplus list of Vine Seeds.

Mention The Review when you write.

J. BOLGIANO & SON WHOLESALE Field and Garden Seeds

ESTABLISHED 1818 Write for our low prices

Light, Pratt & Ellicott Sts. BALTIMORE, MD.

Mention The Review when you write.

BEANS, PEAS, RADISH

and all Garden Seeds

LEONARD SEED CO.

226-230 W. KINZIE STREET, CHICAGO

ONION SETS GROWERS FOR THE TRADE

Write for Prices

Mention The Review when you write.

YOU will be satisfied with the products of Burpee's "Seeds that Grow"

Better write to Burpee, Philadelphia,—for new Complete Catalogue.

The Everett B. Clark Seed Co., MILFORD, CONN.

Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.

BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC.

TOMATO SEED

BEST STOCKS. ALL VARIETIES.

The Haven Seed Co.

Growers for wholesale trade only. Santa Ana, Cal.

Mention The Review when you write.

LAWN GRASS SEED

WHOLESALE ONLY

J. OLIVER JOHNSON

1876 Milwaukee Avenue, CHICAGO

Mention The Review when you write.

ONION SEED — ONION SETS

We are extensive growers and dealers. Write for prices on the 1911 crop. We are also submitting contract figures for the 1912 crop of Onion Seed.

SCHILDER BROS., CHILLICOTHE OHIO

Mention The Review when you write.

The C. Herbert Coy Seed Co.

VALLEY, Douglas County, NEB.

Wholesale Growers of High Grade Seeds.

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

Mention The Review when you write.

IF IT IS

WATERMELON AND MUSKMELON SEEDS

GET THEM FROM

J. FRANK CORRY, CONTRACT GROWER

Complete delivery by Oct. 15, 1912.

ENID, - OKLAHOMA

Mention The Review when you write.

—THE—

J. C. Robinson Seed Co.

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar, Flint and Field Seed Corns.

Mention The Review when you write.

Sioux City Seed & Nursery Co.

Sioux City, Iowa

Contracting growers of **Peas, Beans** and famous **Sweet Corn.** Introducers of the **White Mexican Sweet Corn.**

Mention The Review when you write.

S. M. ISBELL & CO.

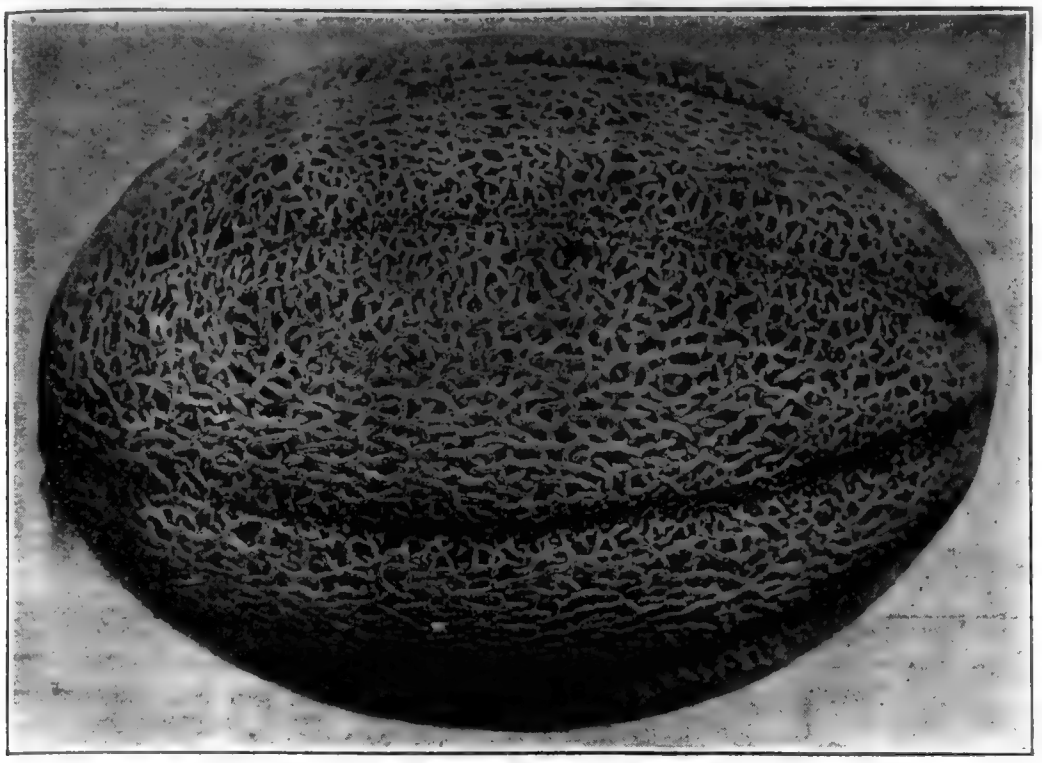
JACKSON, MICH.

Contract Seed Growers

Bean, Cucumber, Tomato, Radish, Pea, Squash, Muskmelon, Watermelon, Sweet Corn.

Correspondence Solicited

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FERRY'S DEFENDER MUSKMELON

grown under irrigation by

WESTERN SEED & IRRIGATION CO.

Seed Growers and Dealers. Specialties: Cucumber, Musk and Watermelon, Pumpkin, Squash, Sweet and Field Corn.

FREMONT, NEBRASKA

Mention The Review when you write.

MORSE SEEDS CALIFORNIA

Wholesale Growers of

Onion, Lettuce, Sweet Peas

and other California Specialties

C. C. MORSE & CO.

48 Jackson St. SAN FRANCISCO, CAL.

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CONTRACT SEED GROWER

SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn

EDGAR F. HURFF, MULLICA HILL, NEW JERSEY

Correspondence Solicited.

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There are certain laws over which we have no control, and which we must either follow or suffer for it. The law of gravitation, for instance—the law that all bodies are drawn together in a certain well-defined ratio. If you violate it, you must take the consequences. Now, there are certain laws governing lily bulb growing as well. You may violate them and take the consequences, or you can obey them and apply them to your business and get the benefits and advantages of obedience. But you can't change the laws. One of these laws is the Law of Quality. Nature, over whom you have no control, demands lily bulbs of quality if she must produce good results therefrom. You can violate this law and suffer from it, or you can adhere to it and profit by your better judgment; but you can't change the law. So the Law of Quality is superhuman in the lily bulb business—you just must have the best there is. Horseshoe Brand Lily Bulbs are produced to conform to that Law of Quality. They are not grown merely for price, by cheap labor, grinding out the lives of women and children in the process, but by experienced men—men who know. And the prices are extremely reasonable this year, so why should you not buy this brand altogether? There are none better produced, and no one appreciates your orders more than we do.

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Not How Cheap But How Good

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71 Murray Street

NEW YORK

Mr. White. He would not.

Mr. Esch. What is the percentage of deterioration a year of seed; is there any known schedule?

Mr. White. There is no known schedule. It not infrequently happens that seed tests better the second, third, or even fourth year, than it did when it came in from the farm. All that the buyer can do is to trust to the self-interests of the seller to sell him goods that will redound to his credit.

Mr. Adamson. Will garden seed generally germinate after three or four years?

Mr. White. It depends altogether upon the kind.

Mr. Adamson. Not on how they are kept?

Mr. White. Of course on how they are kept. I stand corrected.

Mr. Esch. So that the placing of the year on the packet is not of so much real advantage to a purchaser?

Mr. White. I do not see how it is of any advantage except to this extent, that it might be that seeds which are sold by concerns which sell their packets outright might lie around in a country store for two or three years after they were received by the retailer, and in that case, if they were marked with the year in which they were packeted, the buyer would have an opportunity to know how long the retailer had had them in his possession.

Mr. Sims. Does not your company take up all the seed each year for which there are no buyers?

Mr. White. Yes.

Mr. Sims. I mean for retail purposes.

Mr. White. Yes; our concern takes it all up, and it never sends out a packet a second time.

Mr. Sims. If it is as good as it was the first time, why not?

Mr. White. Because of this fact, that viability is a matter which we have very little control over, and when you come right down to it, not very accurate knowledge of. It is to our interest to see that the viability of the seed that goes out is as good as we can make it, because we want to sell them again.

Mr. Sims. What do you do with these seeds you take up?

Mr. White. When these seeds come up there are certain seeds, like parsnips, which have to be destroyed or used for other purposes. We have a farm. We have at present 2,000 sheep and 180 steers on the farm, and a good many old seeds which have lost their viability we cook up into a ration.

Mr. Sims. In other words, you retest them, and only send out those which are still good?

Mr. White. Those that are still good we have no hesitation in sending out again.

The Chairman. Where do you test your seed?

Mr. White. They are all tested at our trial grounds in Detroit.

The Chairman. That is, it is inside, under glass?

Mr. White. All our viability tests in winter are of necessity inside. In the summer we open the windows and get it as cool as we can, because it gets very hot in Detroit.

The Chairman (Mr. Mann). Did I understand you to say you never sent out any seed until the second year?

Mr. White. Oh, no. Sometimes we are compelled by the necessities of trade

Asparagus Plumosus Nanus

Stokes Seeds Philadelphia

Guaranteed genuine northern greenhouse grown seed. Per 100 seeds, 40c; per 1000, $3.50; per 5000, $16.25.

Salvia Clara Bedman or Bonfire

My own growing 1911 crop seed. Per trade pkt., 40c; oz., $1.75; ¼ lb., $6.00.

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1911 crop, my own saving. Per oz., 40c; lb., $3.50; 5 lbs., $15.00.

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Ageratum Imperial Dwarf Blue, tr. pkt., 10c.
Antirrhinum, giant-flowering, pink, striped, scarlet, yellow, white, garnet and mixed, each, tr. pkt., 10c; per oz., 40c.
Asparagus Sprengeri, tr. pkt., 65c; 5000 seeds, $5.50.
Asters, Smith's Peerless White, tr. pkt., 50c; per oz., $6.50.
Asters, Smith's Peerless Pink, tr. pkt., 50c; per oz., $7.50.
Centaurea Candidissima, tr. pkt., 25c.
Centaurea Gymnocarpa, tr. pkt., 15c.
Lobelia Crystal Palace Compacta, extra select strain, tr. pkt., 10c.
Petunia, large-flowering fringed, single mixed tr. pkt., 35c.
Petunia, large-flowering fringed, double mixed, tr. pkt., 65c.
Primula Obconica Gigantea, rose, crimson, lilac Hybrida, mixed, each, tr. pkt., 35c.
Salvia Bonfire, tr. pkt., 25c; per oz., $2.50.

Select strains of Verbena, Stocks, Grandiflora and Giant-flowering Spencer Sweet Peas, etc.

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(Our own growing.)

Bonfire, ½ oz., 60c; 1 oz., $1.00. Zurich, ½ oz., $1.50; 1 oz., $2.50. Above seed is from selected stock. Cash, please.

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100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $3.50; 10,000 seeds, $30.00.

Sprengeri, 25c per 250 seeds; 75c per 1000 seeds; $2.75 per 5000 seeds.

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Now is the time to sow **Late Sweet Peas.** We have on hand the best Spencer and Unwin types, and almost all other florists' flower seeds, like Asters, Stocks, Mignonette, etc.

Send for list.

Ant. C. Zvolanek

Bound Brook, N. J.

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to send out seed without having kept it a year.

The Chairman. But you ordinarily keep your seed a year before it is sent out?

Mr. White. The majority of it is so kept.

The Chairman. And you deem it practical to keep that seed a year before sending it out?

Mr. White. Quite so.

The Chairman. That is, you would not send out seed produced in 1910 before 1912?

Mr. White. That would be the probability.

The Chairman. That is the ordinary custom of your house?

Mr. White. That is the custom of our house. I want to say that the results of the viability tests of seed sent out by our house, as indicated by the Department of Agriculture, you will find on investigation are altogether to our credit, I have no hesitation in saying.

The Chairman. Do you want us to publish the tests?

Mr. White. I should be delighted to have you publish the tests of our house; I do not speak for anybody else.

The Chairman. We have your consent?

Mr. White. You have my consent to publish the viability tests of the seed of our house, and the more you publish them the more we will like it.

CATALOGUES RECEIVED.

Wilhelm Pfitzer, Stuttgart, Germany, seed catalogue; L. H. Olmsted's Son, Hasbrouck Heights, N. J., circulars on Olmsted's Improved Reliable mole

BEGONIAS TUBEROUS ROOTED

	Per 100	Per 1000
Single, White, Pink, Scarlet, Orange and Crimson	$2.50	$22.00
Single, mixed colors	2.25	20.00
Double, White, Pink, Scarlet, Orange and Crimson	4.00	35.00
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Blue, White, Crimson; Violet, white border; Red, white border	3.50	30.00
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	¼ Tr. Pkts.	Tr. Pkt.
BEGONIA Gracilis Luminosa, true stock, with large scarlet flowers	$2.50	$0.50
Erfordii, fine pink variety	2.50	.50
Bedding Queen, most beautiful pink Wax Begonia	2.50	.50
Vernon, fine red	1.25	.25
CYCLAMEN Persicum Splendens Giganteum, finest colors, assorted, 1000 seeds	5.00	.75

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Nice plump bulbs, 1¼-in. and up, $10.00 per 1000

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LONGIFLORUM GIGANTEUM, 7 to 9-inch, 300 to a case	$18.00
	Per 100
AURATUM, 9 to 11-inch	$8.50
AURATUM, 8 to 9-inch	5.25
SPECIOSUM RUBRUM, 8 to 9-inch	4.75
SPECIOSUM RUBRUM, 9 to 11-inch	8.00
SPECIOSUM ALBUM, 8 to 9-inch	9.50

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NEEDED QUANTITIES OF SEED.

About how much seed will I need of each of the following flowers, for 2,000 plants of each: Begonia Vernon, Lobelia Emperor William, pyrethrums, and Cineraria maritima? R. O.

To produce 2,000 plants of the varieties named you should sow one-fourth ounce of Lobelia Emperor William, one-half ounce of Cineraria maritima, one ounce of Pyrethrum aureum and one 50-cent packet of Begonia Vernon. These amounts should give you an ample supply of plants, but, of course, careful seed growing, in suitable compost, and, above all, good seed, count for a great deal. C. W.

Minneapolis, Minn.—W. D. Desmond says it has been a struggle to keep the Donaldson greenhouses from freezing up this winter, with day after day that the temperature outside ran 20 degrees below zero.

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Our New Wholesale Catalogue for Market Gardeners and Florists for 1912 will be ready early in January. Register your name for a copy **NOW.**

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Florence Morse Spencer, delicate blush pink, most charming color, lb., $2.50; ¼ lb., 85c.

Apple Blossom Spencer, the famous $5,000 prize Sweet Pea; pink shaded rose, lb., $2.50; ¼ lb., 85c.

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Any of the above, oz., 35c.

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TORENIA FOURNIERI, New Giant, extra fine, pot plant, pkt. 20c. Showy.

CANDYTUFT, New Giant Hyacinth-flowered, a great cutter, pkt. 20c.

HELIOTROPE, finest mixed, pkt. 20c.

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CUPHEA, Giant Cigar, fine, pkt. 20c.

GAILLARDIA GRAND, New Giant, pkt. 20c.

COBAEA SCANDENS, extra fine vine, pkt. 20c.

THUNBERGIA, mixed, fine, 20c.

VERBENA, Improved Mammoth, finest giants grown, mixed, or separate of purple, white, scarlet, pink, striped, white-eyed. Tr. pkt. 20c.

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Vegetable Forcing.

APHIS ON LETTUCE.

Is there any way to fight green aphis in a lettuce house? Last spring we threw away over 500 pounds of fine lettuce on account of these pests. This year we wish to prevent them from getting started. Our lettuce house is connected with our flower and plant house, and there are a few aphis in it, among the snapdragons and mums. We clean them out, but they come on again. Is there any way to fumigate successfully for green aphis? Could we use cyanide gas in a lettuce house? Would it kill the lettuce or leave any poison on it that would not wash off or that would be dangerous? The lettuce is all small now and of course the leaves on it will all fall off before it is grown. C. W. R.

For aphis on lettuce, fumigate lightly and frequently to keep them from getting a start. Do not wait until damage is done. Even a few of the pests hurt the sale of lettuce. Whether a woman buys lettuce regularly or occasionally, she will not buy again for a while if she finds bugs on one lot of it.

Aphis are easy to keep down. You can fumigate lightly with tobacco stems one evening each week. This is the cheapest way, but if they have a good start and are not easily subdued, get some nicotine extract and pour a tiny stream on the hottest pipe in the house, using an oil can, and you will get out more quickly than the aphis. It does not work so well on hot water pipes as on steam pipes. H. G.

FERTILIZER FOR TOMATOES.

Will you kindly inform me as to what you consider the best fertilizer for forcing tomatoes under glass? Also state when and how such fertilizer should be applied. C. D. C.

A good coat of rotted cow manure, turned under with spading forks when preparing the soil for planting, will be enough to start with, providing the soil is reasonably good and has not been used previously for tomatoes. After they get to growing, they should be fed light doses of liquid manure occasionally, but some commercial fertilizers should be used also and not too much manure, because they will stand to be fed considerably more phosphoric acid and potash than nitrogen. Manure alone is not properly balanced for tomatoes, being strongest in nitrogen, which may make a rank growth of foliage; the ground might thus be considered too rich when really not rich enough in the other two ingredients which make complete fertilizers. You can get the phosphate in bone meal, but also get some nitrogen. For potash buy muriate or sulphate.

If no manure is used after planting or not much, then the bone meal and potash will be excellent, but if plenty good manure is to be had, cut out the bone meal and use phosphate rock and potash mixed together. Put this on frequently in extremely light doses. It can be dissolved in water or dusted over the top of the soil as if sowing grain, and watered in afterward. H. G.

SOWING EARLY CABBAGE.

Kindly inform me when to sow early cabbage seed to have the plants ready to set out by the middle of April. I expect to grow them under glass, without heat. I live in northern Ohio. W. C. H.

About March 1 will be a good time if your coldframe is in a protected place, where it is not too cold. Do not sow too thickly or wet too heavily. If sowed thinly they will not spoil if not transplanted at the right time. If you do not intend to transplant them, you might be soon enough by planting March 10 to 15. H. G.

Canutillo, Tex.—A new range has just been completed here for the Rio Grande Nursery Co. A Kroeschell hot water boiler will be used for heating.



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Ohio Yellow Globe Onions

represent the most perfect strain of this desirable type of onions. Bulbs ripen early and evenly, are of bright, uniform color and distinct, attractive shape. Yields enormous crops (see illustration), the bulbs almost pushing each other out of the row to make full growth. They are solid mild and keep well. Their remarkably uniform color caused a satisfied customer to send us this letter: "It may interest you to know that among 10,000 bushels of onions raised from your seeds we have absolutely no white ones."

Oz., 15c; ¼ lb., 50c; lb., $1.85 postpaid. Special quotations on large quantities on request.

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Cover of Onion booklet shown to left demonstrates how Ohio Yellow Globes grow for us. They will do the same for you if you study the booklet and follow suggestions offered. Catalogues fully describe and offer "True Blue" Seeds at fair prices. Experience has proved that our Quality seeds make the price second consideration. Write for free Onion booklet and catalogues today.

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Radish, Scarlet Globe; Self-Blanching Celery; Lettuce, Improved Big Boston (quality extra); Black Seed Big Boston, Beaulieu's Forcing, 45 head fill up a barrel; Beaulieu's Globe White Tipped Forcing (½ pink, ½ white) new radish; White Tipped Scarlet turnip; Beet, Detroit, Crosby; long smooth parsley, large rooted, extra; Spinach, Savoy, Viroday, Triumph, etc.; Endive, Curled and Escarolle. All this has been selected by myself and is the quality as used by the market gardeners of Paris. Send for prices.

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Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Feb. 14, 1912.

	Per doz.
Beauty, Specials	$7.50 @ $9.00
" Extra	6.00
" Medium	3.00 @ 5 00
" Short	2.00 @ 2.50
	Per 100
The Killarneys, Fancy	$12 00 @ $15.00
" Select	8.00 @ 10.00
" Ordinary	5.00 @ 6.00
My Maryland, Bride— Fancy	12.00 @ 15.00
Select	8.00 @ 10.00
Ordinary	5.00 @ 6.00
Richmond, Fancy	15.00 @ 20.00
" Select	8.00 @ 12.00
" Ordinary	5.00 @ 6.00
Melody	5.00 @ 12.00
Carnations, Fancy	4.00
" Select	2.50 @ 3.00
" Ordinary	1.50 @ 2.00
Cattleyas....per doz., $4.00 @ $6.00	
Cypripediums	12.00
Dendrobium Formosum	40.00
Coelogyne Cristata	20.00
Gardenias...per doz., $1.00 @ $2.00	
Easter Lilies, per doz., 1.25 @ 1.50	
Callas.....per doz., 1.50	
Valley	3.00 @ 4.00
Sweet Peas	.40 @ 1.50
Violets, single, select	.75 @ 1.00
" " ordinary	.25 @ .50
" double, select	.75 @ 1.00
" " ordinary	.50
Daisies	1.50 @ 2.00
Pansies	.75 @ 1.00
Lilacs.....per bunch, $1.00	
Paper Whites	1.50 @ 2.00
Romans	1.50 @ 2.00
Mignonette	2.00 @ 5.00
Daffodils	1.50 @ 2.00
Snapdragon.....doz., $1.00 @ $2.50	
Freesias	2.00 @ 3.00
Tulips	2.00 @ 3.00
Acacia Pubescens ....bunch, $2.50	

Buffalo, Feb. 14, 1912.

	Per doz.
Beauty, Specials	$6.00
" Fancy	4.00
" Extra	3 00
" Firsts	2.00
" Shorts	$0.50 @ 1.00
	Per 100.
Perle	$ 5.00 @ $ 8.00
Bon Silene	3.00 @ 4.00
Bride and Maid	5.00 @ 8.00
Killarney	6.00 @ 15.00
White Killarney	6.00 @ 15.00
Richmond	6.00 @ 15.00
Maryland	5.00 @ 12.00
Carnations	2.00 @ 3.50
Lily of the Valley	3.00 @ 4.00
Longiflorums	10.00 @ 12.00
Violets	.40 @ .60
Mignonette	3.00 @ 5.00
Sweet Peas	.50 @ 1.00
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
Callas	10.00 @ 12.00
Tulips	2.00 @ 3.00
Daffodils	2.00 @ 3.00
Jonquils	2.00 @ 3.00
Cattleyas	35.00 @ 50.00
Gardenias	20.00 @ 25.00

Milwaukee, Feb. 14, 1912.

	Per doz.
Beauty, Long	$5.00
" Medium	$3.00 @ 4 00
" Short	1.50 @ 2.00
	Per 100
Richmond	$ 5.00 @ $12.00
Killarney	5.00 @ 15.00
White Killarney	5.00 @ 12.00
Carnations	2.00 @ 4.00
Valley	3.00 @ 4.00
Lilies	12.50 @ 15.00
Violets	.75 @ 1.00
Snapdragon.....bunch, 35c @ 75c	
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
Trumpets	3.00 @ 4.00

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GREENHOUSES, OAKLAWN, R. I.

Wholesale Cut Flower Prices.

Boston, Feb. 15, 1912.

	Per 100
Beauty, Specials	$50.00 @ $75.00
" Extra	20.00 @ 40.00
" Short Stems	6.00 @ 15.00
Killarney	4 00 @ 12.00
White Killarney	4.00 @ 12.00
My Maryland	4.00 @ 12.00
Mrs. Aaron Ward	4.00 @ 15.00
Lady Hillingdon	4.00 @ 15.00
Richmond, Rhea Reid	4.00 @ 16.00
Carnations	1.00 @ 3.00
Cattleyas	30.00 @ 35.00
Cypripediums	6.00 @ 8.00
Pansies	.50 @ .75
Lily of the Valley	2 00 @ 4.00
Lilium Longiflorum	8.00 @ 10.00
Gardenias	8.00 @ 20.00
Violets	.40 @ .75
Sweet Peas	.25 @ .75
Antirrhinums	3.00 @ 5.00
Marguerites	1.00 @ 2.00
Paper White Narcissi	1.00 @ 1.50
Yellow Trumpet Narcissi	1.50 @ 2.00
Narcissus Poeticus	1.00 @ 1.50
Roman Hyacinths	1.00 @ 1.50
Mignonette	3.00 @ 8.00
Tulips	1.50 @ 3.00

St. Louis, Feb. 14, 1912.

	Per doz.
Beauty, Specials	$4.00 @ $6.00
" Extra	2.00 @ 3.00
" Shorts	1.00 @ 1.50
	Per 100
Bride, Maid	$ 6.00 @ $ 8.00
Richmond	6.00 @ 8.00
Maryland	6.00 @ 8.00
White Killarney	6.00 @ 8.00
Killarney	6.00 @ 8.00
Carnations	2.00 @ 3.00
Lily of the Valley	3.00 @ 4.00
Harrisii	10.00 @ 12.50
Orchids.....doz., $5.00 @ $6.00	
Violets	.75 @ 1.00
Paper Whites	2.00 @ 3.00
Romans	1.00 @ 2.00
Tulips	2 00 @ 3.00
Freesias	2.00 @ 3 00
Sweet Peas	.75 @ 1.50
Jonquils	2.00 @ 3.00

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Wholesale Cut Flower Prices.

Chicago, Feb. 14, 1912.

	Per doz.
Beauty, long stems	$5.00 @ $6.00
" 36-in. "	4.00
" 30-in. "	3.00
" 24-in. "	2.50
" 20-in. "	2.00
" 15-in. "	1.50
" 12-in. "	1.25
" short "	.75 @ 1.00

	Per 100
Killarney	$ 5.00 @ $15.00
White Killarney	5.00 @ 15.00
Richmond	5.00 @ 15.00
My Maryland	5.00 @ 15.00
Mrs. Jardine	5.00 @ 12.00
Rhea Reid	5.00 @ 15.00
Mrs. Aaron Ward	5.00 @ 15.00
Rivoire (Bulgarie)	5.00 @ 20.00
Melody	5.00 @ 15.00
Perle	5.00 @ 10.00
Carnations	1.50 @ 4.00
Valley	1.50 @ 4.00
Easter Lilies	12.50 @ 15.00
Callas	12.50 @ 15.00
Cattleyas...per doz., $4.00 @ $6.00	
Violets	.50 @ 1.00
Sweet Peas	.75 @ 1.50
Paper Whites	2.00 @ 4.00
Romans	2.00 @ 3.00
Mignonette	4.00 @ 8.00
Freesia	2.00 @ 4.00
Tulips	3.00 @ 5.00
Jonquils	2.00 @ 3.00
Daffodils	3.00 @ 4.00

Pittsburgh, Feb. 14, 1912.

	Per doz.
Beauty, Specials	$5.00 @ $6.00
" Fancy	4.00
" Medium	2.00
" Short	1.00

	Per 100
Killarney	$ 6.00 @ $12.00
White Killarney	6.00 @ 12.00
Richmond	6.00 @ 15.00
My Maryland	4.00 @ 12.00
Carnations	2.00 @ 4.00
Cattleyas	35.00 @ 50.00
Oncidiums	4.00 @ 8.00
Valley	3.00 @ 4.00
Lilies	12.00 @ 15.00
Violets, double	.75 @ 1.00
Daisies	1.00 @ 2.00
Freesia	3.00 @ 4.00
Tulips	2.00 @ 5.00
Paper Whites	3.00
Daffodils	3.00 @ 4.00
Sweet Peas	.75 @ 1.25
Lilac.....per bunch, $1.00 @ $1.50	
Baby Primroses	.15
Mignonette	3.00 @ 4.00

Cincinnati, Feb. 14, 1912.

	Per doz.
Beauty, Extra	$3.00 @ $6.00
" No. 1	3.00
" No. 2	1.00 @ 1.50

	Per 100
Killarney	$ 4.00 @ $ 6.00
Richmond	4.00 @ 6.00
Bride	4.00 @ 6.00
Carnations	2.00 @ 3.00
Lilium Harrisii	10.00 @ 15.00
Lily of the Valley	3.00 @ 4.00
Cattleyas	60.00
Violets	.50 @ 1.00
Narcissi	3.00
Sweet Peas	1.00 @ 2.00
Roman Hyacinths	3.00

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Wholesale Cut Flower Prices.

New York, Feb. 12, 1912.

	Per 100
Beauty, Specials	$30.00 @ $40.00
" Fancy	20.00 @ 30.00
" Extra	15.00 @ 20.00
" No. 1	4.00 @ 6.00
" No. 2	2.00 @ 4.00
Bride and Maid	2.00 @ 8.00
Killarney	2.00 @ 10.00
My Maryland	2.00 @ 10.00
Richmond	2.00 @ 12.00
Chatenay	3.00 @ 12.00
Jardine	3.00 @ 12.00
Prince de Bulgarie	4.00 @ 15.00
Orchids	15.00 @ 40.00
Cypripediums	6.00 @ 12.00
Carnations	1.00 @ 3.00
Easter Lilies	6.00 @ 8.00
Lily of the Valley	1.00 @ 3.00
Gardenias, per doz., $0.50 @ $3.00	
Violets	.15 @ .40
Daisies	.50 @ 2.00
Hyacinths	.50 @ 1.00
Sweet Peas, doz. bches., $0.50-$1.00	
Narcissi ..... bunch, .15- .25	
Callas ..... per doz., 1.00- 1.50	
Lilac ..... per bunch, .75- 1.00	
Mignonette ..... per doz., .25- .75	
Freesia ..... per bunch, .10- .25	
Daffodils	.50 @ 1.50
Tulips	.50 @ 3.00
Pansies	1.00 @ 1.25

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NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Officers for 1911-12: Pres., J. H. Dayton, Painesville, O.; Vice-pres., W. H. Wyman, North Abington, Mass.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-seventh annual meeting, Boston, June 1912.

THE Vineland Nurseries, Clarkston, Wash., has made a million grafts this season.

THE death of William Smith, the rich and venerable nurseryman of Geneva, N. Y., occurred February 6. A brief sketch of his long career appears in the obituary column this week.

GEORGE E. KESSLER, the Kansas City landscape architect, has the order to prepare plans for laying out and planting Phelps Grove Place, a 120-acre addition at Springfield, Mo.

THE New Bedford Nurseries Co., Bedford, Mass., has been incorporated, with $40,000 capital stock. J. Kirkegaard, of Bedford, is president and J. E. Gilcreast, of Boston, is treasurer.

A NEATLY printed volume has been issued entitled "Transactions and Proceedings of the First Annual Meeting of the California Association of Nurserymen." Henry W. Kruckeberg, Los Angeles, is secretary.

AT the annual meeting of the Connecticut State Nurserymen's Association, held at Hartford, the following officers were elected: President, W. W. McCarthy; vice-president, Charles Turner; secretary, F. L. Thomas; treasurer, W. W. Hunt. The taxation of nursery land was discussed.

W. VAN KLEEF, JR., who is well known to the trade in this country because of his many trips to the United States, has withdrawn from the partnership of W. Van Kleef & Sons, Boskoop, Holland, and gone into business on his own account under the name Verkade Van Kleef, the Nova Nurseries, Boskoop.

OPPOSE THE BILL.

W. P. Stark and S. J. Hunter, the committee on legislation of the Western Association of Nurserymen, have sent the following letter, under date of February 8, to William Pitkin, chairman of the legislative committee of the American Association of Nurserymen:

"In response to your telegram asking for our specific objection to the enactment of House Bill 18000, will say that we have had conferences in person, by letter and by telephone with the leading nurserymen of the middle western states, and we wish to concur with them in stating the unanimous objection to this measure, for the following reasons:

"1. It does not embody the articles of agreement stipulated in the conference between the Department of Agriculture, entomologists and nurserymen, held at Washington last December.

"2. The methods of its introduction were not in accordance with the procedure agreed upon at the Washington conference.

"3. The bill does not provide for a definite, stable administrative body.

"4. It makes possible the appointment of a large number of employees to perform services which can be better performed by appointees already in office.

"5. All nurserymen desire that interstate shipments be inspected at point of destination. This bill has been referred to a competent attorney, who read to us legal decisions to the effect that no inspection of the interstate

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City. Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS, Nurserymen and Florists RUTHERFORD, N. J.

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California Privet

A full supply for all who need well grown, well graded, well rooted and well packed 2-year-old

California Privet

Only strong branches counted. Satisfaction guaranteed.

	Per 100	Per 1000
12 to 18 in., branches	$1.00	$ 5.00
18 to 24 in., 3 or more branches	1.50	10.00
25 to 30 in., fine, 4 or more branches	2.00	15.00
2½ to 3 ft., strong, 6 or more branches	3.00	25.00
3 to 4 ft., extra hv'y, 8 or more branches	4.00	30.00

10 per cent off on 5000 lots of the first four grades. Special low rates on car lots. Correspond before purchasing.

CHAS. BLACK, Hightstown, N. J.

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PEONIES

We have one of the finest stocks anywhere in the country and should be very glad to figure with you on your list of wants.

PETERSON NURSERY,
Stock Exchange Building, CHICAGO

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ORNAMENTALS

Ask for Prices

Hiram T. Jones
Union County Nurseries, Elizabeth, N. J.

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FIELD GROWN SHRUBS IRIS PÆONIES ROSES — THE USN CO

The United States Nursery Co.
Roseacres, Coahoma Co., MISS.

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American Pillar Rose

PRICES—Strong 3 year (4 to 5 ft.), $35.00 per 100; 2 year (3 to 4 ft.), $25.00 per 100; plants from pots, hardened, 2½-in., $5.00 per 100; f. o. b. West Grove.

THE CONARD & JONES CO.
WEST GROVE, PENNSYLVANIA

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Roses and Roses

Spring Price List Ready.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO

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LARGE TREES
OAKS AND MAPLES, PINES AND HEMLOCKS
ANDORRA NURSERIES
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

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shipments could be made at point of destination under this proposed measure.

"6. Its terms are not clear, and therefore leave open to discussion and much possible litigation, just what is meant as to what injurious insects and plant diseases are to be placed under the quarantine provisions of this act.

"Moreover, we regret that thus far it has seemed impossible to secure enactment of federal legislation which should really be of practical value to horticulture."

QUARANTINE IN CALIFORNIA.

The nurserymen of four counties in California are up in arms in opposition to a quarantine placed against Santa Clara, San Mateo, Santa Cruz and Alameda counties by State Horticultural Commissioner Cook, prohibiting the shipment of peach, pear, plum, prune and cherry stock. Commissioner Cook imposed the quarantine following complaints from Sutter and Yuba counties, where stock containing the peach borer was received.

As soon as notice of the quarantine reached the trade a flood of letters and telegrams of protest went to Governor Johnson and a delegation headed by Geo. C. Roeding, of Fresno, went to the capital to demand a hearing, which was granted, the date being set as February 9, before Lieutenant Governor Wallace, acting governor during the absence of Governor Johnson. The quarantine was ordered raised.

GRIFFINGS' NEW NURSERY.

Griffing Bros.' Nursery Co. has bought forty acres of land at Nona, twenty-three miles northwest of Beaumont, Tex., which land is being converted to nursery use. It will be one of the Griffing brothers' several nurseries and is part of the incorporated company. The company has a force of fifteen men employed on the tract and has shipped from Port Arthur a large quantity of young stock which is being set at the Nona holdings. In speaking of the matter W. D. Griffing said: "We intend to run the Nona nursery as an adjunct to the Port Arthur nursery. We are starting in a small way with forty acres and may increase our acreage. We will grow a general variety of trees and plants, including peaches, plums, orange and pecan. We have decided to go into the rolling country farther north in order to raise several varieties which we have found do not do so well near the coast. No outside capital is going into this investment; it is wholly a part of the Griffing Bros.' Nursery Co., and is intended as an adjunct of the nursery at Port Arthur."

RECORD CITRUS ORDER.

A. B. Miller, president and general manager of the Fontana Development Co., Los Angeles, Cal., has placed an unusually large order for nursery stock, amounting to 100,000 orange and lemon trees, which will be planted on the company's property during the coming spring, supplying a tract of about 1,300 acres. Among the varieties purchased the Washington navel orange predominates. Sixty per cent of the entire planting will be of that variety, about fifteen per cent will be lemons and fifteen per cent Valencias, the rest being Marsh's Seedless grapefruit.

CALIFORNIA PRIVET

I have been growing Privet as a specialty for sixteen years. It takes experience to become proficient. If you will give me a trial order, you will be convinced. After you have placed an order with me, you can feel satisfied you are going to get stock graded in such a manner your customer will be more than pleased. I still have a large stock of good, bushy plants to offer. Let me quote you.

C. A. BENNETT

Robbinsville Nurseries ROBBINSVILLE, N. J.

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AM. BEAUTY

Good 2-inch stock.

$50.00 per 1000. March delivery.

SOUTH PARK FLORAL CO.

M. HELLER, Pres. NEW CASTLE, IND.

Mention The Review when you write

40,000 Berberis Thunbergii

	Per 1000
25,000 Berberis Thunbergii, 10-15-in	$ 9.00
15,000 Berberis Thunbergii, 2 yr. trans	22.00
5,000 Berberis Vulgaris, 2 yr	8.00
10,000 Euonymus Radicans, 1 yr	8.00
1,500 Clematis Paniculata, 2 yr	40.00
3,000 Retinospora Plumosa Aurea, 1 yr	20.00
3,000 Honeysuckles, 1 yr., rooted cuttings	10.00
5,000 Japan Maple Purpurea, 2 yr	80.00
2,000 Japan Maple Polymorphum, 2 yr	12.00
6,000 Rosa Rugosa, 2 yr., trans	20.00

B. A. BOHUSLAV & SON

NEWPORT, R. I.

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Carnation Rooted Cuttings

Standard varieties and novelties.

Asparagus Plumosus and Sprengeri Seed. Cyclamen Seedlings and Plants.

See classified advs. Write for our 1912 catalogue.

S. S. Skidelsky & Co.

1215 Betz Bldg., Philadelphia, Pa.

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BURNLEY, ENGLAND

Winter and Spring Price List Ready. Send for copy. Contains some attractive offers.

Roses

Ramblers, Hybrid Teas, Hybrid Perpetuals, Dwarf Polyanthas, Standards and Half Standards.

Rhododendrons

18-24-inch, well budded, named varieties, forcing stock as well as kinds for outdoors, $40.00 per 100.

Lily of the Valley

Just a few cases, best three-year crowns, 2500 to the case, at $35.00 per case, to close out.

Tell us your wants.

Jackson & Perkins Company

Nurserymen and Florists (Wholesale Only)

NEWARK, Wayne Co., NEW YORK

KILLARNEY

Double Killarney is the best pink rose for warm weather. Contracts made for cuttings, eyes or own root plants.

JOHN WELSH YOUNG, Upsal Sta. P. R. R., Philadelphia, Pa.

PITTSBURGH, PA.

The Market.

Pittsburgh is feeling the effects of the worst winter, as far as cold weather is concerned, in thirteen years (the thermometer last week was steadily close to the zero mark) and retail trade was almost at a standstill all the week. It was hoped at least that Saturday would help out, but it was the coldest day of the week. In the face of all this, flowers of all kinds are selling cheaper than ever before at this season, while the growers require extra hands to shovel coal. Some of the growers are having trouble getting coal delivered fast enough, the railroads being behind on their schedules.

There are more than plenty of flowers of all kinds, bulb stock especially being overplentiful. At the club luncheon the other night a bulb salesman, when called on for some remarks, excused himself by saying that everybody was feeling good and enjoying himself, and it only made the florists cross to hear a bulb man talk about bulbs.

Club Meeting.

The Pittsburgh Florists' Club held its regular meeting at the Fort Pitt hotel February 6, and elected the following officers: E. C. Ludwig, president; E. C. Reineman, vice-president; H. P. Joslin, secretary, and John Bader, P. S. Randolph and Neil McCallum, trustees. After the election and other business the members adjourned to the assembly room to partake of a lunch which had been provided and to listen to Chas. H. Totty, of Madison, N. J., the guest of the evening. Mr. Totty had with him his fine white carnation, Wodenethe, which had been awarded a first-class certificate at a former meeting. He spoke at length of the season's novelties and gave the growers present many good points on them. Among the other exhibitors and their offerings were: Chas. Koenig, Millvale, Pa., tulips; Pittsburgh Cut Flower Co., carnations; Finleyville Carnation Co., carnations; Mr. Phillips, gardener for H. J. Heinz, plants of Primula obconica; Arthur James, cyclamens. All the exhibits were in good shape.

Taken altogether it was a most enjoyable and successful meeting.

Various Notes.

A. W. Smith, Sr., is sick in bed for the first time in many years.

Charlie Goodwin has a hard case of pneumonia.

Katherine Lager, of the Pittsburgh Cut Flower Co., is laid up with a bad attack of grip. Hoo-Hoo.

M. Cohen, representing Wertheimer Bros., New York city, was a visitor in Pittsburgh last week.

Walton, N. Y.—T. S. Tripp has sold his business to N. J. Neal.

Carnation Calyx



An effective cure for splits. Simple and indestructible, made of brass. Does not retard the growth of flower at all. A trial will convince. $2.00 per 100, delivered free when cash is with order.

MORTON R. TANK, Chatham, New York

ROOTED CUTTINGS
CARNATIONS

Strong, clean, healthy stock; well rooted. Now ready

	100	1000		100	1000
Beacon	$2.50	$20.00	White Perfection	$2.00	$17.50
White Enchantress	2.50	20.00	Rose-pink Enchantress	2.00	17.50
Enchantress	2.00	17.50			

YOUNG ROSE STOCK

Perle, 2½-inch.....$4.00 per 100; $30.00 per 100

PETER REINBERG

30 East Randolph Street **CHICAGO**

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Western Headquarters for ROSE PLANTS **Poehlmann Bros. Co.**

DOUBLE WHITE KILLARNEY (Poehlmann Strain)

Grafted Stock, $30.00 per 100, $250.00 per 1000

		100	1000
Grafted—			
Pink Killarney	2½-inch,	$12.00	$100.00
White Killarney	2½-inch,	12.00	100.00
Richmond	2½-inch,	12.00	100.00
Maryland	2½-inch,	12.00	100.00
Radiance	2½-inch,	14 00	120.00
Mrs. Aaron Ward	2½-inch,	14.00	120 00
Melody	2½-inch,	14.00	120.00
Antoine Rivoire, Mrs. Taft or Prince de Bulgarie	2½-inch,	14.00	120.00
Sunburst	2½-inch,	35.00	
Own Root—			
Pink Killarney	2½-inch,	6 00	55 00
White Killarney	2½-inch,	6.00	55.00
Maryland	2½-inch,	6 00	55 00
Richmond	2½-inch,	5.00	40.00
Antoine Rivoire, Mrs. Taft or Prince de Bulgarie,	2½-inch,	8.00	70.00
Radiance	2½-inch,	8.00	.....
Melody	2½-inch,	8.00	70 00
Aaron Ward	2½-inch,	8.00	70 00
Lady Hillingdon	2½-inch,	10 00	.....
Double Pink Killarney	2½-inch,	8.00	70.00

Orders are now booked for April, May, June and July delivery.
All goods sold for cash or 30 days on approved credit.

POEHLMANN BROS. CO., Wholesale Florists **Morton Grove, Ill.**

Mention The Review when you write.

ST. NICHOLAS

¶If you have not placed your order for St. Nicholas, you will do well to do so at once. We are sold up clean on all we can deliver during February. We are booking orders now for delivery March 15. Get your order in before these are all spoken for. **$12.00 per 100; $100.00 per 1000.**

BAUR & STEINKAMP

Carnation Breeders **Indianapolis, Ind.**

SUNBURST



The winning new rose of the year. Has been exhibited at all the large shows of 1911-1912, and has won first place over every competitor.

Awarded 90 for culture by the N. Y. Florists' Club at Mr. C. H. Totty's place at Madison, N. J.

An enormous rose on long stems.
Absolutely continuous through the dark weather.
Foliage large and heavy.
Buds long and pointed.
Color, deep orange and pure gold.

Is being planted in quantity by all the best growers. Ready March 1, 1912.

Own Root, $ 30.00 per 100
250.00 per 1000

Grafts, 35.00 per 100
300.00 per 1000

Our grafts are superlatively fine this year.

THE E. G. HILL CO., Richmond, Ind.

CARNATIONS

PRINCESS CHARMING

Better than Enchantress.
Try it and convince yourself.
Rooted cuttings...$6.00 per 100; $50.00 per 1000
Unrooted cuttings 3.00 per 100; 25.00 per 1000

Immediate delivery.

XMAS CHEER

The scarlet pot carnation.
Rooted cuttings only, $6.00 per 100; $50.00 per 1000.

Henry Eichholz

WAYNESBORO, PA.

Don't Delay Ordering

Benora Carnation

NOW, for seasonable delivery.

Write for descriptive circular. Cultural directions with each shipment.

$12.00 per 100; $100.00 per 1000.

PETER FISHER, Ellis, Mass.

Carnations—Rooted Cuttings

Rosette—The bright, large-flowered, dark pink carnation. Winner of the S. A. F. Silver Medal, and First in the 100 Dark Pink Class at the A. C. S. Show at Detroit. Scored 86 points last March at Boston, after traveling over 1000 miles. A sure shipper and keeper. A commercial variety for every florist.

Our large stock enables us to still promise some February delivery if ordered now.

Prices, $12.00 per 100; $100.00 per 1000; 2500 for $237.50

White Wonder—Early March delivery. **Gloriosa**—Late March delivery. **Bonfire**—February delivery. **Golden Ray**—Early March delivery. The above 4 varieties at $6.00 per 100; $50.00 per 1000.

Scarlet Glow—February delivery. **Mrs. C. W. Ward**—March delivery. **White Perfection**—February delivery. **Enchantress**—February delivery. **White Enchantress**—February delivery. **Rose-pink Enchantress**—February delivery. The above 6 varieties at $3.00 per 100; $25.00 per 1000.

Pink Delight all sold.

QUALITY CUTTINGS ARE SURE TO PLEASE—WE GROW THEM.

F. DORNER & SONS CO., La Fayette, Ind.

Mention The Review when you write.

DELHI

A splendid commercial **red Carnation.** It will pay any grower to invest in it. We are now booking orders for latter part of February and March delivery. Stock limited.

$10.00 per 100; $75.00 per 1000

SKIDELSKY & CO., 1215 Betz Building, PHILADELPHIA, PA.

WM. MURPHY, 309 Main Street, CINCINNATI, OHIO

Mention The Review when you write.

BRAMPTON, ONT.

Never since the first greenhouse was erected in Brampton has the thermometer so distinguished itself as during the last week, from 3 below zero on Monday to 32 on Saturday marking the changes the weather has undergone during that period. Over 100 tons of anthracite coal a day is the quantity required to keep the Dale Estate warm, and the engineers and firemen have no sinecure these days.

Carnations are in excellent condition at present, but bulbous stock forms the larger portion of the output. In violets the supply is much less than the demand and the quality is good for the time of year.

Propagating is in full swing and on a larger scale than ever, and the carnation cuttings this season look particularly healthy; the same cannot be said of Easter lily plants, however, the percentage of loss being about equal to last year.

Walter Calvert is meeting with great success in violets and is adding still further to his premises, with increased business in view. W. G. P.

ERIE, PA.

Messrs. Lichtinger and Weltz, of the Cherry Hill Greenhouses, have just disposed of an immense crop of lettuce and will now fill their houses with spring stock.

Vern L. Schluraff will open a flower store in the new Masonic building and will have as fine a location and store as can be found in the city.

The Erie Floral Co. is now cutting some of the finest roses that are seen in this market.

On and after March 15 the Baur Floral Co. will be located in its new store in the Marine Bank building, where the finer and larger store will enable the firm to keep pace with its rapidly increasing trade.

A. J. Baur has returned from an eastern business trip.

C. W. Zuck & Sons expect to add about 30,000 square feet of glass to their range.

Jesse Frost will add another house to his large vegetable plant.

J. E. K.

Carnation Novelties

Did you see **"Wodenethe"** at Detroit? If you did, you know that it has easily established its position as the best white, and also won the Sweepstakes over all other varieties.

The "knocker" might tell you this variety is not free enough to be grown as a commercial flower.

"Seeing is believing," so come and see it growing for yourself. This is all we ask.

We can still quote February delivery on **"Wodenethe"** and **"Brooklyn,"** at $12.00 per 100; $100.00 per 1000.

Charles H. Totty

MADISON, - - NEW JERSEY

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Rooted Carnation Cuttings

of up-to-date varieties
List on application

LITTLEFIELD & WYMAN
NORTH ABINGTON, MASS.

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Easter Stock

	Doz.	100
Lilies, 5½-in. pots	$ 6.00	$ 40.00
Hydrangeas, 4-in., house-grown	2.50	17 50
Hydrangeas, imp., 6-in., 4 to 6 heads,	7.00	50.00
Hydrangeas, imp., 6-in., 6 to 10 heads.	10.00	75.00
Hydrangeas, imp., 7-in., 8 to 12 heads,	15.00	100.00
Hydrangeas, imp., 8-in., 10 to 16 heads,	20.00	150.00

	Each
Azaleas	75c, $1.00, $1.25 and $1.50
Spiraeas	35c, 50c and 75c
Deutzias	25c
Baby Rambler Roses, 6-in.	50c and 75c
Baby Rambler Roses, 4-in.	25c and 35c
Baby Rambler Roses, pink and white, 4-in.	25c and 35c
Hermosa Roses, 4-in	20c, 25c and 35c

Primroses, Chinese and Obconica, 3 and 4-in.
Cyclamen, 4-in., fine.
Cinerarias, 4 and 5-in.
Hyacinths.
Tulips.
Narcissus.

ROSES

	Per 100		
	R. C.	2½-in.	3-in.
American Beauties	$3 50	$6 00	$8 50
Brides	2 00	3 50	6 00
Maids	2.00	3 50	6 00
Kaiserins		6 00	8 50
Ivory	2 00	3 50	6 00
Uncle John	2.00	3 50	6.00
Richmond	2 50	4 00	7.50
Killarney, Pink		6.00	8 50
Killarney, White		6.00	8.50

GEO. A. KUHL

WHOLESALE GROWER

PEKIN, :: ILLINOIS

Mention The Review when you write.

Cyclamen Seedlings and R. C., Etc.

We have a fine lot of Cyclamen Seedlings, very good imported strain, to offer in 6 separate varieties, $1.50 per 100; $12.50 per 1000.

	Per 100	1000
Moonvines, white, R. C., extra fine and clean. We have 10,000 of these.	$1.50	$15 00
English Ivy, R. C.	1.00	10.00
Lantanas, R. C., in 3 varieties.	1.50	12.50

Hydrangea Otaksa, dormant, 3-in., $8.00 per 100; 4-in., $15.00 per 100; 5-in., $25.00 per 100.

We solicit your patronage.

D. U. Augspurger & Sons Co.

PEORIA, ILL.

Mention The Review when you write

FERNS FOR DISHES

Assorted varieties, 2¼-in pots, $3.50 per 100; $30 00 per 1000.

Asparagus Plumosus,

4-in. pots, $8 50 per 100; $30 00 per 1000; 3-in. pots, $6.00 per 100.

Cash with order. 500 at 1000 rate.

FRANK OECHSLIN. 4011 W. Quincy Street, CHICAGO, ILL.

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G. DREYER

Tel. 228 Newtown

Jackson Ave. ELMHURST, L. I.

DECORATIVE PLANTS

Mention The Review when you write.

Our Salesman in form of our Catalogue has been mailed.
Have you received yours?

DOUBLE WHITE KILLARNEY
KILLARNEY QUEEN—SUNBURST

are in **New Roses** the best offerings of the season, and we are in the market to supply the best that is to be had.

In **Yellow Roses,** which are in demand, we can supply in quantity:
LADY HILLINGDON, MRS. AARON WARD and MELODY

IN STANDARD VARIETIES

KILLARNEY — WHITE KILLARNEY
RICHMOND — MRS. TAFT (A. Rivoire)
DOUBLE PINK KILLARNEY
MY MARYLAND — RADIANCE

CARNATIONS

Wodenethe, Brooklyn, White Winsor, Mrs. C. W. Ward, White Perfection, White Enchantress, Beacon and Winsor

CHRYSANTHEMUMS

Strictly Commercial Varieties.

CHADWICK SUPREME. The best late pink.
SMITH'S ADVANCE. The earliest white.
ROMAN GOLD. An excellent new yellow.

These, with a select list of Standard Commercial, profitable varieties that can be relied upon, are included in our Catalogue, with the best list of **Pompons** ever offered. **Best,** because there are no varieties offered that are not paying propositions commercially. Not a long list of names, but something that means profit for the grower.

BEDDING STOCK

Coleus, in quantity — Salvias — Heliotrope
Begonias, Lorraine and Cincinnati
Asparagus Hatcheri and Plumosus Nanus
Palms and Ferns

The sum and substance of our Catalogue is—

STANDARD COMMERCIAL STOCK AT STANDARD PRICES.

If you have not already received our Catalogue, write for it at once, remembering that **early** orders mean better service and earlier delivery.

A. N. PIERSON, Inc. CROMWELL CONN.

The New Carnation, BROOKLYN

A Reincarnation of the Old William Scott, but embodying additional and more important qualities

THE NEW "HELEN" PINK A beautiful Deep Pink after the style of the old William Scott, lighter than Lawson, grand under artificial light. Highly built-up center, petals fringed, habit of growth all that could be desired. Very easy propagator, fastest growth of any Carnation. Flowers 3-in. and larger. **Preliminary scoring, New York Florists' Club, 86 points. "Certificate of Merit" Horticultural Society of New York. TO BE DISSEMINATED 1911-1912.**

ROOTED CUTTINGS, ready now, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate.

Charles Weber
GROWER
Lynbrook, Long Island, **New York**

R. G. WILSON
Fulton Street and Greene Avenue
BROOKLYN, N. Y.

CHAS. H. TOTTY
Madison, N. J.

Mention The Review when you write

MILWAUKEE.

The Market.

With a good deal of bright and more mild weather, the receipts in most lines of cut flowers were quite satisfactory last week. While roses in all colors are still what one would call scarce, the supply of carnations was about equal to the demand, but with funeral work still predominating, stock for that line was well cleaned up most of the time. Violets and valley also moved well, while bulbous stock came in quite handy to fill in. Lilies of late have been a good proposition.

Various Notes.

A visit to the Freytag establishment, on Forest Home avenue, found the place in the usual spick-and-span condition. Although they have been kept exceptionally busy with funeral and other work of late, they manage to keep things just so, which is a point often overlooked, especially when greenhouses are run in connection with a store.

The Mitchell Street Florist had the window tastefully arranged with baskets filled with blooming plants, plus trimmings, which helps the sales materially.

The McKenney Co. says there is nothing to the report that they intend to move to their new property acquired on Jackson street; it is only a matter of investment, for the present at least.

J. M. Fox & Son have an attractive window, presenting a rustic effect and incidentally pushing the sales of single and double narcissi.

Nic Zweifel, of North Milwaukee, is putting in benches and the heating system in the latest addition, a carnation house 27 x 200. This gives him a good chance to take care of his young stock as it comes out of the cutting bench. His stock is in fine condition and the quantity of cut blooms is satisfactory.

Manke Bros., right across the way from Mr. Zweifel, say they are not having so good success with Enchantress this season as in former years. White Perfection and Beacon with them are looking and doing especially well these days.

The A. F. Kellner Co. has the order for the bachelors' ball to be held at the Deutscher Club February 19.

Visitor: Albert Benke, of Loeffler & Benke, Watertown, Wis. E. O.

ROSES

	GRAFTED		OWN ROOT	
	Per 100	1000	Per 100	1000
Double White Killarney (Reuter's Strain)	.....	.....	$25.00	$200.00
Lady Hillingdon	$25.00	$200.00	20.00	150.00
Rose Queen	20.00	150.00	15.00	100.00
Double Pink Killarney	.....	.....	15.00	100.00
Mrs. Taft	18.00	150.00	8.00	70.00
Melody	.....	.....	12.00	100.00
White Killarney, Pink Killarney and Richmond	.....	.....	7.00	60.00
Maryland	.....	.....	7.00	60.00

Our stock is grafted on English Manetti and is especially strong and clean. It is heavily rooted and as good as can be produced. Write for special prices on large quantities.

CARNATIONS

ROOTED CUTTINGS

	Per 100	1000		Per 100	1000
White Wonder	$6.00	$50.00	Bonfire	$6.00	$50.00
Gloriosa	6.00	50.00	Mrs. C. W. Ward	3.50	30.00
Washington	6.00	50.00			
White Enchantress, White Perfection, May Day, Afterglow, Winsor, Beacon, Ruby and Conquest				3.00	25.00

New Double Marguerite, Mrs. F. Sander

A good variety, very free and an easy grower. Strong plants, 2-in. pots, $5.00 per 100; $40.00 per 1000.

S. J. REUTER & SON, Inc., Westerly, R. I.

Mention The Review when you write.

YOU WHO WANT

Early Cuttings

Place your orders and get

IMMEDIATE DELIVERY

	Per 100	Per 1000
Enchantress, White Enchantress, Beacon	$3.00	$25.00
Gloriosa, White Wonder	6.00	50.00
Dorothy Gordon	$4.00 per 100;	$35.00 per 1000
Perfection	3.50 per 100;	30.00 per 1000
Winsor	2.50 per 100;	20.00 per 1000
Rose-pink Enchantress	2.50 per 100;	20.00 per 1000

For MUMS see classified advertisement.

J. D. Thompson Carnation Co., Joliet, Ill.

Mention The Review when you write.



COMFORT

A Seedling of S. M. MERWARTH & BRO., Easton, Pa.

Parentage, HARLOWARDEN and ENCHANTRESS

As a medium-priced "red" it has a very promising future

From the Florex Gardens, North Wales, Pa., where this has been grown on trial, we have a letter under date of Nov. 24, 1911, saying: "So far we like the new seedling very much; the color of the flower is fine and the size good. The stems are stiff and the number of blooms to a plant shows it will be a good producer."

E. J. Weaver, of Ronks, Pa., who has been growing five hundred on trial, writes us under date of Jan. 8, 1912: "So far this season this variety has produced more than double the blooms Beacon has, planted in the same house, and I feel sure it will maintain its lead the balance of the season. It is of a much brighter color than Beacon, flower as large, with a good stem, and a calyx that practically does not split, not averaging more than one split flower a week from the five hundred plants."

Well-rooted Cuttings, $6.00 per 100, $50.00 per 1000

Our Usual Guarantee Goes with This Stock

P M QUALITY

S. S. PENNOCK-MEEHAN CO.

"THE" Wholesale Florists of Philadelphia

1608 Ludlow St., PHILADELPHIA, PA.

Mention The Review when you write.

Double Pink Killarney

March delivery, $100.00 per 1000.

FERNS...FERNS

Boston, Whitmani, Scholzeli,
4-in., $12.50; 5-in., $25.00; 6-in., $40.00

CYCLAMEN

In bud and bloom, 5-in., 30c; 6-in., 50c.

Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Mention The Review when you write.

Asparagus Plumosus, 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Asparagus Sprengeri, 2-in. pots, $2.00 per 100; 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Smilax, 3-in. $4.00 per 100.

Ferns, Boston, Whitmani, Scottii and Scholzeli, 4-in. pots, $2.00 per doz.; 5 in., $3.00 per doz.

Dracaena Indivisa, 3-in. pots, $4.00 per 100.

Daisies, white, Paris, Giant, 2½-in. pots, $3.00 per 100.

Clematis Paniculata, strong plants, 2-yr.-old, $10.00 per 100; 1-yr.-old plants, $5.00 per 100.

Hardy English Ivy, 4-in. pots, $10.00 per 100; 3-in. pots, $5.00 per 100.

C. EISELE

11th & Westmoreland Sts., Philadelphia, Pa.

Mention The Review when you write

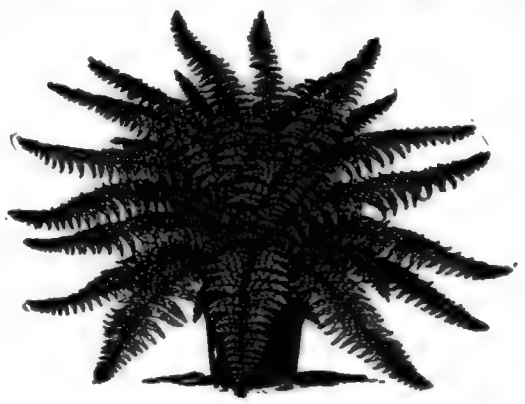
JOHN SCOTT

Rutland Road and E. 45th St.,

BROOKLYN, N. Y.

Palms, Ferns and Decorative Plants

Mention The Review when you write.



ROOSEVELT.

	2½-in. 100	4-in. 100	5-in. 100	6-in. 100
Boston	$3.50	$12.00	$25.00	$40.00
Whitmani	3.50	12.00	25.00	40.00
Todeaoides	3.50	12.00	25.00	40.00
Scottii			25.00	40.00

Asparagus Plumosus, 2-in., $2.00 per 100; $18.00 per 1000; 2½-in., $3.50 per 100; $30.00 per 1000; 3-in., $5.00 per 100; $45.00 per 1000.

	Per 100
Coleus Christmas Gem	$2.50

Roosevelt Ferns

This fern will undoubtedly take the place of Boston in the near future. It is a faster grower, makes twice the runners and finishes up into a large plant in shorter time. 2½-inch, $2.50 per dozen; $17.50 per 100; $150.00 per 1000.

	Per 100
Violets, Wales	$2.50
German Iris, Florentina Alba, earliest large-flowering Iris	2.50
Iris Pallida Dalmatica, lavender, shaded blue	8.00

Clematis Paniculata, 2-in., $2.50 per 100; $20.00 per 1000; field, 1-year, $4.00 per 100; 2-year, $8.00 per 100.

Phlox Miss Lingard, field clumps, $4.00 per 100; $35.00 per 1000.

THE REESER PLANT CO., Exclusively Wholesale Plantsmen SPRINGFIELD, OHIO

Mention The Review when you write.

CHINESE PRIMROSES

Best fringed, $4.00 per 100.

Obconica Giants, largest flowering, strong 3-in., $5.00 per 100.

Pelargoniums, extra strong 3-in., $5.00 per 100.

Irish Shamrocks, the real green, 2-in., large plants, $3.00 per 100.

CASH, PLEASE

M. S. ETTER,

Successor to
JOHN F. RUPP, Shiremanstown, Pa.

Mention The Review when you write.

FERNS---ROSES ....BEGONIAS....

Amerpohlii, Barrowsii, Scottii, Elegantissima, Boston, Jacksoni, Piersoni, Sword, Whitmani, 2½-in. pots, $4.00 per 100; 4-in., $15.00 per 100.

Rex Begonias, assorted varieties, 3-in. pot plants, $5.00 per 100; $45.00 per 1000.

Roses our specialty. Ask for quotations.

The Dingee & Conard Co., West Grove, Penna.

Mention The Review when you write.

WASHINGTON, D. C.

The Market.

Business is brisk in this valentine season. It is better than in any previous year, the local florists say. Stock is not extra plentiful, generally speaking, although the supply equals the demand for bulbous flowers and some others. Roses are scarce, especially Richmond and other red varieties, which seem to be favorites with Cupid's messengers. Callas are somewhat plentiful. Carnations are cheaper than they have been for some time past. Some fine dark red ones are being shown.

Stock in general is somewhat more plentiful than last week, owing to the clear weather and warm sunlight prevailing for several days. Prices are moderating from the midwinter scale. Among the new things on the market are alliums, marguerites and potted cinerarias. Many windows are appropriately decorated for Valentine's day with floral hearts, red ribbons, etc. Baskets and other fancy packages are much in evidence, the designs being appropriate for the season. Red boxes in heart shapes and other designs are being used.

Various Notes.

David G. Grillbortzer, of Alexandria, Va., is sending considerable quantities of good stock to the Washington market. Much of it is being handled by S. S. Pennock-Meehan Co.

The Y. M. C. A. is giving a series of lectures on "Gardening for Pleasure and Profit." Flower and food crops will be covered. The first lecture of the season was delivered a few days ago by Prof. L. C. Corbett, chief of the division of horticulture of the agricultural department. His subject was "Feeding the Multitude." Other lectures will be by recognized experts on the subjects treated.

Z. D. Blackistone displayed some attractive fancy baskets decorated with ribbons and filled with flowers for valentines. He says they sold quite well.

J. H. Small says that the valentine trade is good. His firm is offering a lot of fine cinerarias.

Favorable reports are also made by George C. Shaffer, who has a couple of seasonable wedding and party decoration contracts on hand for this week.

H. C. H.

Mason City, Ia.—The Curtis Floral Co. has a new red geranium that is thought so well of that naming and dissemination are under consideration.

Every grower who has found a profit in Golden Glow mums will want to try

SMITH'S ADVANCE

the earliest white. We are supplying stock from a grower who made a great success with it. Rooted cuttings, 75c dozen; $5.00 per 100. From 2¼-in. pots, $1.25 dozen; $8.00 per 100.

100 rate on lots of 25 or more.

GROWERS:—Write us about your needs in Carnation Cuttings. Our connections with the best growers everywhere make it possible for us to supply stock of best quality.

A. L. RANDALL CO.

66 E. Randolph St., CHICAGO

Mention The Review when you write.

Seasonable Plants

At bargain prices, for immediate delivery, to make room for planting. All fine stock.

Carnation White Wonder, fine cuttings, ready now, $5.50 per 100. Write for price on 5000.

200 **4-inch Genista,** for Easter blooming, $1.00 per doz.

100 **Jerusalem Cherries,** right for February 22, 12½c each.

5000 **Godfrey Calla,** $35.00 per 1000.

5000 **Adiantum Croweanum,** 10c each.

100 **Primula Chinensis,** 5-inch, in full bloom, $1.00 per doz.

500 **Mrs. Sander Daisy** (new), 6c each.

FRED H. LEMON & CO., Richmond, Ind.

Mention The Review when you write.

CHRYSANTHEMUMS

A PINK GARZA (Mary Colladay)

A seedling of Garza, with habit of parent; in color, a rich rose lavender pink. Extremely free and of excellent keeping qualities. Whether grown for pot plants or for cuttings, it is equally adaptable. Do not disbud.

35 cents each; $4.00 per dozen; $25.00 per hundred

HARDY CHRYSANTHEMUMS

Send a card for our list of a selected collection, with prices.

THE STRAFFORD FLOWER FARM, STRAFFORD, PA.

Mention The Review when you write.

Booking Orders NOW for

HELEN NEWBERRY

The Fine Late White Pompon Chrysanthemum

DELIVERY MARCH 1, 1912—ORDERS FILLED IN ROTATION

Prices

100 for $15.00 50 for $7.50 25 for $5.00 12 for $3.00

Send orders to

FRED PAUTKE
Grosse Pointe, Mich.

OR

FRED BREITMEYER
Mt. Clemens, Mich.

Mention The Review when you write.

NOW IS THE TIME TO CONSIDER

CHRYSANTHEMUM

REQUIREMENTS FOR 1912

It is unnecessary to spend much time and money in setting forth the merits of our products. Our past introductions have (as every florist knows) been of the highest grade.

Our 1911 Novelties were the best offered last year.

Our 1912 Novelties are unequaled by any others.

Ask for our Catalogue. Send your order early and we will do the rest.

Elmer D. Smith & Co., Adrian, Mich.

Mention The Review when you write.

DREER'S FINE FERNS

Adiantum Farleyense

For fine decorations, a splendid lot of

4-inch pots.....$ 5.00 per dozen; $ 40.00 per 100
5-inch pots..... 9.00 per dozen; 70.00 per 100
6-inch pots..... 12.00 per dozen; 100.00 per 100

Adiantum Croweanum

3-inch pots.....$2.50 per dozen; $15.00 per 100

Nephrolepis Bostoniensis

6-inch pots.....50 cents each; 10-inch pans, $2.00 each

Nephrolepis Scottii

6-inch pots.....50 cents each

Nephrolepis Superbissima

6 inch pots.....35 cents each

Mixed Ferns

2½-inch pots.....$5.00 per 100; $40.00 per 1000

Asparagus Plumosus Nanus

2¼-inch pots.....60 cents per dozen; $4.00 per 100
3-inch pots.....85 cents per dozen; 6.00 per 100
6-inch pans.....50 cents each; $6.00 per dozen

Asparagus Sprengeri

2¼-inch pots.....60 cents per dozen; $4.00 per 100
3-inch pots.....75 cents per dozen; 6.00 per 100

Cibotium Schiedei

Splendid decorative stock; the best we have ever offered.
6-inch pots..$1.50 each 10-inch tubs ..$3.50 to $ 5.00 each
8-inch pots.. 2.50 each 12-inch tubs .. 6.00 to 10.00 each



Mixed Ferns for Fern Dishes

Prime stock in 2¼-inch pots, $3.50 per 100; $30.00 per 1000

HENRY A. DREER,

714 CHESTNUT STREET
PHILADELPHIA, PA.

The above Prices are for the Trade only.



"FAIRY QUEEN"

New early pompon.

Deep shell pink, of round form, and medium size.

Awarded Certificate by Chrysanthemum Society of America.

March delivery.

$2.50 per dozen; $15.00 per 100

HARTJE & ELDER

R. F. D. No. 29

INDIANAPOLIS, IND.

PLANTS YOU NEED

CHINESE PRIMROSES, 4-in., full of bud and bloom, extra fancy mixed, $7.50 per 100.
PRIMULA OBCONICA, 4-in., mixed, full of bud and bloom, $5.00 per 100.
CINERARIAS, fancy mixed, 4-in. plants, $5.00 per 100.
ASPARAGUS SPRENGERI, large 4-in., $6.00.
CYCLAMEN, 3-in., 6 colors, $7.50 per 100.
SNAPDRAGONS, 3-in., white, pink, yellow, $5.00 per 100; $45.00 per 1000.
MARGUERITES, large 2½-in. plants, white and yellow, $2.25 per 100.
HELIOTROPES, 2½-in., 3 kinds, $2.50 100.
FUCHSIAS, 2½-in., 12 kinds, including Little Beauty and Storm King, $2.50 per 100.
PELARGONIUMS, Lady Lloyd, 2½-in., $4.00.
ALTERNANTHERAS, red and yellow, 2¼-in., $2.00 per 100; $18.00 per 1000.
ALTERNANTHERAS, Brilliancy, 3-in. plants, $3.00 per 100.
DOUBLE PETUNIAS, 3-in., 12 kinds, $5.00 100.
SMILAX, large 2½-in., $2.00 per 100.
CANNAS, 15 fancy kinds, mixed, $1.50 per 100; $14.00 per 1000.

Send your order now. This adv. may not appear again.

ALONZO J. BRYAN, Wholesale Florist,
Washington, New Jersey

Mention The Review when you write.

CHAS. D. BALL

GROWER OF

PALMS, ETC.

Send for Price List

HOLMESBURG, . . PHILADELPHIA, PA

Julius Roehrs Co.

RUTHERFORD, N. J.

Palms, Plants, Orchids, Etc.

Send for Price List.

CYCLAMENS

YOU NEED CYCLAMENS and we have them in fine shape, 4-in., 5-in. and 6-in., from 15c to 50c each.

150,000 GIANT CYCLAMEN SEEDLINGS.

We claim the finest commercial strain in this country. Mr. A. Hange, Birmingham, Ala., says, "I planted 100 of your seedlings last year (1910) in comparison with 2500 from so-called unrivaled, high-priced English strains, but yours outgrew them." Transplanted August seedlings, $3.00 per 100; $25.00 per 1000.

GODFREY CALLAS bring 3 flowers to 1 of the common, and bloom from 3-in. pots; 3-in., $6.00 per 100.

Cash with order.

C. WINTERICH

Cyclamen Specialist, Defiance, Ohio

Mention The Review when you write

Rooted Cuttings

Begonias, flowering kinds, $1.75 per 100.
Verbenas, 70c per 100; $6.00 per 1000.
Pelargoniums, $2.50 per 100.
Ageratums, 60c per 100; $5.00 per 1000.
Daisies and **Salvias,** $1 per 100; $8 per 1000.
Petunias, $1.25 per 100; $10.00 per 1000.
Coleus, 70c per 100; $6.00 per 1000.

All good varieties and named.
Express paid on all rooted cuttings.
Cash with order.

S. D. BRANT, Clay Center, Kan.

Mention The Review when you write.

FERNS AND ASPARAGUS

Nephrolepis Whitmani, Scottii and **Bostoniensis,** 6-in. pots, 35c each; 7-in., 75c each.
Asparagus Plumosus, 3-in., $5.00 per 100.

Cash with order.

ASCHMANN BROS.

Second and Bristol Sts., PHILADELPHIA

DAYTON, O.

The Market.

While the month of February started in well, still it could have been better and we should still have had stock left over. The weather has been so extremely cold that it seems the florist is only in business for the benefit of the coal man. Funeral work is the only real live wire in the florists' business at present, and the demand along this line is somewhat spasmodic. Roses in general seem to be the scarce article and, of course, they are the one thing for which the demand runs highest. Carnations are in full crop and sell quite satisfactorily. The lily supply is ample to keep up with the trade. Bulbous stock of all seasonable varieties is most plentiful and could easily stand an increase in demand. The fore part of last week business was rather slow, but a decided increase was noticed during the last few days.

Florists report booking some good orders for St. Valentine's day, the greatest demand running in red carnations and all choice roses; also corsage bouquets of violets, valley, orchids and sweet peas.

Various Notes.

The week commencing February 12 is automobile show week in Dayton. It is also a good week for the florists, as many palms and ferns, as well as cut flowers, are being used for this occasion.

The latest addition to the down-town store of the Heiss Co. is an elaborate cash register.

Miss Amy Ewing is still seriously ill at her home with typhoid fever. Little change is noted in her condition.

I am glad to report that Mrs. Elizabeth Young, who has been quite ill since the holidays, is able to leave her room, although she will be confined to the house for several weeks more.

Recent visitors have been: D. Rusconi, of Cincinnati; Aug. Rolker, New York city; Edwin J. Fancourt, of Pennock-Meehan Co., Philadelphia; Frank E. Kegres, representing Ralph M. Ward & Co., New York. R. A. L.

Grand Rapids, Mich.—Charles P. Limbert is building a greenhouse at his suburban home at Fiske lake.

EASTER IS COMING SOON

Araucarias Our Specialty



No Arguments Needed

For Easter Day, next Easter Day,
Come fill your benches right away.
The Palms will grow, Azaleas bloom
Best in your house if purchased soon.

The Araucarias that I sell
Will dollars grow if treated well,
And all my Lilies healthy are,
Without one sickly leaf to mar.

What do you need for Easter Day?
Bulbs, Ferns, whatever else you say—
I've everything the people need,
All growing strong as any weed.

And oh, the beauty of them all,
The best of earth, both large and small!
Why, Godfrey Aschmann leader stands,
With all that's good from many lands.

We have an immense stock of **EASTER AZALEAS,** blooming at Easter or before. **Mme. Vander Cruyssen,** double pink; **Simon Mardner,** double pink; **Deutsche Perle,** double white; **Niobe,** double white; **Helene Theleman, Professeur Wolters, Vervaeneana,** double variegated; **Apollo,** red, and others, 75c, $1.00, $1.25, $1.50 to $2.00. **Vervaeneana, Simon Mardner, Deutsche Perle,** nearly in bloom, 75c to $1.00.

We can spare about 1500 **LILIUM MULTIFLORUM,** just right for Easter blooming, raised from selected best Japan growers, 9 to 10-in. bulbs, 5½ to 6-in. pots, now 8, 10, 12 to 15 in. high, some showing buds, 25c, 30c to 35c per plant.

We have to offer, in prime condition, a large stock of **ARAUCARIA EXCELSA,** 5½, 6 and 7-in, 4, 5, 6 to 7 tiers, 18, 20, 28, 30 to 40 in. high, 50c up to $1.25; **ROBUSTA COMPACTA, EXCELSA GLAUCA,** $1.00 up to $2.00.

FERNS.—SCOTTII, WHITMANI, BOSTON, SCHOLZELI and **GIATRASII,** 5½, 6 and 7-inch sizes, 35c, 40c, 50c, 75c to $1.00.

RUBBER PLANTS, 6 and 7-in. pots, 25 to 35 in. high, 35c, 40c, 50c, 75c to $1.00.

20,000 **ASPARAGUS PLUMOSUS,** 2½, 3 and 4-in., 3c, 5c and 10c; **SPRENGERI,** 4-in., 10c.

KENTIAS, BELMOREANA AND FORSTERIANA, single, 5½ to 6-in. pots, 25, 30 to 40 in. high, 50c, 75c, $1.00, $1.25, $1.50 to $2.00. **KENTIA BELMOREANA,** made up, 60c, 75c to $1.00.

LATANIA BORBONICA, 7-in., 30 to 35 in. high, 8 leaves, 75c to $1.00; made up, 6-in., 30 in. high, 50c.

ARECA LUTESCENS, 4-in., made up of 3 plants, 15c, 25c; 5¼ in., 25c.

COCOS WEDDELLIANA, 3-in., 15c; 4-in., 20c.

PRIMULA CHINENSIS, in bloom, 4-in., 10c; 5¼-in., $2.00 per doz.

GODFREY ASCHMANN, 1012 W. Ontario St., Philadelphia, Pa.

Mention The Review when you write.

Heacock's Palms and Ferns

HOME-GROWN—STRONG AND HEALTHY

Our Palm sales have increased more than 44% during the year 1911 over the sales of the previous year. We are still strong on the following sizes:

Areca Lutescens

	Plants	Height	Each
9-in. cedar tub	Several in tub	5 ft.	$7.50

Kentia Belmoreana

	Leaves	Height	Each	Doz.
2½-in. pot	4	8 to 10 in.		$ 1.50
3-in. pot	5	12 in.		2.00
5-in. pot	6 to 7	18 in.	$0.50	6.00
6-in. pot	6 to 7	24 in.	1.00	12.00
7-in. cedar tub	6 to 7	34 to 36 in.	2.50	30.00
7-in. cedar tub	6 to 7	36 to 38 in.	3.00	36.00
9-in. cedar tub	6 to 7	40 to 45 in.	4.00	48.00
9 in. cedar tub	6 to 7	42 to 48 in.	5.00	
9-in. cedar tub	6 to 7	48 to 54 in.	6.00	

Cocos Weddelliana

		Per 100
2½-in. pot	8 to 10 in. high	$10.00

Made-up Kentia Forsteriana

	Height	Each	Doz.
7-in. cedar tub, 4 plants	36 in	$2.50	$30.00
7-in. cedar tub, 4 plants	36 to 40 in.	3.00	36.00
9-in. cedar tub, 4 plants	40 to 42 in.	4.00	48.00
9-in. cedar tub, 4 plants	42 to 48 in.	5.00	60.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
6-in. pot, 18 to 20 in. spread	1.50
7-in. cedar tub, 18 in. high, 24-in. spread	2.00

Cibotium Schiedei

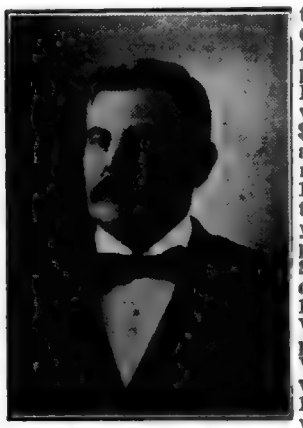
9-in. cedar tub, 4-ft. spread	4.00
9-in. cedar tub, 5-ft. spread	5.00
9-in. cedar tub, 5 to 6-ft. spread	6.00

Joseph Heacock Co., Wyncote, Pa.

Railway Station, JENKINTOWN

Mention The Review when you write.

DOWN—DOWN—DOWN



they go for a short time. Our Verbenas are the finest in the land, 60c per 100; $5.00 per 1000. Fuchsias, the best named varieties, $1.00 per 100; $9.00 per 1000. Coleus, all the finest select named varieties, 70c per 100; $6.00 per 1000. Alternantheras, red and yellow, very strong, 60c per 100; $5.00 per 1000. Sweet Alyssum, our big double giant, 80c per 100; $6.00 per 1000. Daisy, White California, $1.00 per 100; $8.00 per 1000. Vincas, rooted cuttings, very strong, $1.00 per 100; $8.00 per 1000. Salvias, Bonfire and St. Louis, the leading varieties, 80c per 100; $7.00 per 1000. Feverfew, Little Gem, large, fine, double flowers, the best of all, $1.00 per 100; $9.00 per 1000. Swainsonas, $1.25 per 100. Geraniums, Jean Viaud and Mme. Buchner, strong, 2-inch, $2.00 per 100; Mme. Salleroi Geraniums, $1.25 per 100. Express prepaid on all rooted cuttings. Satisfaction guaranteed to all parts of the United States.

C. HUMFELD, Clay Center, Kan.

THE ROOTED CUTTING SPECIALIST

Mention The Review when you write.

40,000 S. A. NUTT

To be disposed of at once to make room for later stock; consisting of 2½-inch and 3½-inch, all ready to shift. They are strong and healthy plants.

We also have about **12,000 Mixed Plants** (mixed by mistake), that we are offering at a bargain: they are unnamed, but consist of single and double white, single and double pink and single and double red. Write for prices.

The Meredith Flower & Vegetable Co., LIBERTYVILLE ILL.

Pot-Grown Ferns

NEPHROLEPIS

Scottii, Whitmani, Bostoniensis, Piersoni
4-inch, 15c each; 5-inch, 25c each; 6-inch, 50c each; 7-inch, 75c each; 8-inch, $1.00 each.
Large plants .....$1.50 to $3.00 each

CIBOTIUM SCHIEDEI

7-inch $2.00
9-inch 5.00
10-inch tub 7.50

PALMS

Areca Lutescens, 3-inch, 15c; 4-inch, 25c; 6-inch, $1.00; 9-inch, $5.00; 10-inch tub, $6.00.
Latania Borbonica, 4-inch, 20c; 5-inch, 30c.
Kentia Forsteriana—
4-inch pots.....$25.00 and $35.00 per 100
5-inch pots..... 50.00 and 75.00 per 100
6-inch pots..... 1.00 each
7-inch pots..... 2.50 each. Fine plants.
Kentia Forsteriana—
Combination .....$3.00 to $15.00 each
Kentia Belmoreana—
3-inch pots .....$18.00 per 100
4-inch pots .....$25.00 and 35.00 per 100
5-inch pots ..... 50.00 and 75.00 per 100
Kentia Belmoreana—
Larger plants,.....from $2.50 to $10.00 each
Cocos Weddelliana, 2½-inch pots..$15.00 per 100

FICUS PANDURATA

5-inch $0.75
6-inch 1.50
8 inch 3.00

FICUS ELASTICA

4-inch $0.25
5-inch ..... .35
6-inch .....50c and .75
7-inch .....75c and 1.00

DRACAENA MASSANGEANA

5-inch $1.00
6-inch 1.50
7-inch 2.50
8-inch 3.00

DRACAENA TERMINALIS

4-inch $0.35
5-inch ..... .50

DRACAENA LORD WOLSELEY

4-inch.....$0.50
5-inch ..... .75

PANDANUS VEITCHII

4 inch $0.50
5-inch ..... .75
6-inch 1.00
7-inch 1.50
8-inch 2.00

ASPIDISTRAS

Variegated, 5-inch, strong.....$1.25
Green, 6-inch, strong..... 1.00

ARAUCARIAS

Compacta, 5-inch $1.25
Compacta, 6-inch 1.75
Excelsa, 5-inch ..... .50
Excelsa, 6-inch .....75c and 1.00

CHINESE PRIMROSES

4-inch $0.10
5-inch ..... .20

PRIMULA OBCONICA

4-inch $0.10
5-inch ..... .25

ASPARAGUS SPRENGERI

2¼-inch.....$3.00 per 100

ASPARAGUS PLUMOSUS

2¼-inch $0.04

VINCA

Rosea, Rosea Alba, Alba, 2¼-in.....$2.50 per 100

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OUR FIRST COLLECTIONS COME IN APRIL

Cattleya Labiata — Cattleya Mendelii
Cattleya Percivaliana — Cattleya Gaskelliana
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Greatest quantity and variety in the country, and for all purposes. We are now booking orders for freshly imported stock for next year. Write for prices.

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BOXWOOD BUSHES AND PYRAMIDS, fresh imported. Fine shapes and excellent foliage. All measurements from top of tubs.

BOXWOOD BUSHES	Per 100
12 to 14 inches high	$25.00
16 to 18 inches high	40.00
18 inches high	45.00
20 inches high	50.00
20 to 22 inches high, 12 inches diameter	75.00
	Per pair
22 inches high, 14 inches diameter	$ 2.00
24 inches high, 16 inches diameter	3.00
26 inches high, 18 inches diameter	4.00
28 inches high, 18 to 20 inches diameter	5.00
30 to 32 inches high, 20 inches diameter	6.00
34 inches high, 20 to 22 inches diameter	8.00
36 inches high, 22 to 26 inches diameter	10.00
BOXWOOD PYRAMIDS	
2½ feet high, 18 inches diameter	3.00
3 feet high, 18 to 19 inches diameter	4.00
38 inches high, 19 inches diameter	5.00
3½ feet high, 20 inches diameter	6.00
4 feet high, 20 to 22 inches diameter	$8.00 to 10.00
4¼ feet high, 22 inches diameter	12.00
5 feet high, 22 to 24 inches diameter	14.00
5 feet high, 22 to 24 inches diameter (bushier)	16.00

English Ivy in Pots

$2.00 per dozen; $15.00 per 100

Bay Tree Standards

Crowns from 38 to 45 inches, ranging in price from $12.00 to $25.00 per pair

Boston and Scottii Ferns

6½-inch to 9-inch pots, 75c to $3.00 each

Anton Schultheis

FLORIST

College Point, L. I., New York

CHOICE FERNS

FINE STOCK FOR IMMEDIATE SHIPMENT

Nephrolepis Giatrasii (the improved Scottii fern), 6-in., 75c each; 8-in. $1.50 each; 10-in., extra fine specimens, $3.00 to $5.00 each.
Nephrolepis Harrisii, 10-in., fine specimens, $3.00 to $5.00 each.
Nephrolepis Bostoniensis and Piersoni, 8-in., $1.00 and $1.50 each; 10-in., $3.00 and $4.00 each.
Nephrolepis Scottii, 6-in., 50c each; 8-in., $1.00 each; 10-in., $2.50 each.
Nephrolepis Elegantissima, 8-in., $1.00 and $1.50 each; 12-in., $5.00 and $7.50 each.
Nephrolepis Superbissima, 10-in., $3.00 each.
Nephrolepis Viridissima. 3½-in., 25c each; 6-in., 50c and 75c each; 8-in., $1.00 each; 10-in., $3.00 each
Nephrolepis Magnifica and Elegantissima Compacta, 3½-in., 25c each.

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Price list and samples on request.

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FERNS

4-inch, heavy stock, $12 00 per 100. Boston, Barrowsii and Elegantissima.
Also 2¼-inch Boston, $3.50 per 100.

Wagner Park Conservatories

SIDNEY, OHIO

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PORTLAND'S SILVERTHAW.

[Concluded from page 46.]

the public's eye to this shameful negligence on the part of some of our wealthy mossbacks.

Now a word about the great rose festival at Portland, the one big feature of the Pacific coast held annually in this city. The rose show is about the only part in which the local florists take any interest. This show is given by the Portland Rose Society, composed of amateurs, who have by some liberal premiums in the past years induced the local florists to exhibit their best products in order to make the show more interesting to the public and visitors, admission being free. At the last show the festival committee curtailed the allowance for the rose show and admission was charged to defray expenses. It is to be harder on the public this year, as the Rose Society has decided to exclude the general florists' exhibits, which have been about the best feature in the show. The reason seems to be that these exhibits have drawn the public's attention away from the individual rose exhibits, as some members of the Rose Society contend, a queer policy, not to be recommended, in the writer's opinion. However, our foremost professional rose grower has the honor of presiding over our budding Rose Society and we all hope the society will enjoy a blooming good year for 1912.

J. G. Bacher.

PASADENA, CAL.

The spring show of the Pasadena Horticultural Society will be held April 11 to 13.

J. S. Craven, who recently purchased the McComber collection of orchids, is about to build a new house for their culture. This is the collection originally got together by Dr. Schiffman and is full of fine varieties and hybrids. Mr. McKenzie, the grower here, has his plants in excellent condition and grand results may be looked for when his new house is complete.

Trade in the retail stores is improving right along and several large decorations have helped out the stock, but the lack of rain is checking business generally and the seedsmen particularly.

H. R. Richards.

Miller's Giant Obconicas

Will come in for Easter flowers, average larger than silver dollars, on long stems, fine for cutting also. Extra strong, 3-in., $5.00 100; 4-in., $7.00 100.

Cinerarias, the largest flowering grown, fine shades; large 3-in., $3.50 per 100.

Cyclamen Giganteum, in bud, 4-in., $10.00 per 100; 3-in., $5.00 per 100.

Asparagus Plumosus, strong, 3-in., $3.00 per 100; 2-in., $2.00 per 100. Special price by the 1000.

Asparagus Sprengeri, 2-in., $1.50 per 100.

Chinese Primrose, coming in bloom, 3-in., $4.00 per 100.

Kewensis Primrose, for cut and pot plants, sweet scented, 3-in., $4.00 per 100.

Irish Shamrock, 2-in., $3.00 per 100.

These are well grown plants and will please you.

Cash, please.

J. W. MILLER, Shiremanstown, Pa.

Mention The Review when you write.

Asparagus Plumosus Seedlings

$1.00 per 100; $7.50 per 1000.

COLLINGDALE GREENHOUSES

COLLINGDALE, PA.

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SEASONABLE PLANTS

	2-inch Per 100	3-inch Per 100
Geraniums, variegated foliage. Mountain of Snow, Silver Leaf S. A. Nutt, Mrs. Pollock	$3.00	$4.00
Geraniums, ivy-leaved. Rycroft's Surprise, Mrs. Banks, Alliance, Mme. Thibaut, Pierre Crozy, etc.	2.00	3.00
Geraniums, scented. Nutmeg, Lemon, Oak-leaved, Balm, Rose, Apple, etc.	2.00	3.00
Geraniums, standard varieties. We will send 1000, 50 each of 20 distinct named varieties, will include some Ivy if requested, 2-in. for $18 50; 3-in. for $25.00.		
Abutilon Savitzii	3.00	4.00
Achyranthes Emersoni, Besteri Mosaica	2.00	3.00
Begonia, Vernon, white and pink	2.00	3.00
Coleus, Golden Bedder, Verschaffeltii, Queen, Victoria, etc.	2.00	3.00
Coleus, Brilliancy	3.00	4.00
Hardy Chrysanthemums, splendid assortment	2.00	
Hardy English Ivy	2.00	3.00
Heliotrope, Albert DeLeaux, Chieftain, Mme. Bruant	2.00	3.00
Lemon Verbena, strong, summer propagation, semi-dormant	2.00	3.00
Lantanas, Iolanda, Delicatissima, Javoi and other kinds.	2.00	3.00
Petunias, double mixed and white	2.00	3.00
Salvias, Bonfire, Zurich, propagated from cuttings	2.00	3.00
Parlor Ivy, Senecio Scandens	2.00	3.00
Tradescantia Zebrina Multicolor	2.00	3.00
Verbenas, 5 colors, named varieties	2.00	3.00

Cash with order.

R. Vincent, Jr., & Sons Co., White Marsh, Md.

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STOCK ALWAYS NEEDED

Small Ferns for dishes—Pteris Mayii, Serrulata Cristata Variegata, Wimsetti, Cretica Albo-Lineata, $3.00 per 100, $25.00 per 1000.

Aspidium Tsussimense and Cyrtomium Falcatum, $3.50 per 100, $30.00 per 1000.

Asparagus Plumosus, 2½-in., $3.00 per 100, $25.00 per 1000.

Asparagus Sprengeri, 2½-in., $2.50 per 100, $22.00 per 1000.

Pandanus Utilis, 3-in., $10.00 per 100; 4-in., $20.00 per 100.

Cocos Weddelliana, 2½-in., $10.00 per 100.

Anthericum Variegatum, 4-in., strong, $8.00 per 100.

Rhododendron, special forcing varieties, 8 to 12 buds, 18 in. high, 75c each; 12 to 14 buds, 24 in. high, $1.00 each. Bright colored sorts with perfect foliage.

Azalea Mollis, easily forced, 12 to 15 in. high, full of buds, 25c each; 15 to 18 in. high, full of buds, 35c each.

Kentia Belmoreana, 6-in. pots, 5 to 6 leaves, 24 in. high, $1.00 each; 7-in. pots, 6 leaves, 24 to 26 in. high, $1.50 each.

Kentia Forsteriana, 7-in. pots, 40 to 44 in. high, 5 to 6 leaves, $2.50 each; 8-in. pots, 44 to 48 in. high, 5 to 6 leaves, $3.50 each.

Forcing Spiraea Clumps, extra quality. No better proposition for Easter or Memorial day.

Floribunda, $5.00 per 100; $45.00 per 1000.

Gladstone, $10.00 per 100; $90.00 per 1000.

Superba, $6.00 per 100.

Queen Alexandra, $12.00 per 100.

Blondine, $6.00 per 100.

Japonica, $4.00 per 100.

BEDDING STOCK.

You will want to start soon.

Heliotropes. Czar, Czarina, Jersey Beauty, etc., $2.50 per 100.

Coleus—Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.

Geraniums—Standard market sorts, established plants, $3.00 per 100, $25.00 per 1000.

Flowering Begonias, good assortment, $3.00 per 100.

Croton Aurea Maculata—3-in. pot plants, $8.00 per 100.

English Ivy—Strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.

Violet—Hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000.

THE STORRS & HARRISON CO.,

Painesville, Ohio.

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F. S. SMITH

Feverfew, 2¼-in., $3.00 per 100.
Coleus, mixed, $2.50 per 100.
Godfrey Callas, 4-in., $6.00; 2¼-in. $4.00 100

330 W. 38th St., Indianapolis, Ind.

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DAVID HERBERT & SON

ATCO, N. J.

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STOCK UP FOR EASTER

and Spring Trade. We have a complete assortment of Decorative and Bedding Plants, Bulbs and Nursery Stock. Let your orders come. They'll be promptly filled with just the stock you want.

EASTER FORCING STOCK

AZALEAS.

Empress of India.....75c $1.00 $1.50 each
Mme. Van der Cruyssen....75c 1.00 1.50 each

JAPAN MAPLE .....$1.00 each
KALMIA LATIFOLIA ..... 1.00 each
LILAC MARIE LE GRAYE..... 1.00 each

RHODODENDRONS.

Named varieties .....75c $1.00 $1.25 each

SPIRAEA.

Gladstone .....$3.00 per doz.
Queen Alexandra..... 4.00 per doz.

BULBS

CANNAS.

Chicago .....$2.50 per 100; $20.00 per 1000
Egandale ..... 2.50 per 100; 20.00 per 1000
Chas. Henderson.. 2.50 per 100; 20.00 per 1000

DAHLIAS.

A. D. Livoni, shell pink. J. Cowan, single.
Sylvia, light pink. J. Downie, single.
Thatcher, double yellow. Fashion, single.
Ami Barrilet, single.
$12.00 per 100.

GLADIOLI.

Mrs. Francis King, 2nd size, $12.00; 3rd size, $8.00; 4th size, $6.00 per 1000.

ISMENE CALATHINA.

1st size, 6c; 2nd size, 4c; 3rd size, 2c each.



NURSERY STOCK

From the Field, for Spring Shipment.

SHRUBS.

	Feet.	Each.
Morus Alba (Russian Mulberry)....	3 -4	$0.10
Morus Alba	4 -5	.15
Rhus Typhina Laciniata (Cut leaf Sumach)	2 -3	.05
Rhus Typhina Laciniata.....	3 -4	.10
Rhus Typhina Laciniata.....	4	.15
Rosa Rugosa, mixed.....	1½-2	.10
Rosa Rugosa, mixed.....	2 -2½	.15
Rosa Rugosa Alba (Single White).	1½-2	.10
Rosa Rugosa Alba.....	2 -2½	.15
Spiræa Van Houttei (Bridal Wreath)	1 -2	.05
Symphoricarpos Racemosus (Snowberry or Waxberry).....	2	.05
Symphoricarpos Racemosus.....	2 -3	.10
Symphoricarpos Vulgaris (Indian Currant)	1 -1½	.05
Symphoricarpos Vulgaris.....	2 -2½	.10
Symphoricarpos Vulgaris.....	3	.15

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Achillea The Pearl (Sneezewort)..... .10
Boltonia Asteroides (False Chamomile).... .15
Iris, German, named varieties, divisions according to size of clump.....$0.02 and up
Yucca Filamentosa (Adam's Needle or Spanish Bayonet) ..... .10
Yucca Filamentosa ..... .15

Palms, Ferns, Stove and Bedding Plants

ACHYRANTHES, ROOTED CUTTINGS.

Metallica, Panache de Bailey, Lindenii, Warscewiczii .....$6.00 per 1000

ACHYRANTHES, 2-IN. POTS.

Panache de Bailey.....$2.50 per 100
Metallica ..... 2.00 per 100
Lindenii ..... 2.00 per 100
Warscewiczii ..... 2.00 per 100

AGERATUMS.

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Princess Pauline, 2-in..... 2.00 per 100

ALTERNANTHERAS, ROOTED CUTTINGS.

Red and yellow.....$6.00 per 1000

ARAUCARIAS.

We have a fine large stock of Araucaria Excelsa, the popular winter plant, in the following sizes:

Pots.	Each.	Doz.
4-in., 2 to 3 tiers.....	$0.50	$ 6.00
6-in., 4 to 5 tiers.....	1.00	12.00
7-in., 4 to 5 tiers.....	1.50	18.00

ARECA LUTESCENS.

3-in., 3 in pot.....doz., $2.00; 100, $15.00
4-in., 3 in pot.....doz., 3.00; 100, 25.00
7-in., 4 to 5 in pot, 36-in. high.....each, 3.00
8-in., 5 to 6 in pot, 60 to 64-in. high..each, 5.00

ASPARAGUS BASKETS.

$1.00, $1.50 and $2.00 each.

Pots. ASPARAGUS PLUMOSUS.	Doz.	100
2-in.	$0.40	$ 3.00
3-in.	.75	6.00
4-in.	1.50	12.00
6-in.	4.00	30.00

ASPARAGUS SCANDENS DEFLEXUS.

4-in. .....doz., $1.50

ASPIDISTRAS.

Green .....per leaf $0.08
Variegated .....per leaf .15

ASSORTED FERNS FOR DISHES.

2-in., 40c per doz.; $3.00 per 100; $25.00 per 1000.

BOSTON FERNS.

Pots.	Each.	Doz.	100	1000
2-in.	....	....	$ 3.00	$25.00
3-in.	....	$ 1.00	8.00	.....
4-in.	....	1.50	12.00	.....
5-in.	....	3.00	20.00	.....
6-in.	....	6.00	45.00	.....
7-in.	$0.75	9.00	.....	.....
8-in.	1.00	12.00	.....	.....
9-in.	1.50	18.00	.....	.....
	Each.			Each
10-in.	$2.50	12-in.	$3.50 to	$5.00

BOSTON FERN BASKETS.

$1.00, $1.50 and $2.00 each.

BOXWOODS.

For filling window boxes and flower beds.

Boxwood bushes, 8 in. high, each.....$ 0.25
Boxwood bushes, 12 in. high, each..... .35
Boxwood bushes, 18 in. high, each..... .50
Boxwood bushes, 24 in. high, each..... 1.00
Globe Boxwoods, 18 in. diameter, each.. 2.50
Obelisk Boxwoods, 5 ft. high, in beautiful Mission boxes, each..... 10.00

CHRYSANTHEMUM MAXIMUM PERFECTUM.

(Improved Shasta Daisy)

Strong seedlings.....$5.00 per 1000

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7-in. .....each, $2.50; doz., $30.00
8-in. .....each, 3.00; doz., 36.00

COCOS WEDDELLIANA.

2-in. .....doz., $1.75; 100, $14.00
3-in. .....doz., 2.50; 100, 20.00

COLEUS, 2-IN. POTS.

Pfister, red and yellow; Beckwith's Gem, Golden Bedder, Verschaffeltii....$2.00 per 100

CYPERUS ALTERNIFOLIUS.

3-in. .....$0.75 doz.; $ 5.00 100
4-in. ..... 1.50 doz.; 10.00 100

DAISIES.

Marguerites, Yellow.

Rooted cuttings.....$6.00 per 1000
2-in. .....$2.00 per 100

Mrs. F. Sander (new double white).

2-in. .....$3.00 per 100
3-in. ..... 6.00 per 100

DRACAENA INDIVISA.

2-in. .....per 100, $3.00; per 1000, $25.00
7-in. .....each, $1.25; doz., 15.00

DRACAENA MASSANGEANA.

6-in. .....each, $1.25
7-in. .....each, 1.50

DRACAENA TERMINALIS.

4-in., strong.....each, 35c; doz., $4.00

ENGLISH IVY.

3-in. .....doz., $0.75
4-in. .....doz., 1.50

FICUS ELASTICA.

6-in. .....each, 50c; doz., $6.00

GERMAN IVY.

2-in. .....$2.00 per 100

GNAPHALIUM LANATUM.

3-in. .....$5.00 per 100

HELIOTROPES.

2-in. .....$2.00 per 100
3-in. ..... 4.00 per 100

KENTIA BELMOREANA.

Pots.	Height.	Leaves.	Each.	Doz.	100
2½-in.	8-in.	4	.....	$ 1.50	$12.00
3-in.	8 to 10-in.	4 to 5	.....	2.00	15.00
4-in.	12-in.	4	.....	3.60	30.00
4-in.	12 to 15-in.	4 to 5	.....	4.50	35.00
5-in.	15 to 18-in.	5 to 6	.....	6.00	50.00
5-in.	18 to 20-in.	5 to 6	$ 0.75	9.00	.....
6-in.	20 to 22-in.	6 to 7	1.00	12.00	.....
6-in.	22 to 24-in.	6 to 7	1.50	18.00	.....
7-in.	36 to 40-in.	6 to 7	4.50	.....	.....
8-in.	40 to 45-in.	7 to 8	5.50	.....	.....
9-in.	48 to 50-in.	7 to 8	8.00	.....	.....
9-in.	50 to 54-in.	7 to 8	10.00	.....	.....

KENTIA FORSTERIANA.

Pots.	Height.	Leaves.	Each.	Doz.	100
2-in.	8 to 10-in.	4	.....	$ 1.50	$12.00
3-in.	12 to 14-in.	4 to 5	.....	2.00	15.00
4-in.	14 to 16-in.	4 to 5	.....	4.50	35.00
5-in.	20 to 24-in.	4 to 6	$0.75	9.00	.....
6-in.	24 to 30-in.	5 to 6	1.00	12.00	.....
6-in.	30 to 36-in.	5 to 6	1.50	.....	.....
7-in.	36 to 38-in.	5 to 6	2.50	.....	.....
7-in.	38 to 40-in.	5 to 6	3.50	.....	.....
8-in.	40 to 42-in.	5 to 6	4.50	.....	.....
9-in.	46 to 50-in.	6 to 7	7.00	.....	.....

Made-up Plants.

Pots.	Height.	Plants in pot.	Each.
7-in.	24 to 30-in.	3 to 4	$ 2.50
9-in.	50 to 54-in.	3 to 5	8.00
10-in.	58 to 60-in.	4 to 5	10.00
12-in.	62 to 70-in.	4 to 5	15.00

LANTANA DELICATISSIMA.

2-in. .....$2.00 per 100

LATANIA BORBONICA.

2-in., 1 to 2 leaves.....100, $3.00; 1000, $25.00
4-in. .....doz., 3.00; 100, 20.00
5-in. .....doz., 5.00; 100, 40.00
6-in. .....doz., 6.00

LOBELIA KATHLEEN MALLARD.

Rooted cuttings.....$6.00 per 1000
2-in. .....$3.00 per 100; $25.00 per 1000

PANDANUS UTILIS.

3-in. .....per doz., $1.50

PANDANUS VEITCHII.

4-in. .....each, $0.50; per doz., $ 5.50
5-in. .....each, .75; per doz., 9.00
6-in. .....each, 1.00; per doz., 12.00

PANSIES.

Transplanted seedlings.....$5.00 per 1000

PHOENIX CANARIENSIS.

7-in. 36 to 40-in. high.....each, $ 2.50
8-in. 46 to 50-in. high.....each, 4.00
10-in. 50 to 54-in. high.....each, 8.00
10-in. 60 to 64-in. high.....each, 10.00

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4-in. .....each, $0.25; doz., $3.00; 100, $20.00
5-in. .....each, .50; doz., 5.00
6-in. .....each, .75; doz., 9.00

PHOENIX ROEBELENII.

Pots.	Each.	Doz.	100
2½ in.	....	$ 2.00	$15.00
3-in.	....	3.00	22.50
5-in.	....	9.00	70.00
6-in.	....	12.00	.....
6-in., strong	$2.00	.....	.....
7-in.	2.50	.....	.....

SALVIAS.

Rooted Cuttings.

Bonfire, Zurich.....$6.00 per 1000

2-In. Pots.

Bonfire, Zurich.....$2.00 per 100

TRADESCANTIA VARIEGATA.

(Wandering Jew.)

2-in. .....doz., 40c; per 100, $3.00

VINCAS.

2-in. .....per 100, $ 2.50
3-in. .....per 100, 5.00
4-in. .....per doz., $2.00; per 100, 15.00

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Rate for advertising in this department 10 cents a line net, per insertion.

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Achyranthes Lindenii and Emersonii. Rooted cuttings, $1.00 per 100; 2½-in., 2½c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Achyranthes, assorted, 2½-in., strong stock.
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Ageratum Little Blue Star, rooted cuttings, 50c 100, $4.00 1000; 2-in., in bloom, 2c. Cash. Mail, 10c per 100.
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U. G. Harglerode, Shippensburg, Pa.

Ageratum Stella Gurney rooted cuttings, 50c 100; $4.00 1000. C. H. Jacobs, Westfield, Mass.

Ageratum Stella Gurney R. C., 50c 100; $4.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

ALTERNANTHERAS.

ALTERNANTHERAS.
Good, strong, well rooted cuttings.

	100	1000
P. major (red)	$0.50	$4.00
A. nana (yellow)	.50	4.00
Brilliantissima (best red)	.60	5.00

Place your orders early.
R. R. DAVIS CO., MORRISON, ILL.

ALTERNANTHERA JEWEL.
Stock plants, 2½-in., $20.00 per 1000; rooted cuttings, $10.00 per 1000. This is by far the finest alternanthera in sight, and you should stock up now for spring sales.
Chas. H. Totty, Madison, N. J.

Alternantheras in all colors, 2½-in., extra large, 2½c.
Meredith Flower & Vegetable Co.,
Libertyville, Ill.

Alternantheras. P. major, rosea, aurea nana, 50c; $4.50 1000. Brilliantissima, 60c; $5.00 1000. Cash. Byer Bros., Chambersburg, Pa.

Alternantheras, red, green and yellow, 2¼-in., 2c. Ready now.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Alternantheras, yellow only. Strong August cuttings to close out, $3.50 per 1000 prepaid.
P. Pearson, 5734 Gunnison St., Chicago.

Alternantheras, red and yellow; R. C., 70c per 100. John Irvine & Sons, Bay City, Mich.

Alternantheras, assorted, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Red and yellow alternantheras, $4.00 per 1000.
U. G. Harglerode, Shippensburg, Pa.

ALYSSUM.

Alyssum, double giant, 2¼-in., 2c. Rooted cuttings, 50c per 100, $4.00 per 1000; if by mail 10c per 100 extra. Cash.
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Alyssum, double giant, in bloom, fine 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Alyssum, double giant; R. C., 75c per 100.
John Irvine & Sons, Bay City, Mich.

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AMPELOPSIS VEITCHII.
Boston Ivy.
Extra strong 3-yr. transplanted, heavy 3 to 5 ft. tops and roots, $2.00 per doz., $10.00 per 100. Strong 1-yr., 18 to 24-in. tops, $1.50 per 25; $2.00 per 50, by mail; $3.00 per 100, $25.00 per 1000 by express.
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Ampelopsis Veitchii, strong, 1-yr., $2.00 per 100; $13.00 per 1000 by express. L. J. Stengel, 21591 N. Johnston, Los Angeles, Calif.

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Anthericum variegatum, 4-in., strong, $8.00 per 100. Storrs & Harrison Co., Painesville, O.

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Water plants of all descriptions. Cabomba (fish grass), $15.00 per 100 lbs.; less than 10 lbs., 25c per lb.
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Araucarias, 5-in., $6.00 per doz.; $45.00 per 100. Holton & Hunkel Co., Milwaukee, Wis.

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Artillery plants, $5.00 per 1000.
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Asparagus Sprengeri, good, bushy, young plants, grown in bench; ready for 2½, 3 and 4-in. pots or benching, $2.50 per 100; $20.00 per 1000. Must have the room. Cash with order.
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Asparagus plumosus from 3-inch pots, express prepaid, $4.50 per 100; extra large plants from the field, good for 8 to 10-inch pots, $22.50 per 100. Cash with order.
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Asparagus plumosus, big, strong plants, 2½-in., $4.00 per 100, $35.00 per 1000; 3-in., $6.00 per 100, $50.00 per 1000. A. Sprengeri, 2½-in., $4.00 per 100; $35.00 per 1000.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Asparagus plumosus nanus, from 2¼-in. pots, $2.50 per 100, $22.50 per 1000; 3-in. pots, $5.00 per 100, $45.00 per 1000. Cash with order, please.
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G. F. Neipp, Prop. Chatham, N. Y.

10,000 Asparagus plumosus, extra strong 2½-in., $2.50 per 100; $22.00 per 1000. 6000 A. Sprengeri, strong, bushy, $2.00 per 100; $18.00 per 1000. Cash.
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2-in., $2.50; 3-in., $5.00; 4-in., $12.00.
SPRENGERI.
2½-in., $2.50; 3-in., $5.00.
Gullett & Sons, Lincoln, Ill.

Asparagus plumosus, strong and healthy, 3½-in., ready for 4-in., 5c. Asparagus Sprengeri, 3-in., fine, 3c; 4-in., extra strong, 8c.
Meredith Flower & Vegetable Co.,
Libertyville, Ill.

Asparagus Sprengeri, strong plants ready for shift at once, 2¼-in., $2.00 per 100, $17.00 per 1000; 3-in., $3.00 per 100. Cash, please.
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Asparagus Sprengeri, 3-in., 5c. A. Sprengeri seed, greenhouse grown, strictly new seed, $1.00 per 1000; $4.50 per 5000. Cash with order.
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Asparagus plumosus seedlings from greenhouse grown seed, $10.00 per 1000; 2¼-in., $3.00 per 100, $25.00 per 1000.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Asparagus plumosus, extra strong, from 2-in. pots, $2.50 per 100, $22.00 per 1000; 2½-in., $3.00 per 100, $26.00 per 1000. A. Sprengeri, 2½-in., $3.00 per 100. Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, 2¼-in. pots, $3.50 per 100, $30.00 per 1000; 3-in. pots, $6.00 per 100. Cash with order. 500 at 1000 rate.
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Asparagus plumosus, 2½-in., $3.00 per 100; $25.00 per 1000. Asparagus Sprengeri, 2½-in., $2.50 per 100; $22.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Asparagus plumosus, 2½-in., strong, 3c; seedlings, fine, $1.00 100.
A. J. Baldwin, Newark, O.

Asparagus Sprengeri, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
CHICAGO FLOWER GROWERS' ASSOCIATION,
176 N. Michigan Ave., Chicago.

Asparagus plumosus, large, strong, shapely plants, ready for 5-in. or for counter trade, they're extra good, 10c ea. Cash.
The Newburys, Mitchell, S. D.

Asparagus Sprengeri, fine 2½-in., $1.50 per 100; $12.50 per 1000.
J. C. SCHMIDT, Bristol, Pa.

Asparagus Sprengeri, 3-in., bushy plants, $4.00 per 100. Cash with order.
Henry Dornbusch, R. R. 2, Dayton, O.

Asparagus Sprengeri, extra strong seedlings, $1.25 100; $12.00 1000.
Rober & Radke, Maywood, Ill.

Asparagus Sprengeri, 2¼-in., extra strong, $2.00 per 100; 3-in., $5.00 per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Asparagus plumosus, 3-in., 6c. A. Sprengeri, 3-in., 4c; 4-in., 6c; 5-in., 12c.
Schneider, Florist, Springfield, Ohio.

Asparagus plumosus, strong plants, 2½-in., $3.00 per 100; $25.00 per 1000. Cash.
W. B. Girvin, Leola, Pa.

Asparagus Sprengeri, 3-in., $3.00 per 100; 200 for $5.00.
Whitton & Sons, City & Green, Utica, N. Y.

Asparagus Sprengeri, 2¼-in. pots, $2.00 100; 4-in., $8.00 100; 5-in., $15.00 100.
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Asparagus. Extra value in plumosus at $2.50 per 100. Sample 10c.
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Asparagus Sprengeri, 2-in., strong, $2.00 100. A. plumosus, 3-in., $4.00 100.
J. W. Ross Co., Centralia, Ill.

Asparagus plumosus out of 4-in. pots, $8.00 per 100. Asparagus Sprengeri out of 3-in., $4.00 per 100. Wm. Schwan & Son, Fredonia, N. Y.

Asparagus plumosus nanus, fine, bushy plants with many shoots coming, 4-in., 7c.
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Alyssum, single and double, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Asparagus plumosus nanus, 2-in., 2c. Asparagus Sprengeri, 2-in., 2c.
U. G. Harglerode, Shippensburg, Pa.

2000 3-in. Asparagus plumosus, nice bushy plants, ready for a shift. Send for sample. Cash with order. Chas. L. Smith, Penn Grove, N. J.

Alyssum, giant dble. R. C., 70c; 2-in., $1.60 100. Cash. E. W. Byer, Shippensburg, Pa.

Asparagus Sprengeri, 4-in., 6c; 3-in., 3c.
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Asparagus plumosus, 4-in., 5c.
Truitt's Greenhouses, Chanute, Kan.

Asparagus Sprengeri, good plants in 4-in., 6c.
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Asparagus, fine. See display adv.
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ASTER SEED, the finest florists' varieties, all types and colors.
ASTER PLANTS in more than 100 varieties—all of Vick's and all the novelties of other growers worth growing. Get our list and prices on large quantities.
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Best quality seed. See display adv. for prices.
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AZALEAS FOR EASTER. We have them in fine shape for Easter blooming, all colors and full of buds, 50c, 75c and $1.00 each.
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Azalea mollis, easily forced, 12 to 15 in. high, full buds, 35c each; 15 to 18 in. high, full of buds, 35c each.
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Bay trees and box trees, all sizes.
Write for special list.
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Bay trees. Fine selection. Write for prices.
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BEGONIAS, READY MARCH 1.
Fine transplanted stock of
VERNON, SCARLET,
LUMINOSA, CRIMSON,
GRACILIS ROSEA, LIGHT PINK,
$1.25 per 100 by mail;
$8.00 per 1000 by express.
Cash with order.
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Blooming begonias, mixed varieties, $2.50 per 100. Otto Hacker, rubra, Thurstoni and Erfordii, R. C., $2.00 per 100; 2-in., $3.00; 2½-in., $3.50 per 100. Rex begonias, mixed, $4.00 per 100.
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Begonia Lorraine, exceptionally well developed plants, ready for immediate retail sales, 6-in., 60c each; 7-in., 75c each.
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Begonias, luminosa, Erfordii, Vernon, transplanted seedlings, $1.25 100. Erfordii, 2½-in., $2.50 100. Cash, please.
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Begonias, tuberous, rooted, and flowering, 5-in., strong stock.
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Rex begonias, in variety, 2¼-in., 75c per doz., $5.00 per 100; strong rooted cuttings, $1.50 per 100. G. E. Fink, Kenilworth, N. J.

Begonias, assorted 3-in., $4.00 100. Fern leaf or Washingtoniensis, R. C., $1.00 100; $8.00 1000. J. W. Ross Co., Centralia, Ill.

Rex begonias, strong 2-in., fine varieties, 4c; $35.00 per 1000.
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REX BEGONIAS my specialty. Largest collection, $5.00 per 100.
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Begonia Feastii Bunchii, 3-in., $5.00 per 100.
Loyd C. Bunch, Fredonia, Kan.

Flowering begonias, good assortment, $3.00 per 100. Storrs & Harrison Co., Painesville, O.

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Barberry Thunbergii, fine, extra heavy, 3-yr., transplanted, 18 to 30 in., excellent roots, dug as ordered, $4.00 per 100; $30.00 per 1000.
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Christmas peppers, 4-in., $1.00 per 100. Cash.
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Fine bouvardia stock plants from bench for immediate shipment; colors, pink, white and red, $7.00 per 100; $60.00 per 1000. Cash with order or satisfactory reference.
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Browallias, 2½-in., strong stock.
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Bulbs of all descriptions. Write for catalogue and prices.
C. Keur & Sons, Hillegom, Holland,
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Caladiums, fancy leaved, 2½-in., strong stock.
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Godfrey callas bring 3 flowers to 1 of the common, and bloom from 3-in. pots; 3-in., $6.00 100. Cash with order. See my cyclamen adv.
C. Winterich, Cyclamen Specialist, Defiance, O.

Godfrey callas, 2-in., $2.50 per 100.
H. Hills, Elkhart, Ind.

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Cannas. Richard Wallace, $2.50 per 100; $20.00 per 1000. King Humbert, $3.00 per 100. Pres. Meyer, $2.50 per 100. Florence Vaughan, Pennsylvania, Louisiana and J. D. Eisele, $1.50 per 100; $12.50 per 1000. One lot of 10,000 mixed, red flowered, green leaved, dwarf varieties, $10.00 per 1000.
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CANNA ROOTS, strong divisions, two or more eyes. Allemania, America, Austria, Coronet, Chas. Henderson, Indiana, Parthenope, Wyoming, King of Bronzes, Musaefolia and Black Beauty. Write for special prices. We are now contracting for the growing of cannas for 1913 delivery. Alpha Orchards & Nursery Co., Box 5, Fruitdale, Ala.

1,000,000—CANNAS—1,000,000
True to name, quality unsurpassed, our own grown stock, not to be compared with common southern grown stock, the so-called contract-grown roots. See our full page advertisement in January 25th issue, page 3. Catalogue free.
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Cannas, select 2 to 4 eye tubers. Beaute Poitevine, David Harum, Pres. Cleveland, Fleming, $2.00 per 100. Paul Marquant, Cinnabar, Mrs. G. A. Strohlein, $1.50 per 100. Robusta, Sec. Chabanne, $1.00 per 100. Mixed, fine assortment, 75c per 100.
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Canna C. Henderson. Dry bulbs, 1 to 3 eyes, $2.00 per 100. Cash.
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Cannas. Florence Vaughan, Chas. Henderson and Austria, $1.50 per 100. Robusta, $3.00 per 100. America, $2.00 per 100.
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Cannas. Bouvier, Henderson, F. Vaughan, J. C. Vaughan, Burbank, S. D. A. Crozy, 2c; Egandale, 2½c; King Humbert, 3c. All true stock.
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THE IMPROVED CANNA.
64 varieties, including Mrs. A. F. Conard and the finest new ones. Send for price list.
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Canna bulbs. King Humbert, Louisiana and Express, $4.00 per 1000.
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Cannas, 25 of the leading varieties. Send for price list. Louis B Eastburn, Kennett Square, Pa.

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All cuttings have our guarantee back of them.

	Per 100	Per 1000
Wodenethe	$12.00	$100.00
Afterglow	3.00	25.00
Beacon	3.00	25.00
Bonfire	6.00	50.00
Enchantress	3.00	25.00
Gloriosa	6.00	50.00
Princess Charming	6.00	50.00
Rosette	12.00	100.00
Rose-pink Enchantress	3.00	25.00
Mrs. Ward	4.00	30.00
Washington	6.00	50.00
White Enchantress	4.00	30.00
White Perfection	3.00	25.00
White Wonder	6.00	50.00
Winsor	3.00	25.00
St. Nicholas	12.00	100.00
Comfort	6.00	50.00
Brooklyn	12.00	100.00
Dorothy Gordon	4.00	35.00
Pennsylvania	3.50	30.00
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S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

ROOTED CARNATION CUTTINGS.
Strong and healthy stock.

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Delhi	$10.00	$ 75.00
Benora	12.00	100.00
Rosette	12.00	100.00
Rainbow	12.00	100.00
White Wonder	6.00	50.00
Gloriosa	6.00	50.00
Pink Delight	4.00	35.00
Scarlet Glow	3.00	25.00
Mrs. C. W. Ward	3.50	30.00
White Perfection	3.00	25.00
Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Winona	3.00	25.00
May Day	3.00	25.00
Victory	3.00	25.00
Winsor	3.00	25.00
Beacon	3.00	25.00

Write for our 1912 catalogue.
S. S. SKIDELSKY & CO.,
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STRONG, WELL ROOTED CARNATION CUTTINGS.
NONE BETTER.

	100	1000
Enchantress	$2.50	$20.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Mrs. C. W. Ward	3.00	25.00
Alma Ward	3.00	25.00
Beacon	3.00	25.00
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Sangamo	2.00	15.00
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Cash or C. O. D.
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ROOTED CARNATION CUTTINGS.

	100	1000
Winona	$3.00	$25.00
Alma Ward	3.50	30.00
White Wonder	6.00	50.00
White Perfection	3.00	25.00
White Enchantress	3.00	25.00
Mrs. C. W. Ward	3.50	30.00
Dorothy Gordon	3.00	25.00
Gloriosa	6.00	50.00
R. P. Enchantress	3.00	25.00
Enchantress	3.00	25.00
May Day	3.00	25.00
Beacon	3.00	25.00
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Satisfaction guaranteed.
THE LEO NIESSEN CO.,
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Winsor	$1.50 100;	$12.50 1000
May Day	2.00 100;	17.50 1000
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Also other standard varieties.
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We are rooting over 200,000 this season of the leading commercial varieties. Our stock of Enchantress and Pure White Enchantress is hard to beat and you can depend upon the stock being right when you house your plants in the fall. Be sure you get reliable stock. If our cuttings are not satisfactory they may be returned immediately and money will be refunded.

	100	1000
Enchantress	$3.00	$25.00
Pure White Enchantress	3.00	25.00
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Mrs. C. W. Ward	3.50	30.00
Dorothy Gordon	3.50	30.00
White Wonder	6.00	50.00

250 at 1000 rate. Cash or reference.
Smith & Gannett, Geneva, N. Y.

CARNATION CUTTINGS FROM SAND.
Carefully selected, healthy stock.

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Mrs. C. W. Ward	4.00	35.00
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Dorothy Gordon	3.00	25.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
White Perfection	3.00	25.00
May Day	3.00	25.00
Beacon	3.00	25.00
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SPRINGFIELD, ILLINOIS.

CARNATION ROOTED CUTTINGS.
Strong, clean, healthy stock.

Enchantress	$3.00 100;	$25.00 1000
Rose-pink Enchantress	3.00 100;	25.00 1000
White Enchantress	3.00 100;	25.00 1000
Dorothy Gordon	3.00 100;	25.00 1000
Scarlet Glow	3.00 100;	25.00 1000
O. P. Bassett	3.00 100;	25.00 1000
Beacon	3.00 100;	25.00 1000
White Wonder	6.00 100;	50.00 1000
Washington	6.00 100;	50.00 1000
Bright Spot	6.00 100;	50.00 1000

A. JABLONSKY,
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CARNATION ROOTED CUTTINGS.
Immediate Delivery.

	100	1000
Gloriosa	$6.00	$50.00
Norwood	6.00	50.00
Dorothy Gordon	4.00	35.00
White Perfection	3.50	30.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
Beacon	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Winsor	2.50	20.00

Thompson Carnation Co., Joliet, Ill.

CARNATION ROOTED CUTTINGS.
Best cuttings obtainable from strong vigorous plants.

	100	1000
Rose-pink Enchantress	$3.00	$25.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
White Perfection	3.00	25.00
Victory	3.00	25.00
Sangamo	3.00	22.00
Lawson-Enchantress	2.50	18.00

2 and 2¼-in. pot plants on application.
ROLF ZETLITZ. LIMA, OHIO.

CARNATION ROOTED CUTTINGS.
Strong, clean stock, ready now.

	100	1000
O. P. Bassett (largest red)	$3.00	$25.00
Victory (reliable red)	3.00	25.00
Sangamo	2.50	20.00
Winsor	2.50	20.00
Mrs. Patten (best variegated, R. & W.)	2.50	20.00
Pink Lawson	2.00	18.00
Enchantress	3.00	25.00

Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

ROOTED CARNATION CUTTINGS.

	100	1000
White Enchantress	$3.50	$30.00
Mrs. Ward	3.50	30.00
Alma Ward	3.50	30.00
Beacon	3.50	30.00
Enchantress	3.00	25.00
White Perfection	3.00	25.00
Winona	3.00	25.00

Absolutely no disease, rooted cool.
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ROOTED CARNATION CUTTINGS.

Enchantress	$2.00 100;	$18.00 1000
Pure White Enchantress	2.00 100;	18.00 1000
Rose-pink Enchantress	2.00 100;	18.00 1000
Sangamo	1.75 100;	15.00 1000
May Day	1.75 100;	15.00 1000
Winsor	1.50 100;	12.50 1000
M. A. Patten	1.50 100;	12.50 1000

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Winsor	2.50	20.00
May Day	3.00	25.00
Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00

Strong, cool grown, well rooted cuttings.
WARRICK BROS.,
2498 Locust Ave., Washington, Pa.

CARNATIONS—Continued.

FINE CARNATION ROOTED CUTTINGS.

	100	1000
White Perfection	$3.00	$25.00
Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Beacon	3.00	25.00
Winsor	2.00	18.00
Pink Lawson	2.00	18.00
C. W. Ward	3.50	30.00

UNITED STATES CUT FLOWER CO.,
ELMIRA, NEW YORK.

Carnation cuttings from most reliable growers. Satisfaction assured.

	100	1000
White Wonder and Gloriosa	$6.00	$50.00
Pink Delight (March delivery)	5.00	40.00
White Enchantress, White Perfection	3.00	25.00
Enchantress, R. P. Enchantress	3.00	25.00
Mrs. C. W. Ward (pink)	3.50	30.00
Beacon (selected stock)	3.50	30.00

R. J. Irwin, 3097 Broadway, New York, N. Y.

FINE CARNATION CUTTINGS
WELL ROOTED

	100	1,000
Victory	$2.00	$15.00
Winsor	2.00	15.00
White Lawson	2.00	15.00
Pink Lawson	2.00	15.00
Washington	6.00	50.00
Enchantress	3.00	25.00

WIETOR BROS.,
162 North Wabash Ave. Chicago

Rooted cuttings or carnations for immediate and future delivery, guaranteed to give satisfaction.

White Enchantress	$3.00 100;	$25.00 1000
Enchantress	3.00 100;	25.00 1000
Beacon	3.00 100;	25.00 1000
Victory	3.00 100;	25.00 1000
Mrs. C. W. Ward	3.00 100;	25.00 1000
Dorothy Gordon	3.00 100;	25.00 1000
Rose-pink Enchantress	3.00 100;	25.00 1000

Chas. Knopf Floral Co., Richmond, Ind.

CARNATIONS.
ROOTED CUTTINGS.
IMMEDIATE DELIVERIES.

Wodenethe, the greatest white, and Brooklyn, an absolutely reliable cerise pink, $12.00 per 100; $100.00 per 1000.

Princess Charming, White House, White Wonder and Gloriosa, $6.00 per 100; $50.00 per 1000.

Winsor, Harlowarden, Sangamo, Mrs. Patten and White Perfection, $3.00 per 100; $25.00 per 1000.

Chas. H. Totty, Madison, N. J.

Fine, strong cuttings from vigorous stock plants. My stock always pleases. Try it.

	100	1000		100	1000
Enchantress	$3	$25	Beacon	$3.50	$30
W. Enchantress	3	25	Gordon	3.50	30
R. P. Ench'ess	3	25	C. W. Ward	3.50	30
W. Perfection	3	25	W. Wonder	6.00	50

Gloriosa, $6.00 100; $50.00 1000.
250 at 1000 rate. Cash or reference.
A. A. GANNETT, Geneva, N. Y.

Carnations, strong rooted stem cuttings. Washington, $5.00 per 100. Winsor, $15.00 per 1000.

Having no room we are offering about 40,000 Victory and White Perfection, first-class cuttings, at the price of $13.00 per 1000. 100 at 1000 rate. Cash or reference.
Northwestern Floral Co., Gross Point, Ill.

CARNATION ROOTED CUTTINGS.

Enchantress	$3.00 100;	$25.00 1000
Victory	3.00 100;	25.00 1000
Winsor	3.00 100;	20.00 1000
May Day	3.00 100;	25.00 1000
White Enchantress	3.00 100;	25.00 1000

MICHIGAN CUT FLOWER EXCHANGE,
38-40 Broadway, Detroit, Mich.

CARNATION PLANTS, surplus stock, healthy and in fine condition. From flats and 2½-in. pots, Winona, Winsor, May Day, $2.50 per 100; $20.00 per 1000.

ROOTED CUTTINGS. Mrs. C. W. Ward, $2.50 per 100; $20.00 per 1000. Winsor and Winona, $2.00 per 100; $18.00 per 1000.
F. P. Putnam, P. O. Box 12, Lowell, Mass.

Rose-pink Enchantress	$25.00 per 1000
Winsor	20.00 per 1000
Melody	20.00 per 1000
White Lawson	20.00 per 1000
Harlowarden	20.00 per 1000
Carnegie	18.00 per 1000

Cash please. Satisfaction guaranteed.
EHMANN'S. CORFU, N. Y.

	100	1000
White Wonder	$6.00	$50.00
Mrs. C. W. Ward	3.00	27.50
Enchantress, May Day	3.00	25.00
W. Perfection, W. Enchantress	3.00	25.00

10% discount for cash.
W. Frank & Sons, Portland, Ind.

Carnation rooted cuttings, now ready. Winsor, $15.00 per 1000. Victory, $15.00 per 1000. Enchantress, $20.00 per 1000. R. P. Enchantress, $20.00 per 1000. White Enchantress, $25.00 per 1000. Cash, please.
Geo. A. Relyea, Orchard Pl., Poughkeepsie, N. Y.

Carnation rooted cuttings. Christmas Cheer, the great scarlet pot carnation, sells quickly at Christmas at $1.00 to $1.50 per pot. Try a few at $5.00 per 100, also Beacon and Victory at $3.00 per 100.
S. N. Peck, 424 Superior St., Toledo, O.

Carnation rooted cuttings. Enchantress, White Enchantress, Winsor, Beacon, $3.00 per 100.
Marine City Floral House, Marine City, Mich.

Carnations, strong rooted cuttings, ready:

Enchantress	$25.00 per 1000
White Enchantress	25.00 per 1000

CHICAGO FLOWER GROWER'S ASSOCIATION,
176 N. Michigan Ave., Chicago.

Carnations. Enchantress, May Day, Winsor, $2.00 per 100; $18.00 per 1000. White Enchantress, White Perfection, $2.50 per 100; $20.00 per 1000. Princess Charming, $5.00 per 100.
Jas. Wheeler, Natick, Mass.

Carnation rooted cuttings, strong, healthy stock, immediate delivery. Enchantress, R. P. Enchantress, Pure White Enchantress, $3.00 per 100; $25.00 per 1000.
Smith & Van Aart, Newtown, Pa.

Strong, healthy, well rooted carnation cuttings. Enchantress, $2.00 per 100; $18.00 per 1000. White Enchantress, $2.00 per 100; $20.00 per 1000. Cash with order.
C. C. Walker, 1227 Logan Ave., Danville, Ill.

Carnations, 2-in., from healthy stock, grown cool: Enchantress, Pure White Enchantress, Rose-pink Enchantress, Beacon, $3.00 per 100. Cash with order.
R. S. McMurray, Bellefontaine, O.

Carnations, pot plants. Alma Ward, White Perfection, Beacon, Victory and Winona, $2.50 per 100. Mrs. C. W. Ward, $3.50 per 100. White Wonder and Washington, $5.00 per 100.
Albert M. Herr, Lancaster, Pa.

CARNATION CRIMSONIA.
The new hardy, everblooming carnation.
2½-in. pots, $5.00 per 100.
Fort Mitchell Floral Co.,
Lexington Pike, Covington, Ky.

Carnation White Wonder, fine, strong rooted cuttings, $6.00 per 100; $50.00 per 1000. Enchantress, $2.50 per 100; $20.00 per 1000. Victory, $3.00 per 100; $25.00 per 1000. Cash with order.
Hillsborough Nurseries, Burlingame, Calif.

Enchantress, Rose-pink Enchantress, and Pure White Enchantress, well rooted, $2.50 per 100, $20.00 per 1,000; unrooted, $10.00 per 1,000; from 2-in. pots, $30.00 per 1,000. Ready now. Cash. Daut Bros., Decatur, Ill.

Carnation rooted cuttings. Beacon, $3.00 per 100, $25.00 per 1000; Enchantress, Rose-pink, White Enchantress and White Perfection, $2.50 per 100; $20.00 per 1000.
Scharff Bros., Van Wert, O.

Carnation cuttings of Pink and White Enchantress, Beacon and Harlowarden, unrooted, 1c; rooted, 2c. Fine, healthy stock. Cash.
W. A. Finger, Hicksville, N. Y.

Fine lot of strong, well rooted Enchantress cuttings, $2.50 per 100; $20.00 per 1000. Special price on large lots.
Paul E. Weiss, Maywood, Ill.

Carnation rooted cuttings, Winsor, Enchantress, Rose-pink, Perfection, $2.50 per 100, or will exchange for anything we can use.
Wm. Eschrich Co., North Milwaukee, Wis.

White Enchantress	$2.50 100;	$20.00 1000
Lawson	1.50 100;	12.50 1000

Wm. Murphy, 309 Main St., Cincinnati, O.

The CHEAPEST, the EASIEST, and the BEST WAY to get rid of your surplus stock is to use the REVIEW'S classified advs.

50,000 well rooted Enchantress cuttings for immediate and future use, $2.00 per 100; $18.00 per 1000. W. H. Amling, Maywood, Ill.

Carnation rooted cuttings. White Perfection and Light Pink Enchantress, $2.00 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

Carnation rooted cuttings, Princess Charming, $5.00 per 100.
J. R. Falkenstein, Naperville, Ill.

Carnations. Write for list and price.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Carnation Dorothy Gordon, strong 2¼-in., $4.00 per 100. Honaker Bros., Lexington, Ky.

CENTAUREAS.

Centaureas, two varieties, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

CHRYSANTHEMUMS.

Rooted chrysanthemum cuttings in exchange for anything that we can use and for cash from $15.00 to $25.00 per 1000.

Silver Wedding	Golden Chadwick
Adelia	Glitter
White Bonnaffon	Col. Appleton
Mrs. Weeks	Madagascar
Mlle. M. Desjouis	Com. Matthieu
Jerome Jones	Yellow Miller
White Chadwick	Polypheme
C. Touset	Buff Globe
J. Nonin	A. J. Balfour
Lynnwood Hall	Pres. Loubet
Diana	Duckham
Beatrice May	Enguehard
Leon Truelle	Perrin
Merza	Jeanne Rosette
Virginia Poehlmann	M. Loiseau Rousseau
Pres. Taft	Lady Hopetown
Major Bonnaffon	Hamilton
Golden Wedding	Helen Frick
Modesto	Black Hawk
Nesota	Shrimpton

Also the following varieties in 2 and 2½-in. pots at $7.00 per 100:

Smith's Advance	Glen Cove
Thanksgiving Queen	Unaka
Chrysolora	Dick Witterstaetter
Roman Gold	

Also rooted cuttings of Smith's Advance, $4.00 per 100. Wolfe, The Florist, Waco, Texas.

CHRYSANTHEMUM CUTTINGS.
CLEAN, THRIFTY, STOCK.
SATISFACTION GUARANTEED.

Smith's Advance and Unaka, $6.00 per 100; $50.00 per 1000. Chrysolora, $15.00 per 100. W. R. Brock, incurved pink, $4.00 per 100; $30.00 per 1000. Roman Gold, $7.00 per 100; $60.00 per 1000. December Gem, late white, $8.00 per 100.

The following, $3.00 per 100; $20.00 per 1000:

WHITE VARIETIES.

Lynnwood Hall, Early Snow, V. Poehlmann, Elise Papworth, Alice Byron, White Eaton, White Chadwick, White Bonnaffon, Chadwick Improved, Jeanne Nonin,.

YELLOW VARIETIES.

Golden Chadwick, Golden King, W. E. Kelley, Golden Eagle, Yellow Ivory, Mary Jane, Yellow Eaton, Nagoya, Dolly Dimple, Donatello, Comoleta.

PINK VARIETIES.

Patty, Helen Frick, Winter Cheer, Jeanne Rosette.

RED VARIETIES.

Cullingfordii, Intensity, Mersthanis Red.

The following, $2.00 per 100; $17.50 per 1000:

WHITE VARIETIES.

Polly Rose, Geo. S. Kolb, C. Touset, Mrs. H. Robinson, White Frick, White Cloud, M. Wanamaker, Moneymaker, Jones, White Ivory.

PINK VARIETIES.

Pacific Supreme, Glory Pacific, Gloria, Pink Ivory, W. H. Duckham, Major Weaver, Dr. Enguehard, Maud Dean.

YELLOW VARIETIES.

Golden Glow, Monrovia, Robt. Halliday, Grace Pitcher, Col. Appleton, Major Bonnaffon, Golden Wedding, Yellow Jones.

POMPON CHRYSANTHEMUMS.

2-in., $3.00 per 100; $25.00 per 1000.

All the best commercial varieties. Write for list.

250 of a variety at 1000 rate on all above.
Cash or satisfactory reference.
R. J. IRWIN,
3097 Broadway, New York, N. Y.

CHRYSANTHEMUMS. If you want good, healthy, strong plants from 2¼-in. pots, or rooted cuttings, send us your order for immediate or later delivery of the following: Golden Glow, Bonnaffon, Col. Appleton, Eaton, Jones, Maud Dean, Dr. Enguehard, Jeanne Nonin, plants, $3.00 per 100, $25.00 per 1000; rooted cuttings, $1.00 per 100, $8.00 per 1000. Donatello, W. E. Kelley, Wm. Duckham, Elise Papworth, Virginia Poehlmann, Edmond Albe, Gloria, plants, $4.00 per 100; rooted cuttings, $2.00 per 100.

POMPON AND DAISY CHRYSANTHEMUMS. Diana, Zenobia, Mary Richardson, Baby, Nellie Blythe, Kitty Bourne, Minnesota, $3.00 per 100, $25.00 per 1000; rooted cuttings, $1.00 per 100, $8.00 per 1000. Minta, the new Enchantress pompon, $4.00 per 100; $35.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

CHRYSANTHEMUM ROOTED CUTTINGS.
Ready for delivery March 1.

	100	1000
CRIMSON—		
Pockett's Crimson	$2.50	$20.00
Intensity	2.00	15.00
WHITE—		
Alice Byron	2.00	15.00
Tousett	2.00	15.00
Virginia Poehlmann	2.00	15.00
October Frost	2.00	15.00
YELLOW—		
Crocus	4.00	35.00
Golden Glow	2.00	15.00
Halliday	2.00	15.00
Major Bonnaffon	2.00	15.00
PINK—		
Pacific Supreme	2.00	15.00

J. D. Thompson Carnation Co., Joliet, Ill.

CHRYSANTHEMUMS.

Earliest and best white chrysanthemum, SMITH'S ADVANCE. Extra choice 2¼-in. plants, $8.00 100; rooted cuttings, $5.00 100.

HELEN NEWBERRY, best late white pompon on the market, $15.00 100, 50, $7.50; 25, $5.00; 12, $3.00.

Orders respectfully solicited and stock guaranteed.

MICHIGAN CUT FLOWER EXCHANGE,
38-40 Broadway, Detroit, Mich.

A NEW SINGLE CHRYSANTHEMUM.
MARY COLLADAY.

A seedling of Garza, extremely free and excellent keeping qualities. Color a rich rose lavender pink and Garza in size and form. Strong 2¼-in. stock., $4.00 per doz; $25.00 per 100.

S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Orders booked now for March, April and May delivery. Rooted chrysanthemum cuttings of the following standard varieties: Maud Dean, White Eaton, Yellow Eaton, Dr. Enguehard, Major Bonnaffon, Ivory, White Bonnaffon and several other good varieties, $1.00 per 100; $9.00 per 1000.
E. V. B. Felthausen,
184 Van Vraken, Schenectady, N. Y.

Chrysanthemums, 2½-in. pot plants in ideal condition at $3.00 per 100; $25.00 per 1000. Wm. Duckham, Beatrice May, Mrs. O. H. Kahn, Monrovia, Gloria, Hanky, Lady Hopetown. Smith's Advance, $15.00 per 100. These plants are sold with an absolute guarantee of being true to name and finest Totty quality.
Chas. H. Totty, Madison, N. J.

Patty and Dolly Dimple rooted cuttings, $3.00 per 100, $20.00 per 1000; out of 2½-in. pots, $4.00 per 100, $35.00 per 1000. Satisfaction guaranteed. Cash with order.
Conrad Schultz, Westerly, R. I.

Pompon chrysanthemum Diana, the best double white pompon, surely a moneymaker for the commercial florist. Stock plants, $4.00 per 100; rooted cuttings, $1.00 per 100, or will exchange for bedding plants.
C. P. Bethards, Florist, Springfield, O.

"CHRYSANTHEMUMS FOR THE MILLION." A record of notes on the culture of the chrysanthemum, by growers situated in every section of the United States, with an introduction by the author, C. H. Totty. Price, 25c.
Chas. H. Totty, Madison, N. J.

Smith's Advance rooted cuttings, $5.00 per 100. Unoka, the great early pink, rooted cuttings, $5.00 per 100; 2½-in. plants, $8.00 per 100. Golden Glow rooted cuttings, $2.50 per 100. Polly Rose rooted cuttings, $2.50 per 100.
Max B. Schreiber, McDonald, Pa.

50,000 CHRYSANTHEMUM CUTTINGS, $10.00 per 1000.
Yellow Bonnaffon — Diana
Garza — Richardson
Yellow Baby
J. R. Falkenstein, Naperville, Ill.

Chrysanthemum rooted cuttings. Golden Glow, Monrovia, Halliday, Bonnaffon, Pacific Supreme, Enguehard, Maud Dean, J. Rosette, Estelle, A. Byron and other leading commercial varieties, $1.25 per 100; $12.00 per 1000.
T. W. Baylis & Sons, West Grove, Pa.

Chrysanthemum Smith's Advance, the early white, without a rival, easy to grow, does not damp, petals tight. Well rooted tips, $5.00 per 100. My stock is large and cool grown. I want rooted Gloriosa carnations and will exchange.
Maurice J. Brinton, Christiana, Pa.

I am booking orders for fancy rooted cuttings of yellow Bonnaffon from plants carried on benches in a light, new house, making the finest of stock. Price, $2.00 per 100; $17.50 per 1000. Cash with order.
G. S. Ramsburg, Somersworth, N. H.

SMITH'S ADVANCE.
The earliest white mum, a good money-maker. Rooted cuttings, 75c per doz.; $5.00 per 100. From 2¼-in. pots, $1.25 per doz.; $8.00 per 100.
A. L. RANDALL CO.,
266 E. Randolph St., Chicago.

Chrysanthemum stock plants. G. Glow, Crocus, Gloria, Enguehard, Oct. Frost, Polly Rose, 50c per doz.; $3.00 per 100, or will exchange for any stock I can use.
H. S. McClenahan, Oklahoma City, Okla.

Chrysanthemum rooted cuttings, No. 1. Monrovia, Bonnaffon, October Frost, Gloria and Enguehard, $1.00 per 100; $8.00 per 1000. Stock plants of above varieties, $3.00 per 100.
J. H. Minor Sons & Co., Ada, O.

We have 5000 Smith's Advance chrysanthemum rooted cuttings ready to ship at $5.00 per 100. Cash with order. You had better hurry.
The Newburys, Mitchell, S. D.

Pompon chrysanthemum stock plants. Diana, 3c each, $3.00 per 100; rooted cuttings, $1.00 per 100.
F. W. Ude & Son, 650 N. Dickson, Kirkwood, Mo.

Fine healthy stock, Smith's Advance. Rooted cuttings, $4.00 per 100; 2½-in., $6.00 per 100. Special prices per 1000.
Will Bros. Co., Box 29, Minneapolis, Minn.

Chrysanthemums. Early Snow, Estelle, Golden Glow, Pacific Supreme rooted cuttings, $1.00 per 100. Orders booked for Nonin, Bonnaffon, Nagaya.
E. A. Wallis & Co., Berlin, N. J.

Chrysanthemums. 100,000 rooted cuttings (10 best commercial varieties), $10.00 per 1000. 250 at 1000 rate. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Chrysanthemums, standard varieties, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Smith's Advance chrysanthemums, extra 2¼-in. stock, $8.00 per 100; rooted cuttings, $5.00 per 100.. Jos. F. Klimmer Estate, Forest Park, Ill.

Chrysanthemums, 16 commercial varieties. Rooted cuttings, $10.00 per 1000. Orders booked.
McRae-Jenkinson Co., Cheswick, Pa.

Chrysanthemums. Enguehard, Bonnaffon and Nonin, $2.00 per 100; $17.50 per 1000.
Albert M. Herr, Lancaster, Pa.

Chrysanthemum, 2-in. pots. Smith's Advance, Unaka, Glen Cove, Mrs. David Syne, $7.00 per 100. Eli Cross, 25 Monroe, Grand Rapids, Mich.

Advance, strong, healthy and clean 2½-in. stock, $8.00 per 100.
Chas. Frueh & Sons, Saginaw, Mich.

Stock plants of yellow Garza, new, at 50c each, $5.00 per doz.
Jacob Russler, 114th and Avon, Morgan Park, Ill.

BUSINESS BRINGERS—
REVIEW Classified Advs.

Pompon and daisy rooted cuttings, 75c to $2.00 per 100. R. F. Gloede, Evanston, Ill.

CINERARIAS.

Cinerarias, a brilliant strain, mostly light colors and just right for Easter, 4-in., $8.00 per 100; 5-in., $1.50 per doz.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Cinerarias, Columbian mixture, splendid colors, 6-in., 35c ea., $4.00 per doz.; 5-in., $3.00 per doz. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Cinerarias, 4-in., 10c; 5-in., 15c, nicely in flower, ready to sell; 3-in., $4.00 per 100. Cash, only. J. Sylvester, Florist, Oconto, Wis.

Cineraria hybrida grandiflora. Strong 2¼-in. stock, $2.00 per 100. Cash.
Freeport Floral Co., Freeport, Ill.

Cinerarias, finest large flowering dwarf hybrids, in mixture, established in 3-in. pots, $4.00 per 100. Cash. Russell Bros., R. 4, Syracuse, N. Y.

Cinerarias, strong, well grown 3-in., 4c.
M. S. Wiecking Co., Bluffton, Ind.

Cinerarias. The largest flowers. See display adv. J. W. Miller, Shiremanstown, Pa.

BUSINESS BRINGERS—
REVIEW Classified Advs.

Cinerarias, choice mixed, in 4-in., showing buds, 7c. Mellen Greenhouse Co., Ravenna, O.

CLEMATIS.

Clematis paniculata, 3-yr., strong; Duchess, Henryi, Jackmani, Ramona, Andre, Ville de Lyon, Red Jack. Write for prices.
Parks & Schaufelberger, Penfield, N. Y.

COBAEAS.

Cobaeas, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

COLEUS.

Coleus, $4.00 per 1000; 60c per 100 by mail. 100,000 good, strong, clean, well rooted cuttings now in sand. We are the largest growers of coleus cuttings in the world. Over 1,000,000 sold in a season. Verschaffeltii, Golden Bedder, Queen Victoria, Firebrand and all other leading varieties. Come and see them. Cash with order. C. Schulze & Son, 261-75 Lawrence, Flushing, L. I., N. Y.

Coleus Brilliancy, 2-in., $3.00 per 100; rooted cuttings, $1.50 per 100; assorted standard varieties, 60c per 100; $5.00 per 1000.
N. O. Caswell, Delavan, Ill.

Coleus rooted cuttings, Verschaffeltii and Golden Bedder, clean stock, $6.00 per 1000; 2-in. stock, fine plants, $2.00 per 100, $18.00 per 1000. Cash, please. Rudolf Nagel, Lancaster, Pa.

Coleus, 20 varieties, all good bedders. Top cuttings, well rooted, careful packing, 60c per 100; $5.00 per 1000.
Leonard Lawson, 1110 8 St., Rockford, Ill.

Coleus, standard varieties, including Verschaffeltii, Golden Bedder, 2-in., $2.00 per 100; $18.50 per 1000. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Coleus. Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Coleus R. C., strong, 6 best sorts, 75c per 100. Write for special price on large orders.
Krueger Bros., Toledo, O.

Coleus, assorted standard sorts, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Assorted coleus rooted cuttings, 15 varieties, 60c per 100, $5.00 per 1000; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Coleus, 15 fine varieties. Rooted cuttings, 60c 100; prepaid, 75c.
A. J. Baldwin, Newark, O.

Coleus, Verschaffeltii, Golden Bedder and assorted fancy, $6.00 per 1000.
Albert M. Herr, Lancaster, Pa.

Trailing coleus for boxes and baskets, best thing out. R. C., 75c 100. Liberal amount sent paid for 25c or 50c. J. F. Sked, Westerville, O.

Coleus rooted cuttings, 9 kinds, 60c 100. Will exchange for rooted geranium cuttings.
E. Huston & Co., Sistersville, W. Va.

Coleus rooted cuttings, 15 varieties, $5.00 per 1000. On large lots, please write me.
U. G. Harglerode, Shippensburg, Pa.

Coleus rooted cuttings, Verschaffeltii, Golden Bedder and 10 other varieties, 60c 100; $5.00 1000. E. B. Randolph, Delavan, Ill.

Coleus R. C., best varieties, 75c per 100.
John Irvine & Sons, Bay City, Mich.

Coleus, 8 varieties, all good ones, strong 2-in., 2c. W. H. Zimmerman, Ashland, O.

CROTONS.

Croton aurea maculata, 3-in. pot plants, $8.00 per 100.
Storrs & Harrison Co., Painesville, O.

CUPHEAS.

Cupheas (cigar plant), R. C., 70c per 100.
John Irvine & Sons, Bay City, Mich.

Cuphea rooted cuttings, 50c 100.
U. G. Harglerode, Shippensburg, Pa.

Cupheas, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Cupheas, 2-in., strong, 1¾c; rooted cuttings, 60c per 100. Cash. H. S. Brandt, York, Pa.

CYCLAMEN.

150,000 giant cyclamen seedlings. We claim the finest commercial strain in this country. Mr. A. Hange, Birmingham, Ala., says, "I planted 100 of your seedlings last year (1910) in comparison with 2500 of from so-called unrivalled, high-priced English strains, but yours outgrew them." Transplanted August seedlings, $3.00 per 100; $25.00 per 1000; 4, 5 and 6-in. plants, now blooming, from 15c to 50c each. Cash with order. See my Godfrey calla adv.
C. Winterich, Cyclamen Specialist, Defiance, O.

Cyclamen giganteum. Transplanted August seedlings, the cream of the English and German strains, including orchid and best salmon flower, 10 separate varieties. Ready to pot, $3.00 per 100; $25.00 per 1000. Cash, please.
Rober & Radke, Maywood, Ill.

HANDSOMELY IN FLOWER.
A few hundred most beautiful cyclamen, 25c, 40c, 50c, 75c, $1.00 and $1.50 each. Try a dozen—see their value.
Gullett & Sons, Lincoln, Ill.

Cyclamen seedlings, excellent giant strain, 2½-in., $5.00 per 100; $30.00 per 1000. Ready now. Write for our 1912 catalogue.
S. S. SKIDELSKY & CO.,
1215 Bets Bldg., Philadelphia, Pa.

Cyclamen splendens giganteum hybrids, twice transplanted from flats, in five colors, $3.50 per 100; $30.00 per 1,000.
Paul Mader, East Stroudsberg, Pa.

Cyclamen seedlings, giant flowering strain, $3.50 per 100, $30.00 per 1000; 2½-in., $5.00 per 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Cyclamen giganteum, transplanted August seedlings, best strain, separate colors, $2.50 per 100; $20.00 per 1000 prepaid.
Wm. Eschrich Co., North Milwaukee, Wis.

We have a fine lot of cyclamen seedlings, very good imported strain, to offer in 6 separate vars., $1.50 per 100; $12.50 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Cyclamen seedlings, best giant, mixed colors, $1.50 per 100. Cash.
Rudolph Friederichsen, Marengo, Iowa.

Cyclamen, 4-in., well budded or in flower, ready to sell, 12c. Cash, only.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen giganteum. See display adv.
J. W. Miller, Shiremanstown, Pa.

Cyclamen in bud and bloom, 3-in., 5c.
U. G. Harglerode, Shippensburg, Pa.

DAHLIAS.

Price list of Dahlias for Spring 1912.
FIELD CLUMPS,
10c each; divided, 2c each, $15.00 1000.
Wm. Agnew, Henry Lyndhurst, Fire Rain, Catherine Duer, Indian Chief, Mars, Catherine, Clifford Bruton, Queen Victoria, Henry Patrick, Blanche Keith, Sylvia or Dolly, A. D. Livoni, Snowclad, Camelliaflora.
FIELD CLUMPS,
12½c each; divided, 2½ each, $20.00 1000.
Snow, Baroness Schroeder, Souv. de G. Doazon, Princess Louise, Victoria, Maid of Kent, Gen. Buller, Mrs. H. Jones, Bon Ton, Countess of Lonsdale, Souv. de Mme. Moreau, Black Beauty, Eloise, Standard Bearer.
UNDIVIDED FIELD CLUMPS,
15c each; divided, 3c each, $25.00 1000.
Strahlen Krone, Dainty, Yellow Le Colosse, Jeanne Charmet, Jack Rose, Frank Smith, Mme. Vauden Dael, Kriemhilde.
FIELD CLUMPS.
20c each; divided, 5c, $40.00 1000.
Mrs. Hartung, Flora, Mrs. Roosevelt.
Assorted to color, equal amounts of each of the different shades, red, yellow, pink and white, at $2.00 per 100; $15.00 per 1000. Not less than 500 at 1000 rate.
All good sound stock, true to name. Strong divisions of field-grown stock, no broken necks. Reference or cash with order.
W. A. Finger, Hicksville, N. Y.

Dahlias, strong divisions of best cut flower sorts. Per 100: Aurora, Queenie, V. Maule, $10.00; Delice, $9.00; Kriemhilde, Pink Pearl, Schwan, K. A. Victoria, $8.00; Burbank, J. Charmet, Mme. Van den Dael, $7.00; C. of Lonsdale, Mrs. Winters, Rose-pink Century, Fringed 20th Century, Grand Duke Alexis, $6.00; Jack Rose, $5.00; C. Bruton, Souv. de Gustave Doazon, $4.00; Gen. Buller, C. Duer, Lyndhurst, Sylvia, A. D. Livoni, Red Hussar, Queen Victoria, $3.00; Nymphaea, $2.00. Cash.
W. K. Fletcher Bulb & Floral Co.,
Route 5, Des Moines, Iowa.

WHOLESALE LIST FOR 1912
NOW READY.
Separated stock and clumps. We use no slips or sprouts for propagation; stock all grown from tubers, insuring strong roots.
J. L. MOORE,
Northboro Dahlia & Gladiolus Gardens,
NORTHBORO, MASSACHUSETTS.

EAST BRIDGEWATER DAHLIA GARDENS have 104 up-to-date kinds of the best cut flower varieties, over 750,000 clumps at right prices. Send your wants to
J. K. ALEXANDER,
The Dahlia King, E. Bridgewater, Mass.

THE BROCKTON DAHLIA FARM is headquarters for good, reliable stock. I have a quantity of standard varieties that I am going to sell at almost your own price. Send for list. I am bound to give you prices that are right.
W. P. Lothrop, East Bridgewater, Mass.

DAHLIAS—Superb florists' varieties, $5.00 per 100; $40.00 per 1000. Divided roots, ⅓ of above price.
NATIONAL CO-OPERATIVE SHOW GARDENS,
Box 1200, Spencer, Ind.

Dahlias. Best of novelties and standard varieties, true to name. A choice lot of introductions. Send for catalogue of dahlias, hollyhocks, hardy plants, etc. Prices reasonable.
W. W. Wilmore, Box 382, Denver, Colo.

DAHLIAS—Continued.

Dahlias. Gettysburg, Penelope, Red Hussar, cut flower varieties; strong divisions, $3.00 per 100. Cash.
Louis B. Eastburn, Kennett Square, Pa.

Dahlias, best varieties for florists' use. Strong, field-grown roots, true to name, in assortment, $5.00 per 100; 250 for $10.00. Send for list.
S. W. Pike, St. Charles, Ill.

Dahlias. Blushing Beauty, best cut flower kind, shrimp pink, nearly white; div. roots, $5.00 100. Wm. Ross, best red to date, $20.00 100.
J. W. ROSS Co., Centralia, Ill.

Dahlias, named sorts. Divided roots, $1.25 per 100; $10.00 per 1000.
C. W. Hoffman, R., 13, Dayton, O.

Dahlia bulbs, white, pink, red and yellow, for cut flowers, $5.00 per 100.
Jacob Russler, Morgan Park, Ill.

Buy your dahlias from a specialist. List ready.
H. W. Koerner, Sta. B., Milwaukee, Wis.

DAISIES.

Marguerites. Queen Alexandra, Nicholson's White, Soleil d' Or, 2½-in., $3.00; 3½-in., $6.00 per 100. Queen Alexandria, 4½-in., $10.00; 6-in., $25.00 per 100. Bushy stock ready for a shift or immediate flowering. Cash only.
J. Sylvester, Florist, Oconto, Wis.

Yellow daisies. Rooted cuttings, $2.00 per 100, $18.00 per 1000; out of 2¼-in. pots, $4.00 per 100, $35.00 per 1000. Satisfaction guaranteed. Cash with order.
Conrad Schultz, Westerly, R. I.

Yellow marguerites, winter flowering. Guaranteed healthy stock out of 2½-in. pots. $5.00 per 100; 4-in. pots, 10c, $10.00 per 100. Sample by mail, 10c.
James Crawshaw, Depot Ave., Barrington, R. I.

Mrs. F. Sander, new marguerite. I have a surplus of very fine, large plants, 10 to 18 in. high, ready to bloom, of this grand new novelty, $1.00 per doz.; $7.00 per 100 while they last.
J. P. Cureton, Greenwood, S. C.

MARGUERITES. Something entirely new, flowers 3 to 4 in. across, stems 12 to 15 in. long and the best winter bloomer. Stock now ready from 2½-in. pots, $5.00 100.
F. Holtke, Broad & 5 St., Carlstadt, N. J.

Daisies (Chrysanthemum maximum), fine for cutting. Strong divisions, right from 5-in. pots, $2.00 per 100; $15.00 per 1000. Cash with order.
W. A. Finger, Hicksville, L. I., N. Y.

Daisies. Queen Alexandra and large yellow. R. C., $1.25 per 100, $10.00 per 1000; strong 2½-in., $3.00 per 100, $25.00 per 1000. 250 at 1000 rate.
Krueger Bros., Toledo, O.

Marguerite R. C., winter flowering, 75c per 100; 2½-in., $3.00. Bellis, double large flowering, 50c per 100; $4.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

The new double daisy, Mrs. F. Sander. Good, strong, healthy plants from 2¼-in. pots, $5.00 per 100; $40.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Marguerite Mme. Gailbert, strong, beginning to branch freely, most of them showing buds, 3-in., $4.00; 2-in., $2.50 per 100. Cash, please.
Harry Tredway, 214 Clayton St., Dayton, O.

NEW DOUBLE MARGUERITE, MRS. F. SANder, a good variety, free and easy grower. Strong plants, 2-in.pots, $5.00 per 100; $40.00 per 1000.
S. J. Reuter & Son, Inc., Westerly, R. I.

Winter flowering yellow marguerites, the right kind; unrooted, $2.00 per 100; rooted, $4.00 per 100. Cash. A. E. Monroe, Wellesley Farms, Mass.

Shasta daisy plants, field-grown, $1.00 per 100; $7.50 per 1000. Cash or C. O. D.
E. J. Sheffield, Alvin, Texas.

Marguerites, large and small flowering, 2-in., $2.00 per 100; 3-in., $4.00.
Rober & Radke, Maywood, Ill.

Daisies. Elegant 2½-in. stock of Alexandra and Sander, healthy and strong, $4.00 per 100.
Chas. Frueh & Sons, Saginaw, Mich.

Marguerites, white, 2-in., very strong, $2.50 100; well rooted, $1.00 100.
Hopkins & Hopkins, Chepachet, R. I.

Queen Alexandra marguerites, 2½-in., fine plants, in bud and bloom, $2.00 per 100. Cash.
C. A. Musser, Doylestown, O.

Queen Alexander and yellow daisies, 4-in., fine, bushy stock, $6.00 per 100. Cash.
P. N. Obertin, Kenosha, Wis.

Daisies, Paris. Rooted cuttings, giant yellow and white, $1.00 per 100; 2-in., 2c.
Byer Bros., Chambersburg, Pa.

Daisies. White marguerites, 3-in., $4.00 per 100; rooted cuttings, 70c per 100. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Marguerites, white and yellow, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Giant marg., yellow, white, 2-in., $1.60. 100. Cash.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Yellow daisies, 2¼-in., $2.50 per 100.
Willis W. Kinyon, South Bend, Ind.

DRACAENAS.

3000 Dracaena indivisa. Good strong 2¼-in., 2½c., 3-in., 5c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dracaena indivisa, good and strong, 24 in., and over, high, 4-in., ought to be in 5-in., $10.00 per 100. Want of room. Cash.
J. Bauers, 2010 Spring Rd., S. W., Cleveland, O.

Dracaena indivisa from 3-in. pots, 15 to 18 in. high, ready for a shift, $5.00 per 100. Cash or satisfactory reference.
C. F. Mahan, R. D. 8, Dayton, O.

Dracaena indivisa, strong 2¼-in., $2.50 per 100; strong 3-in., $5.00 per 100.
F. L. Tornquist, Benton Harbor, Mich.

Dracaena indivisa, 1000 fine 4-in., $8.00 per 100; $75.00 per 1000.
S. M. Harbison, Danville, Ky.

Dracaena indivisa. Strong 5-in. pot plants, 10c; 3-in., $3.00 per 100. Buy now.
Wm. Eschrich Co., North Milwaukee, Wis.

Dracaena terminalis, fine young 2½-in. stock, $10.00 per 100.
Julius Roehrs Co., Rutherford, N. J.

Dracaena indivisa, 4-in., $10.00 per 100. Cash.
Bannister Bros., Syracuse, N. Y.

Dracaenas, 3, 4 and 5-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Dracaena indivisa, strong 2-in., $1.35 100.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Dracaena indivisa, 3-in., $5.00 per 100; $40.00 per 1000. L. Potter & Sons, Waukegan, Ill.

Dracaena indivisa, 3-in., 5c each.
Willis W. Kinyon, South Bend, Ind.

FERNS.

FERNS MY SPECIALTY
ASSORTED FERNS FOR FERN DISHES, strong 2¼-in. stock in hardiest and best varieties, $3.00 per 100; $25.00 per 1000.
CIBOTIUM SCHIEDEI. Grandest stock ever offered of this most magnificent fern, 3-in., $3.50 per doz., $25.00 per 100; 4-in., $5.00 per doz., $40.00 per 100; 8-in., $2.25; 9-in., $3.50; 10-in., $4.50; 12-in., $6.50 each.
ADIANTUM CROWEANUM, 4-in., $2.00 per doz.; $15.00 per 100.
ADIANTUM CUNEATUM, 2¼-in., $3.50 per 100, $30.00 per 1000; 4-in., nice full plants, $12.00 per 100.
ADIANTUM FARLEYENSE, 4-in., $5.00 per doz.; $40.00 per 100.
ADIANTUM REGINAE and RHODOPHYLLUM, splendid 4-in. stock, $4.50 per doz., $35.00 per 100.
ASPARAGUS PLUMOSUS NANUS, 2¼-in., $3.00 per 100; $25.00 per 1000.
ALSOPHILA AUSTRALIS, a very pretty tree fern, 7-in., $1.50; 10-in., $4.00 each.
J. F. ANDERSON,
Fern Specialist. Short Hills, N. J.

FERNS FOR IMMEDIATE DELIVERY.
EXTRA GOOD QUALITY STOCK.
BOSTON.

	100		100
4-inch	$10.00	8-inch	$80.00
5-inch	25.00	9-inch	each, 1.25
6-inch	40.00	10-inch	each, 1.50
7-inch	60.00	12-inch	each, 2.00

WHITMANI.

	100		100
6-inch	$45.00	8-inch	$80.00

ASPARAGUS PLUMOSUS.
3-in., $6.00 per 100.
R. R. DAVIS CO., MORRISON, ILL.

Ferns. Handsome stock. Boston, Whitmani, Elegantissima compacta, Sprinfieldii, Amerpohlii, Scholzeli. Rooted runners, $1.80 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c. Samples sent for 25c. Satisfaction guaranteed. Ferns are grown at Cleveland, Ohio, plant. 60,000 feet of modern glass devoted to ferns and asparagus. Special prices on large quantities for cash only.
Schneider, Florist, Springfield, Ohio.

TABLE FERNS in best mixed varieties, from 2¼-in. pots, $30.00 per 1000; 250 at same rate. I have a large stock to select from. Sure to please.
All out of town orders are cash with order, please.
B. SOLTAU FERNERY,
2199 Grant Ave., Jersey City, N. J.

Boston ferns, 6-in. pots, 45c ea., $40.00 per 100. Whitmani ferns, 4-in., 20c ea., $15.00 per 100; 5-in., 30c ea., $25.00 per 100; 6-in., 45c ea., $40.00 per 100; 7-in., 60c ea., $55.00 per 100; 8-in., 75c ea., $70.00 per 100. Ficus elastica, 35c, 50c and 75c ea. Cash, please.
Queen City Floral Co., Manchester, N. H.

Ferns. Good, strong pot-grown Amerpohlii, Elegantissima, Piersoni, Boston and Superbissima, 3-in., $7.00 per 100; 4-in., $12.00 per 100, $110.00 per 1000; 5-in., $18.00 per 100. This is all excellent stock and worth more money but I must have room.
Andrew Peterson, Hoopeston, Ill.

FERNS FOR JARDINIERES for immediate use. Bushy, well grown plants, 6 to 8 best varieties, from 2¼-in. pots, $3.00 per 100; $25.00 per 1000.
COCOS WEDDELIANA, 2¼-in. pots, right for centers, $10.00 per 100.
Thos. P. Christensen, Short Hills, N. J.

Small ferns for dishes. Pteris Mayii, serrulata cristata variegata, Wimsetti, cretica albolineata, $3.00 per 100; $25.00 per 1000.
Aspidium tsussimense and Cyrtomium falcatum, $3.50 per 100; $30.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Boston ferns, ready for shift, 4-in., $12.00 per 100; 3-in., $7.00 per 100.
Thos. Salveson, Petersburg, Ill.

Nephrolepis exalta Bostoniensis. Booking orders now. Fine, strong runners, $10.00 per 1000. Nephrolepis exaltata, same price as above. Nephrolepis davallioides furcans. Strong runners, $2.50 per 100. J. J. Soar, Little River, Fla.

ROOSEVELT FERN IS A WINNER.
2½-in. .....$2.00 per doz.; $15.00 per 100
3-in. ..... 2.50 per doz.; 17.50 per 100
F. O. B. West Grove,
Conard & Jones Co., West Grove, Pa.

Boston ferns, fine stock, for 6-in., 25c; 4-in., 12c. 25,000 Boston ferns, for 2 and 3-in., immediate or future shipments, also Whitmani, $20.00 per 1000. Cash.
A. E. Monroe, Wellesley Farms, Mass.

Ferns for dishes, transplanted, ready for potting, five varieties, $1.00 per 100; $9.00 per 1000. Strong plants, 2-inch, $3.00 per 100; $25.00 per 1000. Cash, please.
Rober & Radke, Maywood, Ill.

Boston ferns from bench, stronger than 2½-in. pot grown, $3.50 100; $30.00 1000. Fine stock and packed well.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. 500 at 1000 rate. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

Boston ferns, 5-in., $25.00 per 100; 6-in., $40.00 per 100. These were potted in September and are good, strong, well grown plants.
Crown Point Floral Co., Crown Point, Ind.

GOOD FERNS.
Bostons, 5-in., 25c; 6-in., very good, 50c; 7-in., 75c; 8-in., $1.00. Whitmani, 4-in., 20c; 5-in., 35c; 6-in., 60c. Gullett & Sons, Lincoln, Ill.

Ferns. Amerpohlii, Elegantissima, Boston, Piersoni and Whitmani, 2½-in., 4c; 3-in., 8c; 4-in., 12c.
Truitt's Greenhouses, Chanute, Kan.

Boston ferns, 5-in. pots, good, strong and healthy, to make room, 16c. Cash with order.
C. C. Walker, Danville, Ill.

Boston ferns, strong runners, $10.00 per 1000. Write for special prices on 5,000 to 20,000 lots.
F. M. Soar, Little River, Fla.

Boston ferns, grown for our own use but have too many; 5-in., 35c; 6-in., 50c; $6.00 per doz.
D. R. Herron, OLEAN, N. Y.

Table ferns, in good varieties, out of 2¼-in. pots, $3.00 per 100. Cash, please.
J. H. Fiesser, Guttenberg, N. J.

Whitmani, Bostoniensis and Piersoni ferns, 4-in., 15c ea.; 5-in., 25c ea.; 6-in., 50c ea.
Koerbel Bros., Jeanette, Pa.

Bench ferns. Elegantissima, Amerpohlii, Scholzeli, 3, 4 and 5-in., 6c, 10c, 12c. Cash.
Byer Bros., Chambersburg, Pa.

Croweanum ferns, nice stock out of 4-in. pots, $8.00 per 100.
Pittsburgh Cut Flower Co., Gibsonia, Pa.

Boston and Whitmani runners, $2.00 100. Bostons, 2½-in., extra good, $4.00 100. Cash with order.
J. T. Cherry, Athens, Ill.

Ferns for dishes, good assortment, 2-in. pots, $3.00 per 100.
John Irvine & Sons, Bay City, Mich.

Boston and Whitmani ferns, 5-in., 30c; 6-in., 50c. Cash. Bannister Bros., Syracuse, N. Y.

Boston fern rooted runners, extra fine, 2 to 5 fronds, $2.00 100. A. J. Baldwin, Newark, O.

Boston ferns, 4-in., $12.50 100.
J. W. Ross Co., Centralia, Ill.

Boston ferns, 2½-in. stock, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Boston fern runners, 2 to 4 leaves, $2.00 per 100. P. Pearson, 5734 Gunnison St., Chicago.

Boston ferns, 4-in., 15c; 5-in., 25c. Baur Floral Co., Erie, Pa.

Whitmani ferns out of 4-in., fine plants, $10.00 per 100. J. C. Schmidt, Bristol, Pa.

FEVERFEW.

Feverfew, double white. Rooted cuttings, 2c; from 2-in. pots, $2.50 per 100.
R. A. Washington, North Stoughton, Mass.

Feverfew Little Gem, $1.00 100, free by mail; $9.00 1000, free by express.
Henry Krinke & Son, St. Paul, Minn.

Feverfew rooted cuttings, nice stock, $1.00 per 100; $8.00 per 1000.
Batavia Greenhouse Co., Batavia, Ill.

Feverfew, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Feverfew, large double white, $1.00 100, prepaid. Chas. Frost, Kenilworth, N. J.

FUCHSIAS.

Fuchsia Little Beauty, the true stock, best fuchsia extant, 2¼-in., $4.00 per 100, $35.00 per 1000; 250 at 1000 rate. Rooted cuttings, $1.50 per 100. Baur Floral Co., Erie, Pa.

Fuchsias, 5 best varieties. Little Beauty, true; Renan, White Beauty, Lord Byron, Tenuer, 2¼-in., $4.00 per 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Fuchsias, assorted varieties, 2½, 3 and 4-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Fuchsias, assorted varieties. Rooted cuttings, $1.00 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

Fuchsias in assorted colors, good market varieties. Rooted cuttings, $1.25 per 100.
N. O. Caswell, Delavan, Ill.

Fuchsias, 5 good kinds. R. C., 80c; extra strong 2's, 2c. Cash.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Finest double fuchsias, dwarf habit. Strong, well-rooted cuttings, $1.00 100; $8.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Fuchsia rooted cuttings. Black Prince and other good sorts, $1.00 per 100; $8.00 per 1000.
G. E. Fink, Kenilworth, N. J.

Fuchsias, best market sorts, 2-in. pots, $2.00 per 100; rooted cuttings, 90c per 100.
John Irvine & Sons, Bay City, Mich.

Fuchsias, six best varieties, 3-in., very strong, 5c; 2-in., 2c. Bell Floral Co., Franklin, Pa.

Mixed fuchsia rooted cuttings, 75c 100.
U. G. Harglerode, Shippensburg, Pa.

GENISTAS.

Genistas, very bushy and in bud, 4-in., $10.00 per 100.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Genista rooted cuttings, $1.50 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

Genistas, large plants, 25c and 50c.
Levant Cole, Battle Creek, Mich.

GERANIUMS.

Geraniums, 60 newest varieties, all true to name, for immediate delivery. An assortment of 25 sorts at $5.00 per 100. Extra strong 2-in. stock, ready for shift. Many of these sorts are quoted by others at 10c ea. 30,000 Nutt, Viaud, Poitevine, Ricard, Buchner and Meehan, extra strong 2-in. stock, for March and later delivery; Nutt, $18.00 per 1000, the others $20.00 per 1000. All top cuttings and nothing under quality sent out. Cash with order, please. Will cover all orders as received.
J. A. Swartley & Sons, Sterling, Ill.

By Feb. 15 will have surplus of 10,000 strong rooted cuttings of Nutt, D. Grant, Meehan, Harcourt, Lecadre, Viaud, Dagata, D. Dryden, our selection in assortment, $13.00 per 1000.
By March 1, Ricard, Presilly, Landry, Hill, Col. Thomas, La Favorite, Recamier, Trego, J. Oberle, Mrs. Lawrence, L. Baudrier and all of above at same price, in assortment. For separate varieties write for price. Cash, please.
J. P. Siebold, Lancaster, Pa.

30,000 S. A. NUTT.
A No. 1 stock for delivery Feb. 20th to 30th, $1.50 per 100; $14.00 per 1000. DBLE GEN. GRANT, MME. BUCHNER and BEAUTE POITEVINE for March delivery. Write.
W. T. Buckley Co., Springfield, Ill.

Geraniums. S. A. Nutt, de Montmort, Dble. White, 2¼-in., $2.00 per 100; $18.00 per 1000. Rose geraniums, 2¼-in., $2.00 per 100. Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses, Dayton, O.

Geraniums, 2½-in. Nutt, La Favorite, $2.50 per 100; $22.50 1000. Poitevine, Jean Viaud, Harrison, Redfield, Perkins, Rose, $3.00 100; $25.00 1000. Mme. Salleroi, 2-in., $2.00 100, $18.00 1000; 500 at 1000 rate. Cash, please.
Rober & Radke, Maywood, Ill.

Geraniums, 2½-in., fine plants. S. A. Nutt, C. Harcourt, Ricard and Paumpack, the best cerise pink geranium in sight, throws more blooms than Nutt and is just as good a bedder, $2.50 per 100; $22.50 per 1000.
Myers & Co., Bluffton, Ind.

Geraniums. Heteranthe, La Favorite and a good selection of mixed varieties. Strong 2½-in., $2.00 per 100; $17.50 per 1000.
Momence Greenhouse, Momence, Ill.

Geraniums. 2000 Bruant (or Heteranthe), 300 each Hill, La Favorite, Queen of West and Rose, 2¼-in., $2.00 per 100.
S. M. Harbison, Danville, Ky.

Geraniums, S. A. Nutt and five other varieties. My selection, 2½-in. pots, $3.00 per 100; $25.00 per 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Geraniums, 2¼-in., S. A. Nutt, Dble. White, le Montmort, $2.00 per 100; $18.00 per 1000. Cash with order.
Henry Dornbusch, R. R. 2, Dayton, O.

Rooted cuttings of Nutt, Hill, Grant, Buchner, Doyle and mixed, $12.00 1000; Castellane, $1.40 100. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

Rose geraniums, strong 2¼-in., $2.50 100; well rooted, $1.00 100.
Hopkins & Hopkins, Chepachet, R. I.

GERANIUM ROOTED CUTTINGS.
All Sold Until February.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Geraniums, 2-in., Grant, 2c; Mme. Salleroi R. C., $1.00 100.
U. G. Harglerode, Shippensburg, Pa.

Geraniums. Buchner, white; La France, salmon; 2¼-in., $2.00 per 100; $18.00 per 1000.
Smith & Van Aart, Newtown, Pa.

Salleroi. Strong rooted cuttings, $10.00 per 1000; 2½-in., $3.00 per 100.
Jacob Russler, Morgan Park, Ill.

Geraniums, standard var., 2½, 3 and 4-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Mme. Salleroi, good, strong, rooted cuttings, $1.00 per 100; $8.50 per 1000. Cash.
Henry Swaby, St. Charles, Ill.

Geraniums. S. A. Nutt and standard varieties, 2½-in., $2.50 per 100; $20.00 per 1000. Cash.
H. G. Norton, Perry, O.

Geraniums, standard market sorts, established plants, $3.00 per 100; $25.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Geraniums. Mme. Buchner, Frances Perkins and Clyde, 2¼-in., $2.50 per 100; $20.00 per 1000.
So. Bend Floral Co., So. Bend, Ind.

Mme. Salleroi, strong 2-in., ready for 3-in., $2.00 per 100; $18.00 per 1000. Cash, please.
Restland Floral Co., Mendota, Ill.

Geraniums, ready March 25th. Ricard and Poitevine, $14.00 per 1000.
Albert M. Herr, Lancaster, Pa.

Mme. Salleroi R. C., $1.00 per 100, $9.00 per 1000; 2-in., $2.00 per 100, $18.00 per 1000.
Krueger Bros., Toledo, O.

2000 S. A. Nutt and 1000 La Favorite geraniums, strong 2½-in., ready for shift, $23.00 per 1000. Cash. P. N. Obertin, Kenosha, Wis.

Good S. A. Nutt R. C., ready now, $10.00 1000. Cash. Brill Celery Gardens, Kalamazoo, Mich.

Rooted geranium cuttings, $2.00 per 100; not rooted, $1.00. Austin Floral Co., Austin, Texas.

Mme. Salleroi, ready for shift, 2-in., $2.00 per 100. Thos. Salveson, Petersburg, Ill.

Mme. Salleroi geraniums, strong 2¼-in., $2.00 per 100. F. L. Tornquist, Benton Harbor, Mich.

Geranium bargains. I need room. Write to Geo. A. Relyea, Orchard Pl., Poughkeepsie, N. Y.

Geranium rooted cuttings all booked until 15th of February. Fred W. Ritchy, Lancaster, Pa.

S. A. Nutt geraniums, 2½-in., $2.50 100.
Erie Floral Co., Erie, Pa.

Mme. Salleroi, to close out, fine 2-in., 2c.
McAdams Seed Co., Columbus Grove, O.

GLADIOLI.

Gladioli, American, Augusta, Pink Augusta, Mrs. Francis King, Brenchleyensis, Mme. Monneret, Klondyke, Taconic, Rosella, Scarsdale, La Pactole, 1900, White and Light, Groff's mixture, etc. Large, strong, healthy bulbs, also bulblets. Write us for prices.
Franklin Nursery, Sta. F, Minneapolis, Minn.

Gladioli. Europa, the finest white in existence, $2.50 each. Pres. Taft, Jean Dieulafay, Alice Carey, No. 812, Independence and Silver Trophy Sec. 2 mixtures; also bulblets of America, King, Klondyke, etc.
G. B. Babcock, R. D. 80, Jamestown, N. Y.

Gladioli. Augusta, May, Ceres, Brenchleyensis, De Cheville, Easter, George Paul, Pres. Taft, Mme. Monneret, Baron Jules Hulot, mixtures, etc. Send for list.
Steven's Gladioli Co., Saginaw, W. S., Mich.

Gladioli. America, first size, $35.00 per 1000; second size, $20.00 per 1000. White Lady, the only pure white in commerce, first size only, $12.00 per 100. Cash.
Haentze Co., Fond du Lac, Wis.

GLADIOLUS—Augusta, Independence, Mme. Monneret, Mrs. Francis King, Taconic, etc., at special prices in first size; also bulblets.
NATIONAL CO-OPERATIVE SHOW GARDENS, Box 1200. Spencer, Ind.

Gladiolus. Small surplus of fine bulblets. America, $1.00 per 1000; 5000, $4.00. Mrs. F. King, 75c per 1000; 5000, $3.00. Express prepaid. S. W. Pike, St. Charles, Ill.

We want planting stock and bulblets of Augusta and other standard sorts.
W. K. Fletcher Bulb & Floral Co.,
Route 5, Des Moines, Ia.

Gladioli. See display adv. in this issue.
E. E. Stewart, Rives Junction, Mich.

GLOXINIAS.

Gloxinias, 5-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

GRASSES.

Arundo Donax variegata, strong divisions, $15.00 per 100. Cash with order.
Wachendorff Bros., Atlanta, Ga.

GREVILLEAS.

Grevilleas, 4 and 5-in., 20c.
Anderson Floral Co., Anderson, S. C.

GUAVAS.

Strawberry guavas, strong seedlings, 6 to 8-in., $1.00 per 100, $8.00 per 1000; strong transplanted, 9 to 10-in., $1.50 per 100; $12.50 per 1000.
L. J. Stengel, 215-91 N. Johnston, Los Angeles, Calif.

HARDY PLANTS.

German iris, 10 varieties, $2.00 per 100, $18.00 per 1000; mixed, $1.50 per 100. Japan iris, $10.00 per 100. Funkia coerulea, $3.50 per 100. Hemerocallis fulva and flore pleno, $3.00 per 100. Oriental poppies, $5.00 per 100.
H. H. Kern, Banner Springs, Kan.

HELIOTROPES.

Heliotropes, 2-in. Mme. Bruant, the finest dwarf; and Centifleur, $3.00 per 100. La Duse and white, $2.50 per 100. Rooted cuttings ready Feb. 20: Mme. Bruant and Centifleur, $1.50 per 100. La Duse and white, $1.25 per 100.
N. O. Caswell, Delavan, Ill.

Heliotrope rooted cuttings, 70c per 100; $6.00 per 1000; by mail, 10c per 100 extra; 2¼-in., $2.00 per 100, $18.00 per 1000. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Heliotropes, extra fine; 2¼-in. pots, $2.00 per 100; 1¾-in. pots, $1.50 per 100. Cash, please.
J. E. Felthausen,
154 Van Vraken, Schenectady, N. Y.

Heliotropes, dark; good stock. Strong and well-rooted cuttings, 75c 100; $6.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Heliotropes. Czar, Czarina, Jersey Beauty, etc., $2.50 per 100.
Storrs & Harrison Co., Painesville, O.

Heliotropes, blue and white, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Heliotropes, blue. R. C., 60c; 2-in., $1.35 100. Cash.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Heliotrope, dark, 2-in., 2c.
U. G. Harglerode, Shippensburg, Pa.

Heliotropes, 2-in., $2.00 per 100.
M. S. Wiecking Co., Bluffton, Ind.

Heliotrope, rooted cuttings, 70c per 100; 2¼-in. pots, 2c. C. H. Jacobs, Westfield, Mass.

HYDRANGEAS.

HYDRANGEA ARBORESCENS GRANDIFLORA, selected for forcing; 2-yr., 1½ to 2 ft., $3.00 per doz., $20.00 per 100; 15 to 20 in., nursery grown, $1.50 per doz., $10.00 per 100; 8 to 12 in., $6.00 per 100, $50.00 per 1000. Price list free. E. Y. Teas & Son, Centerville, Ind.

Hydrangea Otaksa, 6-in., $25.00 100; 7 to 10-in., write for prices. Will flower for Easter.
Jacob Russler, Morgan Park, Ill.

Hydrangea Otaksa, dormant, 4-in., $15.00 per 100; 5-in., $25.00 per 100.
D. U. Augspurger & Sons Co., Peoria, Ill.

Hydrangea Otaksa, 5-in., 15c; 6-in., 25c; field-grown, with one crown, 6c.
Baur Floral Co., Erie, Pa.

Hydrangea Otaksa, field-grown, 1 shoot, 6c; 2 shoots, 10c; 3 shoots, 15c.
Erie Floral Co., Erie, Pa.

IMPATIENS.

Impatiens Sultani rooted cuttings, $1.00 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

Impatiens Sultani, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Impatiens Holstii R. C., strong, $1.00 per 100.
Krueger Bros., Toledo, O.

Impatiens Sultani, red. Strong R. C., $1.00 per 100. Cash. J. P. Siebold, Lancaster, Pa.

IRISES.

German iris, blue. Strong divided roots, $12.00 1000; $1.50 100. Cash with order. Las Palmas Greenhouses, Box 453, Palo Alto, Calif.

IVIES.

GERMAN IVIES.
2-in. pots, strong plants.
We have 10,000. We must have the space, the plants need a shift, and we have a use for the spondulix (cash), so we are offering a big bargain in these for $1.50 a hundred. Cash.
C. L. Humphrey, Zanesville, O.

English ivy rooted cuttings, 6 to 10 in., $1.50 per 100; $10.00 per 1000. Clematis paniculata, 2-yr., 7c; 3-yr., 8c. Ampelopsis Veitchii, 1-yr., 4c; 2-yr., 8c; 3-yr., 12c. All field plants and long live tops. GET MY LIST.
Benj. Connell, Florist, Merchantville, N. J.

German ivy. R. C., 50c per 100, mailing 10c; 2¼-in., 2½c.
English ivy, 2½-in., 4c; R. C., $1.00 100, $9.00 1000.
Kenilworth ivy R. C., 50c 100; 2-in., 2c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

English ivy, 3-in., fine stock, large leaved, $5.00 per 100; rooted cuttings from flats, strong, $1.25 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

Ivies, German and English, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Ivy rooted cuttings. German, 60c 100. Kenilworth, 60c 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

4000 English ivy rooted cuttings, $1.00 per 100; $10.00 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

English ivy, strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.
Storrs & Harrison Co., Painesville, O.

Ivy, German, 60c; English, 75c; prepaid English, 2½-in., $3.00.
Chas. Frost, Kenilworth, N. J.

English ivy, strong 4-in. stock, excellent for spring sales, $8.00 per 100.
Wm. Eschrich Co., North Milwaukee, Wis.

English ivy R. C., $1.00 per 100.
John Irvine & Sons, Bay City, Mich.

German ivy R. C., 60c per 100.
John Irvine & Sons, Bay City, Mich.

IVIES—Continued.

German ivy, strong, well rooted, 75c 100.
Hopkins & Hopkins, Chepachet, R. I.

English ivy, nice 2½-in. plants, cut back once, $3.00 per 100. Krueger Bros., Toledo, O.

German ivy R. C., 60c per 100.
Warren Huckleberry, North Vernon, Ind.

German ivy rooted cuttings, 50c 100.
U. G. Harglerode, Shippensburg, Pa.

English ivy, strong, 2½-in. pots, $3.50 per 100; $30.00 per 1000. Thos. Salveson, Petersburg, Ill.

LANTANAS.

3000 lantana rooted cuttings, 3 varieties, $1.50 per 100; $12.50 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Lantanas, assorted, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Lantanas, 3 vars., strong, thrifty, 2-in., $2.00 per 100. Wingert & Ulery, Springfield, O.

LILIES.

Lilium giganteum, just right for Easter, 4-in., $2.00 per doz. M. S. Wiecking Co., Bluffton, Ind.

LILY OF THE VALLEY.

Lilies of the valley. Bruns' Celebrated Chicago Market brand, finest in existence, $2.00 per 100; $16.00 per 1000. Bruns' Early Forcing Valley, florists' moneymaker, $1.50 per 100; $14.00 per 1000.
H. N. Bruns, 3038 W. Madison St., Chicago.

LOBELIAS.

Lobelia Kathleen Mallard, the new double. I have 50,000 extra large and well rooted cuttings, transplanted into soil, and if you want good, clean, healthy stocks for spring trade, order now. Well packed to stand any weather; satisfaction guaranteed. 65c per 100, by mail; $4.50 per 1000, by express.
S. A. Pinkstone, York & Hickory, Utica, N. Y.

Lobelia Kathleen Mallard, the new double. We have an immense stock of well rooted cuttings, transplanted in soil last October and kept growing on, 50c per 100 by mail; $4.00 per 1000 by express. 500 at 1000 rate.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Lobelia R. C. Kathleen Mallard (best florists' double), 50c per 100; Crystal Palace (best single), 50c per 100, mailing 10c; 2¼-in., 2½c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

LUPINES.

LUPINES FOR EASTER. For the past season I have done more or less experimenting with lupines and the more I grow them, the more I think of them; I believe they can be made to return $1.00 per square foot, or more, per season. I haven't the space in this adv. to tell you all about them, but my new method of growing them is free to all who wish to try them. The plants I now offer should bloom for Easter. Each color separate, assorted, $1.00 100; $9.00 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

MOONVINES.

Moonvine rooted cuttings, $1.50 per 100, postpaid. Cash with order.
Wachendorff Bros., Atlanta, Ga.

10,000 white moonvine rooted cuttings, extra fine and clean, $1.50 per 100; $15.00 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Moonvines, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Moonvines, strong plants, 4c.
Levant Cole, Battle Creek, Mich.

MOSCHOSMAS.

Moschosmas, strong, well shaped, fine 4-in. stock plants, 10c each. Cash.
The Newburys, Mitchell, S. D.

NURSERY STOCK.

NURSERY STOCK.

Size	100	500	Car lots
Elm ...6-8	$0.08 ea.	$0.07½ ea.	$0.07 ea.
Elm ...8-10	.15 ea.	.14 ea.	.13 ea.
Elm ...1½-in. cal.	.23 ea.	.22 ea.	.20 ea.
Elm ...2-in. cal.	.30 ea.	.28 ea.	.25 ea.
Maple ..6-8	.07 ea.	.06½ ea.	.06 ea.
Maple ..8-10	.11 ea.	.10 ea.	.09 ea.
Maple ..1½-in. cal.	.18 ea.	.17 ea.	.16 ea.
Maple ..2-in. cal.	.25 ea.	.24 ea.	.23 ea.
Box Elder...6-8	.08 ea.	.07½ ea.	.07 ea.
Box Elder...8-10	.12 ea.	.10 ea.	.09 ea.
White Birch.2½-in. cal.	.50 ea.		
White Birch.3-in. cal.	.65 ea.		
Honey Locust.2-in. cal.	.90 ea.		
Honey Locust.2½-in. cal.	1.00 ea.		
Colorado Blue Spruce 3-4 ft.,	2.00 ea.		

This stock is A No. 1 every way and is standing in the nursery now. It is on leased ground and must be moved this spring. Packing at cost on less than carload lots; no packing charges on carloads. Can ship any time after April 5.
The Newburys, Mitchell, S. D.

900 white snowberry, 2½ to 3½ ft....$6.00 100
1500 golden willow, 3 to 4 ft..... 5.00 100
800 buckthorn, 4 to 5 ft..... 6.00 100
1900 S. Van Houttei, 2½ to 3½ ft..... 6.00 100
Henry Lake Sons Co., Nurserymen,
Black River Falls, Wisconsin.

Nursery stock. Shade trees, fruit trees, shrubs, roses and peonies.
Onarga Nursery Co., Onarga, Ill.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS.
ELLWANGER & BARRY, ROCHESTER, N. Y.

ONION SETS.

Onion sets. To close out, 400 bu. white, $1.25; 300 bu. red, $1.00 per bu. of 32 lbs. Sets are A No. 1, sieved through 1-in. mesh.
J. C. Zaplewski & Co., Growers,
Norwood Park, Ill.

PALMS, ETC.

Pendanus utilus, 3-in., $10.00 per 100; 4-in., $20.00 per 100.
Cocos Weddeliana, 2½-in., $10.00 per 100.
Kentia Belmoreana, 6-in. pots, 5 to 6 leaves, 24-in. high, $1.00 each; 7-in. pots, 6 leaves, 24 to 26 in. high, $1.50 each.
Kentia Forsteriana, 7-in. pots, 40 to 44 in. high,, 5 to 6 leaves, $2.50 each; 8-in. pots, 44 to 48 in. high, 5 to 6 leaves, $3.50 each.
Storrs & Harrison Co., Painesville, O.

Kentia Belmoreana from 2¼-in. pots, 3 leaves, $6.00 per 100; $55.00 per 1000. Cash or satisfactory references with order.
B. Soltau Fernery,
199 Grant Ave., Jersey City, N. J.

Pandanus Veitchii, 3-in. pots, $10.00 per 100; 4-in., $20.00 per 100; bench-grown, 10 in. high, $10.00 per 100; 15 in. high, $15.00 per 100.
J. J. Soar, Little River, Florida.

KENTIA BELMOREANA, 2½-in. pots, 10 to 15 in. tall, 4 or more characterized leaves, $9.00 per 100, and worth the money.
Jackson & Perkins Co., Newark, New York.

Phoenix canariensis, heavy, from 2½-in. pots, $5.00 per 100; $40.00 per 1000. L. J. Stengel, 215-91 N. Johnston, Los Angeles, Calif.

Pandanus Veitchii, bench-grown plants, 10 in. high, $10.00 per 100; suckers, $4.00 per 100.
F. M. Soar, Little River, Florida.

Phoenix Roebelenii, 6-in. pots, 1 to 2 ft. high, $1.00 each; 7-in., $2.00 each.
B. M. Wichers & Co., Gretna, La.

Pandanus Veitchii, strong plants, 25c and 50c.
Levant Cole, Battle Creek, Mich.

Kentias. Big stock. Write for prices.
Holton & Hunkel Co., Milwaukee, Wis.

PANSIES.

HOME OF PANSIES.
Our strain of pansies are unsurpassed; we ship with safety to all parts of the U. S. and Canada; they are giving satisfaction everywhere, our testimonials vouch for this—we receive a new one nearly every day. Our stock of plants is large, field-grown, containing our own specials, Masterpiece, Perret, Trimardeau, blood-red, yellow, etc., all at $2.50 per 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

We originated Mastodon pansies and they have proven a marvelous success because they outclass all others. New color plate catalogue, ready in February, free to all. Fine, stocky plants, 50c per 100; $3.00 per 1000; $12.50 per 5000. Seed, 1/12 oz., $1.00; $9.00 oz.
Steele's Mastodon Pansy Gardens, Portland, Ore.

Pansies, fancy prize varieties, superb mixture as usual; large transplanted plants, $2.50 per 1000; 50c per 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

Pansy plants, small plants, giant flowering, $2.50 per 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Pansy plants grown from the finest giant mixtures, $3.00 per 1000. Cash with order.
Hayman Greenhouse Co., Clarksburg, W. Va.

PELARGONIUMS.

Pelargoniums, pink, 2½-in., $3.00 per 100.
Elvira Clark Visel, Chelsea, Mich.

PEONIES.

Peony edulis superba, earliest, brightest, best for Decoration day, $5.00 per 100. Special prices on larger lots. Large assortment; send for list.
F. A. Baller, Bloomington, Ill.

Peonies in any quantity. Write for prices on list of your wants.
Gilbert H. Wild, Sarcoxie, Mo.

PETUNIAS.

Petunias, double fringed. A good collection of red, variegated and other dark colors, no white—a good collection of money makers. Strong rooted cuttings, $1.00 per 100; $9.00 per 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Dreer's double petunias, selected large flowering doubles, finely fringed, mixed colors. Rooted cuttings, $1.00 100, $9.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Double fringed petunias, 15 varieties, Dreer's and other collections, 2-in., 2c.
U. G. Harglerode, Shippensburg, Pa.

Dreer's double petunias, named varieties. Rooted cuttings, $1.00 per 100; $9.00 per 1000.
W. S. Nichol, Barrington, R. I.

Double petunias, R. C., 10 kinds, $1.00 per 100; 2-in., 2c. Cash.
Byer Bros., Chambersburg, Pa.

Petunias, assorted, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Petunias, fine 2½-in., $20.00 per 1000. Cash.
P. N. Obertin, Kenosha, Wis.

Double fringed petunias, strong 2½-in., $2.50 per 100. Krueger Bros., Toledo, O.

POINSETTIAS.

POINSETTIA STOCK PLANTS.
ONE-YEAR-OLD, TRUE STOCK.
EXTRA SELECT, $8.00 PER 100.
SECOND SIZE, $6.00 PER 100.
A. HENDERSON & CO.,
30 E. Randolph St., Chicago.

Poinsettias, good, strong, true stock plants, $5.00 per 100.
Henry A. Bester & Sons, Hagerstown, Md.

Poinsettia stock plants, good enough for anyone, $5.00 per 100. Cash.
The Newbury's Mitchell, S. D.

Poinsettia stock plants. 400 strong plants, $8.00 per 100. 100 small plants, $4.00 per 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Poinsettias, true stock, that produced bracts 24 in. in diameter, $6.00 per 100.
Thos. Salveson, Petersburg, Ill.

Poinsettias, dormant stock plants, pot grown, $3.00 and $5.00 100. Cash, please.
Rober & Radke, Maywood, Ill.

1500 Poinsettia stock plants at $5.00 per 100. Cash with order or reliable references.
Hoffmeister Floral Co., Lickrun, Cincinnati, O.

Poinsettias. Strong dormant stock plants, $5.00 per 100. Chas. Frueh & Sons, Saginaw, Mich.

PRIMULAS.

Primulas. Chinese, all colors, in bud or bloom, 3-in., $5.00 per 100. Kewensis and Forbesi, 3-in., $5.00 per 100. Obconica grandiflora and gigantea, 2½-in., $3.50; 3½-in., $5.00 per 100. All in bud or bloom. Cash, only.
J. Sylvester, Florist, Oconto, Wis.

Primulas, Chin. frin., mixed, and obc. grandif., mixed, 2-in., bargain, 1c ea. Extra nice 3-in. obc. gigantea rosea and Chinese rubra, 2½c. Cash.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Some nice 4-in. Chinese International and Star and 4-in. Primula obconica, just in bloom, ready for immediate sale, $1.00 per doz.; $8.00 per 100.
N. O. Caswell, Delavan, Ill.

Chinese primroses, finest fringed mixture, 2¼-in., 2½c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Primulas, Chinese and obconica, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Primula obconica grandiflora, 3-in., 5c; 4-in., 10c. M. S. Wiecking Co., Bluffton, Ind.

Primulas obconica, alba and rosea, $1.50 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Primroses. See my display adv. before you buy.
J. W. Miller, Shiremanstown, Pa.

Obconica grandiflora, 3 and 4-in., 5c.
U. G. Harglerode, Shippensburg, Pa.

Primula obconica, assorted, named, 2c. Cash.
Byer Bros., Chambersburg, Pa.

PRIVET.

CALIFORNIA PRIVET.

1-yr., 2 to 3 ft., 3 to 6 branches....	$12.00	1000
2-yr., 18 to 24 in., 5 to 8 branches....	12.50	1000
2-yr., 2 to 3 ft., 5 to 8 branches....	15.00	1000
2-yr., 3 to 4 ft., 5 to 8 branches....	20.00	1000

AMOOR RIVER PRIVET.

2 to 3 ft., well branched.....	$25.00	1000
3 to 4 ft., well branched.....	30.00	1000

Southside Nurseries, Chester, Va.

200,000 Cal. privet, 4 to 6 branches, $12.00 per 1000. All sizes. Large stock of Ampelopsis Veitchii, Clematis paniculata, 1, 2 and 3-yr.-old, and most all other good things for florists. Get my list before you buy.
Benj. Connell, Florist, Merchantville, N. J.

California privet, extra heavy, 3 to 4 ft., $25.00 per 1000; heavy, 2 to 3 ft., $18.00 per 1000; well branched, 16 to 24 in., $12.00 per 1000. In perfect condition. Good roots and good packing.
Furrow & Co., Guthrie, Okla.

CALIFORNIA—Any quantity, size, age. Not any better grown. Write for prices on it. Fruit and ornamental trees, shrubbery, etc.
Franklin Davis Nursery Co., Baltimore, Md.

Genuine hardy Amoor River, North and hardy Ibota Privet, $1.50 per 100 and up.
Onarga Nursery Co., Onarga, Ill.

California privet. A splendid lot of fine well graded 2-yr. stock. For particulars see our display adv. Chas. Black, Highstown, N. J.

Privet nepalense, transplanted, strong, 10 to 12-in., $2.00 per 100; $17.50 per 1000. L. J. Stengel, 215-91 N. Johnston, Los Angeles, Calif.

California privet, 24 to 30 in., $8.00 per 1000.
Jesse T. Ellis, Griffin, Ga.

PYRETHRUMS.

Pyrethrum, double dwarf; R. C., 90c per 100.
John Irvine & Sons, Bay City, Mich.

Pyrethrums, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

RESURRECTION PLANTS.

Resurrection plants, cheap.
Wm. Tell, Austin, Texas.

RHODODENDRONS.

Rhododendron, special forcing varieties, 8 to 12 buds, 18 in. high, 75c each; 12 to 14 buds, 24 in. high, $1.00 each. Bright colored sorts with perfect foliage.
Storrs & Harrison Co., Painesville, O.

ROOTED CUTTINGS.

Geraniums. Rose, $1.50; Martha Washington, assorted, best kinds, $2.50; ivy, assorted kinds, $2.00; variegated leaved S. A. Nutt, $5.00. Marguerites, Queen Alexandra, Yellow Castle, best yellow, and California, white, $1.25. Forget-me-nots, Winter Queen, best everblooming, $1.25. Fuchsias, best kinds, labled true to name, $1.25. Above prices per 100, express prepaid. If interested in dahlias get our list.
S. W. Pike, St. Charles, Ill.

R. C., bargain prices. Alternantheras, best red and yellow, 45c. Coleus, best bedders, 50c. Rex begonias, 5 kinds, 95c. All per 100. Cash. See our advs. for other bargains.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Heliotropes, genistas, abutilons, fuchsias, 6 kinds, $1.00 per 100. Cupheas, 75c per 100. Ageratum, 4 kinds, 60c per 100. Cash with order.
Byer Bros., Chambersburg, Pa.

ROOTED CUTTINGS. Send for complete list.
John Irvine & Sons, Bay City, Mich.

ROSEMARY.

Rosemary rooted cuttings, $1.50 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

ROSES.

POEHLMANN BROTHERS COMPANY,
WESTERN HEADQUARTERS FOR ROSE PLANTS.

GRAFTED—	100	1000
Double White Killarney (Poehlmann strain)	$30.00	$250.00
Pink Killarney, 2½-in.	12.00	100.00
White Killarney, 2½-in.	12.00	100.00
Richmond, 2½-in.	12.00	100.00
Maryland, 2½-in.	12.00	100.00
Radiance, 2½-in.	14.00	120.00
Mrs. Aaron Ward, 2½-in.	14.00	120.00
Melody, 2½-in.	14.00	120.00
Antoine Rivoire, Mrs. Taft or Prince de Bulgarie, 2½-in.	14.00	120.00
Sunburst, 2½-in.	35.00	.....
OWN ROOT—		
Pink Killarney, 2½-in.	6.00	55.00
White Killarney, 2½-in.	6.00	55.00
Maryland, 2½-in.	6.00	55.00
Richmond, 2½-in.	5.00	40.00
Antoine Rivoire, Mrs. Taft or Prince de Bulgarie, 2½-in.	8.00	70.00
Radiance, 2½-in.	8.00	.....
Melody, 2½-in.	8.00	70.00
Aaron Ward, 2½-in.	8.00	70.00
Lady Hillingdon, 2½-in.	10.00	.....
Dble. Pink Killarney, 2½-in.	8.00	70.00

Orders are now booked for April, May, June and July delivery. All goods sold for cash or 30 days on approved credit.
POEHLMANN BROS. CO.,
Morton Grove, Illinois.

ROSES.

GRAFTED—	100	1000
Double Pink Killarney	$20.00	$150.00
Pink Killarney	15.00	120.00
White Killarney	15.00	120.00
OWN ROOT—		
Double Pink Killarney	12.00	100.00
Pink Killarney	8.00	70.00
White Killarney	8.00	70.00

Also 3-in. Pink Killarney at $10.00 per 100; $90.00 per 1000.
S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

SELECT ROSE PLANTS, OWN ROOTS.
From 2 and 2½-in. pots.

	100	1000
Bride	$5.00	$45.00
Maid	5.00	45.00
Pink Killarney	5.50	50.00
White Killarney	5.50	50.00
Kaiserin	5.00	45.00
Perle	5.00	45.00
Richmond	5.00	45.00

Geo. M. Kellogg Flower & Plant Co.,
Pleasant Hill, Missouri.

Roses, strong 2-yr.-old field-grown plants. Dorothy Perkins and Tausendschon, $10.00 and $12.50 per 100. Cli. Meteor, Cli. Soupert, Pres. Cleveland, Red Kaiserin, Duchess de Brabant, Mme. Jos. Schwartz, Etoile de France, Abel Chatenay, Wellesley, Yoone Vachet, Col. Williams, Florence Pemberton, Countess of Gosford, Wm. Sheen, Dean Hole, Rose Gubert, Muriel Graham, Safrano and Francisca Kruger, $10.00 per 100. Also pot-grown plants; for size and varieties write to
Rosemont Gardens, Box 498, Montgomery, Ala.

ROOTED ROSE CUTTINGS.
READY NOW.
SATISFACTION GUARANTEED.

	100	1000
Richmond	$2.00	$15.00
American Beauty	4.50	40.00
Pink Killarney	3.00	25.00
White Killarney	2.50	20.00
BENCH PLANTS.		
Richmond, 1-yr.-old	6.00	50.00

GEO. REINBERG,
162 N. Wabash Ave., Chicago.

Roses, 2-yr., field-grown. To close out, choice, well grown stock of standard size for the variety, no culls, just as grown, none having been dug. 22 John Laing, 100 Prince of Naples, 36 Mme. Masson, 18 J. B. Clark, 400 Frau Karl Druschki, 20 W. La France, 100 Baby Rambler, 20 John Hopper, 100 Mme. Plantier, 24 B. Rothschild, 15 Jubilee, 50 Ulrich Brunner, 20 Anne de Diesbach, 20 Cl. Henriette, 8 Striped Henriette, $8.00 per 100; 500 for $35.00. Jesse T. Ellis, Griffin, Ga.

Roses, strong, field-grown. 10 Mermet, 45 Van Houtte, 10 Papa Gontier, 25 Princess Sagan, 25 Safrano, 30 Souv. de Catherine Guillot, 15 White La France, 10 Coronet, 15 striped La France, 25 Carnet, 15 Tausendschon, 35 General Jack, 30 Gloire de Margottin, 25 Giant of Battles, 15 Mme. Chas. Wood, $10.00 per 100; $80.00 for the lot. Cash with order.
Wachendorff Bros., Atlanta, Ga.

YOUNG ROSE STOCK
FOR SALE.
American Beauty, Killarney, Richmond, Kaiserin, Bon Silene and Safrano; all clean, healthy stock. Write for prices.
W. H. ELLIOTT,
BRIGHTON, MASSACHUSETTS.

Roses, fine, healthy stock. White and Pink Cochet, Souv. de P. Notting, Apricot, Clo. Soupert, Gruss an Teplitz, Sunrise, Franz Deegen, Wellesley, Mrs. B. R. Cant and Climbing Soupert, 2-in., $3.00 per 100.
Wagner Park Conservatories, Sidney, O.

ROSES—Send for complete list.

American Pillar, 3-yr.	$35.00 100
American Pillar, 2-yr.	25.00 100
Dorothy Perkins	12.00 100
Lady Gay, 4 to 5 ft.	16.00 100

Conard & Jones Co., West Grove, Pa.

ROSES, OWN ROOT.
Lady Hillingdon, 2½-in. $20.00 100; $150.00 1000
Melody, 2½-in. 12.00 100; 100.00 1000
Canadian Queen, 2½-in. 5.00 100; 40.00 1000
MICHIGAN CUT FLOWER EXCHANGE,
38-40 Broadway, Detroit, Mich.

ROSE LADY HILLINGDON.
Immediate delivery on own root stock, $20.00 per 100, $150.00 per 1000; grafted stock, $25.00 per 100, $200.00 per 1000.
Chas. H. Totty, Madison, N. J.

Roses. 300 Crimson Rambler, 50 Pink Rambler, 200 Gruss an Teplitz, 2 and 3-yr.-old, healthy, field-grown stock, $12.50 per 100. Cash with order.
Rose Valley Nursery, 1052 Corbett, Portland, Ore.

American Beauty, 2¼-in., $7.00 per 100; $60.00 per 1000. White Killarney, 2¼-in., $6.00 per 100; $55.00 per 1000. Kaiserin, 2¼-in., $5.00 per 100; $40.00 per 1000.
Holton & Hunkel Co., Milwaukee, Wis.

Roses, own root. My Maryland, Pink Killarney, White Killarney, Richmond, Perle, Bride and Bridesmaid, 2¼-in. pots, $5.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

Roses. Double Pink Killarney, 2¼-in., $8.00 per 100. Dark Pink Killarney, 2¼-in., $6.00 per 100. Kaiserin, 2¼-in., $4.00 per 100; $35.00 per 1000. Honaker Bros., Lexington, Ky.

40,000 own root, field-grown roses in 100 best varieties; must be sold at once. Write for low clearance price. Superior Nursery Co., 59th & Compton, Los Angeles, Calif.

ROSES FOR POT SALE—EASTER.
Two-year bench Beauties, rested ready to start for Easter, select stock, $12.00 per 100.
Gullett & Sons, Lincoln, Ill.

STRONGLY ROOTED, SELECT.
Killarney, White Killarney, Richmond, fine 2 and 3-eye stock, extra well rooted, $3.00 per 100. Golden Gate, $1.50. Gullett & Sons, Lincoln, Ill.

Roses. Dorothy Perkins and Yellow Rambler, fine field-grown, $8.00 100. Blue rose, fine field-grown, $12.50 100. J. W. Ross Co., Centralia, Ill.

BUSINESS BRINGERS—
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Double. Pink Killarney, 2½-in., $6.00 per 100.
Star Floral Co., Wilmette, Ill.

Spring price list ready; 225 varieties ready. Leedle Co., Expert Rose Growers, Springfield, O.

RUBBERS.

Rubbers, fine 5-in. stock, 35c each.
Holton & Hunkel Co., Milwaukee, Wis.

SALVIAS.

Salvias. Zurich, Fireball, splendens, 2-in., $2.00 per 100; $18.00 per 1000. Booking orders for rooted cuttings. New salvia, Pride of Maywood, of medium height, very bright, bearing large spikes, the finest we know of; 2-in. pots, $1.00 per doz.; $5.00 per 100.
Rober & Radke, Maywood, Ill.

Salvia Zurich, strong 2-in., $2.00 per 100, $18.00 per 1000; R. C., $1.00 per 100, $7.00 per 1000 500 at 1000 rate. Krueger Bros., Toledo, O.

Salvia rooted cuttings, Drooping Spike and Clara Bedman, 85c per 100 prepaid.
P. Pearson, 5734 Gunnison St., Chicago.

Salvia, Bonfire, splendens. R. C., 60c; 2-in., $1.50 100. Cash.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Salvias, splendens, Bonfire, R. C. or transpl., 90c per 100, mail 10c per 100; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Salvias, 2½ and 3-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Salvia Bonfire R. C., 80c 100, $7.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

SANTOLINAS.

Santolina R. C., 90c per 100.
John Irvine & Sons, Bay City, Mich.

Santolina rooted cuttings, $10.00 per 1000.
Jacob Russler, Morgan Park, Ill.

Santolinas, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

SEEDS.

ASTER SEED. I offer fresh seeds only, which I grow, exercising care in selecting, disbudding, etc.; climatic conditions best on earth. Peerless Pink, Violet King, Crego Pure White and Shell Pink, each 25c per trade packet; $1.00 per oz. Superb Late Branching, azure blue, pale lavender, deep crimson, deep rose, rose-pink, shell pink, pure white, deep purple, each, 25c per trade packet; $1.00 per oz. Purity, fine for design work, 50c per trade packet. Early Wonder, pure white and pink, each, 25c per trade packet; $1.00 per oz. Queen of the Market, shell pink, pure white, bright rose, crimson, lavender, purple, 20c per trade packet; 60c per oz. All aster seed ½ oz. at oz. rate. Prepaid. Cash, please.
M. J. Callahan, Ventura, Calif.

OUR OWN GROWN.
ASPARAGUS PLUMOSUS NANUS SEED.
Guaranteed true to name.
Ready for delivery now.
NEW CROP.

Lots of 5,000	$2.25 per 1000
Lots of 10,000	2.00 per 1000
Lots of 20,000	1.75 per 1000
Lots of 50,000	1.50 per 1000

Single thousands, $2.50.
LOS ANGELES FLOWER MARKET,
414½ South Broadway,
Los Angeles, California.

ASPARAGUS PLUMOSUS NANUS SEED.
New crop—Greenhouse-grown.

Per 1,000 seeds	$ 4.50
Per 5,000 seeds	20.00
Per 10,000 seeds	37.50

ASPARAGUS SPRENGERI.

Per 1,000 seeds	$ 1.25
Per 10,000 seeds	10.00

S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

ASPARAGUS PLUMOSUS SEED.
Greenhouse grown, $4.00 per 1000; $18.75 per 5000. Asparagus Sprengeri, greenhouse grown, $1.00 per 1000; $4.50 per 5000.
Asparagus plumosus, outside grown (ready in March), $2.00 per 1000. Write for our 1912 catalogue.
S. S. SKIDELSKY & CO.,
1215 Betz Bldg., Philadelphia, Pa.

FRESH SWEET PEA SEED. Spencer's Apple-blossom, Countess, Florence M., Frank Dolby, Gladys Unwin; 10c per oz., 30c per ¼ lb., $1.00 per lb. Grandiflora varieties, Blanche Ferry, Dorothy Eckford, Emily Henderson, Flora Norton, Janet Scott, Katherine Tracy, Duke of Westminster, 5c per oz., 10c per ¼ lb., 30c per lb. Prepaid. Cash, please.
M. J. Callahan, Ventura, Calif.

Asparagus plumosus nanus seed, greenhouse grown, $4.00 per 1000; 5000 seeds at $3.50 per 1000; outside grown, $2.25 per 1000. 5000 for $10.00; 10,000 for $17.50. Asparagus Sprengeri, greenhouse grown, $1.00 per 1000 seeds.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Seed packets and bags. Catalogue, clasp and commercial envelopes, printed or plain. "If it's a Spangler bag it's a good one." Estimates furnished.
E. J. Spangler Co., N. Howard St., Phila., Pa.

Clematis paniculata, Ampelopsis Veitchii, Berberis Thunbergii and 20 other varieties of fresh seed. List of seeds and plants free.
Benjamin Connell, Florist, Merchantville, N. J.

Asparagus plumosus seed, Ohio grown, just picked, 50c 100; 500, $2.00; 1000, $3.50. Large amounts at lower rate.
A. J. Baldwin, Newark, O.

Choice Carlson's aster seed, 4 colors separate, 25c tr. pkt.; $1.00 oz. Salvia splendens seed, home grown, good, $1.00 oz.
F. L. Tornquist, Benton Harbor, Mich.

Hollyhocks. Pure clean seed of the Allegheny strain, $4.00 per lb. A fancy mixture. Why not grow your own plants?
W. W. Wilmore, Box 382, Denver, Colo.

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ASPARAGUS PLUMOSUS NANUS SEED.
SEND FOR PRICES.
PETER MACK, ORLANDO, FLA.

FRESH LETTUCE SEED. May King. California Cream Butter, ¼ lb., 20c; lb., 75c. Prepaid. Cash. M. J. Callahan, Ventura, Calif.

Aster seed, best quality, grown by specialists. See display adv. for right prices.
Herbert & Fleishauer, McMinnville, Ore.

Ardisia crenulata seed, 40c per 100. The best berried plant for Christmas.
C. P. Dietrich & Bro., Maysville, Ky.

Asparagus plumosus seed, $2.50 1000; A. Sprengeri, 75c 1000. All from my own plants.
C. H. Gardiner, South Pasadena, Calif.

JUST PICKING 50,000 fresh Pennsylvania Asparagus plumosus nanus seed, $3.00 1000. Cash or C. O. D. Benj. J. Passmore, Malvern, Pa.

Just picking 150,000 fresh greenhouse grown Asparagus Sprengeri seed, 75c per 1000 postpaid. Crout & Wilson, 1 to 30 E. 61 St., Portland, Ore.

Salvia splendens seed (new), $1.25 per oz.
W. B. Woodruff, Florist, Westfield, N. J.

SHAMROCKS.

True Irish shamrock, 2-in., $3.00 per 100. Cash.
Wm. Toole & Sons, Pansy Heights, Baraboo, Wis.

Irish shamrocks. See display adv.
J. W. Miller, Shiremanstown, Pa.

SMILAX.

Smilax, strong 2½-in., $1.50 per 100—it's worth twice this much, but I need the room; $12.50 per 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Smilax, good, strong plants, 1-yr., $1.50 per 100; $12.50 per 1000. L. J. Stengel, 215-91 N. Johnston, Los Angeles, Calif.

Smilax, fine crop, ready to cut, 5-ft. strings, $1.50 doz.; $10.00 per 100. Geo. M. Kellogg Flower & Plant Co., Pleasant Hill, Mo.

Smilax, strong 2½-in., $2.00 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

Smilax. Good, strong, bushy 2-in. plants, $2.00 per 100. Addems, Morgan & Co., Paxton, Ill.

SNAPDRAGONS.

Snapdragon, florists' giant white, pink, yellow, orange, red, bronze. Strong R. C., $1.00 per 100, $9.00 per 1000; mail 10c per 100; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Snapdragon, soft rose-pink, continuous bloomer, tall and a fine seller in the Boston market. Rooted cuttings, $2.00 per 100, $18.00 per 1000.
R. D. Kimball, Waban, Mass.

Snapdragons, white and yellow. Rooted cuttings, $1.00 per 100. Cash with order.
E. Huston & Co., Sisterville, W. Va.

Snapdragons, large flowering, 3-in. stock, $4.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Snapdragons, giant flowering, white, pink, red and yellow. Fine 2½-in. plants, $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

Snapdragon Rose-Pink, rooted cuttings, $2.00 per 100; $18.00 per 1000.
Adolph E. E. Koch, Nobscot, Mass.

Snapdragons, newest giant white and shell pink, $2.50 per 100. Strong plants, extra fine.
John F. Rupp, Shiremanstown, Pa.

Antirrhinums, assorted, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

SPIRAEAS.

Forcing spiraea clumps, extra quality. Floribunda, $5.00 per 100; $45.00 per 1000. Gladstone, $10.00 per 100; $90.00 per 1000. Superba, $6.00 per 100. Queen Alexandra, $12.00 per 100. Blondine, $6.00 per 100. Japonica, $4.00 per 100. No better proposition for Easter or Memorial day.
The Storrs & Harrison Co., Painesville, O.

STOCKS.

Stocks, 2½-in., in pink, lavender, crimson and white winter flowering Nice, $2.00 per 100, 300 for $5.00. J. C. Schmidt, Bristol, Pa.

Stocks, fine plants, 6 to 10 in. high, 2-in. pots, pink and white, $1.75 per 100; 350 for $5.00. Cash.
Geo. A. Relyea, Orchard Pl., Poughkeepsie, N. Y.

Stocks, assorted, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

STEVIAS.

Stevia rooted cuttings, $1.50 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

STRAWBERRY PLANTS.

Start right by planting Townsend's Thoroughbred strawberry plants; no better grown than Townsend's no matter what you pay. Fall bearing varieties, the best that grow, 75c per doz. Klondyke, Gandy, Missionary, Excelsior, Senator Dunlop, Hoffman, Climax, Haverland, Aroma, $2.50 1000. Chesapeake, Mascot, Stevens' Late, Brandywine, Cardinal, Paul Jones, Three W's, Sample, Parson's Beauty, New Superior, $3.50 1000. Lucretia dewberries, $5.00 1000. Catalogue free, but we will accept your order from the above price list.
E. W. Townsend, E. Vine St., Salisbury, Md.

Genuine Everbearing strawberries. My little catalogue, plain and true, tells all about them and other new fruits of sterling value.
E. H. Riehl, Sta. 4, Alton, Ill.

Fall bearing strawberry plants, best varieties. Descriptive catalogue free.
Basil Perry, Cool Springs, Del.

SWAINSONAS.

Swainsona alba, white; R. C., $1.00 per 100.
John Irvine & Sons, Bay City, Mich.

Swainsona alba R. C., $1.00 per 100; 2½-in., 3c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

THUNBERGIAS.

Thunbergias, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

TRADESCANTIAS.

TRADESCANTIAS. 10,000 Wandering Jew R. C., tricolor and green, 60c per 100, $5.00 per 1000; 2½-in., 2c. Cash. Mailing 10c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Tradescantias, tricolor and green, strong, 2-in., 1¼c.
Davis Ave. Greenhouses, Pass Christian, Miss.

Tradescantia tricolor (Jew plant), R. C., prepaid, 60c 100; 2-in., 2c.
A. J. Baldwin, Newark, O.

TUBEROSES.

Tuberoses. Armstrong's Everblooming, $12.50 per 1000; small bulbs, $5.00 1000.
J. W. Ross Co., Centralia, Ill.

Mexican tuberose bulbs, blooming size, $1.00 per 100; $7.50 per 1000. Cash or C. O. D.
E. J. Sheffield, Alvin, Texas.

UMBRELLA PLANTS.

Cyperus alternifolius (umbrella plant), 500 2½-in., 3c; 500 3½-in., 5c; 400 4½-in., 7c.
Meredith Flower & Vegetable Co.,
Libertyville, Ill.

Cyperus (umbrella plants), 2-in. pots, $2.00 per 100. John Irvine & Sons, Bay City, Mich.

VEGETABLE PLANTS.

Write to James Ray Geraty, Yonges Island, S. C., to explain how to get a selection of cabbage plants, strawberry plants, asparagus roots and 16 varieties of seed free and make $1.40 for yourself. A very attractive and profitable proposition to every one owning a garden, merchants or farmers.

Write to James Ray Geraty, Yonges Island, S. C., to explain how to get 3000 frost-proof cabbage plants for $1.00. A very attractive and profitable proposition to merchants, farmers and every one owning a garden.

Grand Rapids lettuce plants, transplanted, $2.00 per 1000; out of seed bed, $1.00 per 1000. Cash, please.
Restland Floral Co., Mendota, Ill.

20,000 Grand Rapids lettuce plants, transplanted, $2.00 per 1000; 5000 for $8.00.
Romstedt Greenhouses, Ottawa, Kan.

RHUBARB. Extra large clumps for forcing, 20c each.
Sluis Seed Store, 544 W. 63rd St., Chicago.

Potted tomato plants, Lorillard and Comet, 3-in., 2c. Cash, please.
Riverview Greenhouses, Lewisburg, Pa.

50,000 good, strong Grand Rapids lettuce plants from seed bed, $1.00 1000. Cash.
Frank M. Smith Greenhouses, Dansville, N. Y.

VERBENAS.

Verbenas. Our selection of rooted cuttings, 75c per 100, $6.00 per 1000; plants, 2¼-in., $2.50 per 100; $20.00 per 1000. Purchaser's selection, rooted cuttings, 90c per 100, $8.00 per 1000; plants, $3.00 per 100; $25.00 per 1000. NEW VARIETIES, cuttings, $1.00 per 100; plants, $4.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

Lemon verbenas, 2½-in., strong stock. Verbenas, mixed varieties, 2½ in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Lemon verbena rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

VINCAS.

Vincas, green and variegated. Strong plants, 2½-in., $40.00 1000; 3-in., $50.00 1000. The above were field-grown plants, potted up last fall. You will be pleased with this stock.
Wm. Scott Co., Corfu, N. Y.

Vinca variegata from 2-in. pots, 2 to 4 leads, $2.00 per 100; 3-in., 4 to 7 leads, $5.00 per 100. Cash or satisfactory reference.
C. F. Mahan, R. D. 8, Dayton, O.

Vinca variegata, strong 2-in. stock, $2.00 per 100; $18.00 per 1000.
B. T. Winslow, Janesville, Wis.

Vinca major, 3, 4 and 5-in., strong stock; rosea, 2½-in., strong stock.
Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Vinca variegata, 2½-in., 3c; 3-in., 5c; 4-in., 5 to 10 leads, 8c, 10 to 15 leads, 10c. Cash.
Cherry Park Gardens, Fredonia, N. Y.

Vincas, green. Strong potted plants, 2-in., $2.00 per 100; $18.00 per 1000. Cash, please.
H. G. Norton, Perry, Lake Co., Ohio.

Vinca variegata, 4-in. pots, strong plants, extra long vines, $10.00 per 100; $80.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Vinca var., fine, stocky, well established plants, 4-in., 6c; 3-in., 5c; 2-in., 2c. Strictly cash.
Wingert & Ulery, Maiden Lane, Springfield, O.

2000 Vinca var., good 2½-in. pots, $2.50 per 100. E. V. B. Felthausen, 184 Van Vraken,
Schenectady, N. Y.

Vinca variegata. Strong rooted cuttings, 90c per 100; $8.00 per 1000. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Vinca green. Strong R. C., 90c per 100, $8.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Strong Vinca variegata clumps in 3½ and 4-in. pots, $5.00 and $6.00 per 100. Cash.
Russell Bros., R. 4, Syracuse, N. Y.

Vinca variegata, 4-in., strong, long vines, $8.00 per 100; rooted cuttings, strong, from flats, $1.00 per 100. Wm. Schwan & Son, Fredonia, N. Y.

Vinca variegata R. C., 90c per 100.
John Irvine & Sons, Bay City, Mich.

Vinca variegata R. C., 90c 100; $8.00 1000. Cash. Byer Bros., Chambersburg, Pa.

VIOLETS.

Marie Louise violet blooms, A No. 1 quality; will have a good crop for Valentine's day. Specials, $1.25 per 100, $10.00 per 1000; ordinary, $1.00 per 100; $7.50 per 1000. Cash with order, please.
C. Lawritzen, Box 261, Rhinebeck, N. Y.

Violets, hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000.
Storrs & Harrison Co., Painesville, O.

3000 California and 1000 Princess of Wales violets from 3-in. pots, very strong, for spring planting, $4.00 per 100.
Ellsworth Greenhouses, Grand Island, Neb.

MISCELLANEOUS.

PLANTS READY FOR THE MARKET.
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Asparagus Sprengeri seedlings, transplanted in soil, strong, $1.50 per 100. Pansy, sweet william and coreopsis seedlings, fall sown in coldframes, strong plants, 75c per 100; $5.00 per 1000. For Vinca variegata and cinerarias, see my advs. under respective headings. Strong field clumps of dahlias, varieties, C. W. Bruton, yellow, and Lyndhurst, scarlet, 6c each. Will exchange any of the above for bedding plants.
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Mme. Salleroi, 2¼-in., 2¼c. Asparagus Sprengeri, 2¼-in., 2c. Cinerarias, choice mixed, 3-in., ready for 4-in., 4c. Marguerite daisies, white, 2¼-in., 2c; 2½-in., extra strong, 3c. Coleus, choice mixed, 2¼-in., 2c. Coleus Crescent, fine variety, 2¼-in., 2c; rooted cuttings, 60c per 100. Petunias, best double, pink, red and variegated, 2¼-in., 3½c. Feverfew, dbl. white, 2¼-in., 2c. Guaranteed fine plants. Cash.
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Single tuberose bulbs, $2.00 per bushel, just as dug from field. Japanese iris, white, $3.00 per 100. Dorothy Perkins rose, large plants, 5 ft. canes, $8.00 per 100. Wakefield cabbage plants, $2.00 per 1000. 5000 California privet, 3-yr.-old, 6 ft., fine. No reasonable offer refused. Also have Allegany hollyhocks, separate colors, June sown, fine plants, $1.50 per 100.
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200 cyclamen, 3-in., 5 to 10 leaves, 8c. 100 Dracaena indivisa, 3-in., 5c. 31 large cinerarias, 6-in., 15c. 100 Godfrey callas, 4-in., 8c.
G. E. Kopper, Box 63, R. D., Schenectady, N. Y.

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To Exchange—Rooted carnation cuttings—

Alma Ward	$4.00 100;	$30.00 1000
Enchantress	3.50 100;	25.00 1000
White Enchantress	3.50 100;	25.00 1000
R. P. Enchantress	3.50 100;	25.00 1000
Beacon	3.50 100;	25.00 1000
Winsor	2.50 100;	20.00 1000

Or will exchange for pink geraniums from 2-in. pots or chrysanthemum cuttings.
Warwick Greenhouses, Warwick Neck, R. I.

To Exchange—R. C. of Enchantress, May Day, Scarlet Glow and White Perfection, also rose plants, both field and pot grown, summer propagated, including such varieties as Lady Hillingdon, Ward and the Killarneys (write for list), for 3½, 4, 5 and 6-in. Boston, Whitmani, Scottii, Elegantissima or any other plume ferns.
Rosemont Gardens, Montgomery, Ala.

To Exchange—40 ficus, 4 and 5-in., 25c and 35c; 300 alternantheras, best red, August propagation, $1.00 per 100, for Gladiolus America, Pink Augusta, Francis King; carnation rooted cuttings, White Enchantress and White Wonder or Asparagus Sprengeri, 2-in.
C. K. Hoffmeyer, Carnegie, Pa.

To Exchange—Mrs. F. Sander daisy, 3-in., 6c; Dracaena indivisa, 2-in., 2½c; Robt. Green pelargoniums, 2¼-in., 5c, for rooted cuttings of Victory, White Wonder, W. Enchantress or Beacon; Asparagus plumosus, 2-in., or 2-in. geraniums.
Johnson Floral Co., Kendallville, Ind.

To Exchange—Several hundred extra fine Austria cannas for peonies, carnations, roses, geraniums and pelargoniums or ornamented shrubs. Will give you a bargain and will take a general assortment in exchange.
J. P. Davis, Buckatunna, Miss.

To Exchange—Rooted carnation cuttings, Enchantress and White Enchantress, for Boston ferns, 3 or 4-in., Asparagus Sprengeri, 3 or 4-in., Asparagus plumosus, 3 or 4-in., or geranium cuttings. Riverside Floral Co., Columbus, O.

To Exchange—Poinsettia stock, Dracaena ind., cannas, 5 vars., and 2½-in. Asp. plumosus, for gladiolus bulbs and carnation rooted cuttings; or what have you?
Wm. Eschrich Co., North Milwaukee, Wis.

To Exchange—Fuchsias, 2-in., best market varieties, $2.00 per 100, for Geranium Mme. Salleroi, Begonia Vernon and cannas.
John Irvine & Sons, Bay City, Mich.

To Exchange—Nice Godfrey callas, in flats, for heliotropes, geraniums, gladioli or anything I can use in soft wooded stock. Write me what you have. B. F. Hensley, Knightstown, Ind.

WANTED.

Wanted—Rooted carnation cuttings. We can use for our catalogue trade large lots of carnations in the standard varieties. We shall be pleased to receive quotations from any grower having a surplus to dispose of at a price he does not wish the general trade to know.
J. W. Vestal & Son, Little Rock, Ark.

Wanted—A few thousand gladiolus bulblets, Princeps and Alice Carey; also 1000 America bulbs, first size. State quantity and price.
C. G. Benton, Ashley, Ill.

Wanted—McIntosh Red, 2 yr. old, first-class.
W. B. Bowen, Whitman, Mass.

Wanted—List and price of single geraniums.
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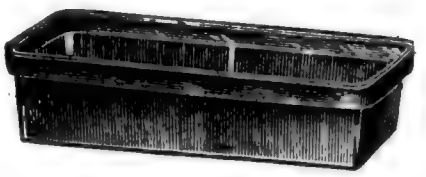
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30	16 in.	1.00	11.25	92.00
40	14 in.	.65	7.00	56.00
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Greenhouse Heating.

On page 15 of this issue is an illustrated description of W. H. Culp's successful oil burner which will be of special interest to florists located in the region of the oil fields.

ONE MICHIGAN HOUSE.

I have one new house, 22½x150 feet, five and one-half feet high at the sides and twelve feet high in the center. The beds are all solid. Can I heat this house to a temperature of 45 degrees, when the outside temperature is 10 degrees below zero, with two 3-inch flows and four 2-inch returns? Where is the best place in which to put the valves, on the flow or on the return? Should the expansion tank be connected to the return, near the boiler? I want to run the flows and returns downhill. Is that right? I am enclosing a plan of the house. J. G.

The sketch shows one 3-inch flow on each purlin post and two 2-inch returns on each wall, near the gutters. The house evidently has about two feet of glass in one side wall. The other wall is protected by the adjoining house. The plan is an excellent one, but it will be well to have two additional 2-inch returns, which could be turned on in severe weather. Another way would be to use two 2½-inch flows and seven 2-inch returns, placing the extra flow on the exposed side of the house. Run all pipes downhill. Connect the highest part of each flow with the expansion tank and place the valves on the main returns.

BURNS TOO MUCH COAL.

I should like to know what is the trouble with our boiler. It does not hold the pressure over fifteen to twenty-five minutes. It is a forty-five horsepower tubular boiler, with a grate forty-eight inches square. It has a 3-inch feed, supplying steam to twelve beds. Connected with this main feed pipe, there is a 1-inch feed for each bed, leading into two 1¼-inch returns, then into a 1½-inch main return back into a receiver and from there into a Morehead return trap. There are three greenhouses, each 27 x 100 feet, seven feet to the gutter and sixteen feet to the ridge. There is considerable steam coming out of the exhaust of the trap. Should this exhaust be open at all times, and could we aid in the saving of coal by having this live steam go into the ash pit?

We burned last winter three carloads of coal, each car containing fifty tons. We have to shovel coal on about every half hour, besides having the drafts wide open. Our chimney is forty feet high from base to top. We burn Pocahontas mine run and have the coal well saturated with water. Could you give any advice as to how to fire a boiler of this kind? We should like to know



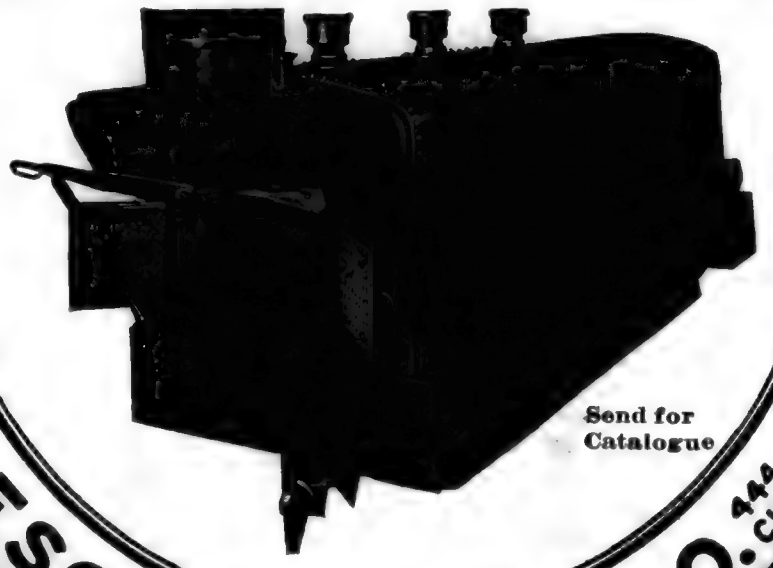
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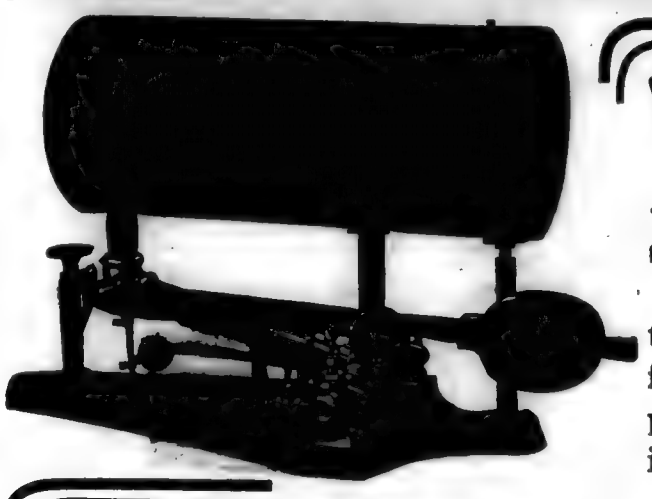
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RINGS AN ALARM

anywhere you please to locate the bell.

J. B. McFarland, of Granger, Wash., writes us as follows:—"I would like to say a word of praise for the thermostat. I have had mine and used it for two years in connection with the orchard heaters. It has always given perfect satisfaction. Although I am not over enthusiastic on the orchard heating proposition, I would not do without the frost alarm for twice the price.

"At this time of the year, when the weather is so uncertain, I place the thermostat in the packing shed. I can go to sleep at night feeling sure that if the weather gets too severe I will be awakened and can go and take measures to protect the fruit in storage: or if a fire should break out I would be aroused."

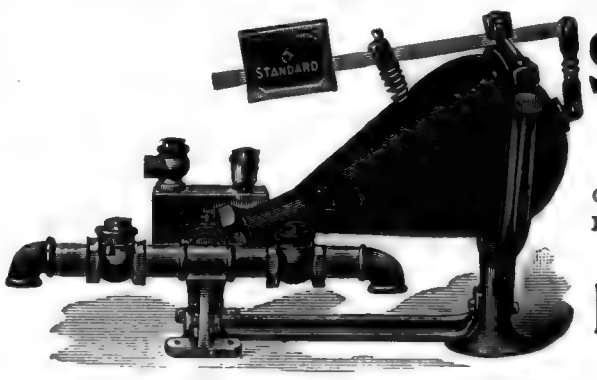
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Anybody can put it up—only a screwdriver needed—and full directions with each instrument.

Style I, diameter 6 inches, price, $5.00 each.

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STEAM TRAPS

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how to avoid burning so much coal. We are located in northeastern Illinois and we run the houses at a temperature of 48 to 50 degrees. F. B.

The amount of coal consumed would seem to be double the quantity that should be used. Just what the trouble is can not be told from the description given. It would appear that there is something wrong with the working of the trap, but what it is can only be told by an examination. It is possible that the trap is not properly connected.

RETURNS TOO LOW.

Kindly advise me how to heat my greenhouse successfully with steam. The house runs east and west. It is 12x60 feet, six feet high to the eaves and eleven feet to the ridge. The south wall contains one and a half feet of glass; the rest of the walls are double boarded. The boiler is of the upright form and has a capacity of six horse-power. Please let me know what piping should be required to heat this house to 60 degrees in zero weather. What size of pipe should be used to return the water to the boiler?

At present the coils under the benches are just below the water line in the boiler. They are always full of water and do not heat with less than twenty-five pounds of steam. I think the pipe that enters the boiler is too small to carry the condensed water. When the boiler is being filled, if the water is low in the gauge the cold water backs up into the coils instead of entering the boiler, even when the gauge shows only ten pounds of steam pressure. How much lower should the boiler be than the end of the lowest coil? My location is southeastern Michigan.

C. H. W. C.

To heat a house 12x60 feet, with one and a half feet of glass in the south wall, to 60 degrees in zero weather will require about 180 square feet of radiating surface, using low pressure steam. This can be supplied by means of one 1½-inch flow pipe, carried two feet be-

low the ridge, and six 1¼-inch pipes in the coils, or eight 1-inch pipes could be used if preferred. For returning the water to the boiler a 1¼-inch pipe will be amply large and a 1-inch pipe might be used.

The returns in a gravity system should be two feet or more above the level of the water in the boiler, and if they are below the level of the water it is not strange that trouble is experienced, as water always seeks its level. Unless it will be possible either to lower the boiler or raise the coils, some mechanical means of returning the water will be required. For a house of this size it will probably be better to lower the boiler, if drainage can be secured for the boiler pit. If this cannot be done, it will be better to use an electric pump rather than carry pressure enough to operate a steam pump or trap. In most cases where there is less than 1,000 square feet of glass, hot water is preferred to steam for heating greenhouses.

A LOW HOUSE FOR LETTUCE.

I intend to build a greenhouse next month, 12 x 100 feet. The side walls will be only one foot high, which will make the house three and one-half feet high at the gables. There will be two 5-foot ground beds, one on each side, with a 2-foot walk in the center, which I shall dig two feet deep, to provide head room. How should the house be built, running east and west or north and south? I shall use cypress sash-bars, 1⅜ x 2⅛ in. x 7 ft., and 14 x 14 double-strength glass. How many ventilators should be used in this house, with three 14 x 14 panes in them? There will be a door in each end, which can be opened in especially hot weather. Please give piping directions, also, for both steam and hot water. I shall use this house for lettuce during the winter and for vegetable plants in the spring. Would a 10-foot house be better? My location is eastern Ohio. P. H. G.

If a narrow house is to be built, a width of ten feet will be more economical of space, as to occupy a width of twelve feet either the beds or walk will have to be rather wide. It is generally regarded as a mistake to build a house as low as the one described. Instead of building the house 12 x 100 feet, it will be found better in every way to have it 20 x 50 feet, with the walls four feet high; or, better yet, have the walls five feet high, with two feet of glass at the top.

For the house 12 x 100 feet, about nine ventilating sashes of the size mentioned should be used. The house can be run in the direction that will best suit the other conditions, although a north and south house would be preferable in some ways. To heat such a house with hot water, run a 2½-inch pipe under the ridge and two 2-inch returns on each wall, near the plate. For heating it with steam, use a 2-inch overhead main and two 1¼-inch returns upon each of the plates. If the house is much exposed, an additional return will be required if the house is to be heated to 50 degrees with hot water.

Sioux Falls, S. D.—Thomas W. Hobart, the gardener and seedsman, was scheduled to read a paper at the annual meeting of the State Horticultural Society, at Brookings.



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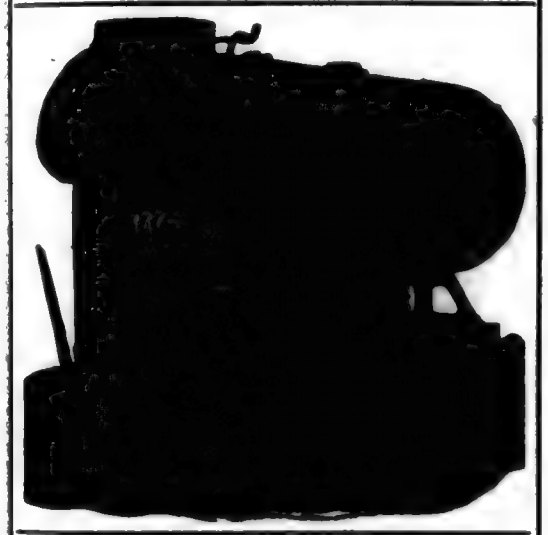
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Johnston Heating Co.
131 E. 26th St., New York City

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WILKS Hot Water Boilers

—Are—

The Most Economical Boilers for Greenhouses :: ::

No night fireman required with our Self-feeding Hot Water Boilers.

Send for Catalogue and Prices.

S. WILKS MFG. CO.
3528 Shields Ave., CHICAGO

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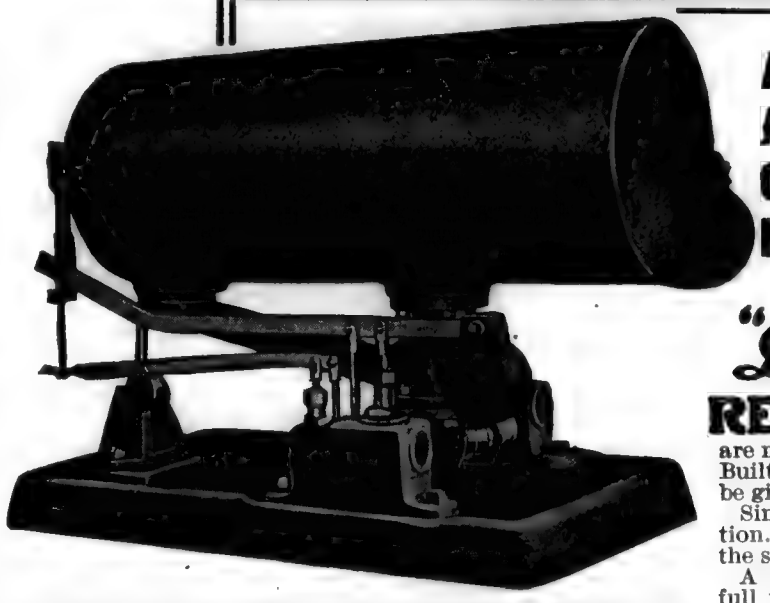
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Martin Rocking Grate

IT SAVES COAL

MARTIN GRATE CO., 343 S. Dearborn St. CHICAGO.

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FLORISTS' REVIEW
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An Asset in the Greenhouse Heating System

"Detroit" RETURN TRAPS

are machines from start to finish. Built with as much care as would be given the finest engine.

Simple in design and construction. Air and steam valves are in the same cast iron body.

A shock absorber receives the full weight of water as the trap tilts, eliminating stress, "smash and bang," usual with the ordinary tilting trap.

The lap welded steel tank is tested to 300 pounds pressure before shipment. "Detroit" Traps are an investment—not an expense.

Bulletin No. 326-WF, mailed upon request.

AMERICAN BLOWER COMPANY
DETROIT, MICH.
U. S. A.

WRITE TO

Geo. B. Limbert & Co.

557 Fulton St., CHICAGO

For Prices on

Genuine Wrought Iron Pipe

Ask For Catalogue.

Cattle Manure in Bags
Shredded or Pulverized



Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unequaled for all field use. Write for circulars and prices.

The Pulverized Manure Company
33 Union Stock Yards CHICAGO

Tobacco Stems

Strictly clean and strong, from high grade cigar tobacco only. Freshly stripped and baled daily at factory in 300-lb. bales. Large or small orders promptly shipped. Write or phone if you want A No. 1 Tobacco Stems.

H. MUNSON, Telephone North 572, 1405 Wells St., CHICAGO

THE USE OF

Ground Lime Stone

for soil application is no longer an experiment. It is a necessity for plant life. Place your order early or write for prices and information and be convinced.

BIESANZ STONE CO., 50 W. 3d St. WINONA, MINN.

There Is a Splendid Chapter on

Greenhouse Heating

in The Florists' Manual

By WILLIAM SCOTT

A complete reference book for commercial florists. 253 large pages, fully illustrated. Treats on over 200 subjects concerning greenhouse building, heating, management, and plant culture. It tells you just what you want to know, in just the way you want to be told.

Second Edition, Price $5.00, Prepaid by Express or Mail.

FLORISTS' PUBLISHING CO.
508 S. Dearborn St. CHICAGO

Tobacco Paper "NICO-FUME" LIQUID

Is the STRONGEST, BEST PACKED, EASIEST APPLIED

24 sheets.....$ 0.75
144 sheets..... 3.50
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Furnishes the Most Nicotine for the Money!

Mfd. by THE KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

Over 40% Nicotine

By far the CHEAPEST.

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Pint .....$ 1.50
½ Gallon..... 5.50
Gallon 10.50
5 Gallons 47.25

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PROVIDENCE.

The Market.

Another week of extremely cold weather has been added to the unusually long period of wintry conditions and the effect has been a curtailment of business generally. Outdoor sports have somewhat interfered with indoor functions and fewer of the latter have been in vogue. Meanwhile the growers have been feeding extra quantities of coal to their furnaces and receiving smaller returns than normal. Bulbous stock has commenced to flood the market and prices have toned off slightly.

Various Notes.

One of R. Geisler's greenhouses in the Mount Lane district of Bristol was destroyed by fire on the night of February 10. Flowers of all kinds and many valuable potted plants were destroyed and it was only the good work of the firemen that prevented the fire from destroying the entire range, as well as other property. It is estimated that the damage will be fully $3,000, partially covered by insurance.

Lawrence Hay, of East Providence, has been busy with funeral work and last week had several orders for flowers for the grammar school graduations in his section.

W. H. O'Connor has been confined to his house with a severe cold.

J. J. King, of Thornton, who dislocated his shoulder by a fall recently, is able to be about again.

W. N. Craig, of Boston, will address the Rhode Island Horticultural Society at its regular meeting February 21.

F. W. Smith, of Warren, will open his greenhouses at East Providence in a short time, under the management of William McAndrews, formerly of this city.

At the annual meeting of the proprietors of Swan Point cemetery last week, Daniel S. Thurber was reëlected superintendent.

Richard H. Dunbar, of Bristol, has the sympathy of a large circle of friends in the death of his wife.

The directors of the Providence Wholesale Flower Market, at a meeting held February 5, voted to have a large ice-box installed.

Walter S. Sword, of Valley Falls, has been laid up for more than a month with lumbago.

James Dillon, of Swan Point, who has been on the sick list for several weeks, has been removed to the Rhode Island hospital for treatment.

James H. Wilson is sick at his home on Forrest avenue, Middletown.

W. H. M.

TO-BAK-INE KILLS BUGS

ASK

E. H. HUNT

131 N. Wabash Ave. CHICAGO

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GREEN FLIES AND BLACK ONES TOO

ARE EASY TO KILL WITH

Berger's Fumigating Kind Tobacco Powder

$2.00 per bag of 100 lbs. Also, Tobacco Stems, 50c per 100 lbs.

INTERSTATE TOBACCO COMPANY, 713 First Avenue, NEW YORK

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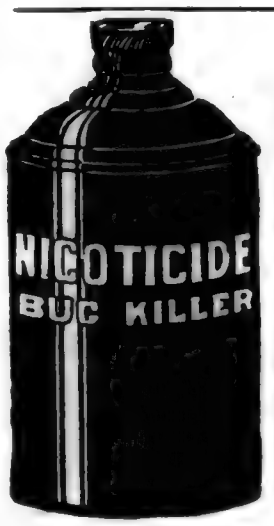
NIKOTEEN The most effective and economical material there is for Spraying Plants and Blooms. Skillfully extracted from Leaf Tobacco and carefully refined, it is clean and easy to apply. Does the work when vaporized, either in pans, on pipes or over a flame. Full pint bottles, $1.50.

APHIS PUNK Specially prepared for fumigating closed houses. It vaporizes the Nicotine evenly and without waste. Nothing keeps a house free from Aphis so cheaply.

All Seedsmen

Prepared by The Nicotine Mfg. Co., St. Louis, Mo.

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THE BEST Bug Killer and Bloom Saver

Drop us a line and

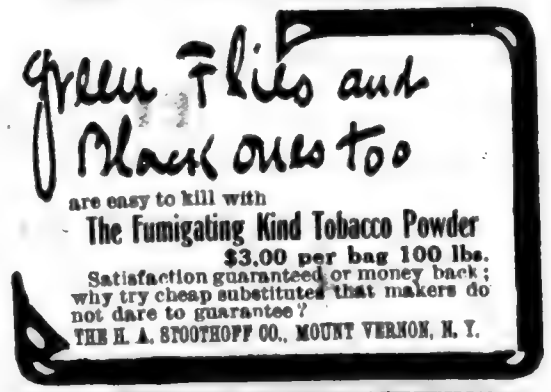
We will prove it

P. R. PALETHORPE, COMPANY

Dept. A,

Owensboro, Ky.

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Always mention the Florists' Review when writing advertisers.

Aphine

The Insecticide that kills plant Lice of every species

Grand Rapids, Mich., Feb. 6, 1912.

The Aphine Manufacturing Co., Madison, N. J.

Gentlemen: In reply to your letter of Jan. 27, will say that we have been using Fungine on lettuce for dry wilt, on roses for mildew, also on growing tomato plants. We are very much pleased with the success that we have had with it.

We use the Aphine for lice on lettuce instead of —— [a nicotine preparation] and other mixtures. We also find this to be very successful.

Kindly advise us if you put this up in barrel lots; if so, give us prices, as we will be using more and more of this Fungine as the season advances.

We will be glad to refer any of the Grand Rapids growers to these products.

Yours very truly,

GRAND RAPIDS GREENHOUSE CO.

FUNGINE

FOR SALE BY SEEDSMEN

Manufactured by

APHINE MANUFACTURING CO.

MADISON, N. J.



MT. GILEAD POTTERY CO., Mt. Gilead, Ohio

Successors to SMITH-THOMAS POTTERY

Manufacturers of CHERRY RED STANDARD POTS of all sizes

Our clay is mined from the old Morrow County Beaver Swamp, which enables us to furnish florists with pots noted for strength, porosity, beauty in color, lightness in weight and smoothness in surface, making them especially adapted to the successful growth of plants.

Our factory is equipped with new and up-to-date machinery. Our capacity is greater and our warehouse full of stock. We are ready to give all orders prompt attention. Give us your order and we will satisfy you.

OUR PRICES WILL INTEREST YOU. PRICE LIST ON APPLICATION

Syracuse Red Pots

"A little pot is soon hot"; so is a thin pot. Our pots are much thinner and tougher than others. It's the quality of the clay. Write for our latest price list if you did not get one.

Syracuse Pottery Co.

SYRACUSE, NEW YORK

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YOU

admire orderly greenhouses, where all the plants are potted in clean, well-made pots of even size.

You can get THE BEST FLOWER POTS from

THE WHILLDIN POTTERY CO.

PHILADELPHIA, PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.

ALL ORDERS SHIPPED WITHIN TWENTY-FOUR HOURS AFTER RECEIPT

ACME NICOTINE INSECTICIDES

Sold Direct to the Grower.

Acme 30 Per Cent Nicotine Liquid,
Pint $1.10—Gallon $8.00

Acme 45 Per Cent Nicotine Liquid,
Pint $1.75—Gallon $12.50.

Acme Nicotine Fumigating Paper,
Each sheet 17½ inches long.
Packed in air tight cans.
24 Sheets 60 Cents. 288 Sheets $5.50.
1728 Sheets $31.50.

J. P. BEERMAKER, 9 Washington Avenue, ST. LOUIS, MO.

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For "Pot Luck" Try Us

HEWS STANDARD POTS

POT MAKERS FOR 140 YEARS
World's Largest Manufacturers

—Write for Catalogue and Discounts—

A. H. HEWS & CO., Inc.

Established 1765
CAMBRIDGE, MASS.
Pearson St., Long Island City, N. Y.

The Clark Bros. Pottery Co.

CROOKSVILLE, OHIO.

Manufacturers of high grade

RED FLOWER POTS

Mention The Review when you write.

IONIA POTS ARE STRONG

Always burned to the same degree of hardness. Our kilns are equipped with heat-measuring pyrometers and other up-to-the-minute improvements. Every detail of manufacture, from the clay bank to the strong crates in which Ionia pots are carried to you, marks an advancement over old-time methods. Let us have your order now. We will ship when you are ready.

REMEMBER, that we solved the breakage problem years ago. **IONIA POTTERY CO., IONIA, MICH.**



GEO. KELLER & SON

Manufacturers of

RED POTS

Before buying write for prices.
2614-2622 Herndon Street
Near
Wrightwood Ave., CHICAGO, ILL.

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PLAIN

WHY OUR FLORISTS' RED POTS ARE THE BEST

All the clay goes through the same process that is used for making Dinner Ware. They are the Porous, Red Burned kind, in both plain and embossed. We can ship in any quantity any time. Five railroads, river and interurban. Write for new catalogue showing things we make for Florists' use.

THE PETERS & REED POTTERY CO., S. Zanesville, Ohio



EMBOSSED

Kramer's Pot Hanger

For Sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, $1.00 per doz. by express. Sample doz. by mail, $1.25.

J. N. KRAMER & SON, Cedar Rapids, Iowa

Mention The Review when you write.

PENNSYLVANIA

is the state to get the nice Red Standard Pots, Pans, Azalea Pots, etc., and **NORRISTOWN** is the town where they manufacture them and burn them a nice red color. **Try us** and see if they are not just as cheap, too.

THE KELLER POTTERY CO.

213-223 Pearl St., NORRISTOWN, PA.

RED STANDARD POTS Prices per 1000, F. O. B. Harrison

2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.60; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80.

Cash must accompany order.

HARRISON POTTERY, Harrison, Ohio

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RED

Standard Flower Pots

Price list and samples on application.

PADUCAH POTTERY CO., INC.

PADUCAH, KENTUCKY

Standard Red Pots

Price list and samples on application.
We carry a complete line of Florists' pots.

Weis & Schmidt Pottery Co.

MILWAUKEE, WIS.

A Few Cents' Worth of Gas or Gasoline

each day will give you plenty of water at high pressure every day in the year, and you won't need to use an overhead or storage tank either. After years spent in studying the florists' and gardeners' water supply question, we developed a line of pumps and engines that are adaptable to almost any conditions. We have combined the two in one unit and make them in sizes that give a capacity of from 400 to 4000 gallons per hour.

Standard Pumping Engines

may be used to pump directly into the pipe line and will give a steady, even stream suitable for spraying, irrigating or applying liquid fertilizers. They can also be used with any other kind of elevated tank or air pressure systems when preferred. Tell us the conditions to be met in your case and we'll tell you the best system to overcome your difficulties. Write fully about all possible sources of supply and the work to be done. We will freely give our expert advice to exactly fit your case, and in addition will send you our catalogue telling lots more about **Standard Pumping Engines**. Let us hear from you today—now—while you're thinking about it.

The Standard Pump & Engine Co., 14 Michigan Street, Cleveland, O.

Mention The Review when you write.

GREENWICH, CONN.

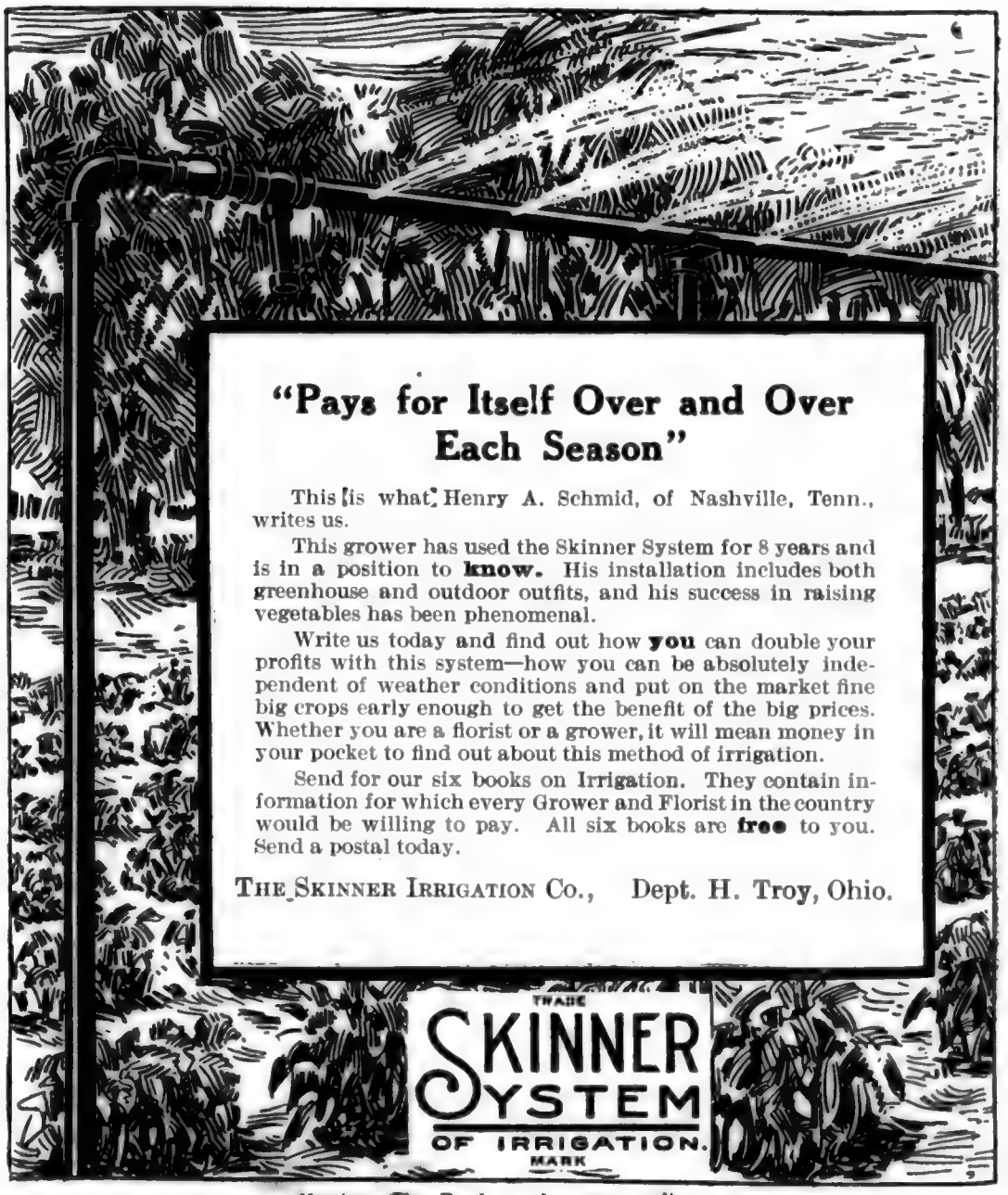
The monthly meeting of the Westchester and Fairfield Horticultural Society was held February 9, with President Stuart in the chair and 114 members present. Eleven applications were received and one honorary member elected. Charles H. Totty gave an informal talk on the novelties of 1912, which proved decidedly interesting to all, as did his account of the plans for the National Flower Show, for which many of the members are preparing exhibits and which all hope to attend.

A smoker followed the business session, during which refreshments were served and there were fine talks by P. Muller, of Boston; E. W. Neubrand, of Tarrytown; Jas. Scott, of Elmsford, and others. E. Mitchell, of Greenwich, gave some delightful songs, as did Messrs. Brown, Marshall, Foster, Wilde and many others.

The exhibits were particularly good. Certificates of merit were given to C. H. Totty for Carnation Wodenethe and to Scott Bros. for Carnation Wm. Eccles. Cultural certificates were given to T. Aitchison for Carnation Beacon, to R. Allen for two vases of mixed carnations and for three cinerarias, and to A. Wynne for three plants of stocks. Two plants of schizanthus from A. Wynne and a vase of amaryllis from W. Grierson were highly commended. Votes of thanks were given the following: P. W. Popp, for vase of schizanthus; A. Bieschke, for hybrid freesias and for Mrs. Sander marguerite; A. Paterson, for sweet peas; J. Foster, for display of vegetables; J. Burns, for a vase of mixed carnations, A. Wynne, for a vase of single stocks.

Mr. Totty offered three medals, gold, silver and bronze, for three blooms of Mrs. George Burke, to be competed for at the next fall show. O. E. A.

Willimantic, Conn.—J. L. Leonard announces that he expects to remove to California in the near future.



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THE FLORISTS' HAIL ASSOCIATION
Has paid $192,000.00 for glass broken during the last 23 years. For particulars concerning Hail Insurance, address
John G. Esler, Sec'y, Saddle River N. J.

Peerless Sulphur Blower
"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago
McMORRAN & CO. 162-166 N. Clinton St. CHICAGO, ILL.

A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

NEW YORK BELTING AND PACKING CO. LTD

91-93 CHAMBERS ST. NEW YORK

PHILADELPHIA, PA. PITTSBURGH, PA.
CHICAGO, ILL. PORTLAND, ORE. BOSTON, MASS.
ST. LOUIS, MO. SPOKANE, WASH. BUFFALO, N.Y.
INDIANAPOLIS, IND. SAN FRANCISCO, CAL.

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BUILDING?

If so, have you given your ventilating system consideration worthy of its significance? It is necessary to have perfect vent sash operators in order to secure the required results.

All we ask is a careful investigation of our machine and we know that you will confirm our statement that we have the best on the market.

Write for a catalogue.



ADVANCE CO.
Richmond - Ind.

GET OUR PRICES ON
Galvanized Wire Rose Stakes and Tying Wire

Manufacturers of the Model Plant Supports for Carnations, Dahlias, Golden Glow, Peonies, Chrysanthemums and Tomatoes.
Lawn Fence, Flower Bed Guard, Trellis.

IGOE BROTHERS
63-71 Metropolitan Avenue, BROOKLYN, N. Y.



CALDWELL TANKS and TOWERS

are of the **Highest Quality of Construction**, producing the greatest durability, longest life and best service. Give florists at small expense same water service as in cities. Write for list of users in your vicinity, and illustrated catalogue.

W. E. CALDWELL CO., Incorporated
Louisville, Ky.
TANKS { Steel, Wood, Galvanized } TOWERS
Windmills, Pumps, Gas Engine

TILE or PIPE FRAME **BENCHES**
Write for prices. Drainage perfect.
TILE BOTTOMS 12x24 and 9x24
Furnish any quantity.
The Camp Conduit Co. 718 Garfield Bldg., CLEVELAND, O.

S. JACOBS & SONS

1361-1365 Flushing Ave., Brooklyn, N. Y.

Manufacturers and Jobbers in

Greenhouse Construction Material

Take Notice We furnish working plans with each order free. We make no charge for any information you may require while erecting your house.

Most complete Factory of its kind in the United States

Established 38 Years

Absolute Reliability

Personal Attention Given to Every Order



ONE OF OUR NEW ADDITIONS.

Let us quote you
LOUISIANA RED CYPRESS,
BOILERS,
PIPE,
FITTINGS,
VENTILATING APPARATUS,
GLASS,
We carry 20,000 boxes in stock.
PUTTY.

Mention The Review when you write.



Write for Catalogue.
Tree Tubs and Brass Hoop Jardinieres.
The extension stave foot prevents the bottom from rotting. No chance for water to collect.
The American Woodenware Mfg. Co.
Toledo, Ohio, U. S. A.

The REGAN PRINTING HOUSE

LARGE RUNS OF
Catalogues OUR SPECIALTY GET OUR FIGURE
531-537 Plymouth Place, CHICAGO

ROCHESTER, N. Y.

The Market.

The steady cold weather during the last two weeks has not interfered much with business, for all the florists have been fairly busy. There has been little sunshine, so the stock of flowers is somewhat meager and prices are decidedly firm. The dark days seem to have had little effect on bulb stock, however, as daffodils, tulips, Romans and Paper Whites are quite abundant and bring a fair price.

Everybody is looking forward to a big Valentine's day trade, as orders have been placed far in advance of the day. Basket arrangements are in especially good demand.

Carnations are fairly good now, with supply and demand about equal. Roses are rather small, except the Killarneys, and Beauties are still few in number. Single violets are plentiful, but not in as great demand as the doubles. Valley is poor, sweet peas better and orchids good, but low in price. Lilies are not abundant.

Azaleas and potted bulbous plants are much sought after, and asparagus, hardy ferns and other greens are abundant.

Various Notes.

Winifred J. Smith has been kept busy with decorations of all kinds this winter.

H. P. Neun's valentine window was exceedingly attractive.

Work is soon to begin on the Letchworth park arboretum in Portage, N. Y.

The regular monthly meeting of the Rochester Florists' Association was held February 12. A. E. Crockett gave a talk on "Advertising" and George Arnold spoke on "Annuals."

H. E. Wilson will make extensive alterations to the new property at 255 Main street, east, before occupying it.

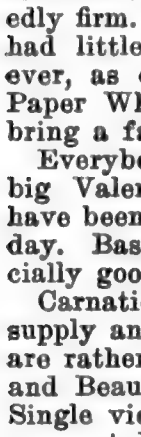
The Maurer-Haap Co. expects a large shipment of trees and shrubs for spring planting.

J. B. Keller Sons showed a pretty window of valentine novelties.

James Bishop is still confined to the house, but it is hoped that he will be out soon.

A prominent funeral February 12 gave the downtown florists considerable additional business.

W. A. Stearns, of the Sefton Mfg. Co., was here last week. E. C. A.



STANDARD VENTILATING MACHINERY

The original machine with self-oiling cups. The old reliable, the most powerful and least complicated of any on the market.

The Standard Return Steam Trap

It has no equal for simplicity or its working. Ask some one who is using a Standard for his opinion of it.

Write for catalogue.

E. HIPPARD CO., Youngstown, O.

Mention The Review when you write.

Cypress Bench Boards

Small orders cheerfully shipped from Philadelphia yard. Carload shipments direct from mill in the south.

Send us your inquiries.

Stokes Brothers Co., Inc.

30th St. below Chestnut, Philadelphia, Pa.

Mention The Review when you write.



Double-Glass Double Profits

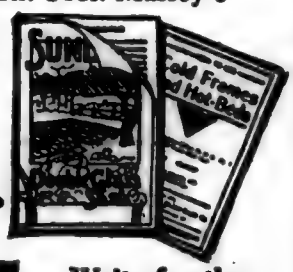
The old single layer hot-bed sash are far better than none; but they must be covered with mats, boards or shutters every evening and uncovered every morning. They are wasteful.

The new **SUNLIGHT DOUBLE GLASS SASH,** with two layers of glass enclosing an air space, are **COMPLETE IN THEMSELVES.** They eliminate all extra covers; they wipe out half the labor cost; they admit all the light by day to store warmth in the bed and then save the warmth at night.

They make plants earlier and stronger. They double final profits.

Every practical gardener or florist will see the value of this.

And it is good business for you to get our free catalog for full information. Write your address plainly and send it today; the hot-bed season is not far off. Prof. Massey's booklet on Hot-beds and Cold Frames sent for 4c in stamps.



Sunlight Double Glass Sash Co.

948 E. Broadway, Louisville, Ky.



Write for these books today.

The double layer of glass does it.



MORE BENCH ROOM

KING

SHELF BRACKETS

will do it for you, and as for GREENHOUSES AND FITTINGS we are headquarters. Our imitators are many, but they are behind the procession.

LET US FIGURE WITH YOU.

KING CONSTRUCTION CO.

Central Office and Works: N. TONAWANDA, N.Y. Eastern Sales Office: No. 1 Madison Ave., New York

Mention The Review when you write.

To Tell All the Good Points of Our Construction

in this advertisement is impossible. If you are planning any rebuilding or additions, it will pay you to write us.

TRUSSED SASH BAR AND IRON FRAME HOUSES



GEO. M. GARLAND CO.

Lock Box R, DES PLAINES, ILL.

MANUFACTURERS OF The Gutter with a Reputation

CONCRETE BENCH MOULDS AND GREENHOUSE APPLIANCES

Mention The Review when you write.

WHERE SOME OF US ARE LAME

A paper by W. N. Rudd, of Morgan Park, Ill., read before the Detroit Florists' Club, at Detroit, Mich., February 19, 1912.

IT IS said that a "knock is as good as a boost," and if the saying is true, there are going to be a good many boosts in this paper.

The growth of floriculture in our country during the last twenty years has been phenomenal—I believe unparalleled in the history of any other business. For many years the demand as a whole has kept abreast or ahead of the supply. Men all over the country have succeeded—have acquired wealth—through the growing and selling of flowers, whose crude and antiquated methods of business could only have spelled disaster in any other line. The signs are plain that this condition is not to continue and we must adopt the common-sense methods which are found necessary in all other business, or many of us are going to get hurt in the near future.

Slipshod Methods.

Perhaps the one thing in which more of us are lame than in any other is in slipshod methods of bookkeeping. How many keep careful records of receipts and expenditures week by week and month by month, posted up side by side, so that we can get a comparison between this week and this month and those of last and previous years? And yet there is nothing that calls our attention to errors, and also to successes, so easily and so surely as such a simple table.

The trade may be divided into three general classes:

1. The wholesale grower, disposing of practically all his product to other florists, either direct or through commission houses.

2. The grower, generally located in the residence districts, the suburbs or in the smaller towns, who grows his own plants and flowers and retails them himself.

3. The city store man, who grows nothing, but buys in the open market the stock necessary to supply his retail trade.

We all know the grower with the dirty, sloppy, tumble-down houses. Does he ever succeed? It is hardly worth comment. The man who has not ambition enough to keep himself and his place clean is the one who is always complaining that there is no money in the business any longer, and there isn't—for him.

The Grower and the Seller.

Perhaps the commonest mistake made by the wholesale grower is in attempting both to grow and market his own crop. The ability to sell well, and the ability to grow expertly, are not always found in the same person; and even if they are, the time lost in getting the goods to the market, dickering with the buyer and collecting the proceeds is often paid for dearly, by loss from lack of close attention to the growing end. Of course, if the extent of the business will warrant it, a well organized and efficient selling department, distinct and apart from the growing end of the business, pays, and pays well.

The wholesale grower with moderate or small areas of glass will do better to consign his stock to a reliable selling agency and put in all his time in growing it better, and growing more of it, and getting it in at the time when it is worth money. Does it not almost always happen, when you visit one of those men who peddle their own stock, that he explains the miserable condition of some lot of stuff in the house by saying that the boys let it get a little too this, that, or the other, while he was away; and aren't the boys always doing it when the boss is away half the time?

The Editor is pleased when a Reader presents his ideas on any subject treated in

THE WEEKLY FLORISTS' REVIEW

As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU

Poor Prices and Ancient Varieties.

To be sure, there are some dishonest commission men, but as a class I venture the statement that they are as honest as the men who ship to them. The man who doesn't play fair with his commission man and then complains because the commission man does not play fair with him is a foolish fellow indeed.

Many of us are selling carnations for 2 cents when good stock is bringing 3 cents. Our fuel, repairs, maintenance and all overhead expenses are the same as the other fellow's and he is only putting a little more into labor and extra care—a very little more as a percentage on his other expenses. That extra cent is just fifty per cent more than we are getting, and that fifty per cent is nearly all clear profit—which we don't get.

How many of us are growing back-number varieties simply because it costs something to stock up with the new? And yet, how little the cost compared with the difference in receipts for a whole season! And the good new things always sell in the time of a glut for some price. Not that we are to plunge on new and untried things, but we must watch the first year and jump in the second year in the things which make good. Less than two years back, the writer saw Portia carnations shipped to a Chicago commission house! Enough said.

The Grower-Retailer.

Perhaps the slowest, the least businesslike and the least up-to-date of our three classes are the men who both grow and retail their own stock. This is natural. In many cases they have been without competition. They have grown up with their surroundings and fallen into a good business among people who have had no chance to know what good stock is and meekly accept whatever is handed to them. They can force the sale of poor or ordinary stock and have gotten into the habit of growing that kind of stock and will tell you that "their trade won't pay for good stock." There is nothing more false than this. There is hardly a community in the land in which there are not a large class who will buy good stock and pay good prices when they are taught the difference. To be sure, there is everywhere a class who want cheap flowers, but, with all our care, the best of us will have plenty of second-grade stock and the markets from Maine to California are piled high with it, and through a good share of the year at prices less than the cost of growing. How these old mossbacks do squirm when a real live man opens up across the street or in the next block, and how soon they find that their trade will pay for good stock and will go to the other fellow to get it!

The Expert Retailer.

The retail store man is, properly, not a florist at all, but a merchant, and if he adapts to his own needs the methods of successful retail merchants in other lines, he succeeds. If he doesn't, he goes broke. The day of the man with a second-hand ice-box, a cracked marble-topped pine counter, and a couple of bunches of flowers (bought on credit at double price by reason of the risk of non-payment), is gone. The retail flower merchant must have capital today. Good locations, fine fixtures and attractive conditions cost money. Ability to

pay promptly is an essential in buying right. Advertising, no matter how it is done, costs money; and it is advertise, advertise and keep on advertising to get business; and do more advertising to hold it after you get it. No man can stand still in business nowadays. Every business must either grow larger or grow smaller and the man who finds his business stationary in volume must either mend his ways or get out while the getting out is good.

The Mournful Subject of Gluts.

Much and endless discussion has gone on about the mournful subject of gluts in the market and how to avoid these direful calamities. Nonsense! They always have been and always will be, when dealing in perishable commodities. Why not put this old, moth-eaten subject on the shelf and get out a brand-new and live one, "How to Make Gluts Profitable"? Here is the store man's chance to even up with the grower for what the latter does to him at Christmas and other holiday times.

There is not a dry-goods shop in the country that does not have a series of mark-down or bargain sales from year end to year end, and the bigger and more prosperous the shop, the bigger and more elaborate the sales. Have we not a great lesson to learn here? And how many of us have learned it? Few men are so wealthy as not to dearly love a bargain, and no women are. The bargain basement is found in all our "palatial dry-goods emporiums." Why not in our palatial flower shops? Think about it.

THE RETAIL FLORIST.....

MRS. TAFT'S BASKET.

The large illustration in this issue is reproduced from a photograph made at Washington, D. C., and shows a basket arranged by W. Marche & Co. It was for presentation to Mrs. Taft, and naturally everything that goes to the White House has to be first-class. In this case the flowers used were White Killarney roses and mixed orchids. One of the interesting features is that every flower had its stem in water, although not one of the water tubes was in sight of the camera.



Probably the Most Costly Advertisement Ever Printed by a Florist.

THE EVOLUTION OF RETAILING.

Whither Are We Going?

The principal subject of discussion in the trade at Chicago this week has been the operations of the Fleischman Floral Co., and the diversity of opinion developed is strongly reminiscent of the erstwhile popular slang phrase, "I don't know where I'm going, but I'm on my way." Few of the many who have talked on the matter have given even a moment's consideration to Fleischman's point of view; their only concern has been with the effect on individual interests. That Fleischman's course will have its effect on the trade as a whole nearly all agree, but as to just what the effect will be there are the most divergent views.

What Fleischman is Doing.

It should be considered that Fleischman has one of the best equipped stores in the country, high class in every respect. For some years after the business was started only the best class of trade was catered to and the prices charged were probably as good as in any store west of the Hudson. Then the policy apparently was changed. Volume of business was sought and the daily papers were used to tell of special sales. In the present season larger and larger spaces have been used and, while much emphasis has been put on the service given, prices have been strongly featured; and the prices in many instances have been uncomfortably close to the wholesale rates for small lots of selected stock. Usually only one item has been advertised at a time—something in large supply. The climax came Monday morning, February 19, when the whole back page in the highest priced daily in Chicago, and smaller spaces in other papers, were used to exploit a "Twelfth Anniversary Flower Carnival," with the prices quoted on several items right down to what the stock was bringing, in small lots, at wholesale. Other items appeared to afford a moderate margin of profit, but the general impression given by the advertising was that a high class retail store was spending many hundreds of dollars to offer flowers at the wholesale prices.

The First Effect.

For a long time the other buyers in the Chicago market have pointed to the Fleischman advertising as a reason for insisting on lower prices for themselves, arguing that they must be given a chance to compete and live. The morning the full page advertisement appeared dozens of buyers brought it



Basket of Roses and Orchids for Mrs. Taft, Arranged by W. Marche & Co., Washington.

to the wholesale district with them. When the regular prices were asked of them, out would come the paper and so vehement were the demands for concessions that in the end a good many buyers got at least a part of their supplies at lower rates than the week before. So the first result of the Fleischman splurge undoubtedly was a reduction in the average wholesale prices for the day. But larger quantities of stock also were sold.

As to the final result, should Fleischman, and one or two others who are working more or less on the same lines,

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When there is no evidence that a would-be buyer is entitled to trade prices there really is only one thing to be done—ask either retail prices or the missing evidence. Many of the best houses do this, and the trade at large certainly is entitled to this protection. If the custom were general there would be no trouble—the only difficulty would be in drawing the line, in determining just which ones of the beginners are sufficiently interested in the trade to be entitled to wholesale rates. The fact that there are so many who are just on the border line, deriving only part of their income from the florists' business, perhaps leads to the practice of the firms that give wholesale rates to anyone who buys in wholesale quantities and under the usual trade conditions. But this is not the best practice; there are wealthy amateurs who buy in trade quantities but who should be the customers of the local florists and not of the out-of-town wholesale grower or dealer. Still, if time is taken to investigate the doubtful inquiries, it will be found that those who ask for trade rates usually are entitled to them. The Review investigates every doubtful name that comes into the office. Now and then someone is found to be sailing under false colors, but it almost always turns out that the party is just starting in the business, though there is a sprinkling of those who have been in it a considerable length of time without having advanced to the dignity of printed stationery, or becoming rated or listed anywhere.

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ROSES

ROSES DYING.

Your paper seems to be the best place to get information, and as I am in need of some, I will place the matter before you. I have a new house of roses, planted last June. They did well until nearly Christmas, when they got a pretty good dose of mildew, in spite of the fact that I had used sulphur regularly on the hot water pipes; sometimes I thought I used it pretty strong, as I could smell it plainly and feel it in my eyes, but the mildew came just the same. I tried some sprays, which seemed to have no effect whatever, so finally I used Bordeaux mixture, which cleaned it out, but two or three weeks ago the Killarneys began losing their leaves and a great many of them took on a sickly yellow appearance. Even the young shoots, with buds on, commenced to lose their leaves from the bottom up, and finally to the top; sometimes the bud matured and sometimes it wilted and turned its head down. Some of the foliage looked as if it had a bad case of red spider. There were some red spiders in spots, but not a bad case of them. I used the hose freely, but now some of the roses are dying. I am sending a sample of them under separate cover—two small plants, pulled up.

The soil was well enriched with horse manure at the time of planting and a layer of coarse manure was put over the cracks in the benches. The only other fertilizers used were a little bone meal and a small watering of nitrate of soda, about a teaspoonful to a 1½-gallon sprinkler of water; also a little wood ashes and a small amount of lime, the latter just a few days ago, to help kill the fishworms. These plants seem to be dead at the roots and I do not know what the matter is. Richmond and Maryland in the same house and under the same treatment are not affected, or only to a small degree, but I fear half the Killarneys will go, though some of them are showing new growth and a few were not badly affected. E. M. H.

The two plants received were entirely dead. Each contained some mealy bug just above their roots, but these specimens were so thoroughly dried up that they did not in any way assist in locating the cause of their death. If Maryland and Richmond, under similar conditions of soil and atmosphere, are unaffected, the cause is probably not in the soil. Heavy top-dressings of fresh cow manure will not infrequently cause a loss of foliage and even scorching. This would show more quickly on Killarney than on Maryland and the tougher foliaged Richmond. It is likely that between your several remedies, sulphuring the pipes, spraying with Bordeaux mixture, etc., the foliage has been injured. This damage would most probably be caused by the Bordeaux mixture. This is a splendid spray for fungoid diseases, though I have doubts as to its efficiency against mildew. Much would depend on how strong you used the Bordeaux. If, for instance, it was of a strength equal to what is generally used in spraying apples and other fruit trees, it would be reasonably sure to destroy much of the foliage. Peach trees, if sprayed at the same strength as apple, will lose a lot of foliage; this would not occur at once, but gradually, and after a lapse of two or three weeks. My personal opinion would be that the sulphur on the pipes, added to the Bordeaux, caused the loss of leaves and caused the plants to die. Your soil was evidently all right and so were the moderate applications of stimulants. Rosa.

ROSE FOLIAGE DISEASED.

I am sending in a box of some rose leaves that are infected. It is something new around here. We would like to know what it is and how to treat it. F. C.

The leaves, when received, were much dried up. It is hard to give an opinion as to what has caused the foliage to go as yours has, and not know anything of your varieties, cultural conditions, etc. The most probable cause would seem to be an excess of manure, either in the form of top-dressing or as liquid. Fresh cow manure highly charged, as it always is, with ammonia would cause this scorching unless some air was kept on the top ventilators until the odor subsided, but of course this would not be done with such weather as we had early in February. Of course this may not be the cause of your trouble, but I have seen similar damage done on a number of occasions by using fresh cow manure. C. W.

CHRYSANTHEMUM SOCIETY.

Geo. W. Burke offers special prizes for the 1912 C. S. A. exhibition as follows: Best six blooms on long stems Chrysanthemum Mrs. Geo. W. Burke, first prize $15; second prize $10.

Chas. W. Johnson, Sec'y.

SEASONABLE SUGGESTIONS

Stevias.

Of course you would not forget to save a few stock plants of the easily grown but ever useful winter blooming plants, the stevias. Place a good batch of cuttings in the sand now. Further cuttings can easily be had from these, and the stock plants can be discarded. For pot culture the dwarf variety is best, but for cutting, the tall variety has many advantages.

Canterbury Bells.

The plants of Canterbury bells intended for Easter should now be a foot high and should have a few stakes to keep them erect. The night temperature for these is better if it does not exceed 50 degrees. In a warmer and moister atmosphere the shoots have a faculty of dying off, which is rarely seen when they are grown cool.

Cannas.

It is much too early to start canna roots yet, but if you want a plant or two of each variety in flower to show your customers what the varieties are like, place one or two in a warm, moist house at once. Look over your stock of roots and remove any that show decay. If you are short on any sorts, and there are many who annually buy large quantities, place your orders now before the stocks of A-1 varieties become depleted. Lists of first-class sorts will be found advertised by all the leading specialists in The Review.

Calceolarias.

Like show pelargoniums, calceolarias want a cold house. One which seems clammy to the feel will just suit them. Never let them get potbound before shifting them. They should get their final potting as soon as possible. Three parts of fibrous loam and one part of old cow manure, with some soot, coarse sand and fine charcoal added, make an ideal compost. As everyone knows who has grown them, they are headquarters for aphis, and fumigating rather than spraying is needed to keep these in check. It is difficult to get a spray on the lower surface of the leaves without damaging them.

Allamandas.

Allamandas, whether in pots, tubs or planted out, which have been resting through the winter, should now be pruned back and, in the case of pot

plants, the bulk will require a shift. Allamandas are strong feeders and a compost of three parts fibrous loam, one part old cow manure, some bone meal and coarse sand can be used. Place in a warm, moist house. Water sparingly, but syringe freely until the plants break, after which more moisture can be afforded at the root. Large specimens in tubs or planted out should have the surface soil removed and a generous top-dressing of cow manure and loam added. This can be supplemented, while the plants are in active growth, by a mulch of pure cow manure, as well as applications of liquid manure. Allamandas are among our finest of greenhouse climbers in summer, and the variety Williamsi in addition makes a charming pot plant.

Tuberous Begonias.

In order to get a batch of tuberous begonias in flower early, start some tubers now in flats containing some sand and leaf-mold. Water sparingly so as not to rot the tubers and pot off before the roots ramify too far. Be sure to prick off seedlings into shallow flats of light soil before they become crowded. Give them a light shelf in a carnation temperature. They can be potted along and will make excellent plants, either for flowering in pots or bedding out. For the latter purpose a well shaded position is necessary. When this can be given them, and also an occasional watering, they make one of the most brilliant and satisfactory beds imaginable.

Hydrangeas.

Memorial day and through the month of June is the season par excellence for selling hydrangeas. In order to have the plants in nice condition at that time they should be placed in a cool greenhouse not later than March. Do not stand them along the paths, to be brushed against, nor under the benches, to be drawn and spindled. It is difficult before Easter to give them the space they ought to have, but it can be done usually by what is generally termed a little "scheming."

Gladioli.

For Memorial day crops gladioli should be planted now. Even if they should come into flower a little ahead of that date, there is generally a good sale found for them. The old and inexpensive Brenchleyensis, brilliant scarlet in color, is a grand Memorial day sort, and anyone hitting that date with a good batch will make money. Other useful varieties are Augusta, America, still the most popular of all, May, Shakespeare and Mrs. Francis King.

Shamrocks.

The time when shamrocks will be in demand is rapidly approaching. All the young plants should before this time be in the little pots or pans in which they are to be sold. Keep them in a light, cool house. Avoid cold drafts, as the plants are susceptible to mildew and once badly affected are practically unsalable. Thrips will also sometimes attack them if the atmosphere becomes too arid, but this can be kept in check by weekly fumigations.

Candytuft.

There are few Memorial day crops which pay better money than does candytuft. The plants of these should now be in small pots, and this is merely intended as a reminder that the sooner these can be planted out in beds or benches, the better. Continue to grow them cool. If the crop is at all backward some additional heat can be given later in the season, when the growth is more advanced.



Iron Frame House of G. E. Kopper, Schenectady, N. Y.

Lily of the Valley.

Flowers from the new season's crop of valley pips are now coming fine. It has been slower work than usual forcing this popular flower of late, owing to the intense cold, but now, with the assistance of more solar fervor, crops are coming along more quickly. It is too early yet to start plants for Easter unless they are brought along in a moderately cool house. Six weeks in a temperature of 50 degrees will flower valley now, and four weeks in 10 degrees more heat. This refers to plants in pots which do not now need to be drawn up in the dark, but can go into the light at once. Such plants may be a trifle dwarfer than the darkened-frame-grown stock, but will carry heavy, dark foliage, and the flowers will have a great deal more substance.

For cut flower purposes a fresh batch of pips should be planted in the cases once a week. They should flower within three weeks, now that the most severe of the winter's cold has passed.

The outlook for valley for next season is dubious. Reports are that whole fields in Germany were plowed up as the result of last summer's great drought. This is sure to cause an advance in price next season here.

Annuals for Memorial Day.

Many inquiries are received as to good annuals for Memorial day. Seed can now be sown of ten weeks' stocks, annual larkspurs, antirrhinums, calendulas and dimorphothecas for this purpose, but the sowing must not be delayed. Asters can not be flowered so early, but if a spare bench is planted with Early Wonder or Queen of the Market they will prove invaluable later in the season, when carnations are running out and before the outdoor aster crop comes in.

The Propagating Bench.

The cutting bench should now be filled to its fullest capacity all the time. Coleus, alternantheras, petunias, verbenas, heliotropes and ageratums are only a few of the many subjects which should be freely propagated. It is as important to pot or box off the rooted cuttings at the correct time as to place them in the sand, for if neglected even a few days too long, they become hard and stunted and never prove so satisfactory as when placed in the soil while the roots are yet short.

KOPPER IS PROGRESSING.

At Schenectady, N. Y., G. E. Kopper is planning the increase of his glass this spring; his first addition will be a house 50x200 feet, half of which he plans to plant to carnations, with chrysanthemums and greens in the other half. Business is increasing steadily with him, and he intends to develop a large commercial plant. The accompanying illustration gives an interior view of Mr. Kopper's iron frame Hitchings house, with concrete bed walls. The house had just been planted with chrysanthemums for last season's crop when the photograph was made. Mr. Kopper is a strong advocate of concrete construction, both for walls and benches, believing that it will be the material of the future for all up-to-date greenhouse construction. Mr. Kopper has fifteen acres of fine, flat land which has been growing vegetables for five years. He expects to plant half of it to hardy perennials and nursery stock, developing the nursery department at the same time that he is building up the greenhouse business.

New Haven, Conn.—Smith T. Bradley is the owner of a crow which is so remarkably clever that a local newspaper recently devoted a column or so of space to a description of its accomplishments. It acts the part of a watchdog, spending the night in a cage on the lawn and setting up a vociferous screaming and cawing if any stranger appears on the premises.



ORCHIDS IN EUROPE.

Growth of the Orchid Industry.

Perhaps a few notes on orchids as grown in Europe may be of interest to the trade in America, as they can have little idea of the enormous extent of the orchid industry on this side. We have some gigantic establishments in England that are devoted exclusively to orchid culture in all its branches. Imported plants are sold in ever-increasing numbers each year, some of the large firms disposing of 100,000 to 250,000 plants each season, of dendrobiums, cattleyas, vandas, etc., with smaller lots of the less known kinds. They make up special boxes of different varieties suitable for small growers and amateurs, who have perhaps only one or two small greenhouses to grow the plants in, and who have good success with them, as the old idea of this class of plants being difficult to grow is quite exploded here.

Activity in Hybridizing.

It is, however, more especially with the hybridizing and raising of seedlings that the growers are concerned. These are now raised in such quantities as seem almost incredible. I know one firm of Yorkshire orchidists who have 50,000 seedling odontoglossums in all stages of growth, from tiny, tiny things up to flowering size, and, as they are the finest crosses obtainable, there are some startling novelties to come. The same firm has also at least as many cattleya and lælio-cattleya crosses, brassocattleyas, sophro-lælias, etc. The intercrossing of these genera has been reduced to a fine art; secondary and further crosses are now common, and as the home-raised plants seem to acquire a strength and constitution not present in imported plants, as well as an ever-increasing variety of colors, I am of the opinion that the future of orchidology lies in this direction.

High Standard of Exhibits.

The fortnightly shows at the Royal Horticultural Society's hall, in London, are a revelation, for at every meeting quantities of new hybrids are exhibited and it has to be something special, indeed, that receives the coveted first-class certificate or award of merit. Many fine varieties that would have obtained these honors a few seasons ago are now passed over with little comment. So high has the standard become that it is useless to submit anything to the orchid committee that is not really at the top of its class. The certificated varieties are snapped up at once by the lovers of orchids, and a further hybridization is at once commenced with the best of each class; what the final results may be, therefore, it is impossible to imagine.

Tubes for Preserving Pollen.

There are now special tubes in which to keep the pollen until it is wanted. These tubes will keep the pollen alive and active for twelve months, and in this way the pollen of an autumn-blooming variety may be safely kept and utilized upon a flower the following spring or summer. Cypripediums have been improved almost out of recognition, as compared with their original state. Broad, flat banners or dorsal sepals are now an imperative necessity in a new variety. The coloring, also, in some of the newer hybrids is magnificent,



Eleven Flowers on One Cattleya Spike.

and it is only varieties having these improvements that are in anything like request. Vast quantities of inferior sorts are sent to the auction rooms and sold for cut flower purposes or to the amateurs every week, but anything special that goes to auction always realizes a good price and this is now a recognized method of disposing of duplicate forms from private collections, because the raising of seedling hybrids is not confined to the trade. All or nearly all the private growers are raisers of hybrids; many fine things, indeed, have been raised by these growers and are as eagerly sought for by the trade as the trade-raised ones are picked up by private growers.

Alva J. Hall.

Harrogate, England.

FINE SPIKE OF CATTLEYA.

The accompanying illustration shows a plant of Cattleya Trianæ with one spike bearing eleven flowers which bloomed during the recent holidays in the collection of J. P. Parker, Santa Cruz, Cal. The plant is still in good health, despite the tax on its strength.

Some time ago Mr. Parker had a curiosity in the way of a double-flowered Cattleya labiata in which every part was doubled, even to the pollen masses.

POTTING PALMS.

The season of enforced activity is fast approaching, and any potting or tubbing among the palms should be attended to now, or the probabilities are that in the rush of other duties the work will be laid over for another year. Always give small shifts to palms. When they are overpotted or tubbed the soil usually becomes soured and wormy before the roots can take it up, and good results are impossible when this occurs. As palms do not require shifting as frequently as many other plants, care should be taken that the drainage is good. In regard to compost, shake out the finer particles of soil and use good fibrous loam, to which may be added some bone meal and soot. No rotted manure should be used unless it is quite old and will crumble up in the hands like leaf-mold, but a good proportion of sharp, gritty sand should always be used. Always pot firmly and water with caution until the roots are actively at work in the new compost. The latanias and phœnix are rather more robust rooting than the kentias and require more frequent shifts.

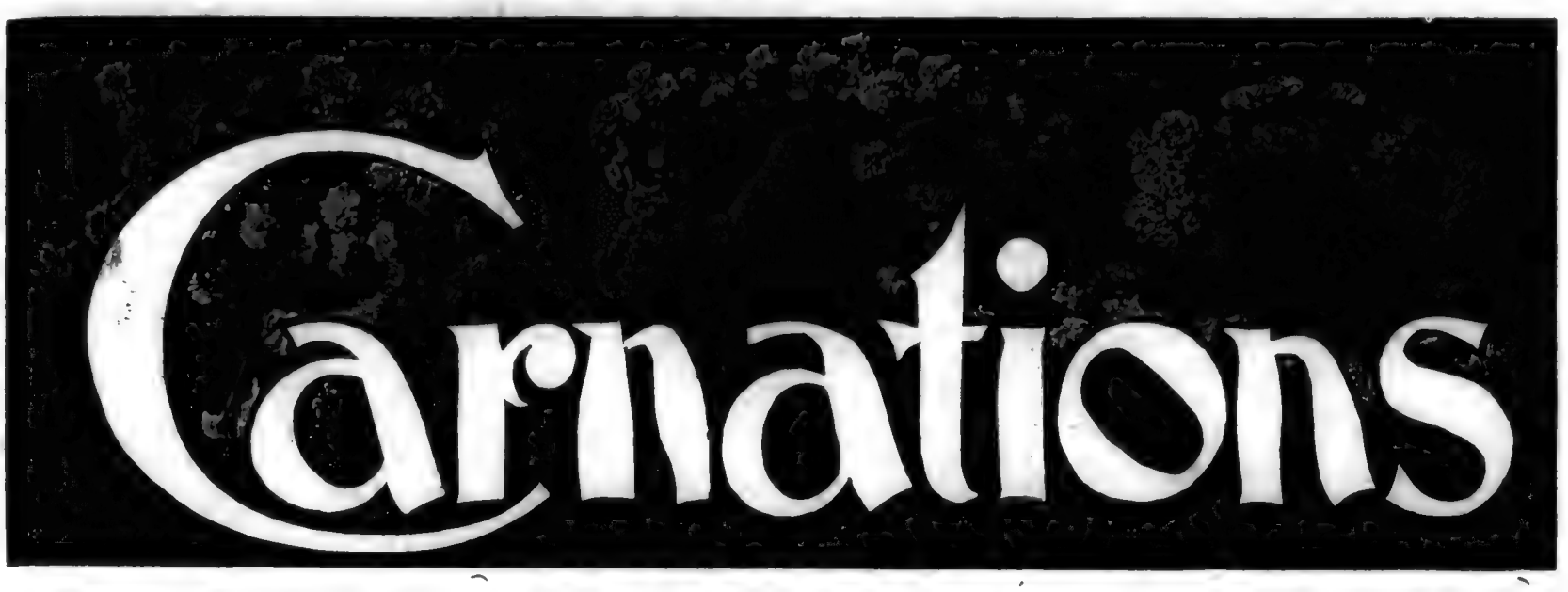
Any plants which are not to be repotted can have a top-dressing afforded them, picking away some of the old compost first. In order to keep the plants clear of scale, spray them occasionally with some insecticide that will loosen up the scales, allowing them to be sponged off clean. If this spraying is not first given, scale will be found hard to remove and too much pressure often causes discoloration of the leaves. As the sun increases in power a light shading will be necessary, even on clouded or ground glass. Otherwise the palms will lose their dark green color.

SCALE ON RUBBER PLANTS.

I have some rubber plants about 3 years old. They were doing well until this year, when they commenced to get black spots on the leaves, and the leaves commenced to crumble. Can you tell me what the cause of this is and how to remedy it? A. D.

Without having seen a specimen of the ficus leaves, it is difficult to say just what the trouble may be. There is a strong probability that the black spots referred to are black scales, insects that are not uncommon on ficus. If this surmise is correct, the safest remedy would be to sponge the leaves with a solution of Sulpho-Tobacco soap. This preparation may be purchased from any of the large supply houses.

W. H. T.



CUTTINGS DO NOT ROOT.

I am having considerable trouble with my propagating bench, especially in regard to carnation cuttings. They seem to rot a few days after being placed in the sand. I treat them in the usual way; that is, I take the slips from the flower stems and place them in damp moss for the night man, who cuts them on the slant so as to strike a joint and replaces them in moss. The following morning we put them in the sand, which has been well soaked, leveled and pounded. The sand bench is of wood, with four to five inches of sharp sand. Under the bench, closed up, are three runs of steam pipe, which are regulated with a valve at one end. On sunny, bright days I sprinkle the tops of the cuttings lightly and cover with newspaper to protect from sun and drafts. Any information as to the cause of my trouble or the remedy will be gladly received. J. P.

You are certainly not following a course which would be calculated to bring success in propagating carnation cuttings. Unless your night man is different from most of the men who are employed in that capacity, he should not be entrusted with the trimming of the cuttings. We think that our cuttings are worthy of the time and attention of the best men on our place, from start to finish. When you take the cuttings from the plants or flower stems, dip them into a pail of clear, cool water and place them in a box, covering them with paper, and set them in a cool place until you can trim them. After they are trimmed they should be stuck into the propagating sand as soon as possible.

Three steam pipes are too many under your propagating bench, especially if the front and back are boarded up. Did you ever put a thermometer under there, to see what the temperature is? Our propagating bench is against the north wall and we have under it one 2-inch steam pipe hanging against the wall. We are taking out batch after batch of well rooted carnation cuttings, four to five weeks from the day they were stuck. With this excessive bottom heat, covering the cuttings with newspapers would help to start fungus in the sand by holding in the moisture and producing a humid atmosphere. We use a muslin curtain, hung in front of the bench, and just recently we have placed another one over the top of the bench to keep off drafts which come through the open ventilators on bright days. Again, you may have some bad sand, which may be polluted in some way.

Spraying overhead is also frequently the starting of just such trouble. There is a certain happy medium in both spraying and shading, and the propagator who succeeds in maintaining it does not have any trouble in rooting his cuttings. You want to keep your cuttings fresh at any cost, but you want to do it with just as little of either shading or spraying as possible, especially the latter. Carnation cuttings, like carnation plants, do not want too much water on the foliage as long as there is no wilting.

If you have failed to root your cuttings during the last two months, you will probably not be able to root them from now on, as the conditions are not likely to be nearly so favorable. With the added strength of the sun, necessitating more ventilating, which in turn will produce drafts, even the expert often finds it difficult to get a good strike. Better buy what cuttings you need for this year and try your hand at propagating again next winter, under the most favorable conditions.

A. F. J. B.

STOCK TO GO TO EUROPE.

I should like to get some information about the packing of carnation plants or rooted cuttings for shipment to Europe. I wish to send a few carnation plants to Germany. Would it be better to ship cuttings or 2-inch plants? How would you pack them and what is the best way to ship them? How about the duty? A. V. B.

The packing of plants for shipment is a problem which bears close study and has by many of the large shippers been reduced to a science. An expert plant packer is as valuable to the plant producer as a first-class grower, for of what use is it to grow fancy stock only to ruin it in sending it to your trade?

To ship plants to Europe requires the best packing you can possibly do, and even then it is more or less of a lottery as to whether they will get through in good shape. Firms who have shipped heavily to European points agree that it is almost entirely a question of what part of the hold of the ship your boxes are stored in. If they are placed near the boilers there is little chance of their surviving the trip and I am told that this frequently happens. There seems to be no guarantee by the transportation companies that this will not happen.

Many thousands of carnation cuttings are shipped over right from the cutting bench, usually by parcels post. If shipped this way, use a waxed or glazed paper to wrap them in. Put only about ten plants in a bundle and see that the moss does not come up higher than the base of the cutting, where the roots start. The moss does not need to be more moist than if you were shipping them on a three days' journey. When placing them in the box, use plenty of fine excelsior between the bundles. This is to keep from having too much foliage in a bunch. You will also find it a good plan to dust a little sulphur or Grape Dust among the foliage as you wrap the cuttings.

Before packing up the cuttings, make inquiry as to the leaving time of the ships which carry this kind of freight, so you can start your shipment at the proper time to meet the ship, else they may lie around the docks several days.

Your custom-house officials will gladly furnish you all the information you want regarding the duties imposed by the different nations in Europe; also the rates for transportation, etc.

Plants from pots can perhaps be hardened off a little more than the cuttings and would therefore stand a little more hardship. Shake all the soil from the roots and pack as recommended for the cuttings. A. F. J. B.

THE WORRY ENDED.

Relative to carnations, we have been growing them for more than fifteen years, making them our specialty, and have always carried out the general instructions to use cow manure, but have lots of trouble with a living fungus which starts in the soil from lumps of the manure and spreads rapidly through the bench. This seems to stop as the cold weather comes on. We are also troubled greatly in our section with eel or earth worm, which seems to spread and thrive better in cow manure than any other kind.

Last season we found it difficult to procure the cow manure and decided to try pulverized sheep manure, which we did. We had a heavy, sandy loam soil and put on 800 to 1,000 pounds of the manure to the house, 20x80 feet. The results were all that we could ask. We have many thousand plants in the finest condition, producing the finest flowers. We will not worry about cow manure any more for carnations.

J. L. O'Quinn & Co.

GERMAIN SEED & PLANT CO.

The accompanying illustration shows the remodeled interior of the Germain Seed & Plant Co. store, Main street, Los Angeles, Cal. This is one of the oldest established businesses in California, but one that is constantly kept young by up-to-date methods and sound business policy. As will be noted, the store is both roomy and well arranged, and all other departments are similar. The offices are on the second floor and equipped with every appurtenance to aid in this end of the business, while the windows are famous all over the state for the excellent displays constantly kept up. Seed store windows are too often uninteresting and ugly, but those of the Germain Seed Co. would do credit to an up-to-date department store, and form a splendid advertisement. H. R. R.

NOTES ON GLADIOLI

GLADIOLUS PRIMULINUS.

For fifty-two years I have grown the gladiolus, and most of the time has been devoted to the task of trying to improve it. In my younger days there were practically no books to guide the beginner and I had to work out the problems the best way I could. Some of my boyish efforts would make a botanist smile. However, the knowledge gained, that some things can not be done, has paid; also, that some things said to be impossible can be done has been more satisfactory. For instance, scientific men say that the gladiolus can not be crossed with flowers of a different species. Now, I have proved, to my own satisfaction, at least, that they can. There are several species of flowers that will hybridize the gladiolus and cause it to bear fertile seed. The tigridia, the ixia and montbretia, all these will fertilize the gladiolus. To be sure, the progeny is utterly and entirely worthless from anything but a scientific standpoint, and, I may remark, it does not pay for the time spent. I will also add that it is not worth while for the grower to spend his time crossing the species; or to cross the wild on the domestic, or cultivated gladiolus. The results seldom pay for the effort. In the beginning I made this mistake, and it took a good many years to find out that I was harking on the wrong track. The beginner in breeding gladioli had better take the best cultivated varieties he can get for his seed stock, and leave the species alone.

Now, concerning the Primulinus, when this was first discovered I was fortunate enough to get one of the original bulbs. This did not come up until late, and did not bloom, but made two small bulbs. Fearing these might not bloom, I wrote Dr. Van Fleet, who kindly let me have a bulb, making three, which all bloomed. These were pollinated from Princeps, and some of my big seedlings, and I got a tidy lot of the largest and plumpest seed that I ever saw. This was planted and came up fully ten days before other seed planted at the same time. The seedlings kept ahead all summer and made a nice lot of the best seedling bulbs that I ever grew, almost all of which bloomed the next year. The flowers were a surprise and delight, being so entirely different and distinct from all others. There were not many colors, being mostly shades of red, rose and pink, all having great yellow throats, but the colors are delicate and beautiful. For all their delicate appearance they are tough, standing the hottest sun and heaviest rain and wind, coming up smiling after the worst storms. No gladiolus is better in this respect. The flowers are rather small when compared with the new giant varieties, although I have several 4-inch and 5-inch sorts. I have not as yet succeeded in getting any pure yellows among them, and I do not know of anyone who has; but pure yellow is bound to come, for gladioli will breed back to their grandparents or great-grandparents. This I found out long before I ever heard of Mendel and his law.

I have a white gladiolus that I will challenge any man to tell from the White Lady, yet it is only one-quarter of the blood of that variety. It was this fact that made me take the Primulinus for a foundation, as there is a scarcity of really good yellows at the present day. Whether I shall succeed or not is a question, but if I do not, some one else will, for a lot of good yellows are certain to come from the Primulinus, sooner or later.

These hybrids are not popular with the florists, on account of not having enough flowers open at a time, and the habit of the flowers in looking downward. For the amateur they are fine, as they last a long time in bloom, either when cut or in the garden. A vase of the cut stalks is a thing of marvelous beauty.

This matter of breeding gladioli to satisfy the demands of the florists' trade has been carried too far. The result is that we have, with few exceptions, a great lot of varieties the principal merit of which is that they have a lot of the flowers open at once, and increase rapidly. Now, these characteristics are not the best by any means. We often see in a flower store window gladioli wadded together in a bunch, having no more grace or beauty than a bunch of asparagus on the market man's table. It gives me a pain, but I do not know who is to blame for it. A gladiolus, to be valuable, should last a long time. A variety that stays in bloom two weeks is far better than one that lasts only three or four days. Three flowers of the Princeps, and many of its seedlings, make more show than eight or ten flowers of the com-



Store of the Germain Seed and Plant Co., Los Angeles, Cal.

mon market varieties, and will stay in bloom three times as long.

Later on I may say more on this subject, as I think it up to the breeders and growers to set this matter right. A full and free discussion ought to do good, and for that reason I would like to hear the opinion of others.

B. F. White.

OPENING FROZEN VENTILATORS

How do greenhouse men generally manage ventilators in extremely cold weather? It is often necessary to raise them when they are frozen fast. How are they loosened most readily? Then, when they are to be closed, they are coated with ice and can not be closed tightly. How is this ice to be removed?

T. H. S.

The first thing needed to open a ventilating sash which has become frozen down is strong and powerful ventilating machinery, and this should be handled so as to have the least possible trouble from ice. This will be lessened if the lower end of the ventilating sash has only a narrow bearing upon the header. On cold mornings, when the sashes have frozen down, it is best not to hurry too much about opening the ventilators, as it does not take long for any ice which has formed under them to melt. Ordinarily there will be little trouble from ice in houses which are kept above 50 degrees, but if it becomes necessary to lift sashes which remain frozen it can generally be accomplished by the use of a chisel or steel bar, if it is not found feasible to raise the temperature and thus melt the ice.

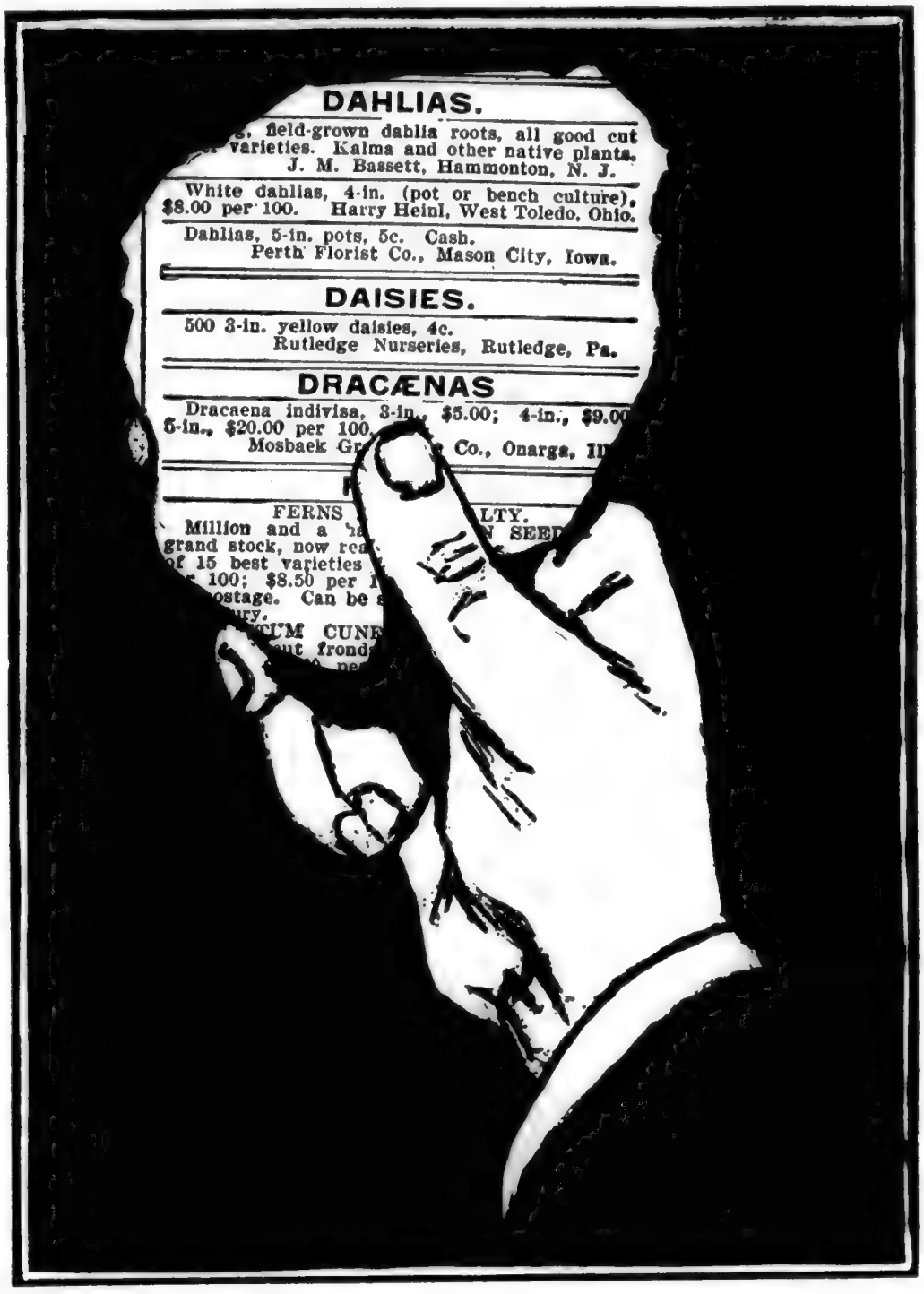
The trouble is likely to be greater in closing ventilators upon whose lower edge icicles have formed. If the icicles are large they may be broken off with a pole and the sash can then generally be brought so near the headers that the remainder of the ice will be melted by the warm air which escapes through the crack, in all except the coolest houses, where, if there is danger that the temperature will drop too much, the ice may have to be cut away with a chisel.

TOO COOL FOR SPRENGERI.

Enclosed herewith, I am sending you a plant of my Asparagus Sprengeri. These plants were seedlings two inches high, with one small bulb, when planted in the benches last August. They have apparently made no growth excepting to grow bulbs. The compost used is one-fourth well decayed cow manure and the rest rather heavy soil. Any new shoots that grow are not long and feathery, but short and stubby. There are some little green bugs on the new shoots and I have been using Nicoticide. Would the new shoots do better if the old ones were cut or trimmed out? Please inform me what is wrong and what can be done to improve the growth. The plants are in the side benches of a carnation house, with a temperature of 48 to 50 degrees at night. M. P.

So far as one may judge from the description given, the compost is one in which Asparagus Sprengeri should make more growth than is indicated by the specimen, but the chief cause of the slow progress in this case is the low night temperature. Carnation temperature is too low for this plant, for it requires a night temperature of 55 to 60 degrees. If space is available, it would pay to transplant the asparagus to a bench in a warmer house. W. H. T.

These Are the Little Liners That Do the Business



ELECTRICITY TO AID GROWTH.

Please give whatever information you can on the use of electricity for growing plants. W. G.

Numerous experiments have been carried on with electric lights to determine their effect upon the growth of plants. The results appear to indicate that the growth of the plants is hastened, especially the development of the stems and leaves. The results are less satisfactory with plants grown for their flowers.

Experiments to determine the results from the direct application of electricity either to the soil or to the plants, or both, have been tried. Galvanized wires are placed in the ground and other wires are stretched overhead. From the overhead wire, wire chains are suspended at frequent intervals. The wires are connected with the poles of a high voltage electrical machine. Tests of the effect of electricity applied in this way have been made both in greenhouses and for the growing of field crops, with results that are promising, and it is possible that the use of electricity for hastening the development of greenhouse and truck crops will soon be shown to be a commercial success where cheap power can be obtained.

SPANISH IRIS.

We are thinking of trying Spanish iris another year for cut flowers for the local and Boston markets. Could we flower them in January? Any information on this subject would be most welcome. Would like to hear from some one who has tried them. F. C.

You can not flower Spanish iris before the middle of March. They can not be subjected to hard forcing and should never have a higher night temperature than 48 degrees to 50 degrees. Spanish iris is excellent for spring flowering and the cooler it is grown the better it will be. It should be grown in flats containing four to five inches of soil, kept in a cool pit after planting and housed in batches as wanted. They are also satisfactory bulbs to plant outdoors in late fall and

are perfectly hardy. They flower outside in your section from June 10 to 25 and are grand for cutting C. W.

OBITUARY.

John Sell.

John Sell, head gardener at the Garfield Park conservatory, Chicago, and an expert on plant life, died February 14 at his home, 3723 Colorado avenue. For forty years he had been gardener in the employ of the West Park commissioners. He was born in Chicago sixty years ago and began working for the West Park commissioners at the age of 20. He made the conservatory under his direction one of the most noted in the world. The funeral, which was held February 16, was attended by many of the city's park employees. The burial was in Forest Home cemetery. Mr. Sell is survived by his wife and four sons.

William Graff.

William Graff, of Columbus, O., died at Grant hospital in that city Friday afternoon, February 16, following an operation performed February 11.

Mr. Graff had been ill for some months. Less than a year ago he underwent an operation for appendicitis and for a time enjoyed good health, but during the winter his trouble returned. At the end of January he made a visit to West Baden, but grew worse instead of better and made a trip to Chicago to consult a specialist, who advised him to return home and have a second operation. This he did, but he never rallied, though for several days it was thought he had a fighting chance for life. The end came suddenly.

William Graff was 49 years of age, of Russian Jewish parentage, and had spent practically his whole life in the flower business. As a boy he sold flowers from a basket on State street, in Chicago, steadily extending the scope of his operations until he became one of the important buyers in that market. It was about nine years ago that he saw a good opening at Columbus and removed there. For several years the firm was Graff Bros., a younger brother, Sam, having a share in it, but about three years ago Sam removed to Seattle, where he went into business. The Columbus store still was run under the firm name, but William Graff was the owner. He had many friends and did a large business and was decidedly prosperous, for his word was good wherever he was known. He was married shortly after locating at Columbus and besides his widow he leaves two sons, Adolph and Morris Graff; his mother, Mrs. Anna Graff, and two sisters in Chicago; a brother, Samuel Graff, and a sister, Mrs. Matilda Landfeldt, both of Seattle, Wash. Mr. Graff was a member of the Masons and the Elks.

Burial was in Green Lawn cemetery, Columbus, following funeral services at the residence, 386 Luckhaupt avenue, Tuesday afternoon, February 20. There was a large attendance, a number of florists from Chicago being present. The flowers filled the room.

William A. Bilger.

William A. Bilger, of Lebanon, Ind., died February 13, at the Runnels sanitarium, Indianapolis, following an operation February 5. He was 50 years of age. The diagnosis of his case disclosed that he had been suffering from tuberculosis of the kidneys. Although he had been in poor health for an extended period, his critical illness was of only three weeks' duration.

He was born in Pennsylvania June 20, 1861, and was married October 1, 1896, to Agnes Martin. He removed to Lebanon seventeen years ago. He operated greenhouses in Lebanon for many years, after which he left the city, returning within the last year to assume the management of the Oak Hill greenhouses. He was a member of Ben Adhem Lodge, No. 472, I. O. O. F., Winnebago Tribe, No. 36, I. O. R. M., Winnebago Haymakers' Association, No. 36½, and Narramath Council, No. 10, D. of P., all of Lebanon. He is survived by Mrs. Bilger and by a half-brother, Louis Bilger.

Harry Terry.

Harry Terry, head gardener for R. H. White, Newton, Mass., died February 15 at the Newton hospital, where he had gone for an operation, his death occurring before an operation could be performed. He was in his forty-third year and leaves a widow and three children. Mr. Terry was formerly gardener for Miss Bradley, of Hingham. He was an excellent grower and much esteemed by all who knew him. He was an Englishman by birth. At the funeral services, from his late home February 18, many members of the craft attended, including a delegation from the Gardeners' and Florists' Club of Boston, of which the deceased was a highly respected member.

Mrs. M. C. Ebel.

February 17 occurred the death of Mrs. M. C. Ebel, of Madison, N. J. She was the wife of the secretary of the National Association of Gardeners, who also is the president of the Aphine Mfg. Co., of Madison.



The Florist Bowlers of Omaha and Council Bluffs.

BUSINESS TROUBLES.

Ernest Glauser, Toledo, O., has filed a voluntary petition in bankruptcy, scheduling liabilities of $1,902.13 and assets of $825.

Schedules in the assignment of the John Young Co., with office at 54 West Twenty-eighth street, New York, and greenhouses at Bedford Hills, show liabilities of $31,246, nominal assets of $60,000 and actual assets of $4,000.

Jesse E. Clark, of Clintonville, O., has asked the common pleas court to terminate a partnership between him and William S. Nye, which was formed last November for the purpose of operating greenhouses and growing lettuce for the northern markets. A receiver also is sought. Mr. Clark charges that his partner has misappropriated a part of the funds of the partnership.

Edwin B. Koenig, assignee for the Smart Set Floral Co., 2297 Broadway, New York city, will sell the personal property at public auction at noon, Wednesday, February 28.

Alfred Whitney, Conneaut, O., has filed a petition in bankruptcy. The petition states that he owes $867, but the exact amounts of liabilities and assets are not reported.

Stewart C. Baker, Syracuse, N. Y., has filed a petition in bankruptcy. He shows in his schedules twenty-two creditors, whose claims aggregate $1,839, and assets of $156, which are exempt. Among the creditors is his former partner, R. S. Truair.

IXIAS.

Are ixias worth growing? When is the time to start them? Are they a tender or a hardy bulb? Would like to hear from some one who has tried them. F. C.

Ixias are a more tender bulb than Spanish iris and succeed best in 5-inch or 6-inch pots or pans in a cool greenhouse. They should be potted as soon as the bulbs arrive, usually about the last part of September. You will find cultural notes on these, also tritonias, babianas and sparaxis in The Review each fall. C. W.

Syracuse, N. Y.—Bellamy Bros. are planning to cover their vacant land with glass to take care of the new seedling white carnation which they are jealously guarding at present. It is said to be a gem and will make its debut next season.

NEWS, NOTES, AND COMMENTS

New Bedford, Mass.—E. H. Chamberlain has returned from a vacation of five weeks, spent in the south.

Ogden, Utah.—Misses Elizabeth Huth and Alberta West have opened The Flower Shop in a part of the Badcon pharmacy.

Denver, Colo.—N. A. Benson has taken out a building permit for a range of greenhouses, the cost of which is said to be $10,000.

Murphysboro, Ill.—Fire caused by an overheated furnace recently caused $350 damage to the greenhouses of J. E. Null during the absence of the owner.

Jacksonville, Fla.—Mr. and Mrs. Charles Mills recently celebrated their thirtieth wedding anniversary. Mr. Mills is an alderman as well as florist.

Pittsfield, Mass.—Last spring Rudolph Mauersberger leased the old Waring greenhouses and now has them in fine shape. He calls the place the Holmes Road Greenhouses.

Fort Wayne, Ind.—Frank J. Knecht has just bought nine lots at Fairfield and Agnes avenues and was at Chicago to order material for six greenhouses. He was for a long time foreman for W. J. & M. S. Vesey.

Moline, Ill.—The firm of Peterson & Eckstam Bros. dissolved partnership last week and from this time on will be known as Eckstam Bros. They still have the same quarters at 540 Tenth street and will handle all lines that they have in former times.

Jacksonville, Fla.—The New York Florists, who have been located for some time at 204 Hogan street, have removed to 217 West Adams street, to a store which was especially built for their business. Mr. Davis is building his own greenhouses, where he will grow most of his flowers.

Cold Spring, N. Y.—J. S. Cunningham has an especially clean lot of Lilium Harrisii and states, as a reason, that the plants are grown at an even temperature and are not watered overhead. This method is being adopted by several growers, with success. He has some large planting contracts for the coming season and predicts a busy spring.

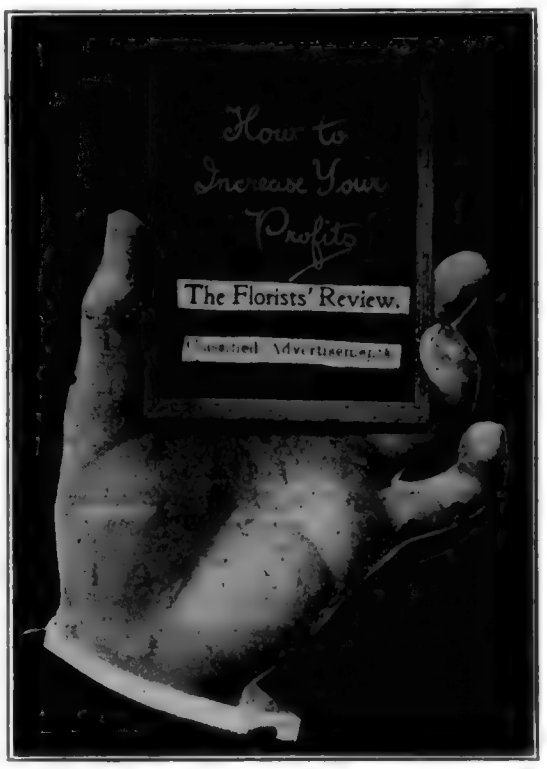
College Point, N. Y.—Golsner Bros. have sustained a serious loss in three houses of carnations and one house of callas, caused by escaping illuminating gas from a main some distance away. The leak was not discovered until practically the whole crop was ruined and the plants were so affected that only an extremely late crop will be secured. The question of the payment of damages is under consideration by the gas company.

Bristol, R. I.—The greenhouses of F. A. Geisler, on Mount Hope avenue, were completely destroyed by fire on Saturday night, February 10. The loss is partly covered by insurance.

Auburn, Ind.—C. M. Ten Eyck & Son are planning to make extensive improvements at their greenhouses during the coming summer. Another house or two will be built and a new boiler will be installed.

Benton Harbor, Mich.—C. H. Maynard and wife, of Detroit, have bought a place of five acres just outside of town and will raise chickens. Mrs. Maynard is widely known as the secretary of the Ladies' S. A. F.

Clayton, Mo.—Anthon Bros. are said to have four of the best houses of carnations in this vicinity and they are contemplating an enlargement of their glass area. They ship all their output to the W. C. Smith Wholesale Floral Co., St. Louis.



New Haven, Conn.—Charles Munro has begun the holding of regular Saturday sales at his store, 974 Chapel street, and has announced the fact in the local newspapers, stating that at each sale he will "specialize in some particular flower at a reduced price."

East Peoria, Ill.—The published reports in regard to the recent damage by fire at the Williams greenhouses were inaccurate in their reference to H. E. Mitting as manager. Mr. Mitting is owner of the stock and proprietor of the business, not simply its manager. The houses are owned by H. W. Williams, but are leased by Mr. Mitting.

Hampton, Ia.—The Curtis Floral Co., of this city, has opened a branch store at Eagle Grove.

Blue Mound, Kan.—Mrs. Arthur Foster has a splendid lot of advance orders booked for outdoor work in the spring.

Xenia, O.—The greenhouses and home of Mrs. George Engel, on Dayton avenue, have been purchased by Edward Lampert and his father-in-law, Elmer Hamma.

Louisville, Ky.—William Walker, whose store at 326 West Jefferson street was destroyed by fire January 31, has secured new quarters at 615 Fourth avenue, where business is proceeding almost as though nothing had occurred.

Duluth, Minn.—Edward P. Kreimer and Oliver J. Eischen recently published a unique advertisement in a local daily. It was a five-column picture of the store, with text designed to repel the Greek invasion.

West Hartford, Conn.—Mr. Peterson, grower for Miss H. F. Whiting, is quite successful with Lilium Harrisii and believes it can be profitably grown. A house of Bride and Maid are still grown for patrons who prefer these roses. Killarney and Richmond are companions, all grafted stock.

Findlay, O.—Miss Lauretta Miller has discontinued the Findlay Floral Store, at 610 South Main street, and has associated herself with the City Greenhouse Co., on Larkins street. She has moved the equipment of her store and will continue in the flower business. The Findlay Floral Store was opened about a year ago.

Muncie, Ind.—H. J. Potomkin, who last July purchased greenhouses containing 10,000 square feet of glass, on the Studebaker pike, is growing vegetables for the wholesale market, with lettuce as a specialty. He expects to return later, however, to the growing of roses and carnations, the work in which the greater part of his life has been spent.

Toledo, O.—Miss Helen F. Patten, the Madison avenue florist, was recently victimized by the use of a worthless check. Probably the swindler would not have been successful, however, if his tactics had not been a little different from those commonly employed. He ordered flowers to the amount of $1.15 and requested that they be sent to a certain address C. O. D., with change for $10. When the flowers and change were sent by a boy, the latter was met in front of the house by the man, who took the box of flowers and $8.85 and gave the messenger a check for $10.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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J. Austin Shaw, Manager.

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SOCIETY OF AMERICAN FLORISTS.
Incorporated by Act of Congress, March 4, 1901.
Officers for 1912: President, R. Vincent, Jr., White Marsh, Md.; vice-president, August Poehlmann, Morton Grove, Ill.; secretary, John Young, Bedford Hills, N. Y.; treasurer, W. F. Kasting, Buffalo, N. Y.
Annual convention, Chicago, Ill., August 20 to 23, 1912.

RESULTS.
We give them. You get them.
We both have them.

To do business without a printed letterhead is to raise a question of one's own standing.

Carnations have been in full crop for some days and the rose crops are not far away. It is high time plans were being made for the spring campaign.

Not a few subscribers save themselves the bother of annual renewal by sending The Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

Having raised $450 by popular subscriptions of $2 each, the Fred Dorner Memorial Committee of the American Carnation Society now is accepting sums of $20 from enough subscribers to bring the fund to $1,000, the interest on which is to be used to offer a medal each year.

No one, no matter what branch of the industry he is engaged in, likes to turn down late orders merely because they are inconvenient, or must be executed without profit; but, on the other hand, one would not as a rule wish his stock and service to be judged by what can be done on orders received late. Still, we all put off till the last possible moment doing the things we know we shall wish to do in the end. Nothing is lost by giving the men we patronize a little time for their part of the work.

THEY HAVE BEEN SHOWN.

It is quite the usual thing for subscribers, in renewing, to write a word or two regarding the satisfaction their paper is giving, like this:

Herewith is the dollar to pay up for another year's subscription. The Review is a hustler and every florist needs it.—Alfred Englemann, Maryville, Mo., February 16, 1912.

After reading which it is right in line to find the following from an advertiser in the next letter opened:

Your paper has brought me good returns with orders.—James Wheeler, Natick, Mass., February 14, 1912.

SOCIETY OF AMERICAN FLORISTS.

Meeting of Directors.

I have been instructed by President Richard Vincent, Jr., to notify the directors of the S. A. F. to meet in Chicago March 13, at 10 a. m. The hotel where the meeting will be held will be announced later. The meeting is called for the purpose of making arrangements for the next convention, which is to be held in that city in August, and to transact any other business that may come properly before the meeting.

At this meeting of the board of directors, all arrangements, rules, rates, etc., will be made for the next convention, and immediately after this meeting I will send out full particulars, diagram, etc.

I publish this notice in reply to the many inquiries I am receiving regarding space. To the members outside of New York city I would say that if your secretary can be of any service to you in New York, do not hesitate to make any request. I will carry out any commission to the best of my ability.

John Young, Sec'y.

THE ILLINOIS ASSOCIATION.

The Illinois State Florists' Association will hold its seventh annual convention and trades' display at Masonic hall, Joliet, March 5 and 6. The program is as follows:

TUESDAY, MARCH 5,

Afternoon Session, 2 P. M.

Introductory Remarks—W. N. Rudd, Morgan Park.
Address of Welcome—Hon. Edmund A. Allen, Mayor of Joliet.
Response—George Asmus, Chicago.
President's Address—C. L. Washburn, Hinsdale.
Report of Secretary—J. F. Ammann, Edwardsville.
Report of Treasurer—F. L. Washburn, Bloomington.
Report of Advisory Committee, Illinois Floriculture Experimental Station—W. N. Rudd, secretary, Morgan Park.

Evening Session, 7:30 P. M.

Report on the Work at the Experimental Station—H. B. Dorner, Urbana.
Unfinished Business.
New Business.
Question Box.
Nomination and Election of Officers.
Adjournment.

WEDNESDAY, MARCH 6.

In the hands of Joliet florists.
Luncheon at noon at the greenhouses of the Chicago Carnation Co.

Peter Olsem is in charge of the exhibition, which is expected to be the largest yet held.

CHICAGO.

The Great Central Market.

For the week intervening between St. Valentine's day and the advent of Lent, business has been decidedly active, but the activity has not been sufficient to firm up the prices on the lines that have been weakening. Roses have come in a little more plentifully, but not in such quantity that prices have been affected. Beauties are in unusually small supply, and short roses such as can be used for funeral work also are extremely scarce, though they are not in as great demand as before carnations and bulbous stock were so cheap. The supply of the medium to long grades of Killarney, White Killarney and Richmond is equal to the requirements, since there are many more buyers who limit their price to 8 cents than there are who are willing to pay from 10 cents to 15 cents per rose.

Some of the carnation growers are cutting heavily, while others have only inconsiderable crops. The result is that some houses find themselves with few carnations, while others have at least an abundance; consequently, there is considerable variation in the reports as to the situation in the carnation market. The general quality of the stock is first-class and there has been an improvement in the shipping quality since the weather has become mild enough to permit the growers to ventilate freely. Following the severely cold weather of the first six weeks of the year, the daily temperatures now are running considerably above normal, bringing along carnations rapidly and hastening production in all other lines, though the effect on roses has not yet been specially apparent. The special sales people are operating in carnations and violets.

Bulbous stock is coming in quite heavily, but has sold fairly well at

We Have a Big Crop of

CARNATIONS!

Fancy Stock—All Colors

We are on with a cut of Carnations that is of importance to every buyer in the Chicago market. It solves all difficulties as to supply and price. The crop is so large that we are able to quote a low price in spite of the fact that quality is right up to the best midwinter standard. All the leading varieties in each color. Now is the time to push Carnations. Glad to quote special prices on special quantities.

FANCY SWEET PEAS

Long-stemmed stock, all colors

These are fine Peas—no better ever were offered at this season of the year—the best winter-blooming varieties done to perfection. These Peas have made a hit the last two winters, and our growers increased the supply for this season. We ship fresh from the vines, putting the stock in your hands with all its first fragrance. **Can supply in quantity.**

Lily of the Valley

Valley is one of the items no Retailer can do without. We **always** have it, but why not place a standing order for a certain quantity to be shipped daily, or every other day? You never lose Valley—why not have it on hand?

Violets

We handle the Cream of the Crops, both double and single. Make money by pushing Violet Corsage Bouquets.

Cattleyas

Our orchids are home-grown, and you always get your orders filled if you place them with us.

Killarneys

The quality of our Killarneys is the talk of the town—and we have quantity, too, but most of them are select and special lengths.

Beauties

We never are without Beauties. Your orders always will be filled if you send them here. All lengths of stem and best quality.

All Bulb Stock in Large Supply

FANCY GREENS ALWAYS ON HAND

We have a complete line—the best

Current Price List

ORCHIDS	Per doz.
Cattleyas	$5.00 @ $6.00
Dendrobiums	6.00

AMERICAN BEAUTY	Per doz.
Extra long stems	$6.00
Stems 30 to 36 inches	5.00
Stems 24 inches	4.00
Stems 15 to 20 inches	$1.50 @ 3.00
Short.....per 100, $6.00 @ $10.00	

ROSES	Per 100
White Killarney, special	$15.00
" " select	$10.00 @ 12.00
" " seconds	6.00 @ 8.00
Killarney, special	15.00
" select	10.00 @ 12.00
" seconds	6.00 @ 8.00
Richmond, special	15 00
" select	10.00 @ 12.00
" seconds	6.00 @ 8.00

Extra special roses billed accordingly.

CARNATIONS	Per 100
Common	$1.50 @ $2.00
Select, large and fancy	3.00 @ 4.00

MISCELLANEOUS	Per 100
Violets, New York double	$0.50 @ $ 0.75
" single	.50 @ .75
Sweet Peas	.75 @ 1.00
" " spring bloomers	1.50 @ 2.00
Easter Lilies	12.50
Callas.....per doz., $1.50 @ $2.00	
Valley, seconds	2.00
" select	3.00
" special	4.00
Daisies	1.00 @ 2.00
Paper Whites	3.00
Romans	2.00 @ 3.00
Mignonette	6.00 @ 8.00
Jonquils	3.00 @ 4.00
Daffodils	3 00 @ 4.00
Freesia	2.00 @ 4.00
Tulips	3.00 @ 5.00

DECORATIVE	
Asparagus Plumosus..per string,	.50 @ .75
" " ..per bunch,	.35 @ .50
" Sprengeri.. "	.25 @ .50
Adiantum, fancy, long....per 100,	1.00 @ 1.50
" medium..... "	.50 @ .75
Smilax .....per doz.,	$2.00 15.00
Mexican Ivy.....per 1000,	6.00 .75
Ferns..... "	2.50 .30
Galax..... "	1.25 .15
Leucothoe Sprays	.75

Store open from 7 a. m. to 6 p. m.
Subject to market changes.

E. C. AMLING CO.

The Largest and Best Equipped
Wholesale Cut Flower House in Chicago

68-70 E. Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central.

OUR Rose Crop IS ON

WE can supply you. Prices down.

Our growers always lead in Rose production. We always have our crops ahead of others—and quality always is the best in the market. We now offer **good cuts of Killarney, White Killarney and Richmond** at prices that will be welcome after what roses have commanded the last few weeks. All lengths of stem. Send along your orders. We will fill them to your more than satisfaction. Or write us about your needs.

WESTERN HEADQUARTERS FOR FANCY CATTLEYAS

Our Cattleyas should not be confounded with the ordinary stock found in the cut flower markets—**it is much finer** than what is ordinarily offered. Splendid, large flowers, highly colored—a quite superior quality. And we have quantity.

LILIES
Giganteum Rubrum Auratum

There is no flower now in market that makes as big a show for the money as these Giganteums do. We can supply in thousand lots as easily as by the dozen. Glad to quote special prices on quantities.

CARNATIONS

We handle more Carnations than any other house in the west and do a very large shipping business with them because **the buyers know our stock will carry.** If you are not quite satisfied with the stock you are getting, it will pay you to write us about it. **Let us quote on quantities.**

VIOLETS
Princess of Wales Marie Louise Californias

We are able to supply all the popular varieties in quantity and the season of large crops, fine quality and low prices is here. From now till Easter is the best time for pushing Violets. You push them; we supply you.

WHITE LILAC

The only supply in the west. Extra fine stock.

FANCY FREESIA

This is **PURITY,** the long-stemmed, pure white Freesia.

SWEET PEAS

We can furnish nice, long-stemmed Peas in all colors.

VALLEY

Always headquarters for the finest cut Valley—any quantity.

A. L. Randall Co.

Everything for Florists, L. D. Phone Central 1496 Private Exchange all Departments **66 E. Randolph Street, Chicago**

moderate prices. Easter lilies are more abundant. Callas have cut little figure this season. Mignonette is a less important item than formerly, and only small quantities of antirrhinums and stocks have thus far arrived.

The corsage flowers have come into prominence, for the leading stores everywhere are pushing corsage bouquets. Violets were left on hand after the St. Valentine's day demand had been satisfied and the market has been depressed continuously during the week that followed. Cattleyas continue in large supply, the accumulation being sold cheaply when a buyer comes along who will take large quantities. There now are quite a number of buyers who order hundred lots and several who use in much larger quantities when they can have a hand in fixing the prices. Valley continues abundant, but probably will advance within the next few days, since the growers do not plan on much of a crop during Lent. Gardenias are in light supply in Chicago, but are being received in quantity from the east, where prices are low. Sweet peas have become one of the most popular items. Pink is the color most wanted; whites sell slowest. There are as many grades as there are growers, much stock being seen with extremely short stems, with a constantly diminishing quantity as the stems are graded for length.

Green goods are quiet. Mexican ivy is possibly the best seller. Boxwood has fallen into an inconspicuous place. The ferns require a great deal of picking over.

Lent has arrived and is expected to cause a temporary halt; but Lent is not the factor it once was and the consensus of opinion is that after a few days its effect will not be apparent.

Carnations De Luxe

Largest blooms, longest stems, best keeping qualities and plenty of them.

Extra large, fancy .....$3.00 per 100
Choice, strictly fresh..... 2.00 per 100

All seasonable Cut Flowers, Greens, etc., at lowest market prices.

Chicago Carnation Co.

A. T. PYFER, Manager

30 E. Randolph Street, :: CHICAGO

Mention The Review when you write.

The Spring Show.

The final premium list is being mailed this week for the show that opens in the Art Institute, March 12. A new class has been added, for the best display of sweet peas, silver and bronze medals being offered for first and second prizes.

Richard Vincent, Jr., president of the S. A. F., with the approval of Charles H. Totty, chairman of the National Flower Show committee, has authorized the offering of the S. A. F. silver and bronze medals at the Chicago show for plants or flowers of American origin.

The executive committee of the Horticultural Society has decided to invite the directors of the S. A. F., who will be in session at Chicago during the flower show, to act as a jury of awards in judging all competitive classes.

An appropriation of $250 has been made for retail florists' exhibits, inclubing table decorations, and its distribution, to be in non-competitive awards, has been placed in the hands of a committee consisting of George

You all recognize this label

It is on the best brand of Florists' Picks.

HERE IS A BARGAIN

This week's special (good to February 29) is one that every florist can take advantage of. Every florist uses toothpicks—as necessary as the flowers themselves in making designs. You all know the No. 1 B, double-pointed hardwood picks are the best for your purpose—universally used and **never before sold under $4.50 to $5.00 per case** (usually catalogued at $6.00). We have just made a purchase of 100 cases that we offer to February 29, but subject to being sold on receipt of order, at the **unheard of price of $3.65 per case of 100 boxes.**

Customers having orders for these goods placed with us for later shipment are invited to take advantage of this special offer by having the shipment go forward at once.

All EASTER SPECIALTIES at Lowest Prices consistent with Quality.

DOUBLE POINTED
Wood Tooth Picks,
1 Patented June 2, 1863, and April 26, 1864 B
TRADE C. T. Co. MARK.
All genuine Picks have Patent dates, as above, on each box.

$3.65 per case
(100 BOXES)

Offer good only to February 29, subject to prior sale of the lot, which consists of 100 cases.

ST. PATRICK'S
Carnation Dye—the kind that makes the true Emerald green.
Pint, 50c. Quart. $1.00.

A. L. Randall Co.

Everything for Florists, L. D. Phone Central 1496 Private Exchange all Departments 66 E. Randolph Street, Chicago

PERCY JONES

Not the Oldest
Nor the Largest
Just the Best

56 E. Randolph Street
CHICAGO

Mention The Review when you write.

Asmus, Carl Cropp and D. A. Robertson.

Various Notes.

The Fleischman Floral Co., on Jackson boulevard, this week is celebrating its twelfth anniversary and advertising it after a fashion that has been the principal subject of discussion in the market. The sum spent for advertising is more than most stores expect to take in this week and the prices quoted leave the average buyer little room for profit. Altogether it is a proposition that produces as many views as there are florists.

N. J. Wietor, Geo. Asmus, William Kidwell, Harry Lubliner and Joe Trinz were at Columbus, O., February

WESTERN ORCHIDS

Chas. W. McKellar, 162 N. Wabash Avenue, CHICAGO

Headquarters

CURRENT PRICES

ORCHIDS			
Cattleyas, Trianae	Per doz.,	$ 4.00 @	$ 5.00
" "	Per 100,	30.00 @	35.00
Dendrobium Formosum, white	Per doz.,	5.00 @	6.00
Boxes assorted Orchids, $5.00 and up.			
AMERICAN BEAUTY—Specials,	Per doz.,		5.00
36-inch	"		4.00
30-inch	"		3.00
24-inch	"		2.50
20-inch	"		2.00
15 to 18-inch	"		1.50
Shorter	"	.75 @	1.00
Killarney	Per 100,	5.00 @	12.00
White Killarney	"	5.00 @	12.00
My Maryland	"	5.00 @	12.00
Richmond	"	5.00 @	12.00
ROSES, our selection	"		5.00
" extra special, select	"		15.00
CARNATIONS			
Select	Per 100,	1.50 @	2.00
Fancy	"		3.00
MISCELLANEOUS STOCK			
Stocks, single	Per bunch,		1.00
" double	"	1.00 @	1.50
Snapdragon	"	1.00 @	1.50
Gardenias	Per doz.,	3.00 @	4.00
Valley	Per 100,	3.00 @	4.00
Easter Lilies	"	12.50 @	15.00
Violets, double		.50 @	.75
" single		.50 @	.75
Sweet Peas		.75 @	1.50
Paper Whites			3.00
Romans			3.00
Mignonette		6.00 @	8.00
Jonquils			3.00
Tulips			3.00
Daffodils			3.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 @	.60
Asparagus Plumosus	Per bunch,	.30 @	.50
Asparagus Sprengeri	"	.25 @	.50
Adiantum	Per 100,	.75 @	1.00
Farleyense	"		12.00
Smilax	Per doz., $1.50 @ $2.00		
Mexican Ivy	Per 1000, 6.00	"	.75
Ferns	" 2.50	"	.30
Galax, green	Per 1000,		1.00
" bronze	"		1.00
Leucothoe	Per 100,		.75
Wild Smilax	Per case,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Subject to market changes

ORCHIDS—SPECIAL

We have an unusually large and fine supply of that splendid orchid, Cattleya Trianae. Can supply any quantity.

CHAS. W. McKELLAR
162 N. Wabash Avenue, CHICAGO

CARNATIONS

Order all you need—no question of our ability to fill your order, for our spring crop is on. All colors. Fine quality.

Fancy Tulips

We have the finest Tulips of the season—a large supply. "Novelty" and Couronne d'Or, at $5.00 per 100. Other colors and varieties at $3.00 to $4.00.

Jonquils-Daffodils

Can supply fine stock in quantity.

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Special, long	$5.00
36-inch	4.00
24 to 30-inch	3.00
18 to 24-inch	2.50
15 to 18-inch	2.00
12 to 15-inch	1.50
8 to 12-inch	1.00

ROSES	Per 100
Richmonds	$ 6.00 @ $15.00
Killarney, white, pink	6.00 @ 15.00
My Maryland	6.00 @ 15.00
Brides or Maids	6.00 @ 15.00
Roses, our selection	6.00

MISCELLANEOUS	
CARNATIONS, common	2.00
" fancy	3.00
" extra fancy	4.00
Orchids....per doz., $4.00 @ $6.00	
Easter Lilies	12.50 @ 15.00
Callas	12.50 @ 15.00
Valley	3.00 @ 4.00
Violets	.50 @ .75
Paper Whites	3.00
Romans	3.00
Sweet Peas	.75 @ 1.50
Tulips	3.00 @ 5.00
Jonquils	3.00
Daffodils	3.00

GREENS	
Adiantum	.75 @ 1.00
Asparagus Strings, each, 75c	
Asparagus Bunches, " 25c @ 50c	
Sprengeri Bunches, " 25c @ 50c	
Smilax.....per doz., $1.50 @ $2.00	
Galax .....per 1000, 1.00	
Ferns ..... " 2.50	.25
Boxwood.....50-lb. cases, 7.50	

A. L. VAUGHAN & CO.

Successors to VAUGHAN & SPERRY

159 N. Wabash Ave. Long Distance Phone 2571 **CHICAGO**

Mention The Review when you write.

20 to attend the funeral of William Graff, who died February 16.

Mrs. Otto W. Frese has been quite ill during the last few days.

The telegraph brings the report that the Chicago team, of which James Stevens is a member, is breaking all records in the Los Angeles bowling tournament.

John Degnan reports that the catalogues of Winterson's Seed Store are on the press, a wholesale list and the general spring list.

F. F. Scheel, of Shermerville, has turned the steam into his new range of Foley greenhouses. They are to be planted with carnations this fall.

Joseph Foerster, of Kyle & Foerster, has been away for nearly a week on a "vacation," but the fact that his destination is not reported indicates that he may have been combining business with pleasure.

Tim Matchen has been confined to his home for two days in the last week, suffering with the grip.

All through the severely cold weather George Reinberg was kept on the anxious seat by the freight blockade which caused the non-arrival of his coal, but now that the weather has moderated nearly a dozen cars arrived at once.

T. E. Waters, with Poehlmann Bros. Co., went to New Orleans February 13, returning February 18, with a book full of orders. On the way home he passed John Zech going down. Mr. Zech's trip was for pleasure.

The baseball team of the Chicago Carnation Co., Joliet, is planning to entertain the visitors to the state convention March 5 by giving a dance.

NOTICE

NEW YORK Consignments Solicited **BOSTON**

Our new store, 46 West 26th Street, New York City, is now open with a full line of Cut Flowers from the very best growers. Our specialties are:

Roses, Aaron Wards, Waddells, Tafts, Cardinals, Killarneys, Marylands, Richmonds and Beauties.

Carnations, all standard varieties; Jonquils, Narcissus, Paper Whites, Hyacinths, Valley, Violets, Orchids, Gardenias, Easter and Calla Lilies. We are in an excellent position to fill orders at a moment's notice. Our motto is "A square deal to both retailer and grower." Our shipping facilities are unsurpassed, as we make a specialty of shipping flowers to all parts of the United States and Canada. We strive to please. A trial order will convince you. A full line of Florists' Supplies and Hardy Cut Evergreens always on hand. Best quality, lowest prices and prompt service. Write, wire or telephone.

Henry M. Robinson & Co.

Wholesale Commission Florists, Dealers in
Hardy Cut Evergreens.
Importers and Manufacturers of Florists' Supplies.

46 West 26th Street, New York City

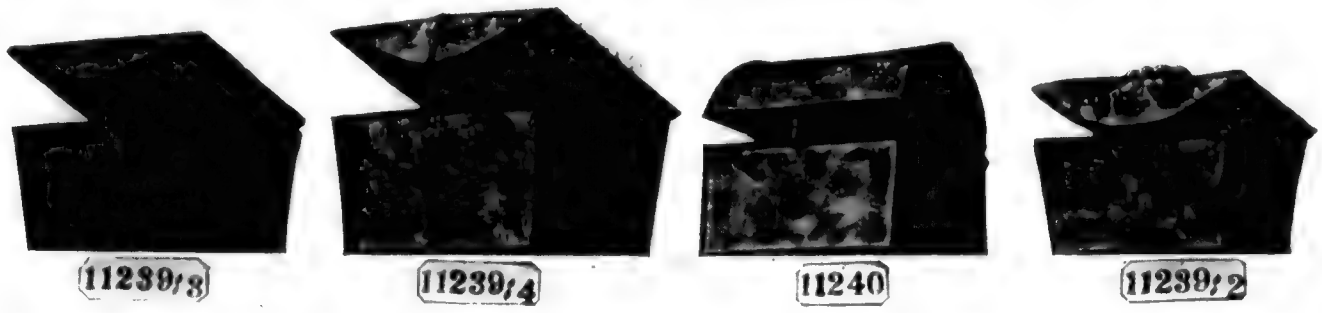
Mention The Review when you write.

It has just developed that Albert F. Amling and wife celebrated their silver wedding anniversary New Year's evening with the assistance of a gathering of friends so numerous that they filled the largest hall in Maywood. Apparently every detail of the arrangements was perfect except the work of the press agent, which fell down flat, for this item is eight weeks old.

The primaries to select candidates for aldermen are to be held February 27 and in the meantime Peter Reinberg is combating the only active opposition he ever has had. The tactics of the opposing candidate are some-

EASTER HAMPERS

These hampers, resembling that burnt leather effect, are new.
Filled with Violets, Sweet Peas, Lily of the Valley or Daffodils, they make a splendid Easter remembrance.
The hampers will remain a tasty reminder of the giver long after the flowers are gone.
Their rich tone and odd appearance appeal to the most fastidious.



Can be had in either the flat or rounded top, as illustrated above.
Let's show you this useful as well as ornamental "novelty."

No. 11239/2, 9-inch, 6-inch, 5-inch.....$1.00
No. 11239/3, 10-inch, 7-inch, 6-inch..... 1.25
No. 11239/4, 12-inch, 9-inch, 6½-inch..... 1.50
No. 11240, 9-inch, 7-inch, 8-inch..... 1.50

Your line will not be complete without them.

See page 27, for another of "Rice's" Leaders.

M. RICE & CO., 1220 RACE ST., Philadelphia, Pa.

Mention The Review when you write.

KLEHM'S NOVELTY TULIPS

and every other flower.

What anybody else has, we've got. All flowers in season, billed at Chicago market rate day of shipment.

KENNICOTT BROS. CO.

163 N. Wabash Avenue **CHICAGO**

Mention The Review when you write.

what discredited by the Municipal Voters' League, which makes a practice of reporting on the work done by members of the council, and has just issued the following with regard to Mr. Reinberg: "Finishing fourth term with continuously excellent record; his influence, extending beyond limits of council, is always exerted in behalf of the public; has held with credit the chairmanship of local transportation committee. To the immense tasks confronting this committee he can be relied on to bring honesty and ability and public spirit."

Frank Johnson, sales manager for the A. L. Randall Co., and W. W. Randall, traveler, spent the latter part of last week in company at St. Louis.

The landlord has canceled the Percy Jones lease on the entire second floor of the Fairbanks building, 56 East Randolph street, giving instead a lease to Henry Wittbold on the entire Randolph street frontage and to Percy Jones on the north two-fifths of the floor. The new leases are for three years. The rental remains the same as previously paid by Percy Jones, but is divided between the two tenants in proportion to the floor space occupied. Mr. Wittbold will establish downtown headquarters for his decorating business. He also plans to build greenhouses at Evanston this summer.

Bassett & Washburn comment on the rush of business that has come each Monday of late.

A. L. Vaughan hears from Fred Sperry that he may locate in Los Angeles.

E. E. Pieser says the new ice-box will make five in the Kennicott store.

The E. C. Amling Co. looks for an early and radical change in the orchid market, believing that the weather of the last few days has hastened the end of the crop of Trianæ.

F. C. Hoerber says that the rose crops of Hoerber Bros., Des Plaines, are several weeks behind last year, instead of earlier, as planned, due, he thinks, entirely to the severely cold weather.

Indications are that valley will be in demand for Easter. H. N. Bruns received an advance order for 20,000

WHITE AND PINK

KILLARNEYS

Send your Rose orders here—they will be filled—our crops are on.
Fine stock in all lengths. Especially strong on White Killarney.

Also a good supply of Beauties and Carnations

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Extra long	$5.00
36-inch stem	4.00
30-inch stem	3.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.25
Short stem	$0.75 @ 1.00

Perle	Per 100
Special	$10.00
Select	8.00
Medium	6.00
Short	5.00

Richmond		Per 100
Special		$12.00
Select		$8.00 @ 10.00
Medium		6.00
Short		5.00
Killarney	Special	12.00
White Killarney	Select	8.00 @ 10.00
Mrs. Field	Medium	6.00
Maryland	Short	5.00

Sunrise	
Special	10.00
Select	8.00
Medium	6.00
Short	5.00

ROSES, our selection, $5.00 per 100.

CARNATIONS	Per 100
Fancy	$2.00
Splits	3.00
Harrisii	1.50
Sweet Peas	per doz., $1.50 @ $2.00
Paper Whites	$0.75 @ 1.25
Romans	3.00 @ 4.00
Tulips	3.00 @ 4.00
Valley	3.00 @ 4.00
Violets	3.00 @ 4.00
	.75

	Per 100
Adiantum	$ 1.00 @ $ 1.50
Asparagus, sprays	3.00
" strings	60.00 @ 75.00
" Sprengeri	3.00
Smilax	per doz., $1.50 @ $2.00
Ferns	per 1000, 2.50
Mexican Ivy	.75
Galax, green or bronze	per 1000, 1.00
Leucothoe	.75
Boxwood	bunch, 25c

Subject to change without notice.

PETER REINBERG

35 E. Randolph Street, L. D. Phone Central 2846. CHICAGO

Mention The Review when you write.

pips February 15. He says Valentine trade was good.

Otto Wittbold says the Edgebrook greenhouses are so well filled that there is no room to spare, but, at the rate shipping orders are picking up, the stock will move rapidly from now on.

"Not one sale of Lorraine on my entire trip. Everyone wants Cincinnati." This was a remark by J. J. Karins, when in Chicago last week on his way back to Dreer's at Philadelphia, after a two months' trip on the Pacific coast.

Visitors: Frank J. Knecht, formerly foreman for W. J. & M. S. Vesey, who is going into the business for himself with a range of six houses; P. Buettner, Hammond, Ind.

Phoenix, Ariz.—Mrs. E. M. Tyler, formerly proprietor of the Tyler Greenhouses, at Sheridan, Wyo., is making preparations to engage in the florists' trade here.

ST. LOUIS.

The Market.

In the last week there has been considerable business. Society got busy in the few days before Lent and the many social and wedding decorations caused a great deal of work. These, with Valentine's day business, were enough to keep the trade on the jump all week long, in addition to which a number of large funeral designs were worked up during the week.

Stock was quite plentiful every day, violets and carnations being specially abundant, and prices went down to $2 per hundred for the best carnations and to 60 cents for the best violets. There are no roses going to waste just now, as these seem to clean up almost daily. Valley dragged somewhat last week and some sold as low as $2 per hundred. Fine lots of lilies are coming in at all the markets, also tulips, Dutch hyacinths, Von Sions and a great lot of fancy sweet peas. The weather has been mild and springlike and the wholesalers seem to think a great glut of cut stock is due this week.

Various Notes.

Carl Beyer, C. C. Sanders, F. C. Weber and C. W. Wors, who recently were reported sick, are again attending to business.

Julius Koenig, city forester, has returned from an eastern trip.

From reports there will be quite a lot of building done by the Kirkwood florists this summer, and some of them taking advantage of the cheap prices of glass, bought quite heavily last week.

If business permits, several florists will attend the American Bowling Congress at Chicago next month. St. Louis will be represented by thirty-five teams and to some of these the several florist bowlers belong.

TABLE OR WINDOW FLOWER BASKETS



A stunning effect is produced by filling these baskets, which have a pan lining, with cut flowers.

Their artistic shape permits their use as a beautiful decoration for window, store or table.

As an Easter remembrance, their worth is unsurpassed.

Made of rattan and finished with Blue Antique.

For an additional charge of 50c each they can be ordered in that exquisite White Enamel, edged with gold.

Instead of using a glass vase for cut flowers, use one of these No. 2914 Baskets; they are admirably suited for this purpose.

Style No. 2915 is an excellent basket for Easter plant arrangement.

	Length	Width	Depth	Handle	Price per Pc.
Style 2915/2—15	in.	11 in.	6½ in.	8 in.	$1.50
Style 2915/3—18	in.	12 in.	8 in.	10 in.	2.00
Style 2915/4—21½	in.	13½ in.	9 in.	11 in.	2.50

	Length	Width	Depth	Handle	Price per Pc.
Style 2914/1—14 in.		11 in.	10 in.	8 in.	$1.75
Style 2914/2—17 in.		21 in.	11 in.	11 in.	2.25
Style 2914/3—20 in.		15 in.	13 in.	12 in.	3.00

See Page 29 for another Rice Creation

M. RICE & CO. 1220 RACE ST. PHILADELPHIA

Mention The Review when you write.

Shipping Orders

We grow Beauties, Roses, Carnations, Valley, etc., and ask a share of your trade, knowing that our stock, our prices and our prompt attention will compare favorably with what you are accustomed to. Why not send us today's order?

Batavia Greenhouse Co.

Greenhouses: Batavia, Ill. L. D. Phone 2995 Randolph

Store: 30 E. Randolph St., CHICAGO

Mention The Review when you write

Otto Sander had one of the most attractive Valentine window displays in the downtown district. He says the demand for violets was the largest he ever has experienced.

Grimm & Gorly, the Paris Floral Co., Alex Siegel and the Riessen Floral Co., each says that this year Valentine business was double that of last year and that violets had the call over any other flower.

R. J. Windler, on South Grand avenue, says he disposed of 10,000 violets on Valentine orders and that this day is becoming better for the florists each year.

George Windler, the Delore avenue florist, will be in shape with an extra fine lot of blooming plants for the Easter trade. Mr. Windler will lead a discussion on Easter plants at the March meeting of the Florists' Club.

Wm. Bouche, consulting landscape architect at University City and Park View Place, says that he has a great deal of work ahead, which will begin as soon as the weather opens. Nearly all the California privet will have to be replanted, as the severe winter killed them.

Frank Weber, E. W. Guy and W. C. Young, trustees of the Florists' Club, will meet this week and make arrangements for the club's rose and carnation exhibition, to be held in conjunction with the club's meeting Thursday afternoon, March 14.

The large refrigerator in the cut flower department of C. A. Kuehn's store, that the workmen have been installing for the last two weeks, is now complete and is one of the largest in the city.

A. S. Halstead, president of the St. Clair Floral Co., Belleville, spent Saturday, February 17, in the city. Mr. Halstead has fully recovered from his recent illness and reports that he is grandfather to a little girl, born to his daughter, Mrs. Stoval, at Cincinnati, where Mrs. Halstead is visiting.

It was estimated that the four wholesalers combined disposed of 125,000 violets for Valentine's day. The best brought $7.50 per thousand, while others ranged from $4 to $6. It surely was a great violet day for the local florists.

Visitor: Joseph Rolker, of A. Rolker & Sons, New York. J. J. B.

The Chicago Flower Growers Association

WHOLESALE GROWERS of CUT FLOWERS and PLANTS

L. D. Phone Randolph 5449 176 N. Michigan Ave. Chicago

OTTO W. FRESE, General Manager.

Lenten Offerings

Extra fancy Valley.....$3.00 per 100

Fancy Cattleyas .....$4.00 per doz.

Finest Double Violets.....$5.00 per 1000
(Home Grown)

Extra fine Princess of Wales, Single Violets..... 5.00 per 1000

Large California Violets ..... 3.50 per 1000

New York Double Violets ..... 5.00 per 1000

Short and medium Roses are in steadily increasing supply.

Store open from 7 a. m. to 6 p. m. Sundays closed at noon. Subject to market changes.

CURRENT PRICE LIST

Grade	A	B	C	D	E	F	G
Beauties .....doz.	$ 5.00	$ 4.00	$3.00	$2.50	$2.00	$1.50	$1.25
Killarney 100	12.00	10.00	8.00	7.00	6.00	5.00	4.00
White Killarney 100	12.00	10.00	8.00	7.00	6.00	5.00	4.00
Maryland.....100	12.00	10.00	8.00	7.00	6.00	5.00	4.00
Richmond 100	12.00	10.00	8.00	7.00	6.00	5.00	4.00
Maids.....100	12.00	10.00	8.00	7.00	6.00	5.00	4.00
Brides 100	12.00	10.00	8.00	7.00	6.00	5.00	4.00
Carnations.....100	3.00	2.00	1.50	.....	.....	.....	.....
Cattleyas .....doz.	6.00	5.00	4.00	.....	.....	.....	.....
Valley 100	3.00	2.00	1.50	.....	.....	.....	.....
Lilies.....100	10.00	8.00	.....	.....	.....	.....	.....
Callas 100	12.50	10.00	.....	.....	.....	.....	.....
Paper Whites.....100	3.00	.....	.....	.....	.....	.....	.....
Mignonette.....100	4.00	3.00	.....	.....	.....	.....	.....
Violets, double.....100	.60	.50	.....	.....	.....	.....	.....
" single.....100	.60	.50	.....	.....	.....	.....	.....
Sweet Peas 100	.75	.50	.40	.....	.....	.....	.....
Daisies.....100	1.00	.75	.....	.....	.....	.....	.....
Jonquils 100	4.00	3.00	.....	.....	.....	.....	.....
Romans.....100	3.00	2.00	.....	.....	.....	.....	.....
Tulips, asstd. colors...100	3.00	.....	.....	.....	.....	.....	.....
" Novelty 100	5.00	4.00	.....	.....	.....	.....	.....
Smilax.....100	16.00	12.50	.....	.....	.....	.....	.....
Plumosus.....100	4.00	3.00	2.00	.....	.....	.....	.....
Sprengeri.....100	3.00	2.00	.....	.....	.....	.....	.....
Adiantum.....100	1.00	.....	.....	.....	.....	.....	.....
" Croweanum 100	1.50	.....	.....	.....	.....	.....	.....
Galax.....per 1000	1.00	.....	.....	.....	.....	.....	.....
Ferns.....per 1000	2.50	.....	.....	.....	.....	.....	.....
Wild Smilax.....50 lb.	5.00	.....	.....	.....	.....	.....	.....
Mexican Ivy.....100	.60	.....	.....	.....	.....	.....	.....
" 1000	5.00	.....	.....	.....	.....	.....	.....
Boxwood.....bunch	.25	.....	.....	.....	.....	.....	.....
" .....50-lb. case	6.00	.....	.....	.....	.....	.....	.....

Mention The Review when you write.

PROVIDENCE.

The Market.

A change in temperature last week, with the addition of Valentine's day, greatly accelerated business and the florists report the best trade in several weeks. Business on Valentine's day was exceptionally good and, contrary to former years when nothing but reds were in demand, this year violets and sweet peas held the call. Prices have shaded off a trifle, the quotations this week being: Carnations, $1 to $3 per hundred; roses, $3 to $15; violets, 30 to 50 cents; daffodils, single and double, $1 to $2; tulips, $1.50 and $2; valley, $3 to $5, and sweet peas, 35 to 75 cents.

Various Notes.

Burke & Burns are cutting some especially fine Killarney, My Maryland, Richmond and Kaiserin, which they are sending to the Boston market.

Willis S. Pino was a recent visitor to New York on business.

At the annual meeting of the proprietors of Swan Point cemetery, Daniel S. Thurber was reëlected superintendent. In the annual report the following tribute was paid to Timothy McCarthy: "Very early in the year we suffered a great loss by the death, February 10, 1911, of Timothy McCarthy, who had served the cemetery for nearly thirty-five years as its superintendent. To him is due in very large measure the beauty and parklike character of the cemetery."

William Doel, of Pascoag, has been serving as a member of the petit jury in the Superior court for the last two weeks.

William Jurgens, of Newport, is cutting some fine Cottage Maid tulips, as well as valley.

Thomas W. Chisholm was in the city last week, representing the Braslan Seed Growers' Co., of San Jose, Cal.

Peter Welch, of Welch Bros., and William J. Stewart, of Boston, were visitors in this city last week.

J. G. Jensen, of the Park Greenhouses, has been on the sick list for several weeks, but is now improving.

James H. Wilson is seriously ill at his home on Forrest avenue, Middletown.

Mr. Robinson, brother of J. C. Robinson, seed grower of Waterloo, Neb., was a recent visitor in the city.

A new covered delivery wagon was received last week by Burke & Burns.

Several of the florists had prettily decorated windows for St. Valentine's day.

Henry Patri is preparing to remove farther up Westminster street about March 1, as the building in which he is now located is to be torn down.

IN ANY QUANTITY

MEXICAN IVY

A trial order will convince you of the merits of this increasingly popular green. We handle immense quantities fresh from the pickers.

Write for Our Quotations on This Stock in Quantity

CREUTZ & CO., 403 W. Eighth St., LOS ANGELES, CAL.

Mention The Review when you write

Small Reed Tumbler Baskets

The kind that look so well, filled with Violets, Sweet Peas, Lilies of the Valley, Daffodils, etc.
Admirably suited as an Easter reminder, daintily touched off with a bow of our ribbon or chiffon.
Made of very thin Reed, can be had in Blue Antique, Foliage Green, Havana Brown and Natural White.



A sure seller wherever shown.

Style	Length	Width	Depth	Handle	Price, per doz.
173/4A	4½-inch	4½-inch	3½-inch	11-inch	$4.00
174/L	5-inch	5-inch	4-inch	13-inch	6.00
178/1B	6-inch	3½-inch	4-inch	9-inch	6.00
11363/A	5½-inch	5½-inch	3-inch	7-inch	6.00
178/3B	7-inch	4½-inch	4½-inch	11-inch	7.00

Why not write for an assortment today ? See page No. 31, for another **Rice Leader.**

M. RICE & CO.

1220 Race Street, PHILADELPHIA, PA.

John Cox, of Newport, is seriously ill at the Newport hospital, where he is being treated. W. H. M.

NEW ORLEANS.

The Market.

The carnival season brought thousands of visitors to our delightful city, and the elegant balls and receptions given by the different carnival organizations, clubs and private parties led the florists, especially the storekeepers, a busy life. All the flower stores were lavishly decorated with the choicest products of the season and from everywhere satisfactory business results have been reported.

During the present month all kinds of weather were experienced here—frost, rain and sunshine, sometimes all on one day, and on the afternoon of February 16 there was a hail storm, brief in its duration, but heavy enough to cause anxiety among the florists and truck farmers. At present we are enjoying real spring weather.

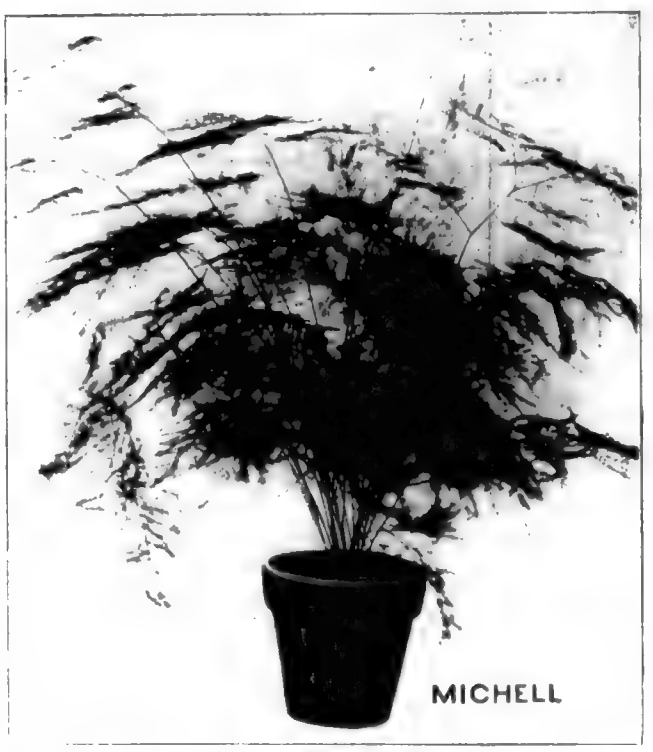
Bulbous stock is still plentiful and the first Italian and miniature Dutch hyacinths are making their appearance. Single violets, pansies, candytuft, etc., are the outdoor flowers to be cut here at present, though they are seldom in great demand.

There is great activity among the truck farmers and the local products are bringing top-notch prices. The bad weather up to now hurt our lettuce crops again and endive and escarolle are still showing the effects of the frost. Other goods are in fair supply.

R. E.

ASPARAGUS PLUMOSUS NANUS SEED

NEW CROP



We are headquarters for the true greenhouse grown strain.

Absolutely fresh and of high germination.

100	seeds	$ 0.50
1,000	"	4.00
5,000	"	18.75
10,000	"	35.00
25,000	"	83.75

Michell's wholesale Florists' Catalogue is brimful of good things for the grower and it's free for the asking.

HENRY F. MICHELL COMPANY

518 MARKET STREET, PHILADELPHIA, PA.

Wholesale and Retail Florists



You both will profit by using McCray Refrigerators. Don't cut down profits because of spoilage. Stop the spoilage. Our patented refrigeration will keep your stock fresh because of the constant circulation of cold, dry air.

McCRAY REFRIGERATORS
(Keep things fresh)

are made not only in stock sizes but are built to order to suit your requirements. Write today for our free catalogue No. 72, which will give you ideas to help you add to the attractiveness of your establishment.

McCRAY REFRIGERATOR CO.

368 Lake Street, KENDALLVILLE, IND.

CHICAGO OFFICE, 158 North Wabash Avenue. **NEW YORK OFFICE, 231 West 42nd Street.**

Mention The Review when you write

BOSTON.

The Market.

At last we are getting a spell of milder weather, after one of the longest and steadiest cold snaps the east has known for years. The frost has penetrated to a depth of four and one-half to six feet, and many water mains at these depths are frozen in Boston and surrounding towns and cities. It is, at last, possible for the street venders to ply their vocation, and this has given an improved tone to the market. During the continued low temperature street sales were out of the question. This caused an unprecedented accumulation of surplus stock in the wholesale markets, carnations being the greatest glut. While prices are now a little better on carnations, they continue low for February and the arrival of Lent is hardly likely to improve them. Flowers which should have sold at $3 per hundred were hard to move at $1.50 and $1, and some had to go at half these figures. Some growers are so disgusted that they will reduce their plantings of the divine flower for next season.

Roses have continued to sell well. Growers are not yet getting a heavy cut, and prices are well maintained. Violets sold well for Valentine's day. With warmer weather they are more plentiful and prices are inclined to sag. Bulbous stock is in heavy supply and, next to carnations, has suffered most during the slump. Sweet peas are coming of good quality and are selling better. Valley is improving in quality, but most of it has inferior foliage. Miscellaneous flowers, such as primroses, forget-me-nots, calendulas, dimorphothecas, cornflowers, marguerites and wallflowers, are in quite good demand. Snapdragon of pleasing shades of color is in excellent request. Gardenias are good, but an uncertain sale. Cattleyas are still druggy and other orchids are abundant. Sales of green stock are satisfactory, and plant trade, with the milder weather, has taken a decided brace.

EASTER RIBBONS

Order when you need them, now or later; big stocks always on hand. Better ribbons for florist work are not woven than

THE PINE TREE BRAND

Sample swatches will show you the luster, good silk quality, and prices will convince you there is a saving for you. Samples free.

The Pine Tree Silk Mills Co.
PHILADELPHIA

Mention The Review when you write.

Club Meeting.

There was the record-breaking attendance of 300 at the meeting of the Gardeners' and Florists' Club February 20. Eleven new members were elected. J. Otto Thilow, of Dreer's, who is president of the Florists' Club of Philadelphia, delivered a splendid lecture on "The Flora of the Rockies," illustrated with the stereopticon. The club seldom listens to so interesting a travelogue.

The exhibits were especially numerous and good. They were as follows:

From J. Leach & Son, North Easton, Carnation Pink Supreme, awarded a report of merit.

From A. N. Pierson, Inc., Cromwell, Conn., Killarney Queen and Double White Killarney roses, awarded reports of superior merit.

From D. Finlayson, Brookline, Marguerite Mrs. F. Sander, awarded a report of merit.

From M. A. Patten, Tewksbury, Carnation Mrs. C. W. Barron, awarded a report of merit; Carnations Dagman and Genevieve, awarded votes of thanks.

From Wm. Sim, Cliftondale, a splendid lot of pansies.

From Arthur Griffin, Woburn, Carnations Pink Delight, Gloriosa and White Wonder of excellent quality.

From Waban Rose Conservatories, Natick, Rose Mme. Russell, awarded a report of superior merit.

From William Patterson, Wollaston, wallflowers of excellent quality.

From James Wheeler, Natick, Carnations Princess Charming, Beacon and a mixed vase, all well grown.

From A. A. Pembroke, Beverly, Carnation Beverly, a seedling, awarded a report of merit.

RAFFIA POT COVERS



One of those simple adornments that win instant favor.

Made of Moss Green Raffia and finished off with a narrow natural strip of reed.

A striking combination of colors, and a splendid match for any color plant.

These pot covers are what you need to enhance your Easter plants, look well and are reasonable in price.

They are good sellers—Why not send for a sample lot today?

8172/5 fits a No. 4 standard pot, price per piece, 40c; per doz., $4.50
8172/6 fits a No. 5 standard pot, price per piece, 50c; per doz., 5.50
8172/7 fits a No. 6 standard pot, price per piece, 65c; per doz., 6.50
8172/8 fits a No. 7 standard pot, price per piece, 75c; per doz., 7.50
8172/9 fits a No. 8 standard pot, price per piece, 90c; per doz., 9.00

See page 33 for another Rice best seller.

M. Rice & Co.

1220 RACE STREET, PHILADELPHIA, PA.

Mention The Review when you write.

From Scott Bros., Elmsford, N. Y., Carnation Wm. Eccles, given a vote of thanks.

From F. Dorner & Sons Co., Lafayette, Ind., Carnation Rosette, in excellent condition after its long journey.

From Pennock-Meehan Co., Philadelphia, Carnation Comfort, a red seedling raised by S. M. Merwarth & Bro., Easton, Pa.

From Charles Sander, Brookline, a collection of new seedling azaleas, especially fine, awarded a cultural report of merit.

From W. T. Walke, splendid antirrhinums, awarded a report of merit.

From C. H. Totty, Madison, N. J., Carnation Wodenethe, especially fine.

From Paul Richwagen, Needham, vases of antirrhinum.

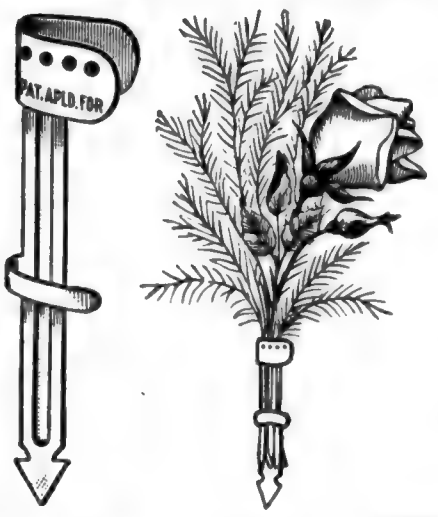
Various Notes.

F. H. Houghton's store, on Park street, narrowly escaped destruction by fire February 10, the coldest day of the winter. Mr. Houghton discovered fire next door at 9 a. m., and, while the flames did not break through into his store, dense volumes of smoke made it impossible for anyone to stay there. With doors and windows open to let smoke out, many palms and other plants were destroyed, all, however, being covered by insurance. I was interested to note that while kentias were destroyed, cibotiums were not damaged in the least.

A. W. Belcher, of Winthrop, a bulb specialist, has an extra fine lot of Von Sions, Paper Whites and tulips in variety, at the Boston Coöperative Market.

Frank Macdonald, salesman for N. F. McCarthy & Co., was married February 10. The bride was Miss May Deveney, of Dorchester. He has the felicitations of a large circle of friends.

Carbone is showing some excellent auratums, also rhododendrons, ericas, acacias and lilacs in fine variety. He had a fine Valentine's day trade.



BEHRE'S IMPROVED MODEL

STEM-ER

Patent applied for.

A time-saver to the extent of lessening over 50% of the labor, together with the grace in which the leaves and flowers can be set by the firm hold the Stemmer has upon them, **making them an article of perfection.** They are now being used by leading designers.

This is what E. Woerz, of Enid, Okla., thinks of my Stemmer: "Please ship at once 5000 Stemmers; I am out and cannot get along without them. Yours truly, Eugene Woerz."

Prices: From 1000 to 5000 at 75c per 1000; 10,000 lots at 70c; 25,000 lots and over at 65c. At your dealer's or direct from the factory.

E. H. BEHRE, Madison, N. J.

Mention The Review when you write.



SPLIT CARNATIONS

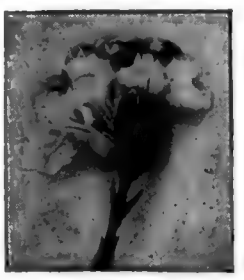
Quickly, easily and cheaply mended. No tools required.

Pillsbury Carnation Staple

Patented 1908.

2000 for $1.00 postpaid.

I. L. PILLSBURY
GALESBURG, ILL.



BEFORE

No loss if you mend your split carnations with Superior Carnation Staples

50c per 1000 postpaid



AFTER

WM. SCHLATTER & SON

422 Main St., Springfield, Mass.

Mention The Review when you write.

Mr. and Mrs. Henry Penn and Mr. and Mrs. W. H. Elliott left February 10 for a trip to the West Indies, taking the rail route to Tampa, Fla.

The Montrose Greenhouses are now getting an extra fine cut of Richmonds, Killarneys, White Killarneys and Mrs. Aaron Ward. They find the latter hangs fire in winter if not given a brisk heat.

Thomas Cox, of Dorchester, has a splendid daily shipment of Lilium longiflorum at the Boston Coöperative Market.

H. M. Robinson & Co. had a fine business for Valentine's day. They report shipping trade in their various lines as extra good.

Penn's, on Bromfield street, advertised violets in heart-shaped boxes

GREEN CARNATIONS

DON'T Be Fooled Again.

Buy from The Originator— not the Imitator

FOR ST. PATRICK'S DAY. I send you, **postpaid** to any address, enough pulverized coloring to make one quart of the **strongest liquid dye** for $1.00; enough for one gallon, $3.50. I **guarantee** my goods to be **the coloring** and does **the work satisfactorily.**

ORDER NOW
Directions with each box

FRED GEAR
(Originator of Green Flowers)

FREE SAMPLES

1113 VINE STREET, CINCINNATI, OHIO

Mention The Review when you write.

CYACEINE—The Natural Flower Coloring

Is simply mixed with water and absorbed through the stem, showing in the flower in twenty minutes. IT COLORS AND PRESERVES FLOWERS without harming them or destroying their fragrance. Color a flower with it and notice how natural it looks.

Any of the following colors sent to you by mail. . . . . **20c per quart** St. Patrick Green, Yellow, Blue, American Beauty, Orange or Pink.

Why not send your order and remittance now, while you have it in mind? The coloring will come to you, all charges paid, by the first return mail.

C. R. CRANSTON, (NEW ADDRESS) 146 ORCHARD STREET, **AUBURN, R. I.**

Mention The Review when you write

THE FLORISTS' SUPPLY HOUSE OF AMERICA

HIGH HATS For St. Patrick's Day

For Dinner Gifts and Favors. Fill them with growing shamrock and you have the real thing for March 17th.

H. BAYERSDORFER & CO., 1129 Arch Street, **PHILADELPHIA**

Mention The Review when you write.

heavily in several leading Boston dailies for Valentine's day and state that they sold 100,000 violets and were cleaned out of the special boxes. Other flowers which sold particularly well were Carnot and Richmond roses, valley and gardenias.

J. J. Casey, of the Rosary, on Boylston street, reports good business for Valentine's day. I noted a fine window display of Freesia Purity and azaleas there last week.

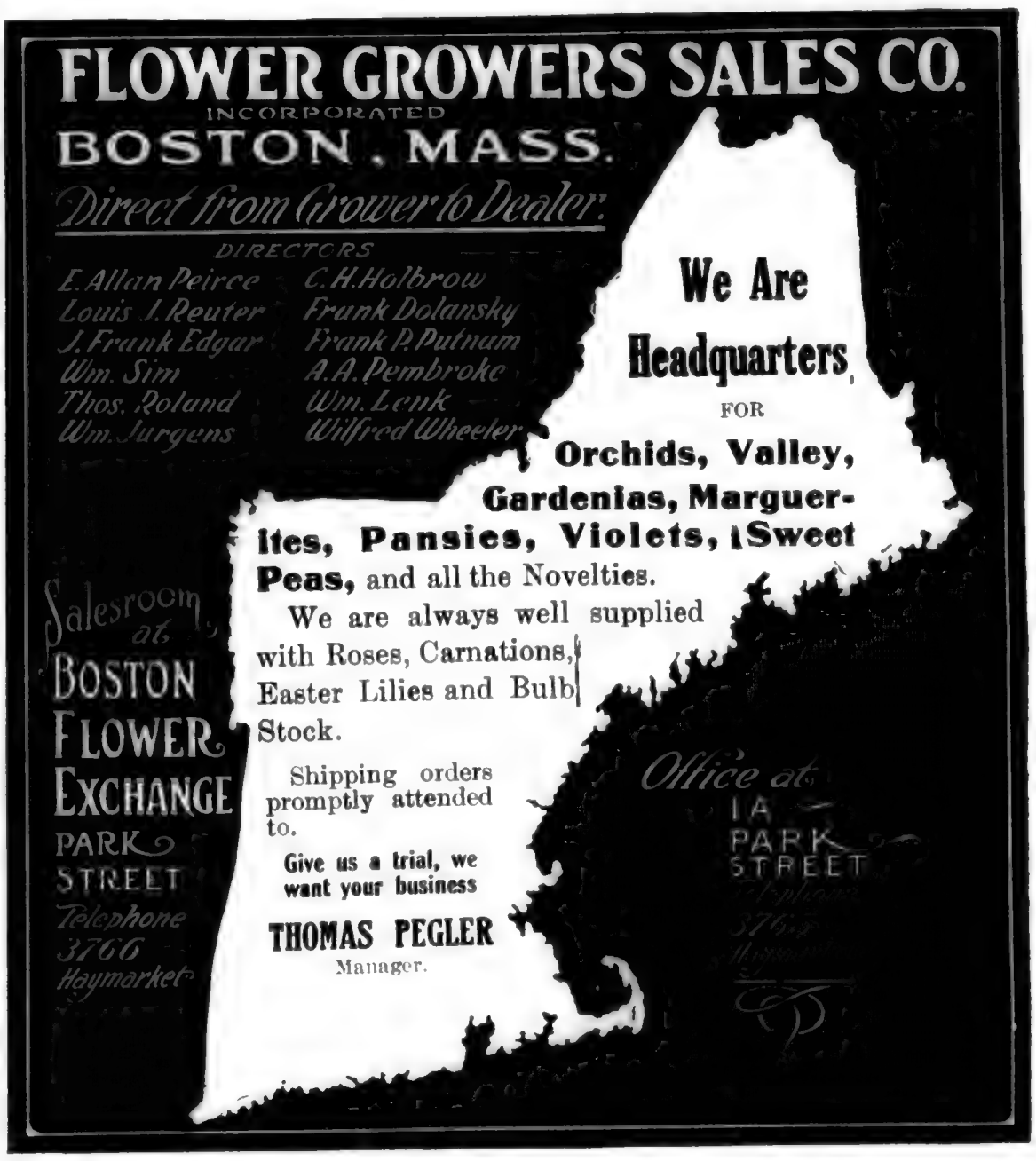
Prices on bituminous coal have advanced sharply here of late. Carload quotations are now $4.50 per ton against $3.83 a month ago and $3.27 last November. There is something of a famine of hard coal and, while prices have not advanced materially, dealers are having great trouble in securing what coal they need.

Alexander Montgomery's sensational new rose, Mme. Charles Russell, is a wonderful bloomer, the massive flowers being produced on strong stems. This variety is said to produce ten flowers to one of Beauty and is of much better color. There should be little need of Beauty after Mme. Russell is introduced. At the Waban Conservatories, where Beauties used to be largely grown, only 250 feet of one house is devoted to them this year and they will not be grown again. Lady Hillingdon is also making a wonderful record as a producer.

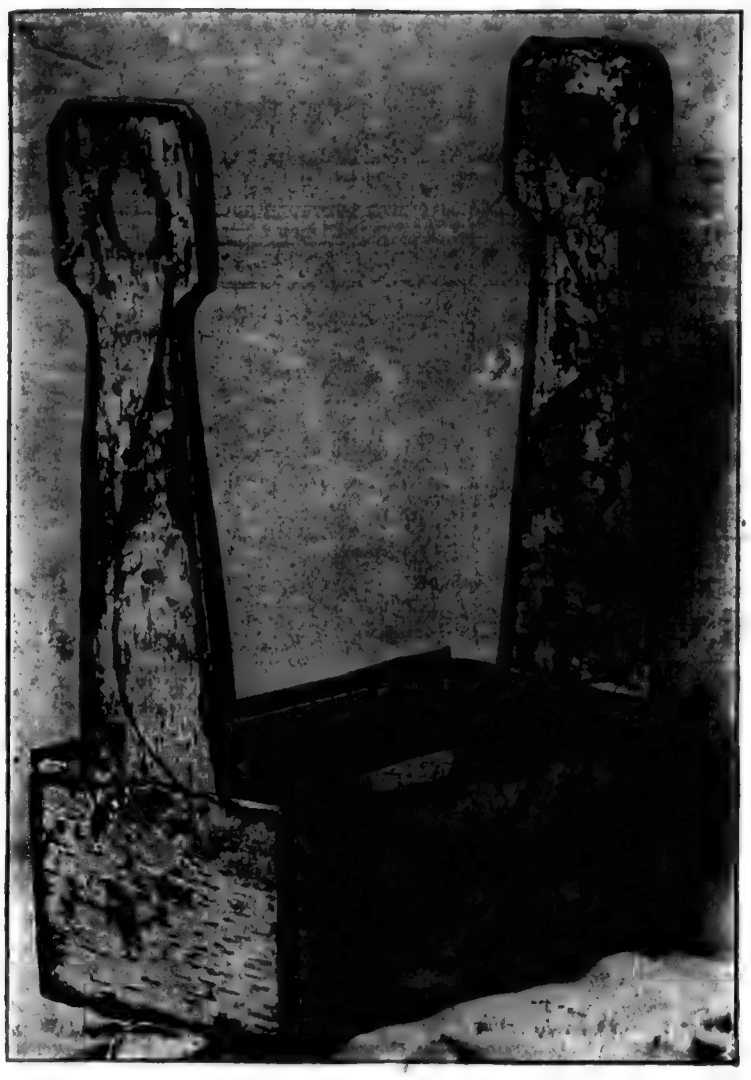
E. J. O'Hearn, of Wellesley, is this season having splendid success with yellow marguerites, which are quickly sold at the Boston Coöperative Market.

Thomas Pegler reports business as steadily growing with the Flower Growers' Sales Co. Valentine's day business was extra good and a steady improvement has taken place since then.

Probably the finest Acacia pubescens coming into Boston is that from Joseph Fuller's Leominster greenhouses, all of which is handled by Welch Bros.



ALWAYS MENTION THE FLORISTS' REVIEW WHEN WRITING ADVERTISERS



No. 1472

NOVEL BIRCH BARK

Plant Boxes

Made of Silver Birch Bark and trimmed with Natural Brown Twigs.

Note the odd effect produced by the high side handles.

Surely out of the ordinary.

Suggesting a Holland effect.

Especially adapted for blooming potted plants and ferns.

When filled will certainly make a splendid Easter gift.

Made in three styles—Round, Oval and Oblong.

Price includes pan linings.

	Length	Width	Depth	Price per Pc.
Style 1472/1	12 in.	7½ in.	5½ in.	$1.25
Style 1472/2	14 in.	9 in.	6 in.	1.50
Style 1472/3	19 in.	10½ in.	6 in.	2.00

See page 35 for another "Rice" Special

ORIGINATED AND MANUFACTURED BY US

M. RICE & CO.

1220 RACE ST., PHILADELPHIA, PA.

Mention The Review when you write

St. Patrick Green

(The Only True Irish—Grass—Color)

DARK GREEN TRADE MARK GSB **(The Color Beautiful)**

Our coloring is too well known to comment on. The Florists tell us it is the best on the market and their word goes with us. One quart of **OUR** green will color more flowers than two quarts of any other make, and it is only $1.00 the quart.

YELLOW, AMERICAN BEAUTY, ORANGE, LAVENDER, PINK, PURPLE and LIGHT RED are $1.00; BLUE is $1.25 the quart, postpaid.

BURTON-ALLISON CO., Suite 28, 39 W. Adams St., Chicago, Ill., U. S. A.

Mention The Review when you write

Thomas Little, of Winthrop, and Edward Bingham have splendid single violets at the Boston Coöperative Market.

The regular Saturday lecture at Horticultural hall February 17 was by Dr. Haven Metcalfe, of Washington, on "The Chestnut Disease." This disease is being discovered all over Massachusetts and, as there is no cure for it, the extinction of one of our finest native trees seems certain.

The West Street Greenhouses, of Reading, are shippers of high grade carnations to the Boston Coöperative Market. William Hannan & Sons, of Dorchester, are strong on lilies and tulips just now.

Robert Montgomery, of Natick, is cutting a splendid crop of Killarney and White Killarney while prices are high. He also has some good Richmonds.

Robert T. McGorum, of Natick, is strong on shamrocks this season and has a big lot of young candytuft in line for Memorial day.

William R. Nicholson, of Framingham, in addition to his high quality carnations, now has an increasingly heavy lot of marguerites and splendid mignonette. He has many thousands of shamrocks for March 17.

The hybrid gerberas are beautiful flowers. If these Barberton daisy hybrids will bloom in winter they should become popular. I noted a fine vase in H. R. Comley's window last week.

Gustave Olson, of Woburn, is a good grower of a variety of flowers. Just

VIOLETS 75c 100

Order direct from the Largest Grower
Telephone—Telegraph connection

J. VONDER LINDEN
RHINEBECK, NEW YORK

Mention The Review when you write.

GREEN CARNATIONS

Send 25c and receive by mail a package of dye that will color 75 to 100 carnations green. Have many letters stating it is best on market. 3 packages, 60c; $2.00 per dozen. 2c stamps accepted.

LOUIS ELSASS, Chillicothe, Ohio

Mention The Review when you write.

MICHELL'S Seed House Is HEADQUARTERS For

RUBBER HOSE

Revero, the kind that doesn't kink, is light handling and, better than all, is a wearer for years. Let us mail you a sample. In lengths up to 500 feet.

¾-inch .....16½c ft.
½-inch .....14½c ft.

APHINE

The modern remedy for fighting aphis, red spider, green fly and other greenhouse pests. "Look at the price."

$1.00 per quart.
2.50 per gallon.

LEHMAN WAGON HEATERS

will deliver your plants and cut flowers just as they come from the greenhouse. No freezing in transit.

No.	
5—14 in., 1 coal compartment	$1.75
10—14 in., 3 coal compartments	6.25

Lehman Coal, 70c dozen bricks; 100 bricks, $5.00.

WHILLDIN FLOWER POTS

are everywhere recognized as the standard; well made, carefully burned and packed to reach you in good order. Send us a list of your wants; will quote rock-bottom prices.

MUSHROOM SPAWN

Lambert's Pure Culture is indisputably the best; crops bigger, better and quicker than any other.

	Doz.	100	1000
Direct bricks	$2.15	$13.00	$127.50
Standard bricks	1 80	11.00	105.00

TO-BAK-INE

is the best nicotine preparation made for either spraying or fumigating. Greenhouse pests can't live where it is used, and it won't hurt flowers.

½-pint.....$ 1.10
Pint..... 2.00
½-gallon 7.75
Gallon..... 15.00

1912 WHOLESALE PRICE LIST NOW READY-WRITE FOR A COPY

HENRY F. MICHELL CO. 518 MARKET ST., PHILA.

Mention The Review when you write.

Roses, Beauties, Orchids, Valley, Violets, Carnations, Paper Whites, Lilies, Sweet Peas, Daisies, Trumpets, Mignonette, Decorative Greens

PITTSBURGH CUT FLOWER COMPANY

Wholesale Growers **121 Seventh St., Pittsburgh, Pa.**

Mention The Review when you write

now his La Reine tulips are unusually fine. W. N. Craig.

Thomas M. Nash, a florist's employee who resides at 341 Columbia street, Cambridge, has been awarded a silver medal by the Massachusetts Humane Society for bravery in saving the life of James Callahan, of Somerville, in the Charles river basin the night of June 10, 1911. The medal is engraved: "To Thomas M. Nash, for bravery in saving life. Boston, June 10, 1911." Mr. Nash is 29 years old and married.

ROCHESTER.

The Market.

Business is the best it has been since the holidays and all the florists have been kept busy with weddings, funerals, receptions and transient trade, funerals being especially numerous during the week. The trade for Valentine's day was good all over the city, both in cut flowers and plants, and stock was plentiful. Milder weather also makes business much better.

Carnations continue to come into the market in great quantities, while the quality and quantity of all roses are improving. Mignonette is more plentiful, narcissi are abundant and cut lilacs are almost a glut. Sweet peas are fewer in number, while valley is greatly improved but in slight demand. Gardenias are not so good as they were and cattleyas are beginning to diminish in size and quantity.

Club Meeting.

At a meeting of the Rochester Florists' Association February 13, a committee of twelve, headed by Charles H. Vick, was appointed to consider the advisability of holding a flower show next fall and instructed to report at the next meeting.

Fred Vick and E. R. Fry were named as delegates to attend the meeting of the florists of New York state soon to be held at Ithaca, and W. T. Logan and C. B. Ogston were named as alternates. A. Edwin Crockett and George

EVERY now and then a well-pleased reader speaks the word which is the means of bringing a new advertiser to

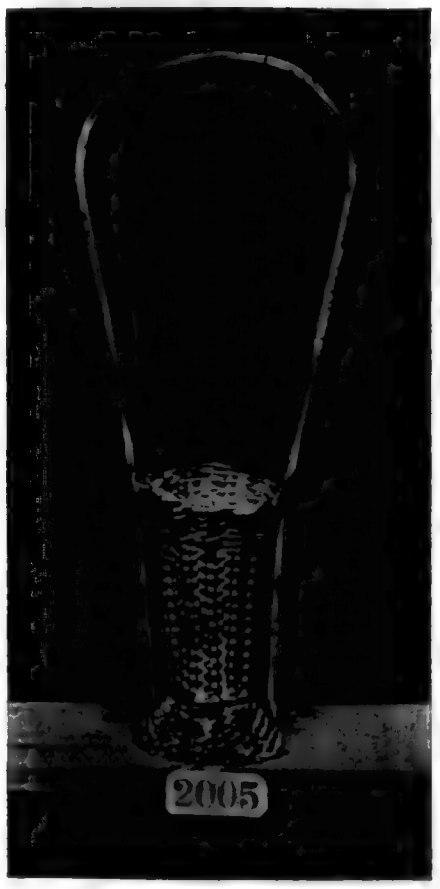
THE WEEKLY FLORISTS' REVIEW

Such friendly assistance is thoroughly appreciated.

Give us the name of anyone from whom you are buying, not an advertiser. We especially wish to interest those selling articles of florist's use not at present advertised.

FLORISTS' PUBLISHING CO.
530-60 Caxton Bldg. Chicago

CUT FLOWER BASKETS



The best yet.

A unique cut flower basket woven around a glass vase.

Holds just about a dozen roses, carnations, daffodils, etc

Especially adapted as a flower vase for hospital, sick room or home use. Having a vase to hold water materially adds to its value.

Made of rattan; its color, Antique Blue, harmonizes to advantage with any color flowers.

It has an oddly arranged handle from the sides, that allows the flowers plenty of freedom.

It's proven a money maker for others, why not for you? Just glance at the price:

$6.00 per dozen.

Style No. 2005, top opening 5½ inches; height of handle, 23 inches.

Better order today to save disappointment.

M. RICE & CO., 1220 RACE STREET, PHILADELPHIA, PA.

Mention The Review when you write.

WM. MURPHY, Wholesale Commission Florist
309 Main St., CINCINNATI, OHIO

CUT FLOWERS GREENS MOSS SPHAGNUM
FLORISTS' SUPPLIES WIRE WORK

PHONE MAIN 980 CONSIGNMENTS SOLICITED

Mention The Review when you write.

HOLTON & HUNKEL CO.
462 Milwaukee Street, Milwaukee, Wis.

Choice Roses, Carnations, Violets, Valley, Tullips, Trumpets, Lillies
AND ALL OTHER CUT FLOWERS AND GREENS

Mention The Review when you write

Arnold gave the principal addresses. Preliminary steps were taken for a banquet.

Various Notes.

Monday evening, February 19, the Lamberton Memorial Conservatory, at Highland park, was opened for the first time in the evening. The new lighting system had been tested and those who inspected the handsome floral display found new beauties revealed under the shaded electric light.

All of the bowlers are taking a lively interest in the match which is to take place here with the Buffalo boys in the near future.

The Rochester Floral Co. did a rushing business preceding Valentine's day and upon the day itself. This firm's business is growing and four clerks are now employed in the store.

Salter Bros.' East Main street store reports a good trade for the last few weeks. They have a good collection of azaleas on exhibition.

J. B. Keller Sons are doing a big business in funeral work and had a big valentine trade.

E. Fred Rowe, of Harrisburg, Pa., formerly with James Vick's Sons, was in the city last week.

George Boucher has been quite busy and did a rushing business for Valentine's day. He is showing some fine Begonia Glory of Cincinnati.

Mrs. E. C. Armbrust has returned from the east.

Salter Bros. are growing some good pink ramblers at their greenhouses in Fairport, N. Y.

Geo. Kramer, who is again living in Buffalo, was in town Saturday, February 17.

H. E. Wilson's display window is filled with a pretty arrangement of daffodils and Asparagus plumosus. His valentine trade was exceptionally good.

Harry P. Neun had a good valentine trade, and is doing quite a little funeral work. Manager Albert's window display is exceedingly attractive.

Visitors: M. Cohen, New York city; Mr. Green, of H. Bayersdorfer & Co., and Mr. Hampton, of H. F. Michell Co., Philadelphia. E. C. A.

Newburyport, Mass.—One of the pipes connected with the heating plant at Thomas J. King's greenhouses, in West Newbury, burst recently, and before it could be repaired the temperature had dropped in three of the greenhouses so that the plants were frostbitten and destroyed. Mr. King estimated that his loss would be $1000.

SPECIAL
500 Carnations
Our selection of colors
$15.00

The immense volume of our business makes it easy for us to give our customers advantages in quality and price not found elsewhere. Carnations are at their best, as far as quality is concerned, and at our prices are exceptionally good values. Let us send you a shipment for comparison.

PINK KILLARNEYS

You will not find a better grade of Pink Killarney in this market than we are offering. Our supply is getting larger now and we have quantities to select from. The three top grades represent the best values.

Light and Dark Double Violets and fine large Single Violets. 75 cents a hundred for the best—special price by the thousand. Plenty of them.

The Leo Niessen Co. Wholesale Florists 12th and Race Streets, PHILADELPHIA, PA.

Mention The Review when you write

PHILADELPHIA.

The Rising Eastern Market.

Lent has come and society has ceased to dance the bunny hug, the turkey trot, the grizzly bear; even opposite ends is given up for the present. Generally speaking, the cut flower market has been active during the last week of the social season. The scarce flowers were Beauties and really good gardenias. Everything else has been abundant. It is difficult to give an accurate idea of the conditions affecting the supply and demand of each variety of flower. One day roses were in active demand, while carnations lagged. The next day these conditions were reversed, although the supply of carnations on the second day far exceeded that of the first. An expert judge asserts that carnations have averaged about $1 per hundred less this season, from Thanksgiving to Lent, than they did during the corresponding period of a year ago. This is difficult to explain in the face of the fine quality of much of the stock and no particular increase in the supply. Well colored cattleyas have advanced in price, and with them first grade gardenias. Acacia pubescens is not equal to the demand. Good sweet peas are selling well, but the short-stemmed flowers are not. Valley, Easter and calla lilies have been going pretty well. Golden Spur leads the bulbous flowers in popular favor, at firmer but not higher prices. There is some freesia in the market. Greens have been in active demand. The supply is not large.

St. Stephen's Day.

February 16 was observed by a small coterie of the faithful who believe the holidays should go in threes: Lincoln's and St. Valentine's had not been real holidays, unless that is the way to describe a day as full of work as the law requires, and a little fuller. So the afternoon of February 16 was at brief notice devoted to two of the calls that go so far to make our profession above all others because of the spirit of comradeship and equality so strongly in evidence on such occasions.

VIOLETS
Fancy, single and double, at 75c per 100.
CARNATIONS
Ground stock, in all colors, at $3.00 and $4.00 per 100.
DAFFODIL
market is in your favor; take advantage of it. $2.50 per 100; $20.00 per 1000.
PRINCETON
can be had in moderate quantities; even now, when other roses are scarce, Princeton is blooming.
LILIES SWEET PEAS GREENS, Etc.
BERGER BROTHERS
Wholesale Florists
140-142 North 13th Street, PHILADELPHIA, PA.

Mention The Review when you write

J. Stephenson's Son owns and operates two places on the Old York road at City Line. The old place is famous for Mrs. Jardine, grown to perfection in large numbers. The new place, a square away, consists today of one house. It is such a house as one dreams about; a perfect model of Lord & Burnham latest construction: 400 feet long, containing 15,000 roses. Mr. Stephenson and Mr. Geiger are justly proud of the house, the stock and the power plant. The Killarneys, single, white and double, are their varieties; while there are others, these will be discarded or moved to the old place and the vacancy filled with 3,000 Double Killarney. Both Mr. Stephenson and Mr. Geiger are ambitious; all their arrangements indicate the probability of another fine house in the near future.

Stephen Mortensen, of Southampton, is one of those growers whose stock always shows cultural skill of a high order. His rose plants are good in the old houses, as well as in the new houses; even a fire is but a slight check to him. Mr. Mortensen believes that grafted roses are better than roses on their own roots and that a well grown novelty or two is desirable, provided it be a novelty of merit. His standard varieties are Richmond, Killarney, White Killarney and Double Killarney; his novelty is Lady Hillingdon; his coming novelties are Sunburst and Double White Killarney and some specially selected pets for trial. Southampton justly regards Mr. Mortensen as a floral wizard of extraordinary power.

Mr. Pierson's Visit.

Wallace R. Pierson, of Cromwell, Conn., was here February 15. Mr.

SWEET PEAS



Long stems, well flowered, of splendid quality, in Whites, Lavenders, Pinks and Flesh. Good medium, **50c per 100**; long, **75c**; extra long, **$1.00 per 100.**

WHITE LILAC, choice quality, **$1.25** per bunch; good quality, **$1.00** per bunch.

GREEN CARNATION DYE, for St. Patrick's Day, **75c per package.**

SHAMROCK, for St. Patrick's Day, March 17th, 2¼-in. pots, **$10.00 per 100.**

Empty shamrock-shaped pans, 6 in. diam., 2 in. deep, **20c each**
Empty shamrock-shaped pans, 10 in. diam., 3 in. deep, **25c each**

BOXWOOD SPRAYS, fresh, green, perfect stock. No surplus wood. 50-lb. cases, **$15.00 per 100 lbs.**

RIBBONS AND SUPPLIES. Many new patterns in exclusive Ribbons. Write us for prices on these and on Supplies.

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF PHILADELPHIA

PHILADELPHIA 1608-1620 Ludlow Street
NEW YORK 109 West 28th Street
WASHINGTON 1212 New York Avenue

Mention The Review when you write.

ROSES

All varieties and grades at special prices.

WRITE FOR QUOTATIONS

STILL A FEW ROSE PLANTS AS QUOTED LAST WEEK.

Philadelphia Cut Flower Co., 1517 Sansom Street, Philadelphia, Pa.

OPEN UNTIL 6 P. M.

Mention The Review when you write.

Pierson went out to Roslyn, Pa., and there closed a deal with Edward Towill, whereby the A. N. Pierson Co. will send out Mr. Towill's two new roses. One, described in this column a year ago, is a large red of great promise, a cross between Richmond and J. B. Clark. The other rose, a pink of large size and delicate color, is a cross, if Mr. Towill is correctly understood, between Joseph Hill and Killarney. This move makes it evident that Mr. Pierson means to secure all the best novelties.

Various Notes.

"Gone to His Last Fire," was the startling inscription on a design that greeted Arthur Zirkman on a recent call. "Why use such language?" Mr. Zirkman asked. "Well, you see it is for the funeral of a fireman," was the satisfactory explanation.

J. D. Eisele has returned from abroad.

L. P. King, of Mt. Airy, Md., was here recently.

Joseph Heacock has gone to Ithaca, N. Y., to attend the agricultural lectures at Cornell University.

Henry F. Michell returned from Summerville, S. C., February 19.

The consensus of opinion is that St. Valentine's day was a decided improvement over previous years.

M. Rice & Co. have commenced work on their new annex.

Maurice Fuld is home again, looking well and bright.

Robert A. Craig finds his ferns repay good care. The lively demand at his company's greenhouses has just taken enough ferns to keep the big stock from becoming overcrowded.

William Warner Harper is planning an active campaign for the Andorra Nurseries.

H. Bayersdorfer & Co. report many out-of-town visitors; one florist came from Cleveland on purpose to see art baskets, which done he returned instanter.

George Auegle exhibited some Philadelphia Cut Flower Co. sweet peas that, for size, color and stem, claimed the blue ribbon: a private exhibition that included superb Freesia Purity.

The genial Robert Shoch, of M. Rice & Co., is home again.

THE Florists' Supply House of America

E stands for EVERYTHING in the florists' supply line.
A stands for ASSORTMENT, of which we have the best.
S stands for SPECIALTIES, of which we have lots.
T stands for THE, meaning everything.
E stands for ESTABLISHED—1860.
R stands for RESULTS, which we will show you when purchasing our goods.

LIST OF REMINDERS WHICH WE WANT YOU TO KNOW

Baskets, Ferneries, Pot Covers—larger, more exclusive line than any one in the United States. One feature we have that no other house in the country has—we can make Pans to fit any Baskets.

Waterproof Paper, all colors.

Accordion Plaited Paper, all colors.

Crepe Flowers, such as Artificial Cape Flowers, all colors, waterproof; they are always ready for use. Also Roses, Chrysanthemums, Dahlias, Daffodils, etc., all colors.

H. BAYERSDORFER & CO.

1129 ARCH STREET PHILADELPHIA, PA.

Mention The Review when you write

The monthly meeting of the Pennsylvania Horticultural Society was held February 20 in Horticultural hall.

Edward Ross is showing his versatility by producing some fine orchids at the Floracroft Greenhouses of Walter P. Stokes.

The street merchants reappeared in force February 17. They seemingly did a thriving business, and incidentally cleaned up the odds and ends.

Joseph Beavis & Son are cutting fine White Killarney.

Stokes' Seed Store has donned festal green.

J. J. Habermehl's Sons filled burnt birch bark hampers with orchids for St. Valentine's day specialties. They made a most attractive gift.

In Robert Kift's window February 14 were seen gold baskets filled with combinations of primroses and pussy-willows, primroses and yellow daisies, daffodils and daisies.

The Century Flower Shop had a pink window in honor of St. Valentine. Pink azaleas in Porto Rican mats of the same color were banked effectively in the window and also decorated the store.

Charles F. Krueger, at the Reading Terminal, had a card novelty last week. On it were a row of cats, with pussy-willow backs, appropriate verse and calendar. Old-fashioned bouquets of Maryland roses were featured for St. Valentine's day.

Princeton has been blooming steadily from Thanksgiving until Lent.

The outgoing stream of flowers is as large as the incoming at Edward Reid's.

Phil.

Mention The Review when you write

FANCY OR DAGGER FERNS

$1.00 per 1000. Write for prices on large orders.

Galax, 75c per 1000; $6.50 per case of 10,000. **New Bronze** now ready, write for prices.



Tel. Office, New Salem, Mass.
L. D. Phone Connection.

MILLINGTON, MASS.

Try our **Boxwood,** it's the finest that grows; no waste; 50-lb. case, $7.50.
Laurel Festooning, the best, 4c, 5c and 6c per yard.
The finest **Laurel Wreaths** made, $3.00 per dozen.
Branch Laurel, 35c for large bundle.
Sphagnum Moss, $4.00 per bale.
Bouquet Green, 8c per lb.
Southern Smilax, $5.00 per case of 50 lbs.
Green Moss, $1.25 per bbl.
Partridge Berries, 10c per bunch of 50 sprays.

A Special Lot of GROUND PINE, only $6.00 per 100 lbs. First come, first served.

CROWL FERN CO., : Millington, Mass.

Mention The Review when you write.

CINCINNATI.

The Gateway to the South.

The market continues in an easy condition. Receipts in most lines are large and the volume of sales using up this stock is good. Naturally, in an easy market, prices have as a whole shaded slightly since the last report. Shipping business is good. Valentine's day business was large and satisfactory to all. The opening day of this week, due to a general replenishing by retailers, started with a rush that used up almost everything.

Roses are still conspicuous by their scarcity. A good crop of Bride and Maid has been helping, but they cannot make up for the deficiency in Killarneys. Beauties are in adequate supply and their quality is, as a whole, again all that can be desired. The carnation supply is large and although the sales are good the line is crowded. The most calls are for white and Enchantress. The receipts of bulbous stock continue to increase. The market, while fair, is not all the growers would like. Easter lilies and callas are again easier, but these are proving good property. Of sweet peas the supply has increased along with the rest and clean sales are not as regular as they were. In violets, valley and orchids, offerings since Valentine's day have been only moderate and sales fair.

Greens are easily sufficient for re-

THE Florists' Supply House of America

Easter Baskets

Let us make you up an assortment of the best novel and staple baskets in our warehouse.
You will then have something from which you can order when you need more.

MAGNOLIA LEAVES

Our quality, always the best, is as reasonable as anyone's.
Write for prices.
Consult us for Easter Novelties.

H. Bayersdorfer & Co.

1129 Arch Street, Philadelphia, Pa.

quirements. The supply of Sprengeri exceeds that of plumosus. Included in these offerings is extra fine smilax.

Various Notes.

L. H. Kyrk was first in the market with mignonette this season.

C. E. Critchell reports that the total number of violets he sold for Valentine's day would be enough to give each person in town one. At that he had a few left on his hands.

M. M. Carroll is Miss Carroll, but it doesn't say so on the printed matter. Recently when M. M. Carroll had announced a visit to a city "he" was invited to attend a stag party and "he" was asked to arrange "his" time on the road so as to arrive at the appointed day.

Walter "Toots" Gray, of Hamilton, judging from his purchasing in the local market, has been having a busy fortnight.

The saying is that "murder will out." The same thing is true of secret or rather quiet marriages. The news of the wedding two weeks ago of Mrs. Edwards, the Newport florist, and Squire Machinot, of Cold Spring, Ky., leaked out February 15.

The J. M. McCullough's Sons Co. is finding a good market for the excellent Dutch hyacinths from Albert McCullough's private place.

P. J. Olinger went to New Castle February 19. His guests, Mr. and Mrs. Funk, are speeding to their home in North Dakota.

Lawrence Fritz, of C. E. Critchell's, was on the sick list for a part of last week.

The Miami Floral Co., of Dayton,

GALAX-SPRAYS-FERNS-PLANTS



Fancy Dagger Ferns	$ 1.25 per 1000
Long Green Leucothoe Sprays	2.50 per 1000
Short Green Leucothoe Sprays	1.25 per 1000
Bronze Assorted Leucothoe Sprays	3.50 per 1000
Bronze and Green Galax	.60 per 1000
Beautiful Hemlock Spruce Plants,	
6 to 12 inches	$2.00 per 100; 15.00 per 1000
15 to 20 inches	4.00 per 100; 35.00 per 1000
Rhododendron Seedlings	$0.20 per 100; $10.00 per 1000
6 to 8 inches	$4.00 per 100; $35.00 per 100
12 to 15 inches	6.00 per 100; 50.00 per 1000



These plants will grow if properly planted. We pack so as to arrive fresh and moist. Charge extra on lots less than 100. Discount on large orders. Eighteen years in the business. Send cash with first order.

J. N. PRITCHARD, Elk Park, N. C.

Mention The Review when you write.

WHOLESALE ONLY



Galax, Ferns, Leucothoe



—Ask for Price List—

THE NORTH CAROLINA EVERGREEN COMPANY,

Banners Elk, Pianola, Edgemont, Montezuma, Elk Park.

Address all communications to our home office, Banners Elk, N. C.

FLORISTS!

Don't forget when you remember that I sell all

Native Forest Greens, Cut Ferns, Festooning, Baled Boughs, Xmas Trees, Etc.

Write for price.

H. J. SMITH, Hinsdale, Mass.

Always mention the Florists' Review when writing advertisers.

BRONZE GALAX 75 CASES

new crop, on hand, all A-No. 1 quality, size medium. To move them quickly, will make the price $2.50 per case of 10,000. F. O. B. Mt. Airy, N. C. Cash with order. Established 1900.

THOS. HOLDER, R. F. D. No. 1, ROUND PEAK, N. C.

Always mention the Florists' Review when writing advertisers.

Ferns——Galax——Moss

HEADQUARTERS FOR SOUTHERN WILD SMILAX

$3.00, $4.00 and $5.00 per case.

New Fancy Ferns			
Per 100	20c	Per 1000	$1.75
Green and Bronze Leucothoe Sprays			
Per 100	50c	Per 1000	5.00
Bronze Galax Leaves			
Per 1000	$1.00	Per 10,000	7.50
Green Galax Leaves			
Per 1000	$1.00	Per 10,000	7.50
Boxwood			
Per lb	15c	Per case of 50 lbs	$6.50
		Per case of 100 lbs	$12.00
Mexican Ivy			
Per 100	75c	Per 1000	6.00
Green Sheet Moss			
Per bundle	$1.00	10 bundles	9.00
		25 bundles	$21.00

SPECIAL PRICES ON LARGE QUANTITIES.

Imported Bronze and Green Magnolia Leaves, $2.00 per basket
Everything in Florists' Supplies

Full Line of Cut Flowers and Other Greens at All Times.

C. E. CRITCHELL, Wholesale Commission Florist, 34-36 East Third Ave., **Cincinnati, Ohio**

Mention The Review when you write.

has been sending in excellent Easter lilies.

The Grim Reaper removed from our midst last week John Erhardt, who was connected with Avondale Floral Co. C. H. H.

CLEVELAND.

The Market.

Stock of all kinds is more plentiful. Roses are still a trifle high in price, but the quality is of the best. Valentine's day proved to be a winner for the local florists. The only bad feature of this flower day, from a florist's standpoint, is that the orders all come with a rush at the last minute and it taxes the delivery department to the limit to get all the orders out on time. Violets sold well. They were by far the leader, with valley, freesia, tulips, etc., as close seconds. There were not nearly enough roses to go around, while carnations were plentiful. The latter part of the last week saw stock of all kinds moving slowly. Bulbous stock is nearly a glut. Lilies are selling well and some excellent Formosas are to be seen. Callas are fine and sell on sight. Green goods of all kinds find a ready sale.

Various Notes.

George Washington Smith, of the Cleveland Florists' Exchange, is going to entertain a few of the faithful at his new home on Lake avenue Thursday evening, February 22. It is Washington's birthday, and Mr. Smith was named after the father of our country—some years after.

The Jones-Russell Co. had the misfortune to burn some of their Valentine day orders by having a lantern turn over in their delivery wagon.

A picked team of bowlers from the Cleveland Florists' Club will go to Alliance February 28 to roll L. L. Lamborn's team. F. A. F.

Susquehanna, Pa.—Mrs. Mary Bowne, formerly in business at 414 Jackson avenue, announces that she is no longer connected with the trade.

W. E. Trimble Greenhouse Co.
PRINCETON, ILL.
Adams and Wells-Fargo Express.
Carnations—Sweet Peas—Roses
Our Specialty
All Kinds of Seasonable Cut Flowers at Chicago Prices

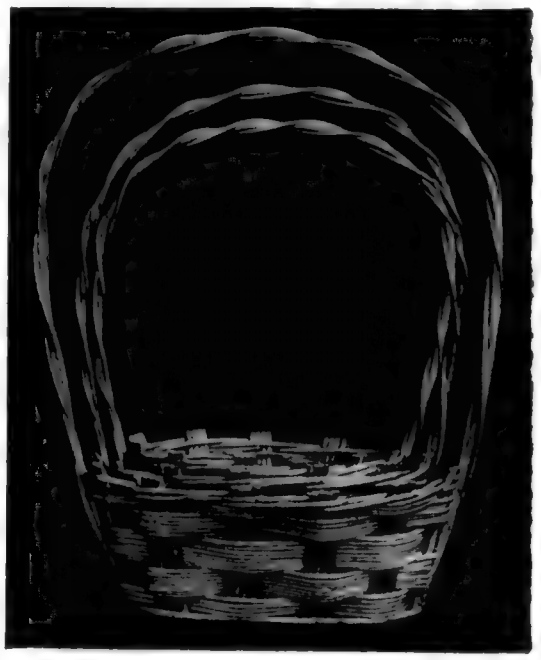
WIRED TOOTHPICKS
Manufactured by
W. J. COWEE, BERLIN, N. Y.
10,000.....$1.75 50,000.....$7.50
Sample Free. For sale by dealers.
Mention The Review when you write.

BUY YOUR FLORISTS' SUPPLIES FROM
L. BAUMANN & CO.
357-359 W. Chicago Ave., CHICAGO, ILL.
We have the largest and most complete stock, Sea Moss, or Japanese Air Plant; Natural prepared Ferns, Cycas Leaves, Magnolia Leaves, Cycas Wreaths, Magnolia Wreaths, Moss Wreaths, Metallic Designs and a big line of Novelties.
Mention The Review when you write.

George B. Hart
WHOLESALE FLORIST
24 Stone Street. ROCHESTER, N. Y.
Mention The Review when you write

Green Sheet Moss,
Laurel Branches and Stems,
New Stone Tomato Seed.
Write for Prices
Will exchange for Crimson Clover Seed or anything I can use.
W. Z. PURNELL, Snow Hill, Md.
Mention The Review when you write.

Great Bend, Kan.—Stoke & Stoke were able to bring their carnations through the cold weather in first-class condition, even in better shape than usual, but the coal bill, they say, "is something fierce."



Raedlein Baskets

add greatly to the attractiveness of cut flowers and plants. Stock up now for the Easter trade. We have a complete line of cut flower and plant baskets and offer our popular

ASSORTMENTS from $10.00 UP

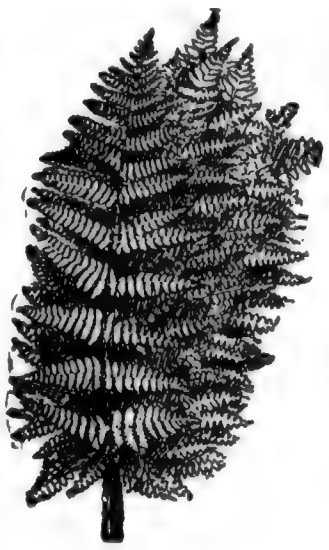
Our Mr. Curtis Kindler has just returned from a visit to our factories in Germany and has brought a line of Easter basket novelties that are ahead of anything we have ever offered—and that's saying a great deal.

Your check enclosed with your order will bring prompt shipment.

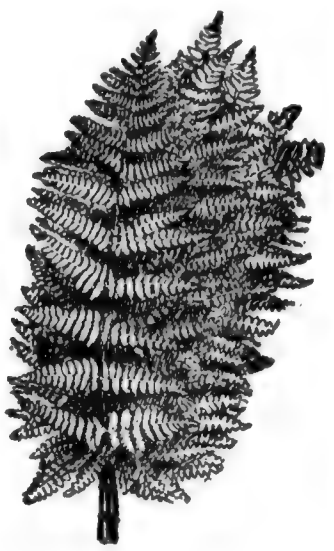
When you buy from us, you buy from the factory —at FACTORY PRICES.

THE RAEDLEIN BASKET CO.
717 Milwaukee Ave., CHICAGO
Factories: Ebersdorf and Weidhausen, Germany

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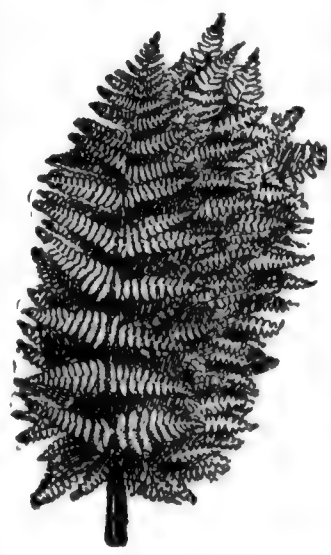
Fancy Ferns



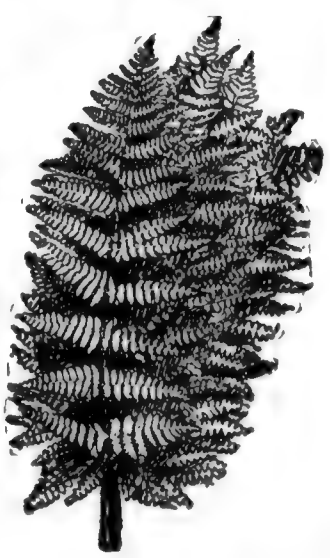
Finest stock in the country

$1.75 per 1000 Discount on large orders. **$1.75 per 1000**

Place your standing orders with us.
Full supply all the year around.



Imported green and bronze Magnolia Baskets, $2.25; 6 baskets	each,	$2.00
Galax Leaves, green and bronze	per 1000,	1.25
Green Leucothoe Sprays, extra fine	per 1000,	7.50
Boxwood	per lb., 20c; per case, 50 lbs.,	7.50
Wild Smilax	50-lb. case,	5.00
Sphagnum Moss	large bales,	2.50



Full supply Cut Flowers at all times.

Michigan Cut Flower Exchange

38-40 Broadway, Detroit, Mich.

Mention The Review when you write.

"Nothing can improve on Nature"

1886 **1912**



GEORGE W. CALDWELL, The Woodsman
The man who gave you the Wild Smilax

WILD SMILAX

Large cases.....$2.50
Parlor brand half cases..... 1.50

Wire your orders. We ship same day.

CALDWELL THE WOODSMAN CO.
Everything in Southern Evergreens
EVERGREEN, ALA.
Mention The Review when you write.

Wild Smilax and Leucothoe Fully Guaranteed
LOUISVILLE FLORAL CO., Louisville, Ala.
Telegraph Office, Abbeville, Ala.
Mention The Review when you write.



FANCY

When in Need of Extra Fine Quality CUT FANCY or DAGGER FERNS



DAGGER

Write to

"The Fern Men"

L. B. BRAGUE & SON {Since 1867} **HINSDALE, MASS.**

Mention The Review when you write.

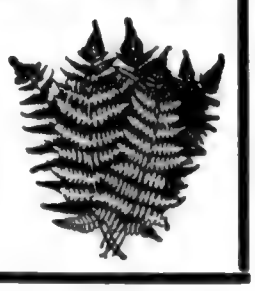
J. H. VON CANON & COMPANY



Evergreens Fresh from the Woods

Galax, Bronze, 50c per 1000; $4.00 per case of 10,000.
Green Leucothoe, regular lengths, $1.75 per 1000.
Green Leucothoe, 10 to 16-inch, $1.00 per 1000.
Bronze Leucothoe, 10 to 16-inch, $1.75 per 1000; regular lengths, $2.75 per 1000.

Cash with order.



Wire us, Elk Park, N. C. **BANNERS ELK, N. C.**

Mention The Review when you write.

Wire, Write or Phone Your Orders For

Southern Wild Smilax

Palms, Pines, Fadeless and Natural Sheet Moss, to

CHAS. S. LEE & CO., Evergreen, Ala.

We guarantee to take care of you to your entire satisfaction.

Mention The Review when you write.

We are now shipping

Southern Wild Smilax

Natural and Perpetuated

SHEET MOSSES

E. A. BEAVEN, - EVERGREEN, ALA.

Mention The Review when you write.



Ever-Ready Pot Covers Are Plant Sales Boosters

THEY make beautiful plants more beautiful by hiding the ugly clay pots—and they are instantly applied. They are so inexpensive you can easily afford to give one with every plant—the added attractiveness of the plant makes for a quicker sale and is more than worth the slight added cost.

The Ever-Ready has a strong cardboard foundation covered with best quality of Waterproof Crepe Paper, tied with Silk Fiber Ribbon at top and bottom, and all firmly put together with improved metal fasteners. The frill covers the saucer, if one is used.

Furnished in four attractive colors, and sizes and shapes to fit all pots or pans. Write for price list and circulars today. You will need Ever-Ready Pot Covers for Easter and Spring trade.



EVER-READY FLOWER POT COVER CO.

146 Hughes Ave., BUFFALO, N. Y.

Mention The Review when you write.

Vegetable Forcing.

WHO KNOWS OF THIS LETTUCE?

Will you please inform me where I can get seed of the Orchard lettuce, a sample of which I enclose? I bought seed last spring of what was supposed to be this variety of lettuce, and it turned out to be nothing more than the common broad-leaved endive. The Orchard lettuce is a head lettuce and unusually beautiful. I should also like to know how to grow it. W. G. B.

I am unable to tell you just what variety of lettuce the sample was which you sent. It was pretty well dried up when received. I would suggest that you get a catalogue from one of the large, reliable seed companies that advertise in The Review, and look for the particular kind you want. You will find the head lettuce and leaf lettuce in separate lists, with a good description of each variety. Any of these firms will sell you just what you want.

If you want the lettuce to grow inside, it will be best to get a forcing variety. Head lettuce should be sown in boxes or coldframes, not too thickly, and transplanted to the field or to beds inside as soon as large enough to handle. Set them eight inches apart.

H. G.

A STUNTED LETTUCE CROP.

I should like to get a little light on a subject with which I am not familiar. I have several houses, facing east, with lettuce in them. Since the cold weather commenced, the lettuce has practically not grown any. The leaves start out and become about one-third developed; then they quit growing and the lower leaves begin to wilt. I have five houses, each 30x260, in this section. Two of the houses are 6 years old, with new soil in some of the beds and old soil in others. Two of the houses are 2 years old and one house was built last year; the first planting is still in it. In parts of the houses there are some eelworms and in other places there are fishworms. I have no green fly. I maintain a temperature of 50 degrees at night and from 60 to 65 degrees in the daytime, with a moderate amount of moisture. Some of the plants are ten weeks old, with about twenty leaves; these plants are about half grown, and are stubby, tough and stunted.

I also have five houses, each 30x200, facing south, and these contain a first-class crop of lettuce. If I take plants out of the first-mentioned place and plant them in the section facing south, they develop quickly. We treat both places just alike. Please give me all the information you can on this subject.

F. L. L.

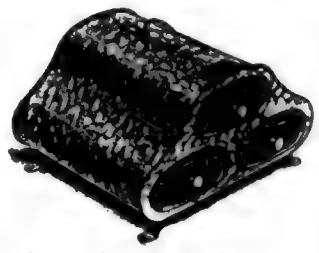
The east and west houses are unquestionably lighter than those in which the ridge runs north and south, but that difference does not explain your trouble at all. If the temperature and treatment are the same in both ranges, then the trouble is below ground, not above. I have a suspicion that you water the sick section too much and that the soil is sour and soggy. Examine the soil in both ranges and see whether it is not nice and mealy in the section doing well, and entirely different, wet, sticky and soggy, in the other section. It is not the eelworms that are to blame, or the plants would not do well after being moved to the other house. Eelworms, however, are hard on lettuce at times.

Perhaps the soil is not of much ac-

PROTECTION !!!

of your plants from freezing. This can only be done by using a celebrated

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our Emerald-green Carnation Dye has made a reputation for itself. Once tried, you will use no other. **Let us have your order this year and be convinced.** We ship in **cans,** thus doing away with breakage in transit. **Price, pints, 50c; quarts, $1.00.**

We still have a fair stock of **Longiflorum, Auratum, Rubrum, Album** of worth-while quality. **"Watch the Review"** for our Florists' Supply **Specials for Easter.**

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count any more in the backward section. A good dusting of air-slaked lime over the top of the soil, between the plants, will do no harm and may do much good. When the soil gets dry enough, scratch the lime in with a little cultivator claw. Take some nitrate of soda, which alone is a great fertilizer for lettuce; dissolve some in a barrel of water, at the rate of one teaspoonful (not quite as high as you can heap it) to each gallon of water. This is pretty strong, but it will make the place disagreeable for the worms and will enrich the soil to the limit for nitrogen, which is the most needed for lettuce. Try this solution on a place where the worms are thick; pour it between the rows and soak the ground pretty well in that spot. In a few days dig in and see whether you can find any worms. For plants which are larger use only half as strong a dose, as some of the solution will wet the foliage and may burn the edges if too strong. Experiment on a small part of a house.

H. G.

OTTAWA, ILL.

R. Roy Davis, of Morrison, Ill., has purchased a tract of ground of Fred Scherer, north of Lafayette street and west of Poplar, and announces he will erect a large range of vegetable houses. The contract for the houses has already been let and work will begin as soon as the material arrives. Mr. Davis has rented a cottage of Mr. Scherer and will in the future make his home in Ottawa. He expects to move his family here about March 1.

The new houses will be 800 feet long and eventually the range will be 600 feet wide and will cover ten acres of ground. Mr. Davis expects to specialize on cucumbers. These will be supplied to the Chicago and other markets. He already has a similar plant located at Morrison, Ill. The principal reason for his coming to Ottawa was because of the price of coal. The coal can be

E. H. HUNT

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Successful Florists use Sefton Boxes. To have success in shipping flowers, YOU should use them.

We offer a complete and superior line of cut flower, folding boxes in numerous grades and sizes, as well as Corrugated Fibre Board Boxes for Live Plants and Floral Designs.

Sefton Florists' Boxes combine high quality with low price. We manufacture them in large quantities and thus are able and pleased to give you the benefit in reasonably low prices.

A box of high quality attracts the eye and makes it a pleasure to open a neat, tasty package. Sefton Florists' Boxes are trade builders, inasmuch as they are high class and make a good impression. Purchasers of our boxes were once users of the inferior grades.

Write for prices on your requirements.



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Factories: Anderson, Ind. Brooklyn, N. Y. Chicago, Ill.

obtained $1 a ton cheaper than it can be obtained in Morrison. As coal is the principal item of expense in operating such a plant, it is probable that the plant at Morrison will be abandoned and that Mr. Davis will devote all his time to the operation of the plant in Ottawa.

The papers have been signed for the transfer of the property and contracts have been let for four carloads of glass to be used in the construction of the plant.

COLUMBUS, O.

The Market.

Trade has been brisk here right along. Stock has not been overplentiful and on several occasions there was a scarcity in all lines. Roses are fine, considering the dark weather, and there has been a genuine contest between Bride and White Killarney, and between Maid and Killarney, with everything in favor of the Killarneys. The Brides and Maids were weak-stemmed and shy of bloom, while the Killarneys had good, strong stems and many more blooms. Carnations are also good, considering everything. The stock has been a little soft, but several of the traveling men said the flowers compared favorably with the best they had seen in their travels. The supply, however, has not been what it should be and all growers are away behind last year's cut.

There has been a good demand for sweet peas and the supply at times is much short of the demand. Valley has been a good seller of late, with a fair supply. Tulips, narcissi, daffodils and cut hyacinths are coming in quite heavily and the demand is also good. Violets have been scarce at times, as the single ones have been almost a failure here for the last few weeks. The demand for potted plants has been heavy, with a good supply on hand.

Trade for Valentine's day was the heaviest on record. Everything was cleaned up in fine shape.

Various Notes.

The Fifth Avenue Floral Co. is doing a nice business in its cramped and torn-up quarters. Inside of another week a decided change will be seen, as the room will be much better than it was before the fire and they will have more room in the store, with an enlarged, double-decked window.



H. & D. FLORISTS' BOX

Universally used for shipping cut flowers and designs. The dead-air cells form a perfect non-conductor of heat and cold, thus preserving contents much longer than ordinary wood box.

H. & D. Florists' Box can be used several times. Is much lighter than the ordinary box, thus saving in express charges.

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No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x26	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x?0	6.25 per 100
No. 11	3½x5x30	3.25 per 100
No. 12	6x12x39 (telescope)	10.00 per 100
No. 13	5x10x30	5.50 per 100
No. 14	6x16x39	10.00 per 100

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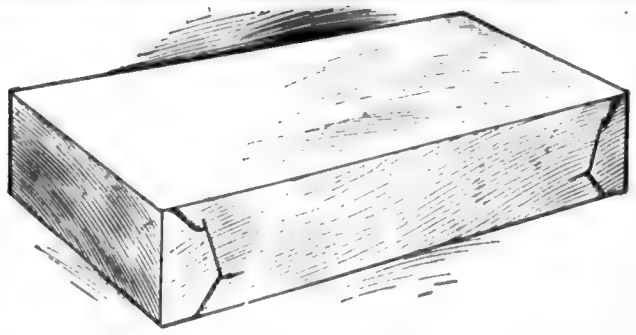
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Palm Green, Mist Gray, Mist Brown	Per 100
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20x 4 x3	2.15
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36x 5½x3½	4.50
21x 7 x3½	3.25
24x 8 x4	3.85
24x 8 x5	4.15
28x 8 x4	4.35
28x 8 x5	5.00
36x 8 x5, Telescope.	7.00
30x10 x5 "	7.50
36x10 x5 "	9.00
40x 8 x5 "	9.00
42x 8 x5 "	11.00
42x10 x5 "	13.00
48x10 x5 "	15.00

White Glaze, Green Glaze, Pink Glaze	Per 100
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20x 4 x3	3.00
18x 5 x3	3.00
21x 5 x3	3.50
24x 5 x3½	3.75
30x 5 x3½	4.50
36x 5½x3½	5.65
18x 6 x3½	3.65
21x 7 x3½	4.00
21x 8 x4	4.65
24x 8 x4	5.25
24x 8 x5	5.75
28x 8 x4	6.00
28x 8 x5	6.50
36x 8 x5, Telescope.	9.00
36x10 x5 "	11.00
40x 8 x5 "	11.00
42x 8 x5 "	13.25
42x10 x5 "	15.00
48x10 x5 "	18.00

Extra Heavy Spray and Design—Palm Green.	Per 100
23x12x5, Telescope	$ 7.50
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12x12x8 "	9.00
16x16x8 "	10.00
20x20x8 "	13.00
24x24x8 "	15.00
28x28x8 "	19.00
32x32x8 "	25.00
20x12x8 "	10.00
28x22x8 "	16.00
24x14x8 "	12.50
30x14x8 "	14.50
32x17x8 "	16.00
36x14x8 "	16.00
40x14x8 "	17.50
36x17x8 "	18.50
42x17x8 "	20.00

Extra Heavy Spray and Design—Mist Gray.	Per 100
30x 9x 4, Telescope	$ 6.50
30x12x 6 "	10.50
48x 8x 5 "	12.50
12x12x 8 "	9.50
14x14x 8 "	10.00
16x16x 8 "	10.50
20x20x 8 "	13.50
24x24x 8 "	15.50
24x24x10 "	20.00
28x28x 8 "	19.50
32x32x 8 "	25.50
20x12x 8 "	10.00
24x14x 8 "	13.00
30x14x 8 "	15.00
36x14x 8 "	16.25
40x14x 8 "	17.75
42x17x 8 "	20.50

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White and Violet Glaze	Per 100
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Plain Violet	
7x4x4	1.75
10x6x5½	2.50
11x8x5½	3.50
Mist Gray	
7x4x4	2.50
8x5x5	2.75
10x6x5½	3.00
12x8x5½	3.50
14x10x8, Telescope	6.00
Palm Green	
12x8x5½	3.50
15x6x5	3.50
14x10x8, Telescope	6.00

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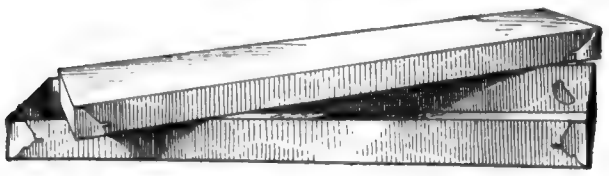
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BALTIMORE, -:- MARYLAND

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Sherman Stephens reports heavy business in funeral work.

The Livingston Seed Co. reports a good business on the cut flower side and heavy business in the seed line, especially in the shipping and mail department.

E. Metzmaier reports active business in plants and cut stock.

J. R. Hellenthal says he has no complaint to make on business.

Underwood Bros. say they are kept on the run out their way.

The death of Wm. Graff is reported in the obituary column this week. The Florists' Club sent a nice wreath and nearly all of the florists sent flowers individually and attended the funeral.

J. M.

G. H. Woodrow, secretary and treasurer of the Fifth Avenue Floral Co., has sent word to the Flower and Garden Club that in addition to the donation he has previously made to that club for the purpose of assisting in making a "city beautiful" for the centennial, he would also give 1,000 tomato plants. The Fifth Avenue concern's first donation to the club was 5,000 salvia plants. This was made during the centennial flower contest, and they were offered regardless of the result of that contest, which resulted in salvia being chosen.

YONKERS, N. Y.

The annual dinner of the Yonkers Horticultural Society was held, as usual, at the Park Hill inn on St. Valentine's day, or evening, the attendance being larger than ever and the enthusiasm unbounded. The Misses Curtiss and Warren, of New York, and Messrs. McDonald, Mott and Bryant were the sweet singers of the occasion and each added largely to the success of the evening.

Howard Nichols is the president of this fast growing society. The dinner decorations were by Wm. McDonald and were elaborate. His dinner committee were Messrs. Milliot, Drexler, Cochran and Nedig and results were perfect in every detail. Harry Bunyard was toastmaster. The mayor, Hon. J. T. Lennon, responded for the toast "Our City." Arthur Herrington, W. Duckham and Wm. Turner spoke for the gardeners. Other speakers were: Mooney, for horticulture; Neubrand, for Tarrytown; Manda, for the New York Florists' Club; Sperry, for the press, and Shaw, for the ladies. Louis Milliot spoke eloquently for the retailers. There were many visitors from New York and from neighboring horticultural societies.

J. A. S.

Canajoharie, N. Y.—Joseph Traudt has a big stock of his variegated alyssum, which stood a severe test in the drought of last summer, and he receives many orders for it. He has purchased additional land, with excellent frontage, upon which he may build a show house.

Studebaker

DELIVERY WAGONS

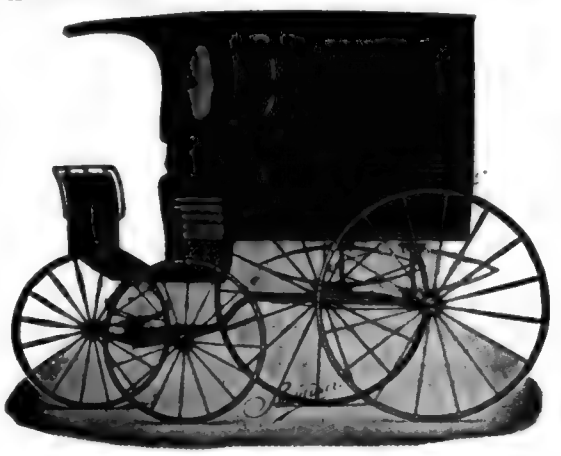
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WILL YOU LET US PROVE IT?

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Mention The Review when you write.

De Land, Fla.—William B. Currey, who built a greenhouse here last summer and started business in the fall, has just completed another large house, for the growing of ferns and asparagus. He has already established a good trade in foliage and flowering plants and is now engaging, also, in the handling of cut flowers, with good prospects of success.

Rome, N. Y.—E. J. Byam has a house of White Perfection carnations which were carried over by his grower, J. Watkins, and which for quality and quantity equal the best house of newly planted stock of the same variety. The entire plant is in excellent shape.

Want and For Sale Department

☞ Advertisements under this head **10 cents per line**, cash with order from all who do not do other advertising. In sending remittance count seven words to the line.

Display advertisements in this department **$1.30** for one inch space.

When answers are to be sent in our care, add 10 cents for forwarding.

Plant advertisements not admitted under this head.

SITUATION WANTED—Young man florist; experience with first-class trade only. Address No. **129**, care Florists' Review, Chicago.

SITUATION WANTED—By all-round florist, married, German, on commercial or private place; employed near Detroit now. Address No. **130**, care Florists' Review, Chicago.

SITUATION WANTED—By young married German, 11 years' experience in roses, carnations, mums and general stock; sober, honest and industrious, able to take charge. Address No. **135**, care Florists' Review, Chicago.

SITUATION WANTED—As working foreman; first-class grower of cut flowers and potted plants; can handle help, etc.; single, German, strictly sober and a good hustler. Address No. **144**, care Florists' Review, Chicago.

SITUATION WANTED—On private place as gardener; 8 years' experience and good references; aged 30 years, married; like a place where both can work; will go anywhere in this country. Address B. T. DeWilde, R. 2, Orange City, Iowa.

SITUATION WANTED—Florist, 26, single, good grower of roses, carnations and other cut flowers, also pot plants; sober and obliging; qualified to take charge; first-class references, if necessary. Address No. **141**, care Florists' Review, Chicago.

SITUATION WANTED—By A-No. 1 grower of roses, carnations, mums and general stock; 20 years' experience; can handle help to best advantage; nothing but a first-class, responsible place considered. Address No. **136**, care Florists' Review, Chicago.

SITUATION WANTED—By first-class florist, all-round greenhouse man, also good designer; age 34, 17 years' experience, married, best of references; send rate of salary with reply. Address M. G., care S. Baiko, 2478 W. Seventh, Cleveland, Ohio.

SITUATION WANTED—By young man, German, 7 years' experience in general greenhouse work and vegetable forcing; steady worker; wants position as assistant florist; state particulars and wages in first letter. Address No. **143**, care Florists' Review, Chicago.

SITUATION WANTED—Of responsibility, for first-class florist; age 31, married, no children; holds temporary position with me; my place is not large enough to keep extra man; a man of excellent character, habits and ability. Address, Albert King, Florist, Hornell, N. Y.

SITUATION WANTED—Competent, all-round florist, well recommended, American and European experience in cut flowers, plants, vegetable forcing, design work; age 28; responsible position; west preferred. Address No. **93**, care Florists' Review, Chicago.

SITUATION WANTED—By thorough florist and gardener on private place; 12 years' practical experience, greenhouse and outdoors; sober and honest; 27 years of age; please state full particulars and wages. Address No. **108**, care Florists' Review, Chicago.

SITUATION WANTED—As professional gardener on private place; German, 30 years' experience, married, thoroughly competent in all branches of gardening and greenhouse work; hard worker and reliable; best references; middle west preferred. Address No. **99**, care Florists' Review, Chicago.

SITUATION WANTED—By experienced gardener, single, sober, industrious, 28 years of age, German; good grower of first-class cut flowers, bedding and pot plants; able to take charge; wishes steady position; please state wages. Address Florist, 7516 Third Ave., Brooklyn, N. Y.

SITUATION WANTED—By a single, 24-year-old, all-round florist, with about 12 years' experience; I am considered a first-class designer and decorator and a grower of fine reputation; will go anywhere; wages can be determined by the quality of my work. Address No. **132**, care Florists' Review, Chicago.

SITUATION WANTED—Over 25 years' experience in the gardens and nurseries of Europe and America, inside and outdoors; would like a place where high respectability and sterling character, combined with energy and experience, would be appreciated; private, commercial or semi-commercial. J. Macfarlane, Ellerslie Gardens, Rhinecliff, N. Y.

SITUATION WANTED—By a florist of lifetime experience in cut flowers and plants. Address No. 120, care Florists' Review, Chicago.

SITUATION WANTED—By Chicago florist; roses, carnations, mums a specialty; Chicago or near Chicago. Address No. 115, care Florists' Review, Chicago.

SITUATION WANTED—Working superintendent florist, first-class grower of carnations, roses, mums, bedding stock; landscaping; guarantee result by $500.00; best reference. Address No. 126, care Florists' Review, Chicago.

SITUATION WANTED—Lady wishes to communicate with an employer of advanced ideas who will give her the privilege of boarding his employees; good cook, splendid manager. Address No. 102, care Florists' Review, Chicago.

HELP WANTED—A young lady florist to help in store and office; references; in an eastern city. Address No. 11, care Florists' Review, Chicago.

HELP WANTED—Gardener for small retail place; summer resort; experience in all kinds of vegetables required. Address F. M. B., Box 686, Mackinac Island, Mich.

HELP WANTED—An experienced all-round florist for retail place in suburb of Chicago; handy for telephone orders; references. Address No. 121, care Florists' Review, Chicago.

HELP WANTED—A good reliable man for store, who has had experience in growing pot plants for Easter and Christmas trade. Address Rawson The Florist, Elmira, N. Y.

HELP WANTED—Foreman for our nursery; we want a No. 1 man; a man that can pack, propagate, plant, grow and handle men; good wages for a good man. The Newburys, Mitchell, S. D.

HELP WANTED—Young man who has had 2 or 3 years' experience on commercial place where pot plant growing is a specialty; give references and state age and wages wanted. Miller Floral Co., Farmington, Utah.

HELP WANTED—A good all-round man, one who thoroughly understands growing and watering; married man preferred; position is in an eastern city; references. Address No. 56, care Florists' Review, Chicago.

HELP WANTED—An experienced working foreman to grow roses, carnations and mums; married man preferred; house provided; state wages. Apply at once to J. E. Carey, 30 Wilson Blvd., Mt. Clemens, Michigan.

HELP WANTED—Florist in Chicago, single, on commercial place where potted plants are grown; good hustler; position open March 15; wages, $35.00 per month, room and board. Address No. 133, care Florists' Review, Chicago.

HELP WANTED—A good man for pot plant growing for retail place; must be able to produce good stuff; only a man that is interested in his work need apply; no drinking man wanted. Address No. 142, care Florists' Review, Chicago.

HELP WANTED—Sober, industrious, competent grower of roses, carnations, general stock; married man preferred; wages, $60.00 per month and good six-room house; must be capable of earning same; references. Dole Floral Co., Beatrice, Neb.

HELP WANTED—Man who understands landscape planting and is able to handle first-class city planting on private places of plants, perennials, etc.; single man preferred; reference required; wages, $18.00 per week. J. S. Wilson Floral Co., Des Moines, Iowa.

HELP WANTED—Greenhouse man, fully competent for commercial place; no drinker need apply; must be competent as a grower and manager and able to take charge; wages, experience and references in first letter. Address No. 128, care Florists' Review, Chicago.

HELP WANTED—Bright, wide-awake young man, with several years' experience, for retail seed department; reply in own handwriting, giving references and full information regarding previous experience, also stating salary expected. Currie Bros. Co., Milwaukee, Wis.

HELP WANTED—Working foreman for nursery and landscape work; must be able to handle first-class city work and take charge of men; only man with nursery experience need apply; reference required; single man preferred. Address Hillside Hardy Flower Gardens, Turtle Creek, Pa. (Pittsburgh district.)

HELP WANTED—A good live up-to-date store man; must come well recommended as a salesman and designer and capable of waiting on high-class trade; a steady position and a future for the right man; give full particulars in first letter and state salary. Address Weaklen's Flower Shop, S. Highland Ave., Pittsburgh, Pa.

HELP WANTED—Young or middle-aged man for roses, carnations, flowering plants, bedding stock, vegetable plants for spring trade; some experience in mushroom culture; must be temperate, good worker; wages and particulars in first letter; 20,000 feet glass. Red Oak Greenhouses, Red Oak, Iowa.

HELP WANTED—Experienced salesman, familiar with commission seed work, to travel part of Texas, Oklahoma and Arkansas and probably other territory; of good personality and address, capable of commanding and holding trade; between 30 and 40 years of age; make application in own handwriting, stating age, experience and firms worked for; good position and salary for the right man. Address No. 125, care Florists' Review, Chicago.

HELP WANTED—Rose grower as assistant to foreman. Address No. 139, care Florists' Review, Chicago.

HELP WANTED—A first-class all-round florist and gardener; strictly sober. Mrs. S. H. Myers, Monon, Ind.

HELP WANTED—A young man to take charge of carnation section; also a potter and helper. Apply Krueger Bros., Toledo, O.

HELP WANTED—A designer; only first-class man need apply; single man preferred. Address No. 138, care Florists' Review, Chicago.

HELP WANTED—At once; good grower of carnations and bedding plants; position in Chicago; state wages wanted. Address No. 131, care Florists' Review, Chicago.

HELP WANTED—A good salesman and floral arranger for retail store; all particulars in first letter; good prospects to right man; at once. S. A. Frost, 284 College St., Toronto, Ont.

FOR RENT—For a short term of years with privilege of purchase, greenhouses in a live town in western Pennsylvania. Address No. 117, care Florists' Review, Chicago.

FOR RENT—Or will sell one of the best properties within many miles; 2 large greenhouses, practically new; new 8-room dwelling house, built of tile blocks; 2 lots, or 4, just as preferred; long terms. Address Caroline V. Proper, 46 Birch St., Kane, Pa.

FOR SALE—30,000 feet of glass in central Ohio, fully stocked for wholesale growing; good market for stock; price and terms reasonable. Address No. 137, care Florists' Review, Chicago.

FOR SALE—On account of poor health, a good paying wholesale and retail florist business in a large city in New England. For further information address No. 140, care Florists' Review, Chicago.

FOR SALE—Two Furman sectional hot water boilers, Nos. 307 and 4008-A; eight Hitchings ventilating machines, complete, suitable for small houses; cheap for cash. Haentze Co., Fond du Lac, Wis.

FOR SALE—Retail flower store, old established, favorable lease; excellent location on northwest side of Chicago; doing good business; good reason for selling. Address Martin Peterson, 2550 W. Division St., Chicago.

FOR SALE—1200 ft. of glass in two houses, located at the gate of Forest Hill cemetery, St. Elmo, suburb of Chattanooga; splendid location for cut flowers and bedding plants, small capital. Mrs. Marietta Hunt, St. Elmo Sta., Chattanooga, Tenn.

FOR SALE—42-inch by 12-foot second horizontal tubular boiler complete with all castings, and 55 feet of 22-inch smoke stack and guyes, good for 90 pounds' pressure; replacing with larger boiler; a snap. Address Chicago Laundry Co., 4239 Cottage Grove Ave., Chicago.

FOR SALE—A good live business and stock in an up-to-date, lively factory town of 6000; will lease modern residence, greenhouses and land for a term of years; only those who mean business need to reply; southern Michigan. Address No. 76, care Florists' Review, Chicago.

FOR SALE—Well established florist business in a city of 75,000, 30,000 sq. ft. of glass, 3 acres of land, hot water heat, well stocked with bedding plants, roses and carnations; store in connection; would sell ½ or ⅓ interest; if interested write for full particulars. James C. Murray, Peoria, Ill.

FOR SALE—$6000 cash buys the best market garden place within 100 miles of Chicago, in city of 20,000; 8 acres of high land, 6 acres of muck, 18,000 ft. of glass, 2 dwellings, 7 and 10 rooms, all kinds fruit; reason for selling, other possessions in the south. Address No. 134, care Florists' Review, Chicago.

FOR SALE—The long established florist business of John E. Haines, Bethlehem, Pa., recently deceased; 24,000 feet of glass; the business is now successfully and profitably conducted by his executor, but must be sold to carry out the provisions of his will. L. F. Leibfried, Executor, Estate of John E. Haines, dec., Bethlehem, Pa.

FOR SALE—Half interest in one of the best and oldest established retail florist businesses in southern California; illness of proprietor's wife, necessitating his partial absence from the store, cause of sale; will consider purchase of whole or any part of corporation stock. Address No. 113, care Florists' Review, Chicago.

FOR SALE—Greenhouse, 70x35, with boiler house attached, 20x35, built 15 months; about ½ acre land; close to cars (25 minutes to city), schools, churches, etc.; option of leasing all or part of 28 acres adjoining and splendid house cheap; possession when desired; easy terms; splendid opening in the best city in the world. Apartment No. 2, The Loudoun, East Capitol St., Washington, D. C.

FOR SALE—Wholesale greenhouse establishment, 10,000 sq. ft. glass, about 4 acres land, 5-room residence, barn and sheds; independent water system, piped everywhere; has always been a money maker; located half way between Chicago and St. Louis, ship either way; also fine local market for lettuce; owners wish to retire and move to California; price, $8500. ⅓ cash, balance long time; everything in good condition; possession any time; now stocked in carnations, sweet peas, smilax, Sprengeri and plumosus. Address Louis Miller & Son, Box 466, Peoria, Ill.

FOR SALE—Glass; 100 boxes D. S. A., new, fine quality; will sell all or part at right price. W. B. Davis & Co., Aurora, Ill.

FOR SALE—Second-hand pipe; a fine lot of 2-inch pipe, guaranteed sound; write us for prices. Baur Gas Co., Eaton, Indiana.

FOR SALE—My Seedling Transplanter; with it you can set in 5000 plants per day; send for circular. Albert A. Sawyer, Forest Park, Ill.

FOR SALE—Retail florist store, stock and fixtures; bargain if bought at once; other business. Cella, 2100 Columbia Ave., Philadelphia, Pa.

FOR SALE—A white enamel florist's ice box, 6 feet high, 6 feet wide, 2½ feet deep, equal to new, our make; $75.00 f. o. b. St. Louis. Address The Brecht Co., St. Louis, Mo.

FOR SALE—The prominent and good paying retail florist business of Otto Hiersekorn, St. Paul, Minn., established and doing very desirable business for 24 years; wish to retire.

FOR SALE—Seven thousand feet of glass, well stocked; good dwelling; my price is right if you mean business. Mrs. May Bradley, Elwood, Indiana.

FOR SALE—Greenhouse property, well stocked, 8,000 feet of glass, in good condition; reason for selling, poor health. For particulars address H. W. Collins, Doylestown, Bucks Co., Pa.

FOR SALE—Good ice box for flowers, 87 inches high, 48 inches wide, depth 28 inches; price, $50.00. For further information address Fannie L. Miller, 24 So. Beaver St., York, Pa.

IF IN NEED OF FARM HELP, SUCH AS HERDSMEN, GARDENERS, POULTRYMEN AND DAIRYMEN, APPLY TO BARON DE HIRSCH AGRICULTURAL SCHOOL, OF WOODBINE, N. J.

Gardener Wanted

FOR PRIVATE PLACE

Young unmarried man preferred. Must be sober and have knowledge of growing and caring for flowers and vegetables; 4 acres of ground. Good home and wages to right party. Canadian, American or German preferred. Location about 200 miles from Toronto. Address

DUNLOP'S, 96 Yonge Street, Toronto, Canada

WANTED

First-class foreman (married man), for general retail place where plants and cut flowers are grown; one that can handle the trade and knows something about landscape work. No drinking man wanted.

J. J. LeBORIOUS, -:- Duluth, Minn.

HELP WANTED

In large southern city, a good, sober gardener for private residence, one who can take care of garden and who understands the care of hothouse plants. Prefer party who has previously worked in the south.

Address No. 127,
Care Florists' Review, Chicago.

HELP WANTED

Rose and Carnation Grower

Must be first-class man who understands the growing of the above for profit. Good opportunity for right party. Single American or German-American preferred. State salary expected and send references in first letter.

The H. Weber & Sons Co., Oakland, Md

Cash for Your Property or Business. I bring **buyer** and **seller** together, no matter where located. If you want to buy or sell, address **FRANK P. CLEVELAND, 2780 Adams Express Building, Chicago, Ill.**

HERE'S A CHANCE

15,000 square feet of modern glass for sale, built four years, two acres of land. Fastest-growing town in eastern Pennsylvania. Stocked with carnations and sweet peas. Sell 50,000 vegetable plants in spring. Within 18 miles of five large cities. Will sell cheap.

Address No. 68, care Florists' Review, Chicago

NOTICE!

My store at 326 W. Jefferson Street was destroyed by fire January 31. Am now located at 615 Fourth Avenue, and ask all who issue Catalogues or Price Lists to mail same to the new address.

WILLIAM WALKER
615 Fourth Ave., LOUISVILLE, KY.

PACIFIC COAST.

A Pacific coast seed store is shown on page 16. It is that of the Germain Seed and Plant Co., Los Angeles.

CALIFORNIA YELLOW BELL.

In the Pacific Coast Department of The Review of January 18 I noticed the following inquiry from J. W. I.: "Please give me the scientific name of the plant known as the California yellow bell." Its botanical name is Emmenanthe penduliflora and it belongs to the family of hydrophyllaceæ.

Albert Aldinger.

In a recent issue of The Review I noticed an inquiry as to the scientific name of the so-called California yellow bell. As a resident of California, I must confess that I never heard of such a name and I think it must be a local name, which could be applied to many of our wild flowers. "The Flora of Middle California," by Professor Jepson, does not mention it, nor can it be found in "Wild Flowers of California," by Mary Elizabeth Parsons. I think J. W. I. has reference to Calochortus Benthami, found anywhere from Mariposa to Butte county. Still, he may refer to Calochortus amabilis, also known as the golden lily bell or globe tulip. The latter is of a more erect habit and is eight to twelve inches high, with the radical leaf ten lines long and four to six lines wide. The flower is a clear yellow. It would be advisable for J. W. I. to send a fair specimen of the plant in bloom, buds, roots, leaves and all, to the botanist of Stanford University, Palo Alto, Cal., or to the University of California, Berkeley, Cal., where it can be identified.

H. K.

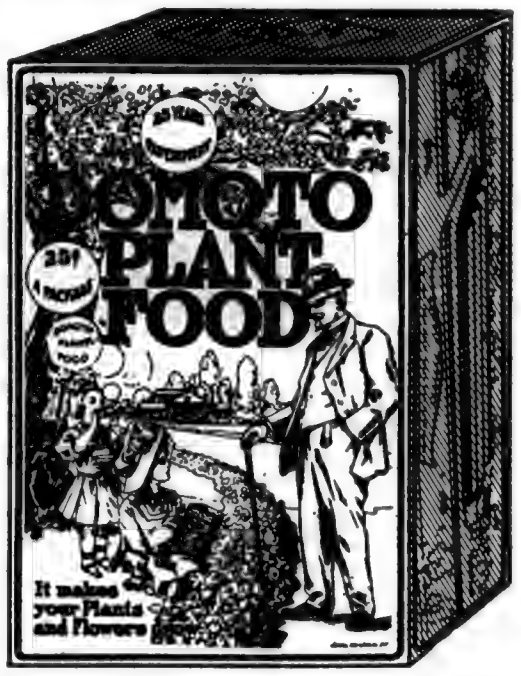
[Bailey's "Cyclopedia of American Horticulture" and other dictionaries confirm the statement made in the first of the two foregoing replies, that the botanical name of the plant commonly known as the California yellow bell is Emmenanthe penduliflora, and it seems reasonably certain that this is the flower referred to in the inquiry. It is just possible, however, that the name California yellow bell might refer locally to other flowers, as H. K. suggests. Bailey describes the emmenanthes as follows: "They grow nine to twelve inches high, forming bushy plants, each branch loaded with broadly bell-shaped, pendulous, unwithering flowers, about half an inch long, of creamy yellow. The general effect of a branch suggests the lily of the valley, but the foliage is pinnatifid."—Ed.]

SAN FRANCISCO.

The Market.

Never in the history of the local trade has there been such a profusion of flowers as we have at this time. Violets, daffodils, narcissi and fruit blossoms by the millions are being brought to town daily and the end is nowhere in sight. With no cold weather for the last six weeks, but warm sunshine instead, everything is a bit early and flower buyers have never had such opportunities as they now enjoy, thanks to the California climate. That this is a profitable condition for the retailers and wholesalers is an impossibility, and only the street hucksters are benefited, on account of the fact that they can spread their baskets on the open sidewalks all day long without any interference from the elements.

There has been a fair amount of funeral work for almost all the dealers, but in all other lines business has been slack. Lent is almost here and this will further tend to make everything quiet, so that the prospect at present is not assuring to the retailer. Shipping trade, which was heavy in January, has dropped somewhat, for the same reasons as the general trade in town. The prospects for Easter, however, seem to



ヒリヤウ

What Is It?

It is a vegetable fertilizer.
It is absolutely odorless.
For potted plants, lawns and gardens.
25c per package.
Distributors wanted in each state. Write for particulars.

North American Mercantile Co.
318-320 Front Street
San Francisco, California

Mention The Review when you write.

Direct Importations---Tree Fern Stems

Due to arrive in the early spring of 1912.
The grandest and most graceful of all decorative plants.

Alsophila robusta, Dicksonia Antarctica, Dicksonia squarrosa, Cyathea medullaris, Cyathea dealbata, Cyathea Smithii Cyathea Cunninghami.

All sizes from three feet up.

We will also receive specimen plants of Platyceriums and Todeas,

Prices and particulars on application.

MacRORIE-McLAREN COMPANY

711-714 Westbank Bldg., SAN FRANCISCO, CAL. Nurseries, SAN MATEO, CAL.

Mention The Review when you write.

JAPANESE LILY BULBS

For Advance Orders—1912 Fall Delivery
All orders will be highly esteemed before April or May.

Lilium Giganteum, Longiflorum, Formosa, Multiflorum, Magnificum, Melpomene, Rubrum, Album, Auratum, etc.

Let us supply your wants in Lilies this season. Large stock, far below price, strictly choice, high-grade. Connect directly with growers and exporters in Japan. Write for price list for 1912. **Time is now.**

Japan LIlium Co., 926 40th St., Oakland, Cal.

Mention The Review when you write.

Asparagus Plumosus and Sprengeri

Out of 2-inch pots, $3.00 per 100.

Phoenix Canariensis, out of 2½-inch pots, $5.00 per 100.

Washingtonia Sonorae, out of 2-inch pots, $5.00 per 100.

H. KEMPF, Pacific Nursery

3041 Baker St., SAN FRANCISCO, CAL.

Mention The Review when you write.

VIOLETS

CUT BLOOMS—NOW AT THEIR PRIME

SPECIAL PRICE:
85c per doz. bunches, in lots of 5 doz.
Less quantity, $1.00 per doz. bunches.
F. O. B. San Francisco.

I am the pioneer and largest shipper. I have a special GIANT variety, single, dark purple, a wonderful keeper. Am now shipping regularly to florists in Omaha, Kansas City, etc., and not a box has arrived in bad condition. Have shipped successfully to New York. **Order a trial shipment.**

MRS. R. E. DARBEE,
1974 Bush St., San Francisco, Cal.

Mention The Review when you write.

Here's What You Want
California Decorative Greens
Colored a Rich Red.

Including Mexican Ivy and other equally useful foliage at reasonable prices.
I am shipping to all points in the United States.
Write me
C. EADEN LILLEY, Wholesale Florist **Santa Cruz, Cal.**
Mention The Review when you write.

be good, from what reports are in the air. Easter lilies will be in good quantity, from all appearances, and the growers are not apparently making any effort to raise the prices to a great extent.

Various Notes.

D. M. Ferry, Jr., and wife, with a party of friends from Detroit, Mich., are in town in the course of their tour of Pacific coast points of interest.

E. Wagner, of San Lorenzo, is cutting thousands of early daffodils. He has a larger acreage of the later varieties, however, and will be in shape to cut from now until the middle of May.

The San Francisco Call and the Oakland Tribune and Enquirer each issued a special seed and plant edition February 11, which were well patronized by the local florists, seedsmen and nurserymen.

The Pacific Coast Horticultural Society had an outdoor meeting on the Crocker grounds, near San Mateo, February 11. About 100 people enjoyed the many floral treats at this celebrated place.

John Melmann, of Portland, Ore., is in town on a short visit. G.

SEATTLE, WASH.

The Market.

Valentine's day helped considerably in the sale of all kinds of cut flowers and pot plants. Since then the sale has not fallen off much, and, though there is a surplus of some kinds of flowers, a better demand is now looked for. Carnations are still rather too plentiful for good prices. All colors, except red, which have been scarce, are in heavy supply. Home-grown violets are selling well, the mild season helping the crop, and they are competing well with the California stock, which is shipped in here in large quantities. Narcissi, tulips and hyacinths are here in plentiful supply and are cheaper than usual at this time of year. Roses are now fairly plentiful, but there is no great sale for them. Orchids are to be seen in most of the stores now; a few years ago an orchid was seldom seen in a store in this town. Azaleas are now the favorite pot plant and fine specimens are bringing what mediocre plants were sold for last year.

Club Meeting.

The Florists' Club held its usual monthly meeting in the Chamber of Commerce building, February 13. There was not so large an attendance as usual. Some of the members had some funeral work in hand and possibly the inclement night may have accounted for the absence of a few, though it was noticeable that the members present were ones who had much farther to come than would those who were absent. It is almost essential to the success of an organization such as this that the members attend the meetings as regularly as possible.

Five new members were admitted.

The particular business before the meeting was the appointment of committees and discussion on the forthcoming rose show. It was decided to invite the Tacoma Florists' Club to visit at next regular meeting, on the second Tuesday in March. As there are several matters that require attention, a special meeting is to be called for February 27, when it is hoped all members will be present.

Various Notes.

A bunch of Tacoma florists was over February 10 to practice on the Seattle alleys. A scratch team of the Seattle Florists' Club played them a couple of games and sent them home cheerful, but "flat busted."

A. B. Mathieson wishes to announce that the firm of Mathieson & Johnson no longer exists, the business now being entirely in the hands of Mr. Mathieson.

The weather in this vicinity is remarkably mild. There has been hardly a touch of frost since the first week of the year. Greenhouse men have reason to be thankful in these hard times for the smallness of their coal bills.

After the club meeting, a friendly game was bowled at the Bismarck alleys, the novices, as usual, beating the champions. T. W.

CARNATION CUTTINGS



We prepay on orders for rooted cuttings amounting to $10.00 or more. Unrooted cuttings sent collect. Extra fine, thrifty soil plants in any of the following, $5.00 more per 1000, f. o. b. Loomis.

	100	1000	Unrooted 1000
Dorothy Gordon	$3.00	$25.00	$12.50
Enchantress	2.50	20.00	10.00
R.-P. Enchantress	2.00	18.00	10.00
Alma Ward	2.50	22.50	11.25
Var. Lawson	2.00	18.00	10.00
Harlowarden	1.75	15.00	9.00
Victory	2.00	17.50	10.00

LOOMIS CARNATION CO., D. F. RODDAN & SON, Props. **Loomis, Placer Co., Cal.**
Mention The Review when you write.

Rooted Carnation Cuttings READY NOW

	Per 100	1000		Per 100	1000
Enchantress	$2.00	$18.00	Winsor	$2.00	$18.00
R. P. Enchantress	2.00	18.00	Winona	2.00	18.00
Pure White Enchantress	2.25	20.00	Beacon	2.00	18.00
Dorothy Gordon	3.00	25.00	Victory	2.00	18.00
Pink Delight	3.00	25.00	Eldorado	2.00	18.00

Express prepaid on orders amounting to $10.00 or more.

BASSETT'S FLORAL GARDENS, B. S. BASSETT, Proprietor **LOOMIS, CAL.**
Mention The Review when you write.

50,000 R. C. Carnations

Ready now. No finer or healthier stock to be found anywhere. All heel cuttings, all standard varieties, $2.00 per 100, $18 00 per 1000, except Pink Delight, Mrs. C. W. Ward and Dorothy Gordon—$3.00 per 100, $25.00 per 1000.

El Durasno Flower Co., Newcastle, Cal.
L. A. SMITH, Manager
Mention The Review when you write.

FRED G. EHLE, San Jose, Cal. Wholesale Grower
of Rooted Cuttings and Plants, Roses, Carnations, Chrysanthemums, Petunias, Verbenas and a general line of Bedding Stock. Send for Price List.
Mention The Review when you write.

CURRIER BULB CO.
Wholesale Growers of
Bulbs and Plants
SEABRIGHT, CAL.
Gladiolus and Calla Lilies a specialty. Large stock of America Gladiolus.
Mention The Review when you write.

CARNATION SPECIALISTS
California Carnation Co.
LOOMIS, CAL.
Mention The Review when you write

SHASTA DAISIES

Alaska, California and **Westralia,** extra strong field divisions, $24.00 per 1000; $2.50 per 100.

Cyclamen Persicum Giganteum, 3, 4 and 5-in. pots, $7.00, $12.00 and $20.00 per 100. Fine bushy plants, well budded.

Asparagus Plumosus, 3-in., $5.00 per 100.

Asparagus Sprengeri, 3, 4 and 5-in. pots, $5.00, $8.00 and $15.00 per 100.

Also **Shasta Daisy, Pentstemon Hybridum Grandiflorum, Delphinium Hybridum** and other choice seeds. Send for list.

Cash, please.

FRED GROHE, Santa Rosa, Cal.

R. D. 4.

Mention The Review when you write.

	Each	Per 100
Duranta Plumieri, 6-in. pots	50c	$40.00
Phoenix Reclinata, 5-in. pots		35.00

All classes of ornamental, nursery and greenhouse stock. Ferns and palms at right prices

STAIGER & MUNDWILER

1940-6 W. 22d St., Los Angeles, Cal.

Mention The Review when you write.

HOWARD & SMITH

Ninth and Olive Sts., Los Angeles, Cal.

For all classes of

Ornamental and Flowering Plants

Roses a Leading Specialty

Nurseries cover nearly 100 acres.

Mention The Review when you write.

Asparagus Sprengeri

Cut Sprays, 2 to 4 feet long,

$1.00 - per 100

Walter Armacost

OCEAN PARK :: CAL.

Mention The Review wher you write

FLOWER POTS

You want the best. Why buy inferior pots when you can get the best at the same price? Write for price list and samples today.

Standard Pottery Co.

652-54 S. Griffin Ave., Los Angeles, Cal.

Mention The Review when you write.

J. A. Bauer Pottery Co.

415 to 421 Avenue 33, Los Angeles, Cal.

Carry a large stock of nice **Red Pots.** All orders shipped promptly.

Largest Pottery on Pacific Coast.

Mention The Review when you write.

BARGAIN PRICES

Selling out all nursery stock except Kentias. **Areca Sapida,** potted, 2, 2½, 3, 3½, 4, 4½, 5, 5½-feet, at $1.20, $1.40, $1.80, $2.30, $2.90, $3.50, $4.20, $4.80 each. **Phoenix Canariensis,** balled and ready for shipment, 3, 3½, 4, 4½, 5, 5½-feet, at 60c, 80c $1.00, $1.20, $1.45, $1.75 each. **Phoenix Can.,** from 2½-inch, $5.00 per 100. **Washingtonia Rob.,** from 2-inch, $4.50 per 100. **Cocos Plumosa,** balled, 3, 4, 5, 6, 7 feet, at $1.50 $2.00, $3.00, $4.50, $6.00 each.

Write for special prices on carload orders.

Kentia Nurseries. - Santa Barbara, Cal.

Mention The Review when you write.

PALMS PALMS PALMS PALMS PALMS

WASHINGTONIA ROBUSTA

1, 1½, 2, 2½, 3 and 3½ ft., at 25c, 30c, 40c, 45c, 55c and 75c each (balled plants). Ask for our Wholesale Palm List of all kinds of Palms (Cocos, Phoenix, Seaforthia, etc.) State quantity wanted.

EXOTIC NURSERIES, Santa Barbara, Cal.

PALMS PALMS

Always mention the Florists' Review when writing advertisers.

...NEWS NOTES...

Covina, Cal.—C. M. Weaver is looking for an opening to start a nursery and florists' business and may conclude to locate at Grass Valley, Cal.

Tacoma, Wash.—E. R. Roberts, well known in the trade, has been employed by two local newspapers to give the public free personal advice on gardening.

Puyallup, Wash.—M. B. Graham, of Burton, Wash., has purchased some property here and is building several greenhouses, in which he will grow both vegetables and flowers.

Eugene, Ore.—H. Newton's greenhouses on South Willamette street have been sold to a Mr. Lawrence, who recently came from California. Mr. Newton has purchased a 20-acre farm of river bottom land near Thurston.

Los Angeles, Cal.—The La Habra Nursery Co. has been incorporated, with $5,000 authorized capital stock, of which $750 has been subscribed. The directors are M. Taniguchi, M. Maruyama and K. Inouye.

Seattle, Wash.—The Seattle Cut Flower Exchange is removing to 1608 Second avenue, where it is intended to continue the wholesale business in cut flowers, pot plants, etc., as previously carried on at 906 Post street. L. P. Walz is the manager.

Everson, Wash.—McMillen & Barnum, who conduct a market garden business, have a farm of eighty acres here and also have property covering seven and one-half acres inside the city limits of Bellingham. At the city place they are gradually branching into the flower trade and they are also making a beginning in the development of a nursery department.

Livermore, Cal.—David Nicol recently started in the florists' business here and believes there is good prospect for success. E. B. Guerry, who has been gardener on private places here, wishes to start in business for himself, but thinks the opening for another florist in San Francisco may be better than for two florists here, and has gone to San Francisco to see how things are.

Los Angeles, Cal.—C. F. Gutting, proprietor of the Superior Nursery, grows plants and trees only, and is doing a large business, averaging $1,000 per month. He has 10,400 feet of glass, four large lath houses and eighteen acres in cultivation at Wilmington, Cal. Cyclamens are among his specialties and he supplied practically all the local stock of these for Christmas. His shipping trade covers the southwest.

Cottage Grove, Ore.—H. K. Metcalf and L. P. Sanford have opened a flower store here and will also handle seeds and bulbs, besides a few side lines, such as tea, coffee, candy, etc. One of the latest additions to their stock is goldfish, which they find to be attractive and profitable. They have named their establishment the Metsan Shop, forming the word Metsan by combining parts of their own names. Their place is noted for its unique and tasteful appearance.

It Pays

To Pacific Coast Florists:

What stock have you for sale to the trade? Is it moving as it should? No?

Then tell the trade about it by using the Pacific Coast Pages of The Review.

Pacific Coast advertisers almost invariably report good results. Like this:

We are well pleased with the results obtained by advertising in the Pacific Coast Department of The Review. We sold out clean for Thanksgiving and refused many orders. The Review surely gives results.—Van Slyke & Seamons, Tacoma, Wash., November 30, 1911.

The transient rate for space is $1 per inch per insertion. Those who have stock to offer all or a considerable part of the year around should write for contract rates.

Florists' Publishing Co.

508 So. Dearborn Street : CHICAGO

LOS ANGELES.

The Market.

Valentine's day and a large amount of funeral work made February 13 and 14 two of the busiest days ever known in the history of the flower trade here. One wholesaler said the former day was busier than the day before Christmas. Stock of all kinds has been coming in large quantities, but the fine demand keeps it cleaned up well. Indoor roses are among the scarcer items and carnations had to be substituted for short roses. There are some fine flowers still coming from the north and a large number of fine Easter lilies are also shipped in bud, to open up in the stores. Violets are still overplentiful and signs on the street stands read, "5 cents per bunch." Freesias are abundant and of good quality; so, also, are Dutch hyacinths from the open air, and daffodils, the latter being now at the height of their season.

As a filler for good funeral pieces the new marguerite, Mrs. F. Sander, is becoming more and more popular and there appears to be a great future for this as a cut flower in this section. Among greens, good adiantum still seems difficult to get, but the other kinds are plentiful. All other items are about equal to the demand.

Various Notes.

Harry Bailey, of Montebello, has been cutting a fine grade of freesias from under a cloth shading. The flowers are a purer white and have much longer stems than from plants grown entirely in the open.

Although nearly four miles from the end of the nearest car line, none of the visitors to Los Angeles leave without taking a run out to the Dieterich & Turner plant, at Montebello, and the genial Henry Turner is always there with the glad hand for all. His rose, Montebello, is magnificent—a large, clear pink, with grand stem and neck, the base of the petals showing a yellow shading that is quite telling. Stock of this variety is still somewhat scarce, but large blocks of all other varieties are coming along in fine shape to meet the spring demand. Advance orders are heavy already, 10,000 of one novelty being the order of a single local nurseryman.

Sidney Hockridge, of the City Nurseries, Redlands, has been taking a swing around the country to note the damage done by the recent frost—very little around "lovely Los Angeles." Mr. Hockridge will be remembered as the disseminator of the Pink Cherokee rose.

Staiger & Mundwiler are filling every spare corner of their houses with tomato and other vegetable plants for retailing. The young stock of palms, ferns and other plants looks well.

Mexican ivy is a big specialty with Tassano Bros. at both their places and the stock now arriving is excellent.

Valentine's day and the Van Nuys funeral made every retailer in town busy February 14. It is useless to mention the names of all.

Creutz & Co. are well satisfied with their new location and are now in position to handle the large cuts of spring flowers that are consigned to them. "Business is fine," says G. M. Creutz.

H. N. Gage says his only trouble is that he is not getting sleep enough and he has purchased a new alarm clock. He still looks well, though, in spite of it all. Immense quantities of stock are now handled by this popular wholesaler and out-of-town shipping business is excellent.

J. L. Young, of San Gabriel, is sending in magnificent Freesia Purity. Mr. Young is going to build another 100-foot house this year.

The window at Thee Florists was unusually pretty for Valentine's day, orchids, valley and daffodils being tastefully shown. In addition to a big funeral demand, Frank Lichtenberg says baskets are selling remarkably well.

SPRING FLOWERS

Daffodils, Hyacinths, Freesias and Tulips

We are handling the finest grades of these and can supply all demands. We make daily shipments to all points. Roses, Carnations, Violets, Valley and all other stock in season. Greens of all kinds. A trial order will convince you of the merits of our stock. Write, phone or telegraph.

CREUTZ & CO.

403 W. Eighth St., Home Phone F. 5407. Los Angeles, Cal.

Mention The Review when you write.

Los Angeles Flower Market

CHAS. E. MORTON, Mgr. 414½ S. Broadway, Los Angeles, Cal.

The best equipped wholesale house on the Pacific Coast. Handling the entire cut from eighteen large growers. Roses, Carnations, Violets, Plumosus, Ferns, Smilax, in fact everything in season.

FLORISTS' SUPPLIES

Write, telegraph or telephone your orders. Prompt attention given.

Mention The Review when you write.

Sweet Peas For Northern Shipments

also fine assorted Stocks, Gilliflowers and Sweet Sultans — lavender and white.

SAN FRANCISCO DEALERS PLEASE NOTE

Cut Flowers, Greens and Florists' Supplies

Orders booked now for new crop seed when ready. **Asparagus Plumosus**, $2.00 per 1000. **Asparagus Sprengeri** (ready now), 50c per 1000; $3.00 per lb. Small quantity of **Smilax** seed left, 1911 crop, cheap to clear. These prices are net. All orders from unknown parties must be accompanied by either cash, money order or certified check.

Publishers of Florists' Design Books kindly correspond with us.

H. N. GAGE CO., Wholesale Florists and Supplies, 534 SOUTH BROADWAY, **LOS ANGELES, CAL.**

Mention The Review when you write.

READY NOW

MARGUERITE MRS. F. SANDER

Greatest novelty in cut flowers of the new century and also a fine Easter plant. As a groundwork for funeral pieces it is unsurpassed, lasting longer than the best carnations. Everblooming, long lasting and perfectly hardy in California.

Fine plants from sand.....per 100, $3.00; per 1000, $25.00
Fine plants, from 2-inch pots.....per 100, 5.00; per 1000, 45.00

DIETERICH & TURNER

MONTEBELLO, CAL.

THE PROGRESSIVE FIRM

Mention The Review when you write.

MEXICAN IVY-Best and most lasting Green

Prices f. o. b. Los Angeles or Santa Cruz, Cal.

Mexican Ivy	1000,	$5.00
Brake Ferns	1000,	2.50
Smilax Strings,	doz.,	1.50
Asp. Plumosus	..doz.,	3.50
Huckleberry,	bunch,	.50

All Classes of Greens and Cut Flowers

Cash from unknown parties

TASSANO BROS., Wholesale Florists. 356 S. Hill St., 304 W. 9th St., **Los Angeles, Cal.**

Mention The Review when you write.

4000 Poinsettia Plants

Large field-grown plants, 1 to 10 years old, $10.00 to $15.00 per 100. Must sell. Lease expires. Whittlesey Floral Co., 1017 S. Boyle Ave., Los Angeles, Cal.

Mention The Review when you write.

Record breaking business for this season is reported by C. Morton, of the Los Angeles Flower Market. Daffodils and other spring flowers are most in evidence just now and these are most successfully shipped in all directions.

The sympathy of all his friends in the trade will be with Albert Knopf, of the Redondo Floral Co., in the death of his brother, Fred. Although he had been ailing some time, the end came rather suddenly February 13. Albert, we are glad to report, was feeling much better.

At a hastily summoned meeting of the Los Angeles County Horticultural Society, February 10, a resolution endorsing Wm. Woods as the successor to the late A. R. Meserve as horticultural commissioner was adopted. If merits count, Mr. Woods' knowledge of local conditions and his experience gained as state quarantine officer, as well as his oft shown reluctance to put the trade to inconvenience in the performance of his duties, should insure his obtaining the post.

Visitors: Martin Reukauf, representing Bayersdorfer & Co., of Philadelphia; D. MacRorie and J. McClellan, of San Francisco; T. Smith, of Cleveland, O. H. R. Richards.

PORTLAND, ORE.

St. Valentine's was a surprise to everyone. While there was plenty of stock on hand, the way it was cleaned up was unexpected. Violets, red roses, carnations and tulips were the best sellers. Azalea and tulip pans also moved well. Chinese New Year also creates a demand for flowers, but only for Romans and azaleas; it seems impossible to sell the Chinese anything else. A batch of azaleas is specially grown for the occasion. Spring flowers are more abundant, which readily accounts for the surplus of carnations and general stock.

R. C. Cook has been in the hospital for several weeks, but is reported to be improving slowly. E. R. C.

TACOMA, WASH.

The Market.

The weather during the last few weeks has been favorable—indeed, too favorable—for the growing of greenhouse stock. The prevailing sunshine has brought on a big crop of carnations and we now find the growers facing the first real glut of the season. Other stock is none too plentiful. Violets and roses are still scarce and are moving well at good prices. Bulbous stock is coming in slowly and it looks now as if much of it would bloom outside. Lilies for Easter seem to be moving slowly and all report an unusual amount of disease this year.

Various Notes.

The committee on entertainment made big preparations for the ladies' visit on Thursday evening, February 15. Beginning at 8 p. m., a program lasting about two hours was rendered. Some good music was furnished by a quartet consisting of Fred Smith, Ed. Goldsack, Louis Tschunko and H. W. Manike. Readings by A. G. Seamons, Henry Benthein and others were given, after which refreshments were served and the remainder of the evening was spent in dancing.

CHUCK THAT ASTER SEED

If it doesn't produce good flowers, and **get** our **carefully selected seed** of only the **best American asters.** Our undivided personal attention to this crop is what makes the **quality of seed second to none.**

	⅛ oz.	¼ oz.	½ oz.	1 oz.
Crégo Aster, in white, shell-pink, rose-pink, lavender and purple	$0.40	$0.75	$1.50	$3.00
Vick's Mikado Pink "Rochester," a lavender-pink	.40	.75	1.50	3.00
Daybreak and **Purity,** delicate pink and snow white	.30	.55	1.10	2.00
Lady Roosevelt, bright pink	.25	.50	.70	1.00
Dreer's Superb Late Branching, in five colors of Crego	.25	.50	.70	1.00

Ask for descriptive circular. Send cash with order.

HERBERT & FLEISHAUER, Aster Specialists, McMINNVILLE, ORE.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

	R. C. 100	R. C. 1000	2½-in. pots 100	2½-in. pots 1000
Enchantress	$2.50	$20.00	$3.50	$30.00
White Enchantress	2.50	20.00	3.50	30.00
Winsor	2.50	20.00	3.50	30.00
Harlowarden	$2.50	$20.00	$3.50	$30.00
Beacon	3.00	25.00	4.00	35.00

Chrysanthemum Cuttings, all leading varieties, at $2.00 per 100, $15.00 per 1000.

Woodland Park Floral Co. S. Poolman, Mgr. P. O. Lock Box 86. SUMNER, WASH. Phone Farmers 84.

Mention The Review when you write.

Japanese Genuine Lily Bulbs

We book orders now. Don't miss it. The stock we offer is grown for American trade and strictly choice, high-grade. Write for price list for 1912. Specialists in all kinds of Japanese Lily Bulbs.

S. MIYAKE & CO., 1020 Main St., SEATTLE, WASH.

Mention The Review when you write.

"HIGHEST QUALITY"

Seeds, Plants, Bulbs and Supplies

Florists' and Gardeners' Trade solicited. Catalogue on request.

Routledge Seed & Floral Co.

169 SECOND ST., PORTLAND, ORE.

Mention The Review when you write.

BURNS FLORAL CO.

601 Third Avenue
SEATTLE, WASH.

WHOLESALE FLORISTS

Carnations a Specialty

Mention The Review when you write.

RAHN & HERBERT

110 E. 49th St., PORTLAND, ORE.

GERANIUMS

2-in. pots. Hill, Nutt, Jacquerie, Trego, Chapatin, Landry, Buchner, $3.00 per 100; $25.00 per 1000. Hall Caine, $5.00 per 100. Ivy Geranium, Baden Powell, Charles Turner, Ryecroft's Surprise, $3.50 per 100. Daisy, Mrs. Sander and Soleil d' Or, 2-in. pots, $5.00 per 100.

Palms, Ferns and Araucarias.

Mention The Review when you write

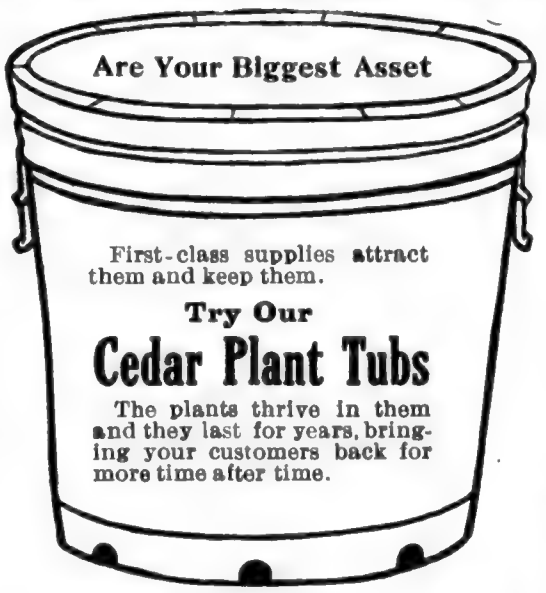
A party of the local florists got together on Saturday, February 10, and made a visit to Seattle, expecting to surprise our friends there in their practice game, but some traitor had tipped us off and we were met at the train by Messrs. Holze and Stuber. On arriving at the alleys, we found that the surprise was on us, for the bowling team was there, ready for us, and before we recovered they had taken two games from us.

The Tacoma Rose Society went before the park board this week, asking that a landscape gardener be appointed to confer with citizens of the city in regard to laying out and planting lawns, parking strips, etc.

The next regular club meeting will be held March 7. J. L. S.

THE REVIEW sends Scott's Florists' Manual postpaid for $5.

Satisfied Customers



First-class supplies attract them and keep them.

Try Our

Cedar Plant Tubs

The plants thrive in them and they last for years, bringing your customers back for more time after time.

PATTON WOODEN WARE CO.

SEATTLE, WASH.

Mention The Review when you write.

Choice Cyclamen, grown cool, full of blooms 6-in., 65c, 75c; 5-in., 50c, 60c. **Sprengeri and Plumosus Nanus,** 3-in., $6.00 100. **Geraniums,** 3-in., $5.00 100. **Carnations,** March delivery: Beacon, $25.00 1000; Perfection, White and Pink Enchantress, Sangamo, Alma Ward, $20.00 1000. **Mum Stock,** standard varieties, $4.00 100. Smith's Advance, Gloria, Sisowath, Donatello, Patty, Polypheme, Western King, $5.00 100. **Two-year-old Rose Bushes, Perennials, etc.**

Van Slyke & Seamons, Tacoma, Wash.

Mention The Review when you write.

Pasadena, Cal.—Miss Sadie A. Thomas has been florist for the Raymond hotel here for the last four years.

Roseburg, Ore.—The Fern Island Fruit Farm and Greenhouses is the firm name under which F. D. Owen and wife conduct their business partnership. Mr. Owen is the orchardist and Mrs. Owen the florist. She has a new greenhouse 30x75, stocked with miscellaneous material for a local retail trade, which is handled from a stand in a downtown candy store. The demand is so good that an addition to the glass is looked forward to.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Wolfe the Florist
in **WACO, TEXAS**
The center of Texas.
Send us your Orders for Cut Flowers.

Orders for
BIRMINGHAM, ALA.
Well taken care of by
AMZI GODDEN SEED CO.
Established 1857.
Facilities for supplying everything in the line of
CUT FLOWERS AND DESIGNS

BUFFALO
S. A. ANDERSON
440 MAIN STREET
Special Deliveries Niagara Falls and Lockport

Write, Wire or Phone your orders to
YOUNG'S
1406 Olive St., ST. LOUIS, MO.
Regular discount allowed on all orders, either Plants or Cut Flowers.
Phones: Bell, Main 2306; Kinloch, Central 4381

SAN FRANCISCO
Podesta & Baldocchi
224 Grant Avenue
Prompt and careful attention to orders from out-of-town florists

The Cleveland Cut Flower Co.
CLEVELAND, OHIO
Will fill your orders for Designs or Cut Flowers in Northern Ohio.

MARION FLORAL CO., **Marion, Ind.**
Central Northern Points. Store: 406 South Adams

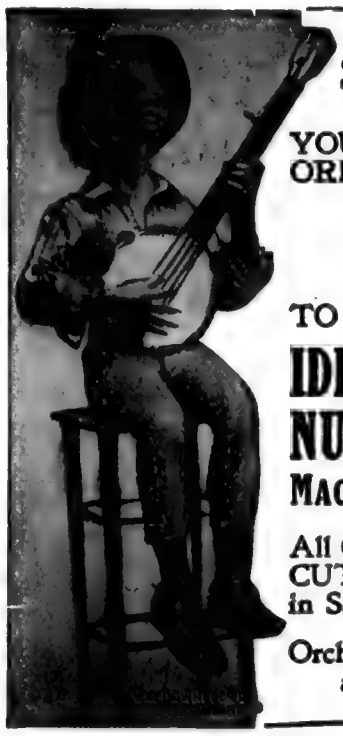
PROVIDENCE, R. I.
and all New England Points
T. J. JOHNSTON & CO.
171 Weybosset Street, Providence

BEYER FLORAL CO. SOUTH BEND, IND.
Daily deliveries to Notre Dame University and St. Mary's Academy.

MADISON, WIS.
Capital City Greenhouse Co.
Best Shipping Service for Wisconsin

All orders receive prompt and personal attention.
LOU HELEN DUNDORE, THE ROSERY
110 W. King St., LANCASTER, PA.

CORNELL and WELLS COLLEGES and
CENTRAL NEW YORK ORDERS
Dobbs & Son, Wholesale and Retail Florists, Auburn, N.Y.



SEND
YOUR ORDERS FOR
DIXIE LAND
TO
IDLE HOUR NURSERIES
MACON, GEORGIA
All Choice CUT FLOWERS in Season
Orchids and Valley a specialty

BOSTON, MASS.
143 Tremont Street
War Brothers
THE CENTRALLY LOCATED FLORIST SHOP
"Yours for Reciprocity"
We cover all points in New England.

I. N. KRAMER & SON
CEDAR RAPIDS, IA.

Chas. W. Crouch, KNOXVILLE, TENN.
The Leading Florist of the South
All Orders Given Special Attention

NEW YORK.

The Market.

May could hardly offer a lovelier day than began the present week. Everybody now is predicting an early spring and the seedsmen especially are ready for it. But we are not out of the woods yet; several blizzards are on the weather prophet's program. It is only a week ago that we were shivering in zero temperature. The transition is too sudden to last.

The cut flower market is flooded with roses, the last three sunny days bringing in the blooms, and shipments are growing daily. Prices have fallen. Lent is here to add to the depression and the holiday Thursday will complete the problems of the present week. The only shortage of the last week was in American Beauties. Prices for these were strong in a bear market. Nothing else, not even orchids, felt an uplift. Violets suffered a big slump and the street merchants and the department stores had a jubilee. The surplus was enormous and the store demand light. A few specials in bunches of 100 brought 40 cents. There

We Guarantee Satisfaction
A. T. Bunyard FLORAL CO.
413 Madison Ave., Cor. 48th St., NEW YORK
Bellevue Avenue, Newport, R. I.

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand.
McKenna FLORIST
MONTREAL

FRED EHRET
WHOLESALE AND RETAIL FLORIST
1407 Fairmount Ave. and 702 N. Broad St.,
PHILADELPHIA
Orders for Philadelphia and surrounding country carefully filled on short notice.

MYER L. D. Phone 5297 Plaza
609-11 Madison Ave., New York

WELLESLEY COLLEGE
Dana Hall, Walnut Hill, Rockridge Hall Schools
TAILBY, Wellesley, Mass.
Long Distance Tel., Wellesley 44-1, 44-2, 44-3.

TEXAS Dallas Floral Co.
DALLAS, TEX.
H. F. GREVE, Prop.

Rosemont Gardens
W. B. Paterson, Prop., 116 Dexter Ave. MONTGOMERY, ALA.

HESS & SWOBODA, FLORISTS
Telephones 1501 and L 1582
1415 Farnum Street OMAHA, NEB.

U. J. VIRGIN
838 Canal St. NEW ORLEANS, LA.

Lang Floral & Nursery Co., DALLAS, TEXAS.
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

Prompt and personal attention given all orders.
MRS. J. T. HINCHLIFFE
FLORIST
504-506 Wisconsin St., RACINE, WIS.

GEO. C. BAKER, Florist
206 E. Park Ave., San Antonio, Texas

VERMONT'S FLORIST
W. E. PETERS
187 St. Paul Street, BURLINGTON, VT.

Baltimore, Md.
ALBERT G. FIEDLER & CO., 902 South Charles St.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

J. A. VALENTINE, Denver, Pres.
Other Directors: Ernst Wienhoeber, Philip Breitmeyer, A. B. Cartledge, W. F. Gude, George Asmus, Fred H. Meinhardt.
Mutual Discounts 20 per cent.
Provision for guaranteed accounts

W. J. PALMER, Buffalo, Vice-Pres.

Florists' Telegraph Delivery

(RETAILERS' SECTION—S. A. F. & O. H.)

W. L. ROCK, Kansas City, Treas.
Write for particulars to
IRWIN BERTERMANN, Secretary,
341 Massachusetts Avenue,
Indianapolis, Ind.

CHICAGO

Send Your Orders to..

William J. SMYTH

Member Florists' Telegraph Delivery Association. Michigan Ave., at 31st St.

New Orleans,

LOUISIANA

Yours for Quality and Promptness.

30 Years of Success.

THE AVENUE FLORAL CO.
3442 St. Charles Ave.

Los Angeles, Cal.

THE ROSERIE
FLORIST
LARGEST STORE IN CALIFORNIA
721 SOUTH BROADWAY
C. J. MULLER, Proprietor
Orders for Designs or Cut Flowers promptly filled. Trade discount.

HAYWARD FLORAL CO.

216 West Sixth St., LOS ANGELES, CAL.

Cut flowers or good design work by best artists and designers, delivered anywhere in the west on receipt of mail or telegraph orders. Usual discount to the trade.

Thee Florists

328 W. Fifth St., Los Angeles, Cal.

We make a specialty of out-of-town orders and solicit your business, which will have our prompt attention. Prices right. Usual discount.
FRANK LICHTENBERG, Prop.

WOLFSKILLS'
and
MORRIS GOLDENSON
Consolidated.
CUT FLOWER MERCHANTS
We solicit telegraph orders.
Regular Trade Discount.
229 W. Third Street, LOS ANGELES, CAL.

S. MASUR

Telephone 334 Main.
286 Fulton Street, BROOKLYN, N. Y.

J. F. WILCOX & SONS,

521 Broadway, Council Bluffs, Iowa.
Wholesale and Retail
Largest Greenhouse Establishment West of Chicago.
Orders delivered anywhere, including Iowa, Nebraska, North Dakota and South Dakota. Free deliveries to Omaha.

The Park Floral Co.

J. A. VALENTINE, Pres.
Member Florists' Telegraph Delivery.
DENVER, - COLORADO

JOHN BREITMEYER'S SONS

Corner Broadway and Gratiot Ave.,
DETROIT, MICH.

DRUMM SEED and FLORAL CO.

507 Houston St., FORT WORTH, TEX.
Headquarters for Cut Flowers and Funeral Designs

J. J. BENEKE

1216 Olive St. ST. LOUIS, MO.

is no complaint as to quality. St. Valentine's day did the best it could to start last week encouragingly.

Carnation shipments are enormous. Except for a few of the best novelties, 2 cents is the top and from that prices range down to even $5 per thousand. Of bulbous stock there is no limit. Every retail window is an epitome of spring, with pansies, daisies, hyacinths, daffodils and tulips in profusion. There is no change in the values of valley, gardenias, lilies or sweet peas. Little improvement is now anticipated before Easter.

Various Notes.

Applications for tables for the Florists' Club's twenty-fifth annual banquet are received daily by Secretary Schenck. Many visitors from a distance will be present. The president of the S. A. F. was one of the first to secure a table. An attendance of 400 is anticipated.

The annual ball of the Greek-American Florists' Association, February 28, will be the largest gathering the

BOSTON, MASS.

Penn, The Florist

"Penn, The Telegraph Florist"
Members of Florists' Telegraph Delivery Association.
37-43 BROMFIELD STREET

CARBONE, 342 Boylston St., BOSTON

Member Florists' Telegraph Delivery Association

Your orders for ATLANTIC CITY, N. J., will be carefully filled by

George H. Berke

1505 Pacific Ave.
Member Florists' Telegraph Delivery.

W. J. Palmer & Son

304 Main St., BUFFALO, N. Y.

Members Florists' Telegraph Ass'n

VASSAR COLLEGE

The Saltford Flower Shop, Poughkeepsie, N. Y.

Special care taken with telegraph orders for
DETROIT AND VICINITY
L. Bemb Floral Co., Albert Pochelon, Prop., 153 Bates St.

Always mention the Florists' Review when writing advertisers.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

LOUISVILLE, KENTUCKY

JACOB SCHULZ, Flower Shop, 550 South Fourth Avenue, Greenhouses, 831 Cherokee Road.

Personal attention given to out-of-town orders for Louisville and surrounding territory. Member Florists' Telegraph Delivery

DARDS,

N. E. Cor. 44th Street and Madison Avenue, NEW YORK

Telephones 4025-4026, 38th Street,

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union — Member Florists' Telegraph Delivery. — Established 1874

Coombs

LEADING FLORIST

Orders solicited for all parts of Connecticut.

Hartford, Conn.

Member Florists' Telegraph Delivery Association.

Indianapolis, Ind.

241 Massachusetts Ave.

Bertermann Bros. Co.

LEADING FLORISTS

Members Florists' Telegraph Delivery Ass'n.

Samuel Murray

KANSAS CITY, MO.

913 Grand Ave.

All Orders Given Prompt and Careful Attention

Member of the Florists' Telegraph Delivery.

Mankato, Minn.

The Windmiller Co.

Will fill orders for Minnesota and the Dakotas.

Member Florists' Telegraph Delivery.

Newark, Ohio

CHAS. A. DUERR, The Arcade Florist

Auto. Phone 1840

Greenhouses, Granville, Ohio—Phone 26

Member Florists' Telegraph Delivery

GALESBURG, ILL.

I. L. PILLSBURY—For Central Ill.

Member Florists' Telegraph Delivery Association.

KALAMAZOO, MICH.

G. Van Bochove & Bro., The Leading Florists

NEW JERSEY

EDWARD SCEERY—PATERSON and PASSAIC

Member Florists' Telegraph Delivery Association.

MRS. J. B. FREEMAN, LEADING FLORIST, Successor to Geo. A. Heinl **Toledo, Ohio**

All Orders Promptly Executed.

Rock's Flowers Kansas City

Wm. L. Rock Flower Co.

KANSAS CITY, MO.

1116 Walnut Street

Members Florists' Telegraph Delivery

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Colorado Springs, Colo.

Frank F. Crump Wholesale and Retail Florist

Members Florists' Telegraph Delivery.

R. Strohmeier, Aberdeen, S.D.

Prompt Attention Given to Out-of-town Orders

Orders for **Charleston, W. Va.** are given prompt and careful attention by the

CHARLESTON CUT FLOWER AND PLANT CO.

Brockman's Flower Shop **Fort Smith, Ark.**

Leading florists in fastest growing city in the southwest.

INDIANA and ILLINOIS

Promptness and very Freshest Flowers.

N. B. & C. E. STOVER, 118 So. 6th St., TERRE HAUTE, IND.

Frey & Frey, 1338 O St. Lincoln, Neb.

Wholesale and Retail

100,000 sq. ft. of glass at your service. Trade discount

Minneapolis, Minn. LEADING FLORISTS

SWANSON'S, 618 Nicollet Ave.

Tonseth Floral Co.

325 Morrison Street

GROWERS AND RETAILERS

Portland, Ore.

Seattle, Washington

Hollywood Gardens

1534 SECOND AVENUE

MEMBERS FLORISTS' TELEGRAPH DELIVERY

ST. PAUL, MINN.

The Largest Store in America.

Members Florists' Telegraph Delivery.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

GUDE BROS. CO. FLORISTS 1214 F ST. N.W. WASHINGTON, D.C.

WASHINGTON, D. C.

GUDE'S

Member Florists' Telegraph Delivery.

Rockford, Ill., H. W. Buckbee

CLARK, FLORIST, SCRANTON, PA.

124 Washington Ave.

Member Florists' Telegraph Delivery. Orders for Northeastern Pennsylvania filled promptly. Usual discount. Both Phones No. 2454.

TERRE HAUTE, IND.

JOHN G. HEINL & SON 129 South 7th Street

---

society has known, an attendance of over 2,000 having been provided for.

The Horticultural Society of New York will hold an exhibition of cyclamen, primula, cineraria, schizanthus and hyacinth plants, and of cut flowers of narcissi, tulips, sweet peas, calla lilies and violets for non-commercial growers, Saturday, February 24, at the Museum of Natural History.

The Greater New York Florists' Association, of Brooklyn, held its annual banquet at Raub's, Thursday evening, February 15. Many hundreds of invitations were sent out by the committee, every wholesale florist and retailer in the two cities receiving this courtesy. The gathering was a delightful one in

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MINNEAPOLIS, MINN.
Funeral designs on short notice. One of the largest establishments west of Chicago.

---

every way. Many ladies were present and after the elaborate menu and the after-dinner speeches had been digested dancing was enjoyed. The officers are: President, D. Y. Mellis; vice-president, Hugo H. Jahn; treasurer, Robert G. Wilson; secretary, Wm. A. Phillips. The directors are F. G. Van Mater, John V. Phillips, J. E. Weir, George I. Laird and Charles Weber. Because of the absence of President Mellis on account of illness, Vice-president Jahn acted as toastmaster. The whole affair reflected great credit on the committee and the short addresses that followed the banquet breathed a spirit of fraternity and commendation. The association has had constantly increasing success since its inception. Geo. W. Crawbuck is its manager.

George Saltford and D. J. Kervan are doing jury duty.

The sympathy of the trade is extended M. C. Ebel, of Madison, in his great bereavement. Mrs. Ebel died Saturday, February 17.

J. Austin Shaw.

Jonathan Nash states that Chas. L. Roberts, of the Somerset Rose Co., Basking Ridge, N. J., in conjunction with Frank L. Moore, Chatham, N. J., and Henry Hentz, Jr., of Madison, and Jonathan Nash, of the firm of

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Always on Time.

Moore, Hentz & Nash, have acquired the property lately owned by the John Young Co., at Bedford Hills, N. Y., comprising ninety-three acres of land and 85,000 square feet of up-to-date greenhouses, which will be under the direction of Moore, Hentz & Nash, Mr. Hentz looking after the growing end of the concern.

I. S. Hendrickson, chairman of the exhibition committee, states that Monday evening, March 11, will be known as rose and orchid night at the New York Florists' Club. Any growers desiring to exhibit these two flowers will have an opportunity to do so, and if they cannot accompany the exhibit, it can be sent to the exhibition committee, care Traendly & Schenck, 131 West Twenty-eighth street, New York, N. Y., to arrive there before four o'clock

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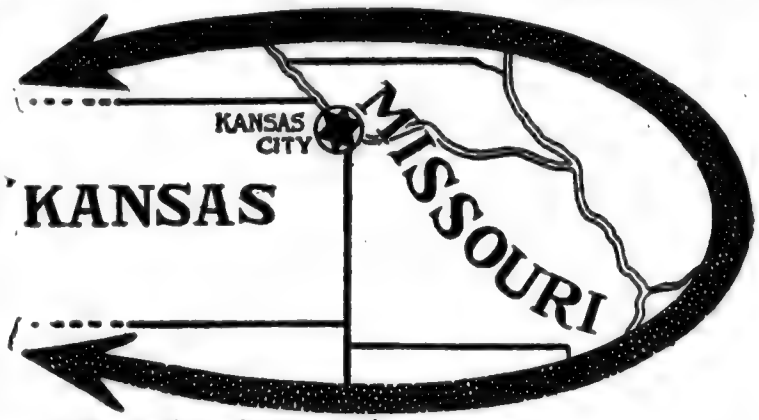
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Monday afternoon, March 11. The exhibition committee will see that they are properly staged.

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Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
E. of Ireland	St. John	Liverpool	Feb. 23
Philadelphia	New York	S'hampton	Feb. 24
California	New York	Glasgow	Feb. 24
Lapland	New York	Antwerp	Feb. 24
G. Washington	New York	Bremen	Feb. 24
Ivernia	Boston	Liverpool	Feb. 27
Sanuki Maru	Seattle	Hongkong	Feb. 27
Lusitania	New York	Liverpool	Feb. 28
Shinyo Maru	San Fr'sco	Hongkong	Feb. 28
Celtic	New York	Liverpool	Feb. 29
Pennsylvania	New York	Hamburg	Feb. 29
La Touraine	New York	Havre	Feb. 29
Caledonia	New York	Glasgow	Mar. 2
Merion	Philadelphia	Liverpool	Mar. 2
Orotava	New York	Cuba	Mar. 2
Berlin	New York	Genoa	Mar. 2
Carmania	New York	Egypt	Mar. 2
Siberia	San Fr'sco	Hongkong	Mar. 5
Campania	New York	Liverpool	Mar. 6
Emp. of India	Vancouver	China	Mar. 6
Cedric	New York	Egypt	Mar. 6
Friedrich Wm	New York	Bremen	Mar. 7
La Savoie	New York	Havre	Mar. 7
E. of Britain	St. John	Liverpool	Mar. 8
Cameronia	New York	Glasgow	Mar. 9
Ascania	Portland	London	Mar. 9
Kronprinz Wm.	New York	Bremen	Mar. 12
Franconia	Boston	Liverpool	Mar. 12
China	San Fr'sco	Hongkong	Mar. 12
Awa Maru	Seattle	Hongkong	Mar. 12
Mauretania	New York	Liverpool	Mar. 13
Baltic	New York	Liverpool	Mar. 14
L. Champlain	St. John	Liverpool	Mar. 14
Columbia	New York	Glasgow	Mar. 16
Magdalena	New York	Cuba	Mar. 16
P. Irene	New York	Genoa	Mar. 16
Canopic	New York	Egypt	Mar. 16
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Manchuria	San Fr'sco	Hongkong	Mar. 19
Lusitania	New York	Liverpool	Mar. 20
Makura	Vancouver	Hawaii	Mar. 20
California	New York	Glasgow	Mar. 23
Haverford	Philadelphia	Liverpool	Mar. 23
Ausonia	Portland	London	Mar. 23
Laconia	Boston	Liverpool	Mar. 26
Sado Maru	Seattle	Hongkong	Mar. 26
Campania	New York	Liverpool	Mar. 27
Chiyo Maru	San Fr'sco	Hongkong	Mar. 27
Celtic	New York	Liverpool	Mar. 28

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Send flower orders for delivery in

BOSTON AND ALL NEW ENGLAND POINTS

To THOS. F. GALVIN, Inc.

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Leading Florist

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Estab. 1877

1874 **JNO. V. PHILLIPS** 1912

WILLIAM A. PHILLIPS, Manager

272 Fulton St. Tel. 319 Main. Brooklyn, N. Y.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Leonard H. Vaughan, Chicago; First Vice-Pres., M. H. Duryea, New York City; Sec'y and Treas., C. E. Kendel, Cleveland, O.
Thirtieth annual convention, Chicago, June 25 to 27, 1912.

THE Summers Seed House, of Malvern, Ia., has made arrangements to open a branch establishment at Tabor, Ia.

THE Dutch bulb growers have not had so cold a winter as they would like. The winter covering is about all off the fields and growth has started.

FIRE at the store of T. J. Grey Co., Boston, February 19, was extinguished before serious damage was done; loss covered by insurance.

THE O. O. Younkerman Seed Co., Council Bluffs, Ia., suffered a small loss Febuary 7, by fire starting from an overheated furnace next door. Insured.

HENRY W. WOOD, of T. W. Wood & Sons, Richmond, owns Kenbrook Farm, at Milford, Va. Edwin Bishop is manager. A number of crops are grown for seeds.

VISITED CHICAGO: C. W. Scott, of Yokohama Nursery Co., New York; F. H. Henry and Robert Fulton, of Henry & Lee, New York, the latter on his way home from Japan.

NOT having space in his "colyum" for all his ideas how this world ought to be run but isn't, Ralph M. Ward editorializes to the extent of a dozen pages in his latest bulb catalogue.

MONDAY, February 19, was the big day to date with most of the mail order houses. The few days of springlike weather following the severely cold spell have set the seed buyers studying the catalogues.

WITH Congress tinkering the schedules one by one, the "better be safe than sorry" class of importers has added the words "and tariff revision" to the terms to which the sale of future crops is subject.

THE seed dealers and growers of the State of Idaho had a conference with Governor Hawley, at Boise, February 9, looking to ameliorating the hardships caused by the unworkable pure seed law passed a year ago.

A. W. GILMAN, the seedsman of Rochester, N. Y., will remove April 1 to 482 Main street, east, where he will be nearer the market and will have a larger and better store. This is his twenty-fifth year in the business and prospects are bright.

A SURPLUS list to hand during the last week offers 4,860 pounds of cucumber, 8,625 pounds of watermelon, 5,795 pounds of muskmelon and 2,795 pounds of tomato, among other things. And yet some writers appear to be under the impression that there are no seeds for sale.

WHEN supplies are known to be short of the demand buyers place orders for more than they want, in the hope that the partial deliveries will equal their needs. This is now going on in the seed business. Something interesting would be sure to happen in the end except for the fact that one year of bumper crops could do few people serious harm and would correct the tendency to overcontract.

START VALLEY FOR EASTER NOW

Be sure you get the best pips obtainable. Grow Bruns' Valley and your troubles will be over. For many years Valley has been my specialty.

Bruns' Celebrated Chicago Market Brand—

unquestionably the "finest forcing Valley in America,"

$2.00 per 100; $17.00 per 1000

I also can supply another high-grade known as **Florists' Money-maker.**

$1.75 per 100; $15.00 per 1000

ORDER TODAY

H. N. BRUNS
3038-40-42 W. Madison St.,
CHICAGO, ILL.

Mention The Review when you write

ASTER BOOK
FOR FLORISTS
Now ready.
Ask for copy.
James Vick's Sons
ROCHESTER, N. Y.

Mention The Review when you write.

Berlin Valley Pips
Surplus lots. All high-grade, Berlin type, A. B. S. Pips. Recent arrivals. Case lots only. Ask for list of lots and f. o. b. New York prices.
McHUTCHISON & CO.
THE IMPORT HOUSE
17 Murray St., NEW YORK

Mention The Review when you write.

FOTTLER-FISKE-RAWSON CO. FANEUIL HALL SQUARE
STOCKS
Boston Flower Market has had wonderful success in separate colors.
1/8 oz., 60c; 1/4 oz., $1.00; oz., $4.00
White, 1/8 oz., 75c; oz., $5.00.
BOSTON

Mention The Review when you write.

Metal Clasp Mailing Envelopes
LOUIS JEFFREY
78th & Brunswick Ave., Philadelphia, Pa.

Mention The Review when you write.

HELLER'S MICE PROOF SEED CASES.
Send for Catalogue.
HELLER & CO.
Montpelier, Ohio

Mention The Review when you write.

AN interesting illustration, showing the store of the Germain Seed & Plant Co., Los Angeles, appears on page 16 of this issue.

H. FRANK DARROW

P. O. Box 1280

26 Barclay Street, NEW YORK

Importer of

Azaleas, Palms, Bay Trees

and all other Belgian Plants, Lily of the Valley of the finest Berlin and Hamburg Brands.

Japanese, Holland and French Bulbs

FRENCH and ENGLISH

FRUIT and ORNAMENTAL STOCKS

Mention The Review when you write.

FOR

SEEDS

of all kinds apply to

W. W. JOHNSON & SON, Ltd.

BOSTON, ENGLAND

Mention The Review when you write.

German Stock Seeds

A GRAND SPECIALTY

Price list on application

PAUL TEICHER, Striegau, Germany

Oldest Special House

Mention The Review when you write.

WE IMPORT

to order for the Trade only, PLANTS and BULBS from Europe and Japan. Spring or Fall Delivery. Address with business card.

AUGUST ROLKER & SONS

P. O. Box 752, or 31 Barclay Street, NEW YORK

Mention The Review when you write.

DANISH SEEDS

If you take interest in Cabbage, Cauliflower, Carrot, Mangel, Swede and Turnip, of selected strains (state controlled), please apply to

CHR. OLSEN, Odense, Denmark

Wholesale Seed Grower (Established 1862), in order to have your name placed on my mailing list.

Mention The Review when you write.

Ask for "Real Price" Catalogue and Contract Offers.

ALL VARIETIES OF... **"QUALITY"**

KELWAY, LANGPORT, ENG. **SEEDS**

Mention The Review when you write.

THE California seed growers have the orders—what they want now is rain, plenty of it, but not too much.

BERTRAND W. DEAL, son of the late Wm. Deal, the English seed grower, will carry on the business in his own name.

WRITING at Ventura, Cal., February 15, M. J. Callahan said: "No rain of any account thus far this season and the outlook poor—evidently one of those years that sometimes occur here. Those having their own water supply are all right; the others have to take water from the water companies in their turn, and the water companies are poorly equipped for such a season."

Hjalmar Hartmann & Co., Copenhagen, Denmark.

Seed Growers for the Wholesale Trade

Cauliflower, Cabbage and Root Seed.

NOVELTY

Copenhagen Market

Earliest large, round headed Cabbage. Very Solid



Contract Now for 1912 Crop.

Copenhagen Market. Galvano Free.

Prices and Descriptive list free on Application.

LOECHNER & CO., 11 Warren St., New York, Sole Agents for the U. S. and Canada.

Mention The Review when you write.

Cable Address, NOVA BOSKOOP. A B C Code, 5th Ed.

Boskoop, Holland, Jan. 26th, 1912.

Gentlemen:—Herewith beg to state that I have dissolved my partnership with **MESSRS. W. VAN KLEEF & SONS, The Nurseries, Boskoop, Holland,** and that I will continue the business relations for my own account from Jan. 27, 1912, under the name of

Verkade Van Kleef

W. VAN KLEEF, Jr., Prop. **Nova Nurseries, BOSKOOP, HOLLAND**

Hoping to be honored with your esteemed orders, which will have my personal best care and attention. Yours very truly, **W. VAN KLEEF, Jr.**

Nurseries: Boskoop, Waddinxveen, Holland.

Specialties: Azalea, Buxus, Clematis, Conifers, Magnolias, Japanese Maples, Rhododendrons, select hardy varieties; Roses, new and old varieties, etc.

Mention The Review when you write.

—TO THE TRADE—

HENRY METTE, Quedlinburg, Germany

(ESTABLISHED IN 1787)

Grower and Exporter on the very largest scale of all

CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼ oz.; 75c per 1/16 oz. Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own vast grounds,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

—PERFECT PLANT FOODS—

THOMSON'S Vine Plant and Vegetable MANURE

Wm. THOMSON & SONS LIMITED

Unrivaled for vines, tomatoes, cucumbers, all flowering, foliage and fruit bearing plants; vegetables, lawns, etc. Has stood the test of 30 years. The result of many years of practical experience.

Sold by Leading American Seedsmen.

Also Thomson's Special Chrysanthemum and Topdressing Manure. An Excellent Stimulant.

Freight paid on quantities; liberal terms to retailers. Write for our special offer to the American trade, agents' circulars, pamphlets, etc., to sole makers.

Also Exporters of **Pure Scotch Soot** Write for prices, etc.

Wm. Thomson & Sons, Ltd., Tweed Vineyards, Clovenfords, Scotland

VAN GRIEKEN'S BULBS, SOUND AND WELL SELECTED

High-grade Hyacinths, Tulips, Narcissus, Crocus, etc. **Write for Catalogue.**

LEO VAN GRIEKEN, Lisse, Holland

Fancy, Recleaned
Hand Picked

ONION SETS

Per bu.
Prime recleaned yellow sets.....$1.35
Choice recleaned yellow sets.... 1.50
Fancy, sieved through ¾-in. mesh 1.75
Prime recleaned, silver skin..... 1.50
Choice recleaned, silver skin.... 1.75
Fancy, sieved through ¾-in. mesh 2.00

We reclean and hand pick a sets before shipping. A trial order will convince you of the superior quality of our sets.

J. BOLGIANO & SON
Almost 100 Years' Established Trade
Wholesale Seedsmen
BALTIMORE, MARYLAND

Mention The Review when you write

Pieters-Wheeler Seed Company
Hollister, - - California
Growers of High Grade Seeds
Onion, Radish, Lettuce,
Sweet Peas, etc. : : :
Correspondence Solicited.
Mention The Review when you write.

COMMERCE IN SEEDS.

The foreign commerce of the United States, in seeds, in the month of December for the last two years was as follows:

IMPORTS.

December, 1910	$4,980,950
December, 1911	2,221,703

EXPORTS.

December, 1910	$ 253,824
December, 1911	390,840

EXPORTS OF LILY BULBS.

The exports of lily bulbs from Yokohama, Japan, from January 10, the date of last report, to January 24 amounted to only 240 cases, as follows:

Shipper.	Cases.
Arai Shoten	204
Ishii Shoten	5
Yokohama Nursery Co.	31

PEAS IN IDAHO.

A newspaper correspondent at Idaho Falls, Idaho, reports as follows:

"O. W. Campbell, representing the Jerome B. Rice Seed Co., of Detroit, Mich., accompanied by O. K. Olson, of Parker, was here recently, interesting our farmers in pea culture. Some years since Mr. Olson introduced the idea of raising peas for this seed house, and last year several thousand acres were grown on Egan bench. This year 4,000 acres have been contracted for that section of the country. Mr. Olson's crop last year averaged him fifty-four bushels to the acre, while the average for the total crop grown in the north part of the county was twenty-eight

BEANS, PEAS, RADISH
and all Garden Seeds
LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO
GROWERS FOR THE TRADE
ONION SETS Write for Prices
Mention The Review when you write.

YOU will be satisfied with the products of
Burpee's "Seeds that Grow"
Better write to Burpee, Philadelphia,—for new Complete Catalogue.

The Everett B. Clark Seed Co., MILFORD, CONN.
Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.
BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC.

TOMATO SEED
BEST STOCKS. ALL VARIETIES.
The Haven Seed Co.
Growers for wholesale trade only. Santa Ana, Cal.

LAWN GRASS SEED
WHOLESALE ONLY
J. OLIVER JOHNSON
1876 Milwaukee Avenue, CHICAGO

Henry Fish Seed Co.
BEAN GROWERS
For the Wholesale Seed Trade
CARPINTERIA, - CAL.

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety.
Correspondence solicited.

ONION SEED ONION SETS
We are extensive growers and dealers. Write for prices on the 1911 crop. We are also submitting contract figures for the 1912 crop of Onion Seed.
SCHILDER BROS., CHILLICOTHE OHIO

S. D. Woodruff & Sons
SPECIALTIES:
Garden Seeds in Variety
Maine seed potatoes, onion sets, etc.
CORRESPONDENCE SOLICITED.
Main Office and Seed Farms, ORANGE, CONN.
New York City Store, 82-84 Dey Street

The C. Herbert Coy Seed Co.
VALLEY, Douglas County, NEB.
Wholesale Growers of High Grade Seeds.
Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

IF IT IS
WATERMELON AND MUSKMELON SEEDS
GET THEM FROM
J. FRANK CORRY, CONTRACT GROWER
Complete delivery by Oct. 15, 1912.
ENID, - OKLAHOMA

—THE—
J. C. Robinson Seed Co.
Waterloo, Neb.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar, Flint and Field Seed Corns.

BRASLAN SEED GROWERS' CO.
Lettuce, Onion, Sweet Peas
Growers for the Wholesale Trade Only
San Jose, California

Sioux City Seed & Nursery Co.
Sioux City, Iowa
Contracting growers of Peas, Beans and famous Sweet Corn. Introducers of the White Mexican Sweet Corn.

S. M. ISBELL & CO.
JACKSON, MICH.
Contract Seed Growers
Bean, Cucumber, Tomato, Radish, Pea, Squash, Muskmelon, Watermelon, Sweet Corn.
Correspondence Solicited.

Contract Seed Growers
Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence solicited.
George R. Pedrick & Son
PEDRICKTOWN, N. J.

The Ebbert Seed Company
ROCKY FORD, COLO.
Contract growers for the Trade. High-grade Vine Seeds. Specialties: Rocky Ford Cantaloupe, Muskmelon and Cucumber Seed.
Place Your Orders Early



ROCKY FORD MUSKMELON
grown under irrigation by

WESTERN SEED & IRRIGATION CO.

Seed Growers and Dealers. Specialties: Cucumber, Musk and Watermelon, Pumpkin, Squash, Sweet and Field Corn.

FREMONT, NEBRASKA

Mention The Review when you write.

HERE SINCE 1879

Arkansas Valley Seed Company

D. H. BROWNE LAKIN, KANSAS C. H. BROWNE

Contract Growers of Muskmelon, Watermelon and Cucumber

We desire to announce to the trade that Mr. Wm. Logan is no longer connected with this company in any way. And that we are now booking contract orders for Muskmelon, Watermelon and Cucumber Seed.
Write today for contract price list, also our surplus list of Vine Seeds.

Mention The Review when you write.

MORSE SEEDS

Wholesale Growers of
Onion, Lettuce, Sweet Peas
and other California Specialties

C. C. MORSE & CO.
48 Jackson St. SAN FRANCISCO, CAL.
Mention The Review when you write.

CONTRACT SEED GROWER
SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn
EDGAR F. HURFF, MULLICA HILL, NEW JERSEY
Correspondence Solicited.
Mention The Review when you write.

Routzahn Seed Co.
ARROYO GRANDE, CAL.
SWEET PEA and NASTURTIUM
SPECIALISTS
Wholesale growers of full lists of FLOWER and GARDEN SEEDS.

Always mention the Florists' Review when writing advertisers.

Peas and Beans
...Growers For The...
Wholesale Seed Trade
Alfred J. Brown Seed Co.
Grand Rapids, Michigan
Mention The Review when you write.

THE KIMBERLIN SEED CO.
Wholesale Seed Growers SANTA CLARA, CAL.
Growers of
ONION, LETTUCE, RADISH, etc.
Correspondence Solicited.
Mention The Review when you write.

THE HAS. H. LILLY CO.
SEATTLE, WASH.
Growers of
PUGET SOUND CABBAGE SEED
Mention The Review when you write.

Some florists think that they can give us gooseflesh by telling us how cheap they can buy lily bulbs elsewhere. We wonder if they think we do not know our competitors' prices. The fact is they do not know what the real bottom price is, so we are going to tell you. The bottom price for low-grade Lily Bulbs is that figure which will enable one or more firms to dispose of a certain quantity of bulbs. The value is not made by the importers nor the growers, but is made by the buyers of this class of lily bulbs. Therefore, if they will not sell at $60.00, they may sell at $40.00 per thousand; but that is not saying that they are worth anything, for that matter, because their real value is problematical. If the bulbs bought at extremely low prices were of the best grade produced, there would not be a sufficient quantity to go around—furthermore, there would be no occasion for a reduction in price. About 95% of all price reductions and bulb bargains is principally because the value of the goods is no more than the asking price. Those buyers who buy from every Tom, Dick and Harry for the reason that their prices are low will eventually learn their little lesson from Professor Experience, who teaches the unwary by candlelight, because they won't learn any other way. Wise men learn by others' mistakes—fools by their own. The prices of Horseshoe Brand lilies are all based upon a certain percentage of profit, regardless of the prices of other firms. In making these prices, crop conditions, quantities of available bulbs and the volume of business done is taken as a basis. This year we find ourselves in a position to quote extraordinary prices on certain sizes, owing to the large quantities we shall have to deliver, providing the crop does not receive a setback. These prices have been advertised and will be sent immediately upon application, together with the Horseshoe Brand book of Bulbology, which may interest you. There are no better lily bulbs produced anywhere in the world, and there are a great many produced which are not as good.

Write us.

Not How Cheap But How Good

RALPH M. WARD & CO.
71 Murray Street
NEW YORK

bushels per acre. The company furnishes the seed, deducting the same from the crop and paying for the remainder from 2½ to 3½ cents a pound, delivered at the railroad. It is proposed to contract for something like 1,800 acres for this vicinity for the present year."

LOS ANGELES SEED NOTES.

The Southern California Seed Trade Association, which meets periodically at the store of the Germain Seed & Plant Co., Los Angeles, is an organization not sufficiently appreciated by the trade. D. F. Reichard, of the Lewis & Snow Seed Co., is the secretary and the object of the association is the betterment of the trade in general, especial attention being given to the question of equitable state laws referring to the seed trade.

Peas, sweet peas and lettuce will assuredly be short items this season, according to those in a position to know.

Thos. Cox, the veteran seedsman of San Francisco, and who sold out to the C. C. Morse Seed Co. years ago, was a visitor this week.

February 16 and still no sign of rain in this locality. H. R. R.

STOCK SEED OF SWEET CORN.

The structure of the floral organs of the corn plant is such as to secure under normal conditions more or less complete cross-fertilization, and it has been found that there is liability to rapid loss of vegetative vigor in plants which are persistently self-fertilized. This, in connection with the fact that it is difficult, if not impossible, under ordinary farm conditions to prevent more or less cross-pollination, leads to methods and practices in growing stock seed corn which differ materially from those that give the best results with most vegetables. Instead of trying to isolate the stock blocks, it is suggested by W. W. Tracy, in a recent bulletin, that they be located near the center of the largest available field of the variety and that the selection of breeding stock be made as follows:

First, formulate a very clear conception of precisely what an ideal plant of the sort to be grown should be, not only as to grain and ear, but as to stalk, leaf, husk, silk, and tassel, for this is essential to the raising of the best seed of the sort. With this conception in mind or, what is far better, clearly written out and illustrated by photograph, go into a field of the sort at the time the plants are coming into silk and mark with a string, or a bit of cloth, or in some way a number of stalks. It is wise to select at least a hundred plants which are as nearly alike and typical of the sort as can be found.

When the grain is in the dough state, assemble the marked stalks and, after stripping down the husks, very carefully select and tag those in which the ear and the grain are nearest to the ideal. The ears from each of these selected plants should be carefully numbered, dried, and stored. The next spring mark out, near the center of the largest available field of the sort, a block of four, nine, or sixteen square rods for each of the selected ears, and plant each block with seed from one of the selected plants.

It is wise in making the planting to

Asparagus Plumosus Nanus

Stokes Seeds Philadelphia

Guaranteed genuine northern greenhouse grown seed. Per 100 seeds, 40c; per 1000, $3.50; per 5000, $16.25.

Salvia Clara Bedman or Bonfire

My own growing 1911 crop seed. Per trade pkt., 40c; oz., $1.75; ¼ lb., $6.00.

Clematis Paniculata

1911 crop, my own saving. Per oz., 40c; lb., $3.50; 5 lbs., $15.00.

Send for Florists' Flower Seed List.

Stokes' Seed Store, 219 Market St., Philadelphia, Pa.

Mention The Review when you write.

FLOWER SEEDS

Ageratum Little Blue Star, tr. pkt., 15c.
Ageratum Imperial Dwarf Blue, tr. pkt., 10c.
Antirrhinum, giant-flowering, pink, striped, scarlet, yellow, white, garnet and mixed, each, tr. pkt., 10c; per oz., 40c.
Asparagus Sprengeri, tr. pkt., 65c; 5000 seeds, $5.50.
Asters, Smith's Peerless White, tr. pkt., 50c; per oz., $6.50.
Asters, Smith's Peerless Pink, tr. pkt., 50c; per oz., $7.50.
Centaurea Candidissima, tr. pkt., 25c.
Centaurea Gymnocarpa, tr. pkt., 15c.
Lobelia Crystal Palace Compacta, extra select strain, tr. pkt., 10c.
Petunia, large-flowering fringed, single mixed tr. pkt., 35c.
Petunia, large-flowering fringed, double mixed, tr. pkt., 65c.
Primula Obconica Gigantea, rose, crimson, lilac Hybrida, mixed, each, tr. pkt., 35c.
Salvia Bonfire, tr. pkt., 25c; per oz., $2.50.

Select strains of Verbena, Stocks, Grandiflora and Giant-flowering Spencer Sweet Peas, etc.

SEND FOR NEW FLORISTS' WHOLESALE CATALOGUE

CURRIE BROS. CO., 108 WISCONSIN ST., 312 BROADWAY, **MILWAUKEE, WIS.**

Mention The Review when you write.

A Good Investment. **GROW COLD STORAGE LILIES**

For sizes and prices, write

C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write

Bulbs for Spring

L. Giganteum, Cannas (all leading varieties), **Tuberoses, Gladioli.** Prices on application.

D. RUSCONI

126-128 W. 6th St., CINCINNATI, OHIO

Mention The Review when you write.

Bridgeman's Seed Warehouse

Est. 1824. RICKARDS BROS., Props.

Importers and growers of high-grade

SEEDS, BULBS, PLANTS, Etc.

37 East 19th St., NEW YORK CITY

Telephone 4235 Gramercy

Mention The Review when you write.

F. W. O. SCHMITZ

PRINCE BAY, N. Y.

Wholesale Grower, Exporter and Importer of all plants, roots and bulbs in season.

Correspondence Solicited

Mention The Review when you write

SEEDS Best that grow. We sell direct to gardeners and florists at wholesale. Big beautiful catalogue free. Write today.

ARCHIAS SEED STORE, Box 53, Sedalia, Mo.

Always mention the Florists' Review when writing advertisers.

Salvia Seed

SPLENDENS..Tr. pkt., 15c; ⅛-oz., 25c; oz., $1.25
CLARA BEDMAN (Bonfire).....Tr. pkt., 25c; ⅛-oz., 40c; oz., $2.25.
ZURICH.....Tr. pkt., 35c; ⅛-oz., 50c; oz., $3.50

New Catalogue just out; write for a copy.

G. H. HUNKEL CO., Seedsmen, Milwaukee, Wis.

ROSE GARDENS

WHOLESALE GROWERS

Daffodils, Peonies, Tulips Gladioli, Iris, Etc.

NORTH EMPORIA, VIRGINIA

SURPLUS OF

L. Multiflorums 7-9

Write for prices.

The Yokohama Nursery Co., Ltd.

No. 31 Barclay Street, NEW YORK

Asparagus Plumosus Nanus

New Crop—Greenhouse-grown

100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $3.50; 10,000 seeds, $30.00.

Sprengeri, 25c per 250 seeds; 75c per 1000 seeds; $2.75 per 5000 seeds.

Our Flower Seed Catalogue free on application.

THE MOORE SEED CO., 125 Market St., Philadelphia

Mention The Review when you write.

The "SPENCER" Type of
SWEET PEAS

Burpee's Special
Re-selected Stocks for 1912

"SPENCER" SWEET PEAS are a great specialty with us! We were the first to grow the seed in America—the stock having been entrusted to us before introduction, even in England, of the original **Countess Spencer.** We have grown "the original Beauty" and its many "sportive" children with painstaking care each season since. There are but few other growers who can supply an equal assortment of **true re-selected "Spencers"** that are uniformly of such choice quality. Seedsmen and florists can see how superior our stocks now are by the trials at **Fordhook Farms** next June or July, while those who may be in California are invited also to inspect the growing crops at our **Floradale Farm,** in the beautiful Lompoc Valley. Every planter's garden, however, is really a trial ground, and we shall be quite content if any "Doubting Thomas" will send us only a portion of his order and **note the difference** in character of flowers produced.

¶ You can buy so-called "Spencer" Sweet Peas at half our prices—but the result will be only disappointment, and when in flower you will surely admit that you would gladly have paid **even double our prices** to have had the **Burpee Quality** of the **true Spencer type!**

For complete list of varieties with prices consult BURPEE'S BLUE LIST FOR 1912—a complete catalogue of 146 pages, for Florists and Market Gardeners—which will be mailed upon application, BUT ONLY TO THOSE ENTITLED TO RECEIVE IT. Our retail catalogue is free to everyone. :: :: :: :: :: :: ::

W. ATLEE BURPEE & CO.
PHILADELPHIA, PA.

reserve at least one-fifth of the seed on each ear, not only for replanting if necessary, but so that reference may be made to the exact character of the parent stock. When the corn is coming into silk, carefully go over the blocks and select those in which the plants in stalk, leaf, husk, silk, and tassel are most uniformly of the desired character, rejecting the plants which show the greatest variation, even if some of them, as will in all probability be the case, are among the most perfect plants in the field.

When the corn is passing into the dough state go over the selected blocks and, stripping down the husks, select the blocks in which the ears are most uniformly of the desired varietal character, rejecting as in the selection of the individual plants, all the ears, no matter how perfect they may be, from the blocks showing greatest variation. As a rule it will be best to select several blocks in order to avoid the loss in vegetative vigor which in the corn plant often follows too close breeding.

From the chosen blocks select a number of the most perfect ears, to be tagged, numbered, kept separate, and again planted in separate blocks the next season. The balance of the corn from the selected blocks can be gathered and the better ears bulked and used the following season for planting the field in which the seed blocks are to be located.

Working in this way, never losing sight of or changing the ideal varietal characteristics of the sort, always selecting from the most uniform lot, resisting the temptation to use an exceptionally perfect ear found in a variable block, one can in a few years establish strains which will be greatly superior in practical value to most of the seed now used.

CATALOGUES RECEIVED.

S. Bryson Ayres Co., Independence, Mo., sweet pea and other flower seeds; Clark W. Brown, Ashland, Mass., dahlia and gladiolus bulbs and berry plants; V. Lemoine & Son, Nancy, France, trade list of plants and seeds; Northrup, King & Co., Minneapolis, Minn., general seed list; C. N. Flansburgh, Jackson, Mich., strawberry plants and other small fruits; M. Crawford Co., Cuyahoga Falls, O., strawberry plants and other small fruits, also gladiolus bulbs; William Toole & Sons, Baraboo, Wis., seed and plant list, with a "Guide to Pansy Culture"; Sadie A. Thomas, Pasadena, Cal., chrysanthemums; Aurora Nursery Co., Aurora, Ill., general nursery stock; Young's Seed Store, St. Louis, Mo., "Young's Garden Book"; Ralph M. Ward & Co., New York, N. Y., "Horseshoe Bulbology"; Geo. H. Walker, North Dighton, Mass., dahlias; the Meyer-Stisser Co., Baltimore, Md., seeds, tools and supplies; the Campbell Floral Co., Calgary, Can., seeds, bedding plants, etc.; the Dunham Co., Berea, O., "The Proper Care of Lawns," with a list of Dunham rollers.

PITTSBURGH.

The Market.

The last week has been one of the best since Christmas, with demand for everything coming in, and the quantity continues to increase. Valentine's day was certainly a success. The boys call it a little Easter, and if it continues to

SURE-BLOOMING DOUBLE PEARL **TUBEROSES**

The brightest and most select stock offered to the trade

4-6 inches, large bulbs, per 100, $1.00; per 1000, $8.50

High-grade stocks of **Peonies, Gladioli, Dahlias, Cycas Stems, Fern Balls, Begonias, Gloxinias, Caladiums, Madeira and Cinnamon Vine Roots.** Write for descriptive list and prices. See our Flower Seed Offer in Feb. 8th issue.

JOHNSON SEED CO., 217 Market St., Philadelphia, Pa.

Mention The Review when you write.

Established in 1802

Thorburn's Seeds

Our New Wholesale Catalogue for Market Gardeners and Florists for 1912 will be ready early in January. Register your name for a copy **NOW.**

Lily of the Valley Pips

A few still left, very high grade. Prices on application.

J. M. Thorburn & Co. 33 Barclay St. NEW YORK

Mention The Review when you write.

Order Quick

Stock will not last long at these prices. No better seed can be had anywhere. The short crop has caused an advance, but we are still selling at these moderate prices:

Large White Spencer, Re-selected, the finest white in existence, per lb., $3.50; ¼ lb., $1.00.

America Spencer, grand novelty. Others are getting $5.00 per lb. for this; our price, lb., $4.00; ¼ lb., $1.25.

Florence Morse Spencer, delicate blush pink, most charming color, lb., $2.50; ¼ lb., 85c.

Apple Blossom Spencer, the famous $5,000 prize Sweet Pea; pink shaded rose, lb., $2.50; ¼ lb., 85c.

Asta Ohn Spencer, best lavender; lb., $2.50; ¼ lb., 85c.

Any of the above, oz., 35c.

S. BRYSON AYRES CO.

Sweet Pea Specialists

Sunny Slope, Independence, - Mo.

Let us send you our Sweet Pea Catalogue.

Mention The Review when you write.

SOW NOW!

Get Ready for Early Spring Sales

	6 Tr. Pkts.	Tr. Pkt.
BEGONIA Gracilis Luminosa, true stock, with large scarlet flowers	$2.50	$0.50
Erfordii, fine pink variety	2.50	.50
Bedding Queen, most beautiful pink Wax Begonia	2.50	.50
Vernon, fine red	1.25	.25
CYCLAMEN Persicum Splendens Giganteum, finest colors, assorted, 1000 seeds	5.00	.75

O. V. ZANGEN, Hoboken, N. J.

XXX SEEDS

LIBERAL TRADE PACKETS

ALYSSUM SNOWDRIFT, most dwarf and compact, very fine, pkt. 20c.
ANTIRRHINUM, New Giant, white, rose and yellow. **Separate** or **Mixed,** pkt. 20c.
PETUNIA STAR, improved, finest marked flowers, very fine, pkt. 20c.
PETUNIA, Giant, single fringed, large and fine, very choicest mixed, pkt. 20c.
PETUNIA, Giant Double Fringed, very fine, trade pkt. 50c. Mixture of the best.
SALVIA, Bonfire, finest grown, brilliant scarlet and compact. Large pkt. 20c.
PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt. 20c.
CHINESE PRIMROSE, finest grown, single and double mixed, 600 seeds, $1.00; ½ pkt. 50c; 1000 seeds, $1.50. Separate colors or mixed.
CARNATION, New Giant Doubles, fine, 20c.
CYCLAMEN GIGANTEUM, finest giants, mixed, 250 seeds, $1.00; ½ pkt. 50c; 1000 seeds, $3.50.
GIANT PANSY, finest grown, critically selected, 6000 seeds, $1.00; ½ pkt. 50c.
COLEUS, New Hybrids, fine colors. Best New Giants, pkt. 20c. Very brilliant and showy.
LOBELIA, Blue Ball, dwarf, dark blue, finest of all Lobelias, pkt. 20c. Be sure to sow.
TORENIA FOURNIERI, New Giant, extra fine, pot plant, pkt. 20c. Showy.
CANDYTUFT, New Giant Hyacinth-flowered, a great cutter, pkt. 20c.
HELIOTROPE, finest mixed, pkt. 20c.
BROWALLIA, New Giant Blue, pkt. 20c.
CUPHEA, Giant Cigar, fine, pkt. 20c.
GAILLARDIA GRAND, New Giant, pkt. 20c.
COBAEA SCANDENS, extra fine vine, pkt. 20c.
THUNBERGIA, mixed, fine, 20c.
VERBENA, Improved Mammoth, finest giants grown, mixed, or separate of purple, white, scarlet, pink, striped, white-eyed. Tr. pkt. 20c.
CASH. Liberal extra count.

JOHN F. RUPP, Shiremanstown, Pa.

Mention The Review when you write.

Begonias Tuberous Rooted

	Per 100	1000
Single, White, Pink, Scarlet, Orange, Yellow and Crimson	$2.50	$22.00
Single, mixed colors	2.25	20.00
Double, White, Pink, Scarlet, Orange, Yellow and Crimson	4.00	35.00
Double, mixed colors	3.50	30.00

GLOXINIAS

Blue, White, Crimson; Violet, white border; Red, white border	3.50	30.00
Mixed, all colors	3.00	26.00

A. HENDERSON & CO.

30 E. Randolph St., CHICAGO

Mention The Review when you write.

No man can do better than fail who regards his fellows as merely so many opportunities—**to be taken advantage of.**

A trial order will convince you.

M. M. CARROLL,

Norwood (Cincinnati), Ohio

Mention The Review when you write.



According to the late season in California, 1912 **Winter Sweet Pea Crop** will be late. To avoid late delivery, I will send all early orders directly from my ranch in **Lompoc, Cal.** These will reach my farthest customers not later than August 10th, saving over 4 weeks' time. We will have all the leading colors and many novelties. **Order now.** New complete list will be ready in May.

Now is the time to sow **Late Sweet Peas.** We have on hand the best Spencer and Unwin types, and almost all other florists' flower seeds, like Asters, Stocks, Mignonette, etc.

Send for list.

Ant. C. Zvolanek

Bound Brook, N. J.

Mention The Review when you write.

NEW CROP

Asparagus Plumosus Nanus

Wisconsin Greenhouse Grown Seed

Not to be compared with the inferior California and Florida outdoor grown seed.

1000 seeds, **$4.00**; 5000, **$18.75**; 10,000, **$35.00**

G. H. HUNKEL CO., Seedsmen, Milwaukee, Wis.

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STOCKS SEED

Large Flowering Dwarf German Ten Weeks

White, blood red, dark and light blue, yellow, each, trade packet, 50c; ¼ oz., 75c. Finest German strain. Saved from pot-grown plants only. Write for trade catalogue.

Weeber & Don, Seed Merchants and Growers 114 Chambers St., NEW YORK.

Mention The Review when you write.

improve it shortly will be one of the big days.

Stock of all kinds is greatly improved by the sunshine we have been having. Roses could hardly be better.

Various Notes.

Randolph & McClements were one of several east end firms caught last week by a swindler who used the old request to "send the boy with change for $10." In each of the places which he visited the man gave a small order to be delivered to a fictitious address. "Get it out there by about 3 o'clock and give the boy who brings it change for $10," he said. In each case the boy who carried the package was met by the man some distance from the address given. "Is that package for Mr. Andrews?" he asked. "Yes, sir," said the boy. "Well, I'll take it to the house," and he handed the lad a worthless check for $10. The boy unhesitatingly turned over the change with which he had been intrusted, and the man disappeared.

The Crego Aster

"THE BEST IN THE MARKET"

If it is your intention to realize the highest possible cash returns from your Aster crop next summer, you will want the best seed your money can buy. The CREGO ASTER seed I can furnish you is of the very best quality, not only because it is grown miles from any other field of Asters, but because, in addition to doing everything possible to keep the strain free from mixture, the most painstaking care was given the crop from seedbed to the ripened seed.

Too much importance cannot be given to the matter of keeping Asters, grown from seed, at as great a distance as possible from all other kinds of Asters. Colors will mix a little under the very best conditions, as insects cannot be kept out of the field; but the seed grower who plants several varieties in the same field is certain to bring about the ruination of all.

The CREGO ASTER has been given a fair trial in nearly every part of the United States and Canada, also in Europe, and has proved itself to be exactly what every florist needs—an Aster which finds instant favor with his customers, for which they are willing to pay the highest price and which gives him the highest return for his time and labor. It costs the grower no more to produce flowers of that grade than to grow the common run of Asters, which sell for but little more than enough to pay express charges. I am offering the CREGO ASTER in four colors, viz.: shell-pink, pure white, rose-pink and violet blue, all fully up to Crego grade, with immense, fluffy blossoms four to six inches in diameter and of splendid color.

BUY YOUR SEED DIRECT FROM THE ORIGINATOR

The price of the CREGO ASTER seed is as follows: ¼ oz., $1.00; ½ oz., $2.00; oz., $4.00; cash with order. Full directions for growing the largest and finest Asters will be sent to each purchaser of ¼ oz. or more, if requested.

Seedsmen, write for liberal discounts

G. S. CREGO, 1036 Vancouver Ave., **Portland, Ore.**

Mention The Review when you write.

GLADIOLI

Send for wholesale list of more than forty varieties, including America, Augusta, Klondyke, Independence, May, Taconic, President Taft, Golden Queen, Baron Hulot, Princeps, etc., besides mixtures and color sections.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

SOME SPECIAL GLADIOLI

	Per 100		Per 100
Princeps	$12.00	**Alaska,** new white	$60.00
Panama	30.00	**Baron Hulot**	10.00
Niagara	18.00		

8% discount for cash with order.

JOHN LEWIS CHILDS, **Flowerfield, L. I., N. Y.**

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GLADIOLI,

LILIES, SUMMER FLOWERING BULBS AND HARDY PLANTS.

SEND FOR PRICE LIST.

E. S. MILLER, Wading River, N. Y.

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PRIMULA

Chinensis Obconica

Unrivaled for size of flower, purity of color and highest development. They represent the best specialists have so far produced. Seeds and plants.

J. L. SCHILLER, Toledo, O.

BURNETT BROS.

SEEDS :: BULBS :: PLANTS

72 Cortlandt St., NEW YORK CITY

EDWARD REID
Wholesale Florist
Choice Spring Flowers, Daffodils, Tulips, Lilac, Violets, Valley and the finest Sweet Peas in the market.
1619-21 Ranstead St., Philadelphia, Pa.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Feb. 21, 1912.

	Per doz.
Beauty, Specials	$7.50 @ $9.00
" Extra	6.00
" Medium	3.00 @ 5.00
" Short	1 50 @ 2.00
	Per 100
The Killarneys, Fancy	$12.00 @ $15.00
" Select	8.00 @ 10.00
" Ordinary	5.00 @ 6.00
My Maryland, Bride—	
Fancy	12.00 @ 15.00
Select	8.00 @ 10.00
Ordinary	5.00 @ 6.00
Richmond, Fancy	15.00 @ 20 00
" Select	8.00 @ 12 00
" Ordinary	5.00 @ 6.00
Melody	5.00 @ 12.00
Carnations, Fancy	4.00 @ 5.00
" Select	2.50 @ 3.00
" Ordinary	1.50 @ 2.00
Cattleyas...per doz.,	$6 00 @ $7.50
Phalaenopsis ..doz.,	3.00 @ 4.00
Gardenias..per doz.,	1.50 @ 3.00
Easter Lilies ...doz.,	1.25 @ 1.50
Callas.....per doz.,	1.50
Valley	3.00 @ 4.00
Sweet Peas	.40 @ 1.00
Violets, single, select	.75
" " ordinary	.25 @ .50
" double, select	.75
" " ordinary	.50
Daisies	1.50 @ 2.00
Pansies	.75
Lilacs.....per bunch,	$1.00
Paper Whites	1.50 @ 2.00
Romans	1.50 @ 2.00
Mignonette	2 00 @ 5.00
Daffodils	1.50 @ 2.00
Snapdragon .....doz.	$1.00 @ $2.50
Freesias	2.00 @ 5.00
Tulips	2.00 @ 4.00
Acacia Pubescens.....bunch,	$2.50

Buffalo, Feb. 21, 1912.

	Per doz.
Beauty, Specials	$6 00
" Fancy	4.00
" Extra	3.00
" Firsts	2.00
" Short	$0.50 @ 1.00
	Per 100
Perle	$ 5.00 @ $ 8.00
Bon Silene	3.00 @ 4.00
Bride and Maid	5.00 @ 8.00
Killarney	5.00 @ 12.00
White Killarney	5.00 @ 12.00
Richmond	6.00 @ 15 00
Maryland	5.00 @ 10.00
Carnations	2.00 @ 3.00
Lily of the Valley	3.00 @ 4.00
Longiflorums	10.00 @ 12.00
Violets	.40 @ .60
Mignonette	3.00 @ 5.00
Sweet Peas	.50 @ 1.00
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
Callas	10.00 @ 12.00
Tulips	2.00 @ 3.00
Daffodils	2.00 @ 3 00
Jonquils	2.00 @ 3.00
Cattleyas	35.00 @ 50.00
Gardenias	20.00 @ 25.00

Milwaukee, Feb. 21, 1912.

	Per doz.
Beauty, Long	$5.00
" Medium	$3.00 @ 4 00
" Short	1.50 @ 2.00
	Per 100
Richmond	$ 5.00 @ $12.00
Killarney	5.00 @ 15.00
White Killarney	5.00 @ 12.00
Carnations	2.00 @ 4.00
Valley	3.00 @ 4.00
Lilies	12.50 @ 15.00
Violets	.75 @ 1.00
Snapdragon.....bunch,	35c @ 75c
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
Trumpets	3.00 @ 4 00
Tulips	3.00

Discontinue our Chinese primrose ad, as we are all sold out.—E. J. Ullrich, Tiffin, O.

WELCH BROS., 226 Devonshire Street, Boston
The Largest Wholesale House in America
Orchids :: American Beauties :: Gardenias :: Other Seasonable Flowers
Mention The Review when you write.

WILLIAM J. BAKER, Wholesale Florist.... 1432 South Penn Square, PHILADELPHIA, PA.
Fancy Carnations, Antirrhinums, Sweet Peas and Pansies
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ROSES AND SWEET PEAS
EUGENE BERNHEIMER, 11 S. 16th St., PHILADELPHIA, PA.
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EASTER LILIES, CALLAS, CARNATIONS, VIOLETS AND ASPARAGUS.
Samuel F. Lilley, WHOLESALE FLORIST
A good market for more Choice Flowers.
5 Mole St., Philadelphia, Pa.
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J. Kopelman
Wholesale and Commission Florist
25 Washington St., Providence, R. I.
GREENHOUSES, OAKLAWN, R. I.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Boston, Feb. 21, 1912.

	Per 100
Beauty, Specials	$50.00 @ $60 00
" Extra	20.00 @ 40.00
" Short stems	6.00 @ 15 00
Killarney	4.00 @ 12.00
White Killarney	4.00 @ 12.00
My Maryland	4.00 @ 12.00
Mrs. Aaron Ward	4 00 @ 12.00
Lady Hillingdon	4.00 @ 12.00
Richmond, Rhea Reid	4.00 @ 16.00
Carnations	.75 @ 3.00
Cattleyas	30.00 @ 35.00
Cypripediums	6.00 @ 8.00
Pansies	.50 @ .75
Lily of the Valley	2.00 @ 4.00
Lilium Longiflorum	8.00 @ 10.00
Gardenias	8.00 @ 20.00
Violets	.40 @ .75
Sweet Peas	.25 @ .75
Antirrhinums	3.00 @ 5.00
Marguerites	1.00 @ 2.00
Paper White Narcissi	1.00 @ 1.50
Yellow Trumpet Narcissi	1.50 @ 2.00
Narcissus Poeticus	1.00 @ 1.50
Roman Hyacinths	1.00 @ 1.50
Mignonette	3.00 @ 8.00
Tulips	1.50 @ 2.00

St. Louis, Feb. 21, 1912.

	Per doz.
Beauty, Specials	$4.00 @ $5.00
" Extra	2.00 @ 3.00
" Shorts	1 00 @ 1.50
	Per 100
Bride, Maid	$ 4.00 @ $ 6.00
Richmond	4.00 @ 8.00
Maryland	4.00 @ 8.00
White Killarney	4.00 @ 8.00
Killarney	4.00 @ 8.00
Carnations	1.00 @ 2.50
Lily of the Valley	2.00 @ 3.00
Harrisii	10.00 @ 12.50
Orchids.....doz.,	$5.00 @ $6.00
Violets	.25 @ .50
Paper Whites	2.00 @ 3.00
Romans	1.00 @ 2.00
Tulips	2.00 @ 3.00
Freesias	1.00 @ 2.00
Sweet Peas	.25 @ .75
Jonquils	1.00 @ 2.00

The Munk Floral Co.
Wholesale Growers of
CUT FLOWERS
and Jobbers of
FLORISTS' SUPPLIES
Columbus, : Ohio
Mention The Review when you write.

H. G. BERNING
WHOLESALE FLORIST
1402 Pine Street
ST. LOUIS, MO.
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Florists' Greening Pins
Save you time, worry and money. Use them once and you will never be without them. (Sample free.) 10-lb. box (about 10,000 to 11,000 Pins), $1.50. (Special price on quantity.)
GEO. H. ANGERMUELLER, Wholesale Florist
1324 Pine St., ST. LOUIS, MO.
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C. A. KUEHN, Wholesale Florist
Cut Flowers and Florists' Supplies
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of SUPPLIES always on hand. Write for catalogue and prices.
1312 Pine Street, ST. LOUIS, MO.

Wm. C. Smith Wholesale Floral Co.
Wholesale Florists
1316 Pine St., Both L. D. Phones, ST. LOUIS
Supplies and Everything in Season always on hand.

GEO. REINBERG
Wholesale Grower of **Cut Flowers**
CHOICE AMERICAN BEAUTIES
We will take care of your orders at reasonable prices. Prompt attention.
162 N. Wabash Avenue, CHICAGO, ILL.
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A. L. Vaughan & Co.
WHOLESALE FLORIST
159 North Wabash Avenue, Chicago
Write for Special Prices.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Feb. 21, 1912.

	Per doz.
Beauty, long stems	$5.00 @ $6 00
" 36-in. "	4.00 @ 5.00
" 30-in. "	3.00 @ 4.00
" 24-in. "	2.50 @ 3.00
" 20-in. "	2.00
" 15-in. "	1.50
" 12-in. "	1.25
" short "	.75 @ 1.00
	Per 100
Killarney	$ 5.00 @ $15.00
White Killarney	5.00 @ 15 00
Richmond	5.00 @ 15.00
My Maryland	5.00 @ 15.00
Mrs. Jardine	5.00 @ 12.00
Rhea Reid	5.00 @ 15.00
Mrs. Aaron Ward	5 00 @ 15 00
Rivoire (Bulgarie)	5.00 @ 20.00
Melody	5.00 @ 15.00
Perle	5 00 @ 10.00
Carnations	1.00 @ 4.00
Valley	1.50 @ 4.00
Easter Lilies	12.50
Callas	12.50 @ 15.00
Cattleyas ...per doz., $4.00 @ $6.00	
Violets	.50 @ .75
Sweet Peas	.75 @ 1.50
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
Mignonette	4.00 @ 6.00
Freesia	2.00 @ 3.00
Tulips	3.00 @ 5.00
Jonquils	2.00 @ 3.00
Daffodils	3.00

Pittsburgh, Feb. 21, 1912.

	Per doz.
Beauty, Specials	$5.00 @ $6.00
" Fancy	4.00
" Medium	2.00
" Short	1.00
	Per 100
Killarney	$ 6.00 @ $12.00
White Killarney	6.00 @ 12 00
Richmond	6.00 @ 15.00
My Maryland	4.00 @ 12.00
Carnations	2.00 @ 4.00
Cattleyas	35.00 @ 50.00
Oncidiums	4.00 @ 8.00
Valley	3.00 @ 4.00
Lilies	12 00 @ 15.00
Violets, double	.75 @ 1.00
Daisies	1.00 @ 2.00
Freesia	3.00 @ 4 00
Tulips	2.00 @ 5.00
Paper Whites	3.00
Daffodils	3.00 @ 4.00
Sweet Peas	.75 @ 1.25
Lilac.....per bunch, $1.00 @ $1.50	
Baby Primroses	.15
Mignonette	3.00 @ 4.00

Cincinnati, Feb. 21, 1912.

	Per doz.
Beauty, Extra	$3.00 @ $6.00
" No. 1	3.00
" No. 2	1.00 @ 1.50
	Per 100
Killarney	$ 4.00 @ $ 6.00
Richmond	4 00 @ 6.00
Bride	4.00 @ 6.00
Carnations	2.00 @ 3.00
Lilium Harrisii	10.00 @ 15.00
Lily of the Valley	3.00 @ 4.00
Cattleyas	60.00
Violets	.50 @ 1.00
Narcissi	2.00 @ 3 00
Sweet Peas	.50 @ .75
Roman Hyacinths	1.50 @ 3.00

THE Mum Manual, by Elmer D. Smith, for 40 cents sent to The Review.

J. A. BUDLONG
82-86 E. Randolph Street, CHICAGO.
ROSES, VALLEY and CARNATIONS A Specialty
WHOLESALE GROWER of **CUT FLOWERS**

CARNATION GROWERS!
To the live retailer—the business-builder: We grow carnations only. Know our business. For nineteen years have shipped direct from greenhouses to retailers and please them still. **Quality, Price, Service,** tell it. Why aren't you in line for as good as the best? Fall in and learn why we have long shipped the large first-class stores, from Winnipeg to Texas. Fire your orders at us and see how we do it.
Write or Wire—Long Distance Phone, Jefferson Park 11,
Brant & Noe Floral Co., 5744 Brantwood Ave., Chicago

Cut Flowers Greens Supplies
——Everything a Florist Needs——
CINCINNATI CUT FLOWER EXCHANGE
Wholesale Commission Florists 24 E. Third Ave., Cincinnati, Ohio
Mention The Review when you write.

LARGE, SINGLE
Daffs
and Tulips. They are fine.
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Wholesale Growers of... Cut Flowers
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Wholesale Cut Flowers
162 N. Wabash Ave., CHICAGO
ROSES and CARNATIONS
Our Specialties.
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Wholesale Growers of... Cut Flowers
All telegraph and telephone orders given prompt attention.
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Everything in Flowers and Florists' Supplies.
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CONSIGNMENTS SOLICITED
Special attention given to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. :: :: Price lists on application.
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WHOLESALE FLORIST
Manufacturer of Florists' Wire Work
"SUPERIOR HANGING BASKETS"
Send for catalogue.
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Hoffmeister Floral Co.
Lickrun, Cincinnati, Ohio
Wholesale Growers of
Easter Lilies, Ferns and Decorative Greens
Write for prices.
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All colors. Wired ready for use, waterproof, more advantageous than natural Capes. Samples on request. Also a full line of Crepe Roses, Chrysanthemums, Callas, Easter Lilies, Orchids, Acacias, Violets, Sweet Peas, Valley, Carnations, etc., natural prepared Adiantum, Sea Moss, Metal Wreaths, Crosses, etc., and everything in the Florists' Supply Line.
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New York, Feb. 19, 1912.

	Per 100
Beauty, Specials	$40.00 @ $60.00
" Fancy	30.00 @ 40.00
" Extra	20.00 @ 30.00
" No. 1	6.00 @ 10.00
" No. 2	2.00 @ 4.00
Bride and Maid	2.00 @ 6.00
Killarney	2.00 @ 8.00
My Maryland	2.00 @ 8.00
Richmond	2.00 @ 10.00
Chatenay	3.00 @ 12.00
Jardine	3.00 @ 12.00
Prince de Bulgarie	4.00 @ 15.00
Orchids	15.00 @ 40.00
Cypripediums	6.00 @ 12.00
Carnations	1.00 @ 3.00
Easter Lilies	6.00 @ 8.00
Lily of the Valley	1.00 @ 3.00
Gardenias...per doz., $0.50 @ $3.00	
Violets	.15 @ .40
Daisies	.50 @ 2.00
Hyacinths	.50 @ 1.00
Sweet Peas, doz. bches., $0.50–$1.00	
Narcissi .....bunch, .15– .25	
Callas..... per doz., 1.00– 1.50	
Lilac.....per bunch, .75– 1.00	
Mignonette....per doz., .25– .75	
Freesia.....per bunch, .10– .25	
Daffodils	.50 @ 1.50
Tulips	.50 @ 2.00
Pansies	1.00 @ 1.25

MONTGOMERY on Grafted Roses, sent by The Review for 25 cents.

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All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Greens. Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

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Successor to John I. Raynor. Wholesale commission florist. Selling agent for largest growers. A full line of choice Cut Flower Stock for all purposes by the 100, 1000 or 10,000. Consignments solicited. Telephone 1998 Madison Square.

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We have room for a few more good growers. Prompt payments and top prices.

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Nursery Stock For Florists' Trade

Large General Assortment for Spring Planting

WRITE FOR TRADE LIST

W. & T. SMITH COMPANY, Geneva, N. Y.

800 ACRES —— 65 YEARS

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Officers for 1911-12: Pres., J. H. Dayton, Painesville, O.; Vice-pres., W. H. Wyman, North Abington, Mass.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-seventh annual meeting, Boston, June 1912.

NURSERYMEN in the southwest are having a big season.

CHARLES CUSTER, nurseryman at Normal, Ill., is driving a new motor.

THE imports of plants, trees, etc., for the month of December, 1911, had a total invoice value of $260,954, as against $226,041 in the corresponding month of 1910.

THE Florida Nursery and Trading Co., Florala, Ala., has just finished budding 75,000 pecan trees and 20,000 Satsuma oranges. One order calls for 12,000 pecans.

THE movers of big trees are having plenty of cold weather to make solid the largest balls of soil. The winter moving of large trees has become almost an exact science, and is done much more commonly than in the past.

EDWIN SWENSON, proprietor of the Nicollet County Nursery and Seed Farm, Nicollet, Minn., has made arrangements to dispose of the stock of the Lake Crystal Nursery, of Lake Crystal, Minn., in connection with his own nursery stock. He will put six salesmen on the road. L. D. Mills, the proprietor of the Lake Crystal Nursery, has been obliged to retire on account of ill health.

THE Boskoop Handels-commité, or Committee of Boskoop Nurserymen, has decided to establish a publicity bureau to supply the horticultural press with "short articles which might be of value to the readers." The first short article, sent out February 5, explains why the prices of azaleas, box, etc., jumped last year, and why they will continue "at least fifty per cent higher than in the past."

MIAMI VALLEY NURSERYMEN.

The Miami Valley Nurserymen's Association met in the lecture hall of the National Cash Register Co.'s works, at Dayton, O., on Friday, February 16. Reports on stock and trade conditions were heard from members, tributes to the memory of the deceased president of the association were heard, and some time was given to the consideration of the revised Simmons bill. It was the feeling that some changes should be made before endorsement be given.

The annual banquet was held at the Phillips House, attended by the ladies and friends. Music, entertainment by an impersonator and impromptu speeches were the order of the evening and, as usual, a pleasant time was spent.

The following officers were elected: President, W. F. Bohlender; vice-president, M. F. Barnes; secretary and treasurer, M. A. Gaines.

NURSERY STOCK SCARCE.

An unusual demand for many varieties of nursery stock has resulted in a shortage in nurseries at Fresno, Cal., and many who contemplated planting fruit trees have found that it is impossible to have their demands supplied locally. Among the varieties of trees in which a shortage is reported are apricots, prunes, almonds and different varieties of cling peaches. Phillips clings are in heaviest demand, however. Because of the shortage in young cling

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City. Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS, Nurserymen and Florists RUTHERFORD, N. J.

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California Privet

A full supply for all who need well grown, well graded, well rooted and well packed 2-year-old

California Privet

Only strong branches counted. Satisfaction guaranteed.

	Per 100	Per 1000
12 to 18 in., branches	$1.00	$ 5.00
18 to 24 in., 3 or more branches	1.50	10.00
25 to 30 in., fine, 4 or more branches	2.00	15.00
2½ to 3 ft., strong, 6 or more branches	3.00	25.00
3 to 4 ft., extra h'v'y, 8 or more branches	4.00	30.00

10 per cent off on 5000 lots of the first four grades. Special low rates on car lots. Correspond before purchasing.

CHAS. BLACK, Hightstown, N. J.

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PEONIES

We have one of the finest stocks anywhere in the country and should be very glad to figure with you on your list of wants.

PETERSON NURSERY,

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HARDY CHOICE

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The United States Nursery Co.

Rosesacres, Coahoma Co., MISS.

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American Pillar Rose

PRICES—Strong 3 year (4 to 5 ft.), $35.00 per 100; 2 year (3 to 4 ft.), $25.00 per 100; plants from pots, hardened, 2½-in., $5.00 per 100; f. o. b. West Grove.

THE CONARD & JONES CO.

WEST GROVE, PENNSYLVANIA

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Roses and Roses

Spring Price List Ready.

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OAKS AND MAPLES, PINES AND HEMLOCKS

ANDORRA NURSERIES

Wm. Warner Harper, Prop.

Chestnut Hill, Philadelphia, Pa.

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Head and shoulders above any other white at the present time on the market. March 1st delivery on Wodenethe and Brooklyn, rooted cuttings,

Per 100.....$12.00; Per 1000.....$100.00

NEW ROSE "SUNBURST"

March delivery. Absolutely continuous in growth through the dark weather. Beautiful foliage and long stems. This rose is easily the "King" in its color, which is a lovely orange yellow.

Grafted stock .....$35.00 per 100; $300.00 per 1000
Own root..... 30.00 per 100; 250.00 per 1000

CHAS. H. TOTTY, Madison, N. J.

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California Privet

	Per 1000
6 to 12 inches	$ 4.00
12 to 18 inches	6.00
18 to 24 inches	8 00
2 to 3 feet	10.00
3 to 4 feet	15.00

OAK LAWN NURSERY
Huntsville, - - Alabama

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Californla Prlvet

GROWN AS A SPECIALTY

C. A. BENNETT
ROBBINSVILLE, N. J.

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Rooted Carnation Cuttings

of up-to-date varieties
List on application

LITTLEFIELD & WYMAN
NORTH ABINGTON, MASS.

Mention The Review when you write.

peach trees, many are turning to free stones, which can be used for drying as well as for canning. High prices for apricots, prunes, almonds and peaches last year are said to be responsible for the unusual demand for these varieties for planting this year. It is said that this is always the case, notwithstanding the fact that it takes four years for the trees to produce. There is always a heavy demand for olives, but none of the nurserymen have yet been able to supply all demands. Planting has not yet started in the Fresno district and will probably not be started until after the rains are over. People who are contemplating planting are now waiting for sufficient rain to moisten the ground and give the young trees an opportunity to take hold.

AM. BEAUTY

Good 2-inch stock.

$50.00 per 1000. March delivery.

SOUTH PARK FLORAL CO.
M. HELLER, Pres. NEW CASTLE, IND.

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40,000 Berberis Thunbergii

	Per 1000
25,000 Berberis Thunbergii, 10-15-in	$ 9.00
15,000 Berberis Thunbergii, 2 yr. trans	22.00
5,000 Berberis Vulgaris, 2 yr	8.00
10,000 Euonymus Radicans, 1 yr	8.00
1,500 Clematis Paniculata, 2 yr	40.00
3,000 Retinospora Plumosa Aurea, 1 yr	20.00
3,000 Honeysuckles, 1 yr., rooted cuttings	10.00
5,000 Japan Maple Purpurea, 2 yr	80.00
2,000 Japan Maple Polymorphum, 2 yr	12.00
6,000 Rosa Rugosa, 2 yr., trans	20.00

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Standard varieties and novelties.

Asparagus Plumosus and Sprengeri Seed. Cyclamen Seedlings and Plants.
See classified advs. Write for our 1912 catalogue.

S. S. Skidelsky & Co.
1215 Betz Bldg., Philadelphia, Pa.

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KILLARNEY

Double Killarney is the best pink rose for warm weather. Contracts made for cuttings, eyes or own root plants.

JOHN WELSH YOUNG, Upsal Sta. P. R. R., Philadelphia, Pa.

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Winter and Spring Price List Ready. Send for copy.

Contains some attractive offers.

Roses

Ramblers, Hybrid Teas, Hybrid Perpetuals, Dwarf Polyanthas, Standards and Half Standards.

Rhododendrons

18-24-inch, well budded, named varieties, forcing stock as well as kinds for outdoors, $40.00 per 100.

Lily of the Valley

Just a few cases, best three-year crowns, 2500 to the case, at $35.00 per case, to close out.

Tell us your wants.

Jackson & Perkins Company
Nurserymen and Florists (Wholesale Only)
NEWARK, Wayne Co., NEW YORK

ANTON SCHULTHEIS, College Point, L. I.
Headquarters for
DECORATIVE and FLOWERING PLANTS

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DAYTON, O.

The Market.

Valentine's day meant much for last week's trade, which was beyond a doubt quite satisfactory to all. Then, too, it was a busy week with funeral work, so that the two combined kept the florists on the jump most of the time. It was quite frequently remarked that the rush that accompanied Valentine's day reminded one of when the holiday season was approaching, as there was a decided increase in the trade over that of preceding years. Evidently flowers are increasing in popularity for valentines. It was an impossibility to keep up with the demand for red roses and violets, while red carnations, which were more plentiful, did not go begging either. Lilies of the valley were also favorites, and in fact cut flowers of all kinds sold out well. Azaleas, too, brought good prices.

The rose crop is still shy and the demand excessive; these conditions, however, will not hold out much longer, as the weather of last week was bright and warm. Carnations are sufficient to meet all requirements, lilies also. Both helped out well last week in filling funeral orders. Bulbous stock of all kinds cleans up remarkably, even though the supply is heavy.

The weather has moderated considerably, thus giving the growers a chance to get in a fresh supply of hyacinths and daffodils. Another good boost to local trade last week was the automobile show, which continued throughout the entire week, bringing a call for large quantities of cut flowers, besides decorative plants and greens.

Various Notes.

Wm. Huston, shipping clerk for the Miami Floral Co., is back on duty again after an illness of three weeks.

Miss Amy Ewing is speedily recovering from her recent illness of typhoid fever.

The Miami Floral Co. is cutting large quantities of good carnations, on which they report good sales. They are also shipping lots of carnation cuttings.

R. A. L.

Double Pink Killarney

March delivery, $100.00 per 1000.

FERNS...FERNS

Boston, Whitmani, Scholzeli,
4-in., $12.50; 5-in., $25.00; 6-in., $40.00

CYCLAMEN

In bud and bloom, 5-in., 30c; 6-in., 50c.

Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

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Carnation Calyx



An effective cure for splits. Simple and indestructible, made of brass. Does not retard the growth of flower at all. A trial will convince. $2.00 per 100, delivered free when cash is with order.

MORTON R. TANK, Chatham, New York

ROOTED CUTTINGS

CARNATIONS

Strong, clean, healthy stock; well rooted. Now ready

	100	1000		100	1000
Beacon	$2.50	$20.00	White Perfection	$2.00	$17.50
White Enchantress	2.50	20.00	Rose-pink Enchantress	2.00	17.50
Enchantress	2.00	17.50			

YOUNG ROSE STOCK

Perle, 2½-inch.....$4.00 per 100; $30.00 per 1000

PETER REINBERG

30 East Randolph Street CHICAGO

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Western Headquarters for ROSE PLANTS **Poehlmann Bros. Co.**

DOUBLE WHITE KILLARNEY (Poehlmann Strain)

Grafted Stock, $30.00 per 100, $250.00 per 1000

		100	1000
Grafted—			
Pink Killarney	2½-inch,	$12.00	$100.00
White Killarney	2½-inch,	12.00	100.00
Richmond	2½-inch,	12.00	100.00
Maryland	2½-inch,	12.00	100.00
Radiance	2½-inch,	14.00	120.00
Mrs. Aaron Ward	2½-inch,	14.00	120.00
Melody	2½-inch,	14.00	120.00
Antoine Rivoire, Mrs. Taft or Prince de Bulgarie	2½-inch,	14.00	120.00
Lady Hillingdon, limited stock only	2½-inch,	15 00	.....
Sunburst	2½-inch,	35.00	.....
Own Root—			
Pink Killarney	2½-inch,	6 00	55.00
White Killarney	2½-inch,	6.00	55.00
Maryland	2½-inch,	6.00	55.00
Richmond	2½-inch,	5.00	40.00
Antoine Rivoire, Mrs.Taft or Prince de Bulgarie,	2½-inch,	8.00	70.00
Radiance	2½-inch,	8.00	.....
Melody	2½-inch,	8.00	70.00
Aaron Ward	2½-inch,	8.00	70 00
Double Pink Killarney	2½-inch,	8.00	70.00

Orders are now booked for April, May, June and July delivery.
All goods sold for cash or 30 days on approved credit.

POEHLMANN BROS. CO., Wholesale Florists **Morton Grove, Ill.**

Mention The Review when you write.

ST. NICHOLAS

¶If you have not placed your order for St. Nicholas, you will do well to do so at once. We are sold up clean on all we can deliver during February. We are booking orders now for delivery March 15. Get your order in before these are all spoken for. **$12.00 per 100; $100.00 per 1000.**

BAUR & STEINKAMP

Carnation Breeders **Indianapolis, Ind.**

SUNBURST



The winning new rose of the year. Has been exhibited at all the large shows of 1911-1912, and has won first place over every competitor.

Awarded 90 for culture by the N. Y. Florists' Club at Mr. C. H. Totty's place at Madison, N. J.

An enormous rose on long stems.

Absolutely continuous through the dark weather.

Foliage large and heavy.

Buds long and pointed.

Color, deep orange and pure gold.

Is being planted in quantity by all the best growers. Ready March 1, 1912.

Own Root, $ 30.00 per 100
250.00 per 1000

Grafts, 35.00 per 100
300.00 per 1000

Our grafts are superlatively fine this year.

THE E. G. HILL CO., Richmond, Ind.

CARNATIONS

PRINCESS CHARMING

Better than Enchantress.
Try it and convince yourself.
Rooted cuttings...$6.00 per 100; $50.00 per 1000
Unrooted cuttings 3.00 per 100; 25.00 per 1000

Immediate delivery.

XMAS CHEER

The scarlet pot carnation.
Rooted cuttings only, $6.00 per 100; $50.00 per 1000.

Henry Eichholz
WAYNESBORO, PA.

Don't Delay Ordering

Benora Carnation

NOW, for seasonable delivery.

Write for descriptive circular. Cultural directions with each shipment.

$12.00 per 100; $100.00 per 1000.

PETER FISHER, Ellis, Mass.



Comfort

PM QUALITY

A Seedling of S. M. MERWARTH & BRO., Easton, Pa.

Parentage, HARLOWARDEN and ENCHANTRESS

As a medium-priced "red" it has a very promising future

From the Florex Gardens, North Wales, Pa., where this has been grown on trial, we have a letter under date of Nov. 24, 1911, saying: "So far we like the new seedling very much; the color of the flower is fine and the size good. The stems are stiff and the number of blooms to a plant shows it will be a good producer."

E. J. Weaver, of Ronks, Pa., who has been growing five hundred on trial, writes us under date of Jan. 8, 1912: "So far this season this variety has produced more than double the blooms Beacon has, planted in the same house, and I feel sure it will maintain its lead the balance of the season. It is of a much brighter color than Beacon, flower as large, with a good stem, and a calyx that practically does not split, not averaging more than one split flower a week from the five hundred plants."

Well-rooted Cuttings, $6.00 per 100, $50.00 per 1000

Our Usual Guarantee Goes with This Stock

S. S. PENNOCK-MEEHAN CO.

"THE" Wholesale Florists of Philadelphia **1608 Ludlow St., PHILADELPHIA, PA.**

Mention The Review when you write.

DETROIT.

Various Notes.

Owing to important business matters, W. N. Rudd, who was personally to address the Detroit Florists' Club at the meeting of February 19, could not be present. His paper, entitled "Where Some of Us Are Lame," was read and brought forth an interesting discussion; in fact, it contained so much food for thought that it was moved that it be read again at the meeting of March 4.

J. J. Karins, of Henry A. Dreer's, was in attendance at the meeting of February 19 and reported business in general all over the country as being good and the prospects fine.

Henry Rahaley and Adolph Thoman were unanimously elected members of the Detroit Florists' Club.

Albert Havrane, of Walkerville, shipped over one ton of lettuce to the Detroit market during the last two weeks.

Reports concerning Valentine's day show that this year's business for this event far exceeded that of any previous year. The extremely cold weather just previous to February 14 was thought to be partly the cause of the increase in business, as people took advantage of the milder weather.

With the coming of warmer weather the coal situation is somewhat relieved. Matters looked pretty serious at times, but now that warmer weather is assured relief is in sight.

Hugo Schroeter, representing the Pulverized Manure Co., of Chicago, is booking many orders for the firm's products in and about Detroit.

The Gardening Society, composed of many of Detroit's most prominent ladies, was addressed on the subject of "Annuals" at its meeting at Mrs. Newberry's residence on Tuesday, February 20, by a member of our club.

Elmer Smith, of Adrian, was in Detroit February 19, but could not remain over for the meeting, owing to sickness at home. H. S.

GRAFTED ROSE PLANTS

Choice stock from flowering wood.

Ready for delivery April 1st, well hardened off and fit to plant or repot.

Mrs. Aaron Ward	per 100,	$12.00
Pink Killarney	"	12.00
White Killarney	"	12.00
Rhea Reid	"	12.00
De Bulgarie, ready May 1st	"	12.00

Our stock is all grafted on selected English Manetti.

BASSETT & WASHBURN,

Office and Store, 131 N. Wabash Ave. CHICAGO **Greenhouses, Hinsdale, Ill.**

Mention The Review when you write

Cyclamen Seedlings and R. C., Etc.

We have a fine lot of Cyclamen Seedlings, very good imported strain, to offer in 6 separate varieties, $1.50 per 100; $12.50 per 1000.

	Per 100	1000
Moonvines, white, R. C., extra fine and clean. We have 10,000 of these.	$1.50	$15.00
4000 **English Ivy,** R. C.	1.00	10.00
3000 **Lantanas,** R. C., in 3 varieties.	1.50	12.50

Hydrangea Otaksa, dormant, 3-in., $8.00 per 100; 4-in., $15.00 per 100; 5-in., $25.00 per 100.

We solicit your patronage.

D. U. Augspurger & Sons Co.

PEORIA, ILL.

Mention The Review when you write.

DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

DAVID HERBERT & SON

ATCO, N. J.

Carnation Rooted Cuttings

ROSETTE—The bright, large-flowered dark pink Carnation. Only a few thousand left for early March delivery—

$12.00 per 100; $100.00 per 1000

250 at 1000 rate.

For February delivery we can supply now:

	100	1000
Scarlet Glow	$3.00	$25.00
White Perfection	3.00	25.00
Bonfire	6.00	50.00
Rose-pink Enchantress	3.00	25.00

Quality cuttings.

F. DORNER & SONS CO.,

LA FAYETTE, IND.

Leaders in Both Quality of Stock and in Varieties.

Our rose stock for greenhouse growing is considered the finest quality which can be produced and there are thousands of customers from California to Maine who will testify to the truth of the assertion.

Double White Killarney (Budlong)

and **Killarney Queen**

are our two introductions of 1912.

	100	1000
Grafted Plants	$30.00	$250.00
Own Root	25.00	200.00

Sunburst, of our own growing, which means quality in the young stock, at the introducer's prices.

Lady Hillingdon. The yellow rose, noted for its wonderful color and freedom of growth.

	100	1000
Grafted Plants	$25.00	$200.00
Own Root	20.00	150.00

Melody

	100	1000
Own Root Plants	$12.00	$100.00

Mrs. Aaron Ward

	100	1000
Grafted Plants	$20.00	$150.00
Own Root	10.00	90.00

Standard Commercial Varieties

Killarney **White Killarney** **Richmond**
Mrs. Taft (Rivoire) **My Maryland** **Radiance**

	100	1000
Grafted Plants	$15.00	$120.00

250 of a variety at the 1000 rate. Special prices quoted on 5000 or more.

Commercial Chrysanthemums

Chadwick Supreme, Roman Gold and Smith's Advance in quantity. All the choice commercial varieties.

Bedding Stock in Quantity

Coleus **Salvia** **Heliotrope**

Place your orders now and be certain of your stock. We guarantee satisfaction to our customers. Satisfactory references or cash required from unknown parties.

A. N. PIERSON, Inc., Cromwell, Conn.

Mention The Review when you write.

DELHI

A splendid commercial **red Carnation.** It will pay any grower to invest in it. We are now booking orders for latter part of February and March delivery. Stock limited.

$10.00 per 100; $75.00 per 1000

SKIDELSKY & CO., 1215 Betz Building, PHILADELPHIA, PA.

WM. MURPHY, 309 Main Street, CINCINNATI, OHIO

Mention The Review when you write.

Asparagus Plumosus, 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Asparagus Sprengeri, 2-in. pots, $2.00 per 100; 2½-in. pots, $3.00 per 100; 3-in. pots, $4.00 per 100.

Smilax, 3-in. $4.00 per 100.

Ferns, Boston, Whitmani, Scottii and **Scholzeli,** 4-in. pots, $2.00 per doz.; 5-in., $3.00 per doz.

Dracaena Indivisa, 3-in. pots, $4.00 per 100.

Daisies, white, Paris, Giant, 2½-in. pots, $3.00 per 100.

Clematis Paniculata, strong plants, 2-yr.-old, $10.00 per 100; 1-yr.-old plants, $5.00 per 100.

Hardy English Ivy, 4-in. pots, $10.00 per 100; 3-in. pots, $5.00 per 100.

C. EISELE

11th & Westmoreland Sts., Philadelphia, Pa.

Mention The Review when you write

CHINESE PRIMROSES

Best fringed, $4.00 per 100.

Obconica Giants, largest flowering, strong 3-in., $5.00 per 100.

Pelargoniums, extra strong 3-in., $5.00 per 100.

Irish Shamrocks, the real green, 2-in., large plants, $3.00 per 100.

Shamrocks. 2½-in., fine plants, $5.00 per 100.

Miniatures, in pots, $5.00 per 100.

CASH, PLEASE

M. S. ETTER,

Successor to John F. Rupp, **Shiremanstown, Pa.**

Mention The Review when you write.

ROOTED CUTTINGS

Begonias, flowering kinds, $1.75 per 100.
Verbenas, 70c per 100; $6.00 per 1000.
Pelargoniums, $2.50 per 100.
Ageratums, 60c per 100; $5.00 per 1000.
Daisies and **Salvias,** $1 per 100; $8 per 1000.
Petunias, $1.25 per 100; $10.00 per 1000.
Coleus, 70c per 100; $6.00 per 1000.
Feverfew, true Little Gem (no dog fennel), $1.00 per 100; $9.00 per 1000.

All good varieties and named.
Express paid on all rooted cuttings.
Cash with order.

S. D. BRANT, Clay Center, Kan.

Mention The Review when you write.

FERNS---ROSES ....BEGONIAS....

Amerpohlii, Barrowsii, Scottii, Elegantissima, Boston, Jacksoni, Piersoni, Sword, Whitmani, 2½-in. pots, $4.00 per 100; 4-in., $15.00 per 100.

Rex Begonias, assorted varieties, 3-in. pot plants, $5.00 per 100; $45.00 per 1000.

Roses our specialty. Ask for quotations.

The Dingee & Conard Co., West Grove, Penna.

Always mention the Florists' Review wher writing advertisers.

PLANTS YOU NEED

CHINESE PRIMROSES, 4-in., full of bud and bloom, extra fancy mixed, $7.50 per 100.
PRIMULA OBCONICA, 4-in., mixed, full of bud and bloom, $5.00 per 100.
CINERARIAS, fancy mixed, 4-in. plants, $5.00 per 100.
ASPARAGUS SPRENGERI, large 4-in., $6.00.
CYCLAMEN, 3-in., 6 colors, $7.50 per 100.
SNAPDRAGONS, 3-in., white, pink, yellow, $5.00 per 100; $45.00 per 1000.
MARGUERITES, large 2½-in. plants, white and yellow, $2.25 per 100.
HELIOTROPES, 2½-in., 3 kinds, $2.50 100.
FUCHSIAS, 2½-in., 12 kinds, including Little Beauty and Storm King, $2.50 per 100.
PELARGONIUMS, Lady Lloyd, 2½-in., $4.00.
ALTERNANTHERAS, red and yellow, 2¼-in., $2.00 per 100; $18.00 per 1000.
ALTERNANTHERAS, Brilliancy, 3-in. plants, $3.00 per 100.
DOUBLE PETUNIAS, 3-in., 12 kinds, $5.00 100.
SMILAX, large 2½-in., $2.00 per 100.
CANNAS, 15 fancy kinds, mixed, $1.50 per 100; $14.00 per 1000.

Send your order now. This adv. may not appear again.

ALONZO J. BRYAN, Wholesale Florist,
Washington, New Jersey

Mention The Review when you write.

G. DREYER

Tel. 228 Newtown Jackson Ave. ELMHURST, L. I.
DECORATIVE PLANTS

Always Mention the Florists' Review when writing advertisers

EVANSVILLE, IND.

The Market.

Business has been excellent this month, but there have not been enough flowers produced here and the florists have had to buy heavily from out-of-town. Carnations have been quite plentiful, but roses have been short and are bringing a good price. At present we are having spring-like weather and flowers will be more plentiful in a couple of weeks. A large number of weddings and funerals have kept the florists busy.

Various Notes.

At Julius Niednagel & Sons' trade has been good. They are beginning to cut more heavily of roses, while the carnations have been giving a good, steady crop. Mr. Niednagel will get about $1,200 from the city for moving one house that is in the line of Bell street, which is to be opened soon. He thinks it will be worth this much to move it.

The Wm. Blackman Floral Co. has had to buy stock to supply the demand, business has been so good.

Henry Seymour is getting his share and has had to turn down a good many orders, as the supply of flowers was short. His carnations are producing well, but he has to buy a good many.

Louis Fritsch is cutting several hundred fine carnations each week and has a good sale for them.

J. C. Elsperman is cutting lots of nice carnations.

Ben Kramer has been getting considerable work for funerals. The stock he has been buying is good, carnations being especially fine.

Royston & Fenton say the demand for roses is good, but the supply is short. A few more sunshiny days will give the roses a good boost.

E. L. F.

NEW FORCING

HYDRANGEA

Arborescens Grandiflora Alba, or "Hills of Snow." Now is the time to buy and pot up for Decoration Day sales.

1 year field-grown, 2 to 3 canes, $1.25 per doz.; $7.00 per 100; $75.00 per 1000.

3 year field-grown, 5 to 8 canes, $3.00 per doz.; $23.50 per 100; $225.00 per 1000.

3 year field-grown, 10 to 14 canes, $4.50 per doz.; $35.00 per 100; $300.00 per 1000.

1 year field-grown, for lining out, $5.00 per 100; $45.00 per 1000.

Our new Trade List of everything you need mailed on application. Write for it today.

The Good & Reese Co.

The Largest Rose Growers in the World

Springfield, Ohio

Mention The Review when you write.

FERNS FOR DISHES

Assorted varieties, 2¼-in pots, $3.50 per 100; $30 00 per 1000.

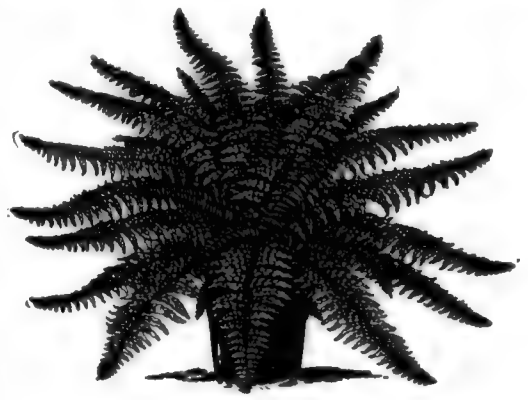
Asparagus Plumosus,

2¼-in. pots, $3 50 per 100; $30.00 per 1000; 3-in. pots, $6.00 per 100.

Cash with order. 500 at 1000 rate.

FRANK OECHSLIN. 4911 W. Quincy Street, CHICAGO, ILL.

Mention The Review when you write.



ROOSEVELT.

	2½-in. 100	4-in. 100	5-in. 100	6-in. 100
Boston	$3.50	$12.00	$25.00	$40.00
Whitmani	3.50	12.00	25.00	40.00
Todeasides	3.50	12.00	25.00	40.00
Scottii			25.00	40.00

Asparagus Plumosus, 2-in., $2.00 per 100; $18.00 per 1000; 2½-in., $3.50 per 100; $30.00 per 1000; 3-in., $5.00 per 100; $45.00 per 1000.

Per 100

Coleus Christmas Gem $2.50

Roosevelt Ferns

This fern will undoubtedly take the place of Boston in the near future. It is a faster grower, makes twice the runners and finishes up into a large plant in shorter time. 2½-inch, $2.50 per dozen; $17.50 per 100; $150.00 per 1000.

Per 100

Violets, Wales $2.50

German Iris, Florentina Alba, earliest large-flowering Iris 2.50

Iris Pallida Dalmatica, lavender, shaded blue 8.00

Clematis Paniculata, 2-in., $2.50 per 100; $20.00 per 1000; field, 1-year, $4.00 per 100; 2-year, $8.00 per 100.

Phlox Miss Lingard, field clumps, $4.00 per 100; $35.00 per 1000.

THE REESER PLANT CO., Exclusively Wholesale Plantsmen SPRINGFIELD, OHIO

Mention The Review when you write.



"FAIRY QUEEN"

New early pompon.

Deep shell pink, of round form, and medium size.

Awarded Certificate by Chrysanthemum Society of America.

March delivery.

$2.50 per dozen; $15.00 per 100

HARTJE & ELDER

R. F. D. No. 29

INDIANAPOLIS, IND.

Mention The Review when you write.

Salvia Rooted Cuttings

	100	1000
Zurich	$1.00	$7.00
Bonfire	.80	6.50

Cash.

J. P. SIEBOLD, Lancaster, Pa.

Always mention the Florists' Review when writing advertisers.

Easter Lilies and Hydrangeas

FOR EASTER

Buy your **Lilies** now (if you have night temperature of 60° they will come in fine shape), at 50c each, $40.00 per 100.

Our **Hydrangeas** are even better than last year, when we had the finest in the west. A Hollander who saw them last week says; "Finest I ever saw." Order now. Think of the price—**for one week only**, 12½c per head; they run from 6 to 20 in heads.

OTHER STOCK

Azaleas, 75c, $1.00, $1.25 and $1.50.
Spiraeas, 35c, 50c and 75c.
Deutzias, 25c.
Baby Rambler Roses, 6-in., 50c and 75c.
Baby Rambler Roses, 4-in., red, pink and white, 25c and 35c.
Hermosa Roses, 4-in., 20c, 25c and 35c.
Primroses, Chinese and Obconica, 3 and 4-in., fine.
Cyclamen, 4-in., fine. **Cinerarias**, 4 and 5-in.
Hyacinths, 4 and 5-in. **Tulips**, 5 and 6-in.
Narcissus, 5 and 6-in.

ROSES

	Per 100 R. C.	2½-in.	3-in.
American Beauties	$3 50	$6.00	$8.50
Brides	2.00	3 50	6 00
Maids	2.00	3 50	6.00
Kaiserins		6.00	8.50
Ivory	2 00	3 50	6.00
Uncle John	2.00	3 50	6.00
Richmond	2.50	4.00	7.50
Killarney, Pink		6.00	8.50
Killarney, White		6.00	8.50

FERNS WORTH THE MONEY

35,000 in stock Jan. 20, 1912.

	2½ in.	3-in.	4-in.	5-in.	6-in.	7-in.	8-in.
Bostoniensis—	$4.00	$7.50	$12.50	$25.00	$40.00	$60.00	$100.00
Whitmani—	$4.00	$7.50	$15.00	$35.00	$50 00	$75 00	$125.00
	2½-in.		3-in.	4-in.	5-in.	6-in.	
Amerpohlii	$ 5.00		.....	.....	$40.00	.....	
Piersoni	4.00		$ 7.50	$12.50	25.00	$50.00	
Scottii	.....		.....	15.00	.....	.....	
Roosevelt	12.50		.....	25.00	50.00	75.00	
Plumosus	3.50		7.50	15.00	25.00	50 00	
Sprengeri	2.50		6.00	15 00	25.00	40.00	
Maidenhair	5.00		10.00	.....	.....	.....	
Small Ferns	5 00		.....	.....	.....	.....	

Large Specimen Ferns, in 10-in. and 12-in., at $2.00 to $2.50 each.

See Classified for Soft-wood Stock

GEO. A. KUHL, Wholesale Grower **PEKIN, ILL.**

JOHN SCOTT

Rutland Road and E. 45th St.,

BROOKLYN, N. Y.

Palms, Ferns and Decorative Plants

Always mention the Florists' Review when writing advertisers.

The New Carnation, BROOKLYN

A Reincarnation of the Old William Scott, but embodying additional and more important qualities

A beautiful Deep Pink after the style of the old William Scott, lighter than Lawson, grand under artificial light. Highly built-up center, petals fringed, habit of growth all that could be desired. Very easy propagator, fastest growth of any Carnation. Flowers 3-in. and larger. **Preliminary scoring, New York Florists' Club, 86 points. "Certificate of Merit" Horticultural Society of New York. TO BE DISSEMINATED 1911-1912.**

ROOTED CUTTINGS, ready now, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate.

Charles Weber
GROWER
Lynbrook, Long Island, New York

R. G. WILSON
Fulton Street and Greene Avenue
BROOKLYN, N. Y.

CHAS. H. TOTTY
Madison, N. J.

Mention The Review when you write.

Pot-Grown Ferns

NEPHROLEPIS
Scottii, Whitmani, Bostoniensis, Piersoni
4-inch, 15c each; 5-inch, 25c each; 6-inch, 50c each; 7-inch, 75c each; 8-inch, $1.00 each.
Large plants .....$1.50 to $3.00 each

CIBOTIUM SCHIEDEI
7-inch $2.00
9-inch 5.00
10-inch tub 7.50

PALMS
Areca Lutescens, 3-inch, 15c; 4-inch, 25c; 6-inch, $1.00; 9-inch, $5.00; 10-inch tub, $6.00.
Latania Borbonica, 4-inch, 20c; 5-inch, 30c.
Kentia Forsteriana—
4-inch pots.....$25.00 and $35.00 per 100
5-inch pots..... 50.00 and 75.00 per 100
6-inch pots..... 1.00 each
7-inch pots..... 2.50 each. Fine plants.
Kentia Forsteriana—
Combination .....$3.00 to $15.00 each
Kentia Belmoreana—
3-inch pots .....$18.00 per 100
4-inch pots .....$25.00 and 35.00 per 100
5-inch pots ..... 50.00 and 75.00 per 100
Kentia Belmoreana—
Larger plants,.....from $2.50 to $10.00 each
Cocos Weddelliana, 2½-inch pots..$15.00 per 100

FICUS PANDURATA
5-inch $0.75
6-inch 1.50
8-inch 3.00

FICUS ELASTICA
4-inch $0.25
5-inch ..... .35
6-inch .....50c and .75
7-inch .....75c and 1.00

DRACAENA MASSANGEANA
5-inch $1.00
6-inch 1.50
7-inch 2.50
8-inch 3.00

DRACAENA TERMINALIS
4-inch $0.35
5-inch ..... .50

DRACAENA LORD WOLSELEY
4-inch.....$0.50
5-inch ..... .75

PANDANUS VEITCHII
4-inch $0.50
5-inch ..... .75
6-inch 1.00
7-inch 1.50
8-inch 2.00

ASPIDISTRAS
Variegated, 5-inch, strong.....$1.25
Green, 6-inch, strong..... 1.00

ARAUCARIAS
Compacta, 5-inch $1.25
Compacta, 6-inch 1.75
Excelsa, 5-inch ..... .50
Excelsa, 6-inch .....75c and 1.00

CHINESE PRIMROSES
4-inch $0.10
5-inch ..... .20

PRIMULA OBCONICA
4-inch $0.10
5-inch ..... .25

ASPARAGUS SPRENGERI
2¼-inch.....$3.00 per 100

ASPARAGUS PLUMOSUS
2¼-inch $0.04

VINCA
Rosea, Rosea Alba, Alba, 2¼-in.....$2.50 per 100

JOHN BADER CO.
1826 Rialto St., N. S., PITTSBURGH, PA

Mention The Review when you write.

ROSES

	GRAFTED		OWN ROOT	
	Per 100	1000	Per 100	1000
Double White Killarney (Reuter's Strain)	....	.....	$25.00	$200.00
Lady Hillingdon	$25.00	$200.00	20.00	150.00
Rose Queen	20.00	150.00	15.00	100.00
Double Pink Killarney	.....	.....	15.00	100.00
Mrs. Taft	18.00	150.00	8.00	70.00
Melody	.....	.....	12.00	100.00
White Killarney, Pink Killarney and Richmond	.....	.....	7.00	60.00
Maryland	.....	.....	7.00	60.00

Our stock is grafted on English Manetti and is especially strong and clean. It is heavily rooted and as good as can be produced. Write for special prices on large quantities.

CARNATIONS

ROOTED CUTTINGS

	Per 100	1000		Per 100	1000
White Wonder	$6.00	$50.00	Bonfire	$6.00	$50.00
Gloriosa	6.00	50.00	Mrs. C. W. Ward	3.50	30.00
Washington	6.00	50.00			
White Enchantress, White Perfection, May Day, Afterglow, Winsor, Beacon, Ruby and Conquest				3.00	25.00

New Double Marguerite, Mrs. F. Sander

A good variety, very free and an easy grower. Strong plants, 2-in. pots, $5.00 per 100; $40.00 per 1000.

S. J. REUTER & SON, Inc., Westerly, R. I.

Mention The Review when you write.

YOU WHO WANT

Early Cuttings

Place your orders and get

IMMEDIATE DELIVERY

	Per 100	Per 1000
Enchantress, White Enchantress, Beacon	$3.00	$25.00
Gloriosa, White Wonder	6.00	50.00
Dorothy Gordon	$4.00 per 100;	$35.00 per 1000
Perfection	3.50 per 100;	30.00 per 1000
Winsor	2.50 per 100;	20.00 per 1000
Rose-pink Enchantress	2.50 per 100;	20.00 per 1000

For MUMS see classified advertisement.

J. D. Thompson Carnation Co., Joliet, Ill.

Mention The Review when you write.

BALTIMORE.

The Market.

The Valentine's day business served to give the wholesale market renewed strength, for the volume of sales was quite satisfactory, considering the stormy weather which we have been having. While large quantities of stock were moved, prices did not advance greatly, because of the large supply in practically every line except roses. The number of violets sold was something tremendous. Practically every retailer made some special effort in the way of window decorations of heart-shaped and other boxes of flowers and business done at retail was satisfactory.

Carnations are in oversupply and prices are on the down grade, although flowers are of fine quality. Sweet peas are a glut, but of excellent quality, with ten to twelve inches of stem; thousands were sold on the streets Saturday.

Bulbous stock is in heavy supply and prices are lower. Some good narcissi are now coming in, and tulips are arriving with better stems and move fairly well. All bulbous stock is cheap and it is no wonder that the bulb salesmen from Holland, who now are so numerous in town, find the buyers slow to place orders.

Various Notes.

The twenty-fifth anniversary of the Florists' Club will be celebrated with a banquet at Mt. Holly Inn March 11. It is expected that about 300 will attend, including the ladies and a large number of out-of-town guests. Robert L. Graham, president of the club, was ambitious to see 200 members in the club before March 11, and since this has been accomplished he has been more than pleased.

R. Vincent, Jr., & Sons Co., of White Marsh, reports one of the heaviest demands for geraniums that they ever had, shipping thousands daily.

J. J. Cummings will erect three new houses, 35 x 200 each, on Dorsey Lane, using the King construction.

D. T. Quick, of Woodlawn, will build one house, 27 x 100, for carnations.

Chas. H. Cook, of Catonsville, will build two new houses, each 23 x 100, for cut stock. Q.

Every grower who has found a profit in Golden Glow mums will want to try

SMITH'S ADVANCE

the earliest white. We are supplying stock from a grower who made a great success with it. Rooted cuttings, 75c dozen; $5.00 per 100. From 2¼-in. pots, $1.25 dozen; $8.00 per 100.

100 rate on lots of 25 or more.

GROWERS:—Write us about your needs in Carnation Cuttings. Our connections with the best growers everywhere make it possible for us to supply stock of best quality.

A. L. RANDALL CO.

66 E. Randolph St., CHICAGO

Mention The Review when you write.

F. S. SMITH

Mrs. F. Sander Daisy, 2-in.....$5.00 per 100
Geraniums—Castellane, S.A. Nutt, J. Viaud, Marvel, 2-in., $2.50 per 100

330 W. 38th St., Indianapolis, Ind.

Mention The Review when you write.

Seasonable Plants

At bargain prices, for immediate delivery, to make room for planting. All fine stock.

Carnation White Wonder, fine cuttings, ready now, $5.50 per 100. Write for price on 5000.

200 **4-inch Genista,** for Easter blooming, $1.00 per doz.

100 **Jerusalem Cherries,** right for February 22, 12½c each.

5000 **Godfrey Calla,** $35.00 per 1000.

5000 **Adiantum Croweanum,** 10c each.

100 **Primula Chinensis,** 5-inch, in full bloom, $1.00 per doz.

500 **Mrs. Sander Daisy** (new), 6c each.

FRED H. LEMON & CO., Richmond, Ind.

Mention The Review when you write.

CHRYSANTHEMUMS

A PINK GARZA (Mary Colladay)

A seedling of Garza, with habit of parent; in color, a rich rose lavender pink. Extremely free and of excellent keeping qualities. Whether grown for pot plants or for cuttings, it is equally adaptable. Do not disbud.

35 cents each; $4.00 per dozen; $25.00 per hundred

HARDY CHRYSANTHEMUMS

Send a card for our list of a selected collection, with prices.

THE STRAFFORD FLOWER FARM, STRAFFORD, PA.

Mention The Review when you write.

Booking Orders NOW for

HELEN NEWBERRY

The Fine Late White Pompon Chrysanthemum

DELIVERY MARCH 1, 1912—ORDERS FILLED IN ROTATION

Prices

100 for $15.00 50 for $7.50 25 for $5.00 12 for $3.00

Send orders to

FRED PAUTKE OR **FRED BREITMEYER**

Grosse Pointe, Mich. Mt. Clemens, Mich.

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Chrysanthemums and Aster Seed

Elmer D. Smith & Co., Adrian, Mich.

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CHAS. D. BALL

GROWER OF

PALMS, ETC.

Send for Price List

HOLMESBURG, - - PHILADELPHIA, PA

Julius Roehrs Co.

RUTHERFORD, N. J.

Palms, Plants, Orchids, Etc.

Send for Price List.

DREER'S FINE FERNS

Adiantum Farleyense

For fine decorations, a splendid lot of

4-inch pots.....$ 5.00 per dozen; $ 40.00 per 100
5-inch pots..... 9.00 per dozen; 70.00 per 100
6-inch pots..... 12.00 per dozen; 100.00 per 100

Adiantum Croweanum

3-inch pots.....$2.50 per dozen; $15.00 per 100

Nephrolepis Bostoniensis

6-inch pots.....50 cents each; 10-inch pans, $2.00 each

Nephrolepis Scottii

6-inch pots.....50 cents each

Nephrolepis Superbissima

6-inch pots.....35 cents each

Mixed Ferns

2½-inch pots.....$5.00 per 100; $40.00 per 1000

Asparagus Plumosus Nanus

2¼-inch pots.....60 cents per dozen; $4.00 per 100
3-inch pots.....85 cents per dozen; 6.00 per 100
6-inch pans.....50 cents each; $6.00 per dozen

Asparagus Sprengeri

2¼-inch pots.....60 cents per dozen; $4.00 per 100
3-inch pots.....75 cents per dozen; 6.00 per 100

Cibotium Schiedei

Splendid decorative stock; the best we have ever offered.
6-inch pots..$1.50 each 10-inch tubs ..$3.50 to $ 5.00 each
8-inch pots.. 2.50 each 12-inch tubs .. 6.00 to 10.00 each



Mixed Ferns for Fern Dishes

Prime stock in 2¼-inch pots, $3.50 per 100; $30.00 per 1000

HENRY A. DREER,

714 CHESTNUT STREET
PHILADELPHIA, PA.

The above Prices are for the Trade only.

CYCLAMENS

YOU NEED CYCLAMENS and we have them in fine shape, 4-in., 5-in. and 6-in., from 15c to 50c each.

150,000 GIANT CYCLAMEN SEEDLINGS.

We claim the finest commercial strain in this country. Mr. A. Hange, Birmingham, Ala., says, "I planted 100 of your seedlings last year (1910) in comparison with 2500 from so-called unrivaled, high-priced English strains, but yours outgrew them." Transplanted August seedlings, $3.00 per 100; $25.00 per 1000.

GODFREY CALLAS bring 3 flowers to 1 of the common, and bloom from 3-in. pots; 3-in., $6.00 per 100.

Cash with order.

C. WINTERICH

Cyclamen Specialist, Defiance, Ohio

Mention The Review when you write.

ORCHIDS

OUR FIRST COLLECTIONS COME IN APRIL

Cattleya Labiata	Cattleya Mendelii
Cattleya Percivaliana	Cattleya Gaskelliana
Cattleya Trianae	Cattleya Mossiae
Cattleya Schroederae	Cattleya Speciosissima

Have you placed your order?

Send for Catalogue.

G. L. FREEMAN, Wellfleet, Mass.

Mention The Review when you write.

ORCHIDS

CALANTHE VEITCHII, dormant bulbs. We beg to offer a fine lot of these for potting this spring; no Orchid pays better to grow for cut flowers. Also a number of rarer kinds of Calanthes. Write for prices.

LAGER & HURRELL, Summit, N.J.

Mention The Review when you write.

CHOICE FERNS

FINE STOCK FOR IMMEDIATE SHIPMENT

Nephrolepis Ciatrasii (the improved Scottii fern), 6-in., 75c each; 8-in. $1.50 each; 10-in., extra fine specimens, $3.00 to $5.00 each.
Nephrolepis Harrisii, 10-in., fine specimens, $3.00 to $5.00 each.
Nephrolepis Bostoniensis and Piersoni, 8-in., $1.00 and $1.50 each; 10-in., $3.00 and $4.00 each.
Nephrolepis Scottii, 6-in., 50c each; 8-in., $1.00 each; 10-in., $2.50 each.
Nephrolepis Elegantissima, 8-in., $1.00 and $1.50 each; 12-in., $5.00 and $7.50 each.
Nephrolepis Superbissima, 10-in., $3.00 each.
Nephrolepis Viridissima, 3½-in., 25c each; 6-in., 50c and 75c each; 8-in., $1.00 each; 10-in., $3.00 each
Nephrolepis Magnifica and Elegantissima Compacta, 3½-in., 25c each.

F. R. PIERSON CO., Tarrytown-on-Hudson, NEW YORK

Mention The Review when you write.

40,000 S. A. NUTT

To be disposed of at once to make room for later stock; consisting of 2½-inch and 3½-inch, all ready to shift. They are strong and healthy plants.

We also have about **12,000 Mixed Plants** (mixed by mistake), that we are offering at a bargain; they are unnamed, but consist of single and double white, single and double pink and single and double red. Write for prices.

The Meredith Flower & Vegetable Co., LIBERTYVILLE ILL.

Orchid Peat

(Osmunda Fiber)

Price list and samples on request.

The C. W. BROWNELL CO.
WALDEN, N. Y.

FERNS AND ASPARAGUS

Nephrolepis Whitmani, Scottii and Bostoniensis, 6-in. pots, 35c each; 7-in., 75c each.
Asparagus Plumosus, 3-in., $5.00 per 100.

Cash with order.

ASCHMANN BROS.
Second and Bristol Sts. PHILADELPHIA

LANCASTER, PA.

A meeting of the Lancaster County Florists' Association was held February 15, with an attendance that filled the Chamber of Commerce rooms.

H. D. Rohrer & Son exhibited some exceptionally fine white and yellow daisies and a vase of White Wonder that was far ahead of anything seen at Detroit.

Elmer Weaver and the Wheatland Aquarium & Greenhouse Co. each exhibited a vase of well grown Mrs. C. W. Ward, which is a popular variety in this section.

Amos Rohrer, of Strasburg, exhibited a fine vase of Mrs. T. W. Lawson, a variety which he has grown continuously since its introduction, and with continuous success.

Washington was shown in fine form by Albert M. Herr.

The new daisy, Mrs. F. Sander, was exhibited by E. P. Hostetter, of Manheim.

Three fine vases of sweet peas were shown by Charles Weaver, of Ronks, one vase being a selection of Earliest of All, a big improvement in color.

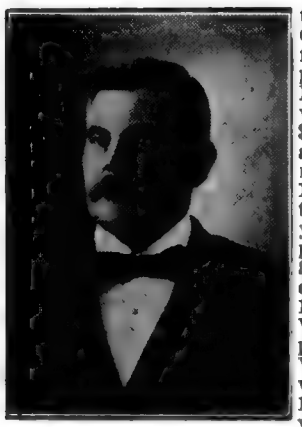
The paper of the evening, by H. D. Rohrer, with carnations as the subject, was partly historical and partly cultural and was both interesting and instructive. The paper brought forth a lively discussion.

On motion it was decided to invite D. T. Connor, Philadelphia representative of the Foley Mfg. Co., to read a paper on greenhouse construction at the meeting of March 21.

Lancaster county has long enjoyed the distinction of being the garden spot of the United States; this association is going to try to make it the floral center of the United States for our specialties, carnations and geraniums, if we all have to get under the same greenhouse roof to do it. A. M. H.

Little Falls, N. Y.—J. O. Graham says the zero weather has been quite a tax on the coal pile and great watchfulness is necessary in order to be sure that steam is kept up. Following a busy holiday trade, this uses up some of the profits, but as business generally is reported as better than the average, one must not complain of this cold snap.

Down—Down—Down



they go for a short time. Our Verbenas are the finest in the land, 60c per 100; $5.00 per 1000. Fuchsias, the best named varieties, $1.00 per 100; $9.00 per 1000. Coleus, all the finest select named varieties, 70c per 100; $6.00 per 1000. Alternantheras, red and yellow, very strong, 60c per 100; $5.00 per 1000. Sweet Alyssum, our big double giant, 80c per 100; $6.00 per 1000. Daisy, White California, $1.00 per 100; $8.00 per 1000. Vincas, rooted cuttings, very strong, $1.00 per 100; $8.00 per 1000. Salvias, Bonfire and St. Louis, the leading varieties, 80c per 100; $7.00 per 1000. Feverfew, Little Gem, large, fine, double flowers, the best of all, $1.00 per 100; $9.00 per 1000. Swainsonas, $1.25 per 100. Mme. Salleroi Geraniums, $1.25 per 100. Express prepaid on all rooted cuttings. Satisfaction guaranteed to all parts of the United States.

C. HUMFELD, Clay Center, Kan.

THE ROOTED CUTTING SPECIALIST

Mention The Review when you write.

EASTER IS COMING SOON

Araucarias Our Specialty



No Arguments Needed

For Easter Day, next Easter Day,
Come fill your benches right away.
The Palms will grow, Azaleas bloom
Best in your house if purchased soon.

The Araucarias that I sell
Will dollars grow if treated well,
And all my Lilies healthy are,
Without one sickly leaf to mar.

What do you need for Easter Day?
Bulbs, Ferns, whatever else you say—
I've everything the people need,
All growing strong as any weed.

And oh, the beauty of them all,
The best of earth, both large and small!
Why, Godfrey Aschmann leader stands,
With all that's good from many lands.

We have an immense stock of **EASTER AZALEAS,** blooming at Easter or before. **Mme. Vander Cruyssen,** double pink; **Simon Mardner,** double pink; **Deutsche Perle,** double white; **Niobe,** double white; **Helene Theleman, Professeur Wolters, Vervaeneana,** double variegated; **Apollo,** red, and others, 75c, $1.00, $1.25, $1.50 to $2.00. **Vervaeneana, Simon Mardner, Deutsche Perle,** nearly in bloom, 75c to $1.00.

NOTICE

We have the finest **LILIUM MULTIFLORUM** in the market. All the Dutch and Belgian drummers, who visit all the noted growers in this country, say: **"These are the best lilies we have ever seen in all our journey."** No wonder we paid our growers in Japan $95.00 for selected 9-10 bulbs. The best is always the cheaper—this our motto. We offer them in 6-in. pots, 5 to 10 buds to a plant, 10c per bud; plants under 5 buds, 12c per bud. Plants have good foliage from bottom up, are of medium height, and the buds are just right for Easter sales.

We have to offer, in prime condition, a large stock of **ARAUCARIA EXCELSA,** 5½, 6 and 7-in, 4, 5, 6 to 7 tiers, 18, 20, 28, 30 to 40 in. high, 50c up to $1.25; **ROBUSTA COMPACTA, EXCELSA GLAUCA,** $1.00 up to $2.00.

FERNS.—SCOTTII, WHITMANI, BOSTON, SCHOLZELI and **GIATRASII,** 5½, 6 and 7-inch sizes, 35c, 40c, 50c, 75c to $1.00.

RUBBER PLANTS, 6 and 7-in. pots, 25 to 35 in. high, 35c, 40c, 50c, 75c to $1.00.

20,000 ASPARAGUS PLUMOSUS, 2½, 3 and 4-in., 3c, 5c and 10c; **SPRENGERI,** 4-in., 10c.

KENTIAS, BELMOREANA AND FORSTERIANA, single, 5½ to 6-in. pots, 25, 30 to 40 in. high, 50c, 75c, $1.00, $1.25, $1.50 to $2.00. **KENTIA BELMOREANA,** made up, 60c, 75c to $1.00.

LATANIA BORBONICA, 7-in., 30 to 35 in. high, 8 leaves, 75c to $1.00; made up, 6-in., 30 in. high, 50c.

ARECA LUTESCENS, 4-in., made up of 3 plants, 15c, 25c; 5¼ in., 25c.

COCOS WEDDELLIANA, 3-in., 15c; 4-in., 20c.

PRIMULA CHINENSIS, in bloom. 4-in., 10c; 5¼-in., $2.00 per doz.

CINERARIA HYBRIDA, our well known strain, 5½ to 6-in. pots, in bud and bloom and for Easter sales, 25c, 35c, 50c and 75c; 4-in., to grow for Easter, 10c; 3-in., 5c.

GODFREY ASCHMANN, 1012 W. Ontario St., Philadelphia, Pa.

WATCH FOR OUR LARGE EASTER DISPLAY AD.

Mention The Review when you write.

STOCK ALWAYS NEEDED

Fern Dish Ferns, assorted, $3.00 per 100; $25.00 per 1000.

Aspidium Tsussimense and Cyrtomium Falcatum, $3.50 per 100; $30.00 per 1000.

Asparagus Plumosus, 2½-in., $3.00 per 100; $25.00 per 1000.

Asparagus Sprengeri, 2½-in., $2.50 per 100; $22.00 per 1000.

Pandanus Utilis, 3-in., $10.00 per 100; 4-in., $20.00 per 100.

Cocos Weddelliana, 2½-in., $10.00 per 100.

Anthericum Variegatum, 4-in., strong, $8.00 per 100.

Rhododendron, special forcing varieties, 8 to 12 buds, 18 in. high, 75c each; 12 to 14 buds, 24 in. high, $1.00 each. Bright colored sorts with perfect foliage.

Azalea Mollis, easily forced, 12 to 15 in. high, full of buds, 25c each; 15 to 18 in. high, full of buds, 35c each.

Kentia Belmoreana, 6-in. pots, 5 to 6 leaves, 24 in. high, $1.00 each; 7-in. pots, 6 leaves, 24 to 26 in. high, $1.50 each.

Kentia Forsteriana, 7-in. pots, 40 to 44 in. high, 5 to 6 leaves, $2.50 each; 8-in. pots, 44 to 48 in. high, 5 to 6 leaves, $3.50 each.

BEDDING STOCK.

You will want to start soon.

Heliotropes. Czar, Czarina, Jersey Beauty, etc., $2.50 per 100.

Coleus—Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.

Croton Aurea Maculata—3-in. pot plants, $8.00 per 100.

English Ivy—Strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.

Violet—Hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000.

Swainsona Alba, 2½-in., $4.00 per 100.

Violet Swanley White, $3.00 per 100.

Geranium Mme. Salleroi, strong 2¼-in., $2.50 per 100.

Dahlias, whole roots, good cut flower sorts, our selection of varieties, $5.00 per 100.

Cannas, strong two and three eyes, fresh divisions. Souv. d'A. Crozy, Florence Vaughan, Mrs. Kate Gray, Gladiator, $2.50 per 100; $20.00 per 1000.

Black Beauty, $4.00 per 100; $30.00 per 1000.

Venus (Grand Pink), $5.00 per 100.

Indiana, Orange colored, giant orchid flowered, $7.00 per 100.

See catalogue No. 5 for complete list.

THE STORRS & HARRISON CO.,

Painesville, Ohio.

ALWAYS MENTION THE **FLORISTS' REVIEW** WHEN WRITING ADVERTISERS



STOCK UP FOR EASTER



and Spring Trade. We have a complete assortment of Decorative and BeddingPlants, Bulbs and Nursery Stock. Let your orders come. They'll be promptly filled with just the stock you want.

EASTER FORCING STOCK

AZALEAS.

Empress of India.....75c $1.00 $1.50 each
Mme. Van der Cruyssen....75c 1.00 1.50 each
JAPAN MAPLE .....$1.00 each
KALMIA LATIFOLIA ..... 1.00 each
LILAC MARIE LE GRAYE..... 1.00 each

RHODODENDRONS.

Named varieties .....75c $1.00 $1.25 each

SPIRAEA.

Gladstone .....$3.00 per doz.
Queen Alexandra..... 4.00 per doz.

BULBS

CANNAS.

Chicago .....$2.50 per 100; $20.00 per 1000
Egandale ..... 2.50 per 100; 20.00 per 1000
Chas. Henderson.. 2.50 per 100; 20.00 per 1000
King Humbert .....$3.00 per 100

DAHLIAS.

A. D. Livoni, shell pink. J. Cowan, single.
Sylvia, light pink. J. Downie, single.
Thatcher, double yellow. Fashion, single.
Ami Barriet, single.
$12.00 per 100.
Field clumps of above.....$80.00 per 1000

GLADIOLI.

Mrs. Francis King, 2nd size, $12.00; 3rd size, $8.00; 4th size, $6.00 per 1000.

ISMENE CALATHINA.

1st size, 6c; 2nd size, 4c; 3rd size, 2c each.

NURSERY STOCK

From the Field, for Spring Shipment.

SHRUBS.

	Feet.	Each.
Morus Alba (Russian Mulberry)....	3 -4	$0.10
Morus Alba	4 -5	.15
Rhus Typhina Laciniata (Cut leaf Sumach)	2 -3	.05
Rhus Typhina Laciniata.....	3 -4	.10
Rhus Typhina Laciniata.....	4	.15
Rosa Rugosa, mixed.....	1½-2	.10
Rosa Rugosa, mixed.....	2 -2½	.15
Rosa Rugosa Alba (Single White).	1½-2	.10
Rosa Rugosa Alba.....	2 -2½	.15
Spiræa Van Houttei (Bridal Wreath)	1 -2	.05
Symphoricarpos Racemosus (Snowberry or Waxberry).....	2	.05
Symphoricarpos Racemosus.....	2 -3	.10
Symphoricarpos Vulgaris (Indian Currant)	1 -1½	.05
Symphoricarpos Vulgaris.....	2 -2½	.10
Symphoricarpos Vulgaris.....	3	.15

PERENNIALS.

Achillea The Pearl (Sneezewort)..... .10
Boltonia Asteroides (False Chamomile).... .15
Iris, German, named varieties, divisions according to size of clump.....$0.02 and up
Yucca Filamentosa (Adam's Needle or Spanish Bayonet) ..... .10
Yucca Filamentosa ..... .15

FERNS

ASPARAGUS BASKETS.

$1.00, $1.50 and $2.00 each.

Pots. ASPARAGUS PLUMOSUS.	Doz.	100
2-in.	$0.40	$ 3.00
3-in.	.75	5.00
4-in.	1.50	12.00
6-in.	4.00	30.00

ASPARAGUS SCANDENS DEFLEXUS.

4-in. .....doz., $1.50

ASSORTED FERNS FOR DISHES.

2-in., 40c per doz.; $3.00 per 100; $25.00 per 1000.

BOSTON FERNS.

Pots.	Each.	Doz.	100	1000
2-in.	....	....	$ 3.00	$25.00
3-in.	....	$ 1.00	8.00	.....
4-in.	....	1.50	12.00	.....
5-in.	....	3.00	20.00	.....
6-in.	....	6.00	45.00	.....
7-in. $0.75		9.00	.....	.....
8-in. 1.00		12.00	.....	.....
9-in. 1.50		18.00	.....	.....
	Each.			Each
10-in. $2.50	12-in.....$3.50	to		$5.00

BOSTON FERN BASKETS.

$1.00, $1.50 and $2.00 each.

CIBOTIUM SCHIEDEI.

7-in. .....each, $2.50; doz., $30.00
8-in. .....each, 3.00; doz., 36.00

PALMS

ARECA LUTESCENS.

Pots.
3-in., 3 in pot.....doz., $2.00; 100, $15.00
4-in., 3 in pot.....doz., 3.00; 100, 25.00
7-in., 4 to 5 in pot, 36-in. high.....each, 3.00
8-in., 5 to 6 in pot, 60 to 64-in. high..each, 5.00

COCOS WEDDELLIANA.

2-in. .....doz., $1.75; 100, $14.00
3-in. .....doz., 2.50; 100, 20.00

KENTIA BELMOREANA.

Pots.	Height.	Leaves.	Each.	Doz.	100
2½-in.	8-in.	4	.....	$ 1.50	$12.00
3-in.	8 to 10-in.	4 to 5	.....	2.00	15.00
4-in.	12-in.	4	.....	3.60	30.00
4-in.	12 to 15-in.	4 to 5	.....	4.50	35.00
5-in.	15 to 18-in.	5 to 6	.....	6.00	50.00
5-in.	18 to 20-in.	5 to 6	$ 0.75	9.00	.....
6-in.	20 to 22-in.	6 to 7	1.00	12.00	.....
6-in.	22 to 24-in.	6 to 7	1.50	18.00	.....
7-in.	36 to 40-in.	6 to 7	4.50	.....	.....
8-in.	40 to 45-in.	7 to 8	5.50	.....	.....
9-in.	48 to 50-in.	7 to 8	8.00	.....	.....
9-in.	50 to 54-in.	7 to 8	10.00	.....	.....

KENTIA FORSTERIANA.

Pots.	Height.	Leaves.	Each.	Doz.	100
2-in.	8 to 10-in.	4	.....	$ 1.50	$12.00
3-in.	12 to 14-in.	4 to 5	.....	2.00	15.00
4-in.	14 to 16-in.	4 to 5	.....	4.50	35.00
5-in.	20 to 24-in.	4 to 6	$0.75	9.00	.....
6-in.	24 to 30-in.	5 to 6	1.00	12.00	.....
6-in.	30 to 36-in.	5 to 6	1.50	.....	.....
7-in.	36 to 38-in.	5 to 6	2.50	.....	.....
7-in.	38 to 40-in.	5 to 6	3.50	.....	.....
8-in.	40 to 42-in.	5 to 6	4.50	.....	.....
9-in.	46 to 50-in.	6 to 7	7.00	.....	.....

Made-up Plants.

Pots.	Height.	Plants in pot.	Each.
7-in.	24 to 30-in.	3 to 4	$ 2.50
9-in.	50 to 54-in.	3 to 5	8.00
10-in.	58 to 60-in.	4 to 5	10.00
12-in.	62 to 70-in.	4 to 5	15.00



LATANIA BORBONICA.

2-in., 1 to 2 leaves.....100, $3.00; 1000, $25.00
4-in. .....doz., 3.00; 100, 20.00
5-in. .....doz., 5.00; 100, 40.00
6-in. .....doz., 6.00

PANDANUS UTILIS.

3-in. .....per doz., $1.50

PANDANUS VEITCHII.

4-in. .....each, $0.50; per doz., $ 5.50
5-in. .....each, .75; per doz., 9.00
6-in. .....each, 1.00; per doz., 12.00

PHOENIX CANARIENSIS.

7-in. 36 to 40-in. high.....each, $ 2.50
8-in. 46 to 50-in. high.....each, 4.00
10-in. 50 to 54-in. high.....each, 5.00
10-in. 60 to 64-in. high.....each, 10.00

PHOENIX RECLINATA.

4-in. .....each, $0.25; doz., $3.00; 100, $20.00
5-in. .....each, .50; doz., 5.00
6-in. .....each, .75; doz., 9.00

PHOENIX ROEBELENII.

Pots.	Each.	Doz.	100
2½in.	....	$ 2.00	$15.00
3-in.	....	3.00	22.50
5-in.	....	9.00	70.00
6-in.	....	12.00	.....
6-in., strong	$2.00	.....	.....
7-in.	2.50	.....	.....

BEDDING PLANTS

ACHYRANTHES, 2-IN. POTS.

Panache de Bailey.....$2.50 per 100
Metallica ..... 2.00 per 100
Lindenii ..... 2.00 per 100
Warscewiczii ..... 2.00 per 100

ACHYRANTHES, ROOTED CUTTINGS.

Metallica, Panache de Bailey, Lindenii, Warscewiczii .....$6.00 per 1000

AGERATUMS.

Stella Gurney, 2-in.....$2.00 per 100
Princess Pauline, 2-in..... 2.00 per 100

ALTERNANTHERAS, ROOTED CUTTINGS.

Red and yellow.....$6.00 per 1000

CHRYSANTHEMUM MAXIMUM PERFECTUM.

(Improved Shasta Daisy)

Strong seedlings.....$5.00 per 1000

COLEUS, 2-IN. POTS.

Pfister, red and yellow; Beckwith's Gem, Golden Bedder, Verschaffeltii....$2.00 per 100

DAISIES.

Marguerites, Yellow.

Rooted cuttings.....$6.00 per 1000
2-in. .....$2.00 per 100

Mrs. F. Sander (new double white).

Rooted cuttings .....$15.00 per 1000
2-in. .....$3.00 per 100
3-in. ..... 6.00 per 100

ENGLISH IVY.

3-in. .....doz., $0.75
4-in. .....doz., 1.50

GERMAN IVY.

2-in. .....$2.00 per 100

GNAPHALIUM LANATUM.

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Bonfire, Zurich.....$6.00 per 1000

2-In. Pots.

Bonfire, Zurich.....$2.00 per 100

TRADESCANTIA VARIEGATA.

(Wandering Jew.)

2-in. .....doz., 40c; per 100, $3.00

VINCAS.

2-in. .....per 100, $ 2.50
3-in. .....per 100, 5.00
4-in. .....per doz., $2.00; per 100, 15.00

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ARAUCARIAS.

We have a fine large stock of Araucaria Excelsa, the popular decorative plant, in the following sizes:

Pots.	Each.	Doz.
4-in., 2 to 3 tiers.....	$0.50	$ 6.00
6-in., 4 to 5 tiers.....	1.00	12.00
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Green .....per leaf $0.08
Variegated .....per leaf .15

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For filling window boxes and flower beds.

Boxwood bushes, 8 in. high, each.....$ 0.25
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Seedlings, best varieties.....$2.50 per 100
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4-in., strong.....each, 35c; doz., $4.00

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6-in. .....each, 50c; doz., $6.00

The Edgebrook Greenhouses and Nurseries of the Geo. Wittbold Co., Edgebrook, Chicago, Ill.

GLEN COVE, N. Y.

The monthly meeting of the Nassau County Horticultural Society was held at Pembroke hall February 14, with President J. F. Johnson in the chair.

A circular was read from the New York Florists' Club, containing a call for delegates to attend a conference to be held at Ithaca, N. Y., in reference to forming a state organization. After some discussion, J. F. Johnson and Jas. Duthie were appointed to attend the meeting.

Walter McKinley was elected to active membership and there was one application.

The judges of the exhibits were J. Ingram, J. McQueen and A. McKendrie. J. Everett was awarded a cultural certificate for a fine specimen gardenia plant and honorable mention for a vase of gardenia blooms. Frank Patroccia received honorable mention for two plants of Primula malacoides. The society's prizes were awarded as follows: Six gardenias, first, G. Augey; twelve mushrooms, first, J. Everett; twenty-five sprays of freesia, first, J. MacDonald.

It was decided to hold the fall show October 29 and 30, and that the profits be given to the Nassau hospital, at Mineola, L. I.

Mrs. E. M. Townsend, of Oyster Bay, offered a silver cup for the best collection of outdoor roses, to be won three times and to be competed for at the fall show.

S. Trepess and E. Brown were appointed to represent the society at the annual dinner of the Yonkers Horticultural Society.

The exhibits for next meeting will be three cauliflowers, twelve mixed roses and one cineraria.

The society held an enjoyable euchre and dance February 15, with about 200 present. It was a great success financially and otherwise and seems likely to become an annual affair. J. M.

Rome, N. Y.—The Humphrey Floral Co. is buying some new pink carnations, being of the opinion that Enchantress can not continue to give such satisfactory results as formerly. The business is conducted by the two Misses Humphrey, who are thorough artists and clever growers.

Miller's Giant Obconicas

Will come in for Easter flowers, average larger than silver dollars, on long stems, fine for cutting also. Extra strong, 3-in., $5.00 100; 4-in., $7.00 100.

Cinerarias, the largest flowering grown, fine shades; large 3-in., $3.50 per 100.

Asparagus Plumosus, strong, 3-in., $3.00 per 100; 2-in., $2.00 per 100. Special price by the 1000.

Asparagus Sprengeri, 2-in., $1.50 per 100.

Chinese Primrose, coming in bloom, 3-in., $4.00 per 100.

Kewensis Primrose, for cut and pot plants, sweet scented, 3-in., $4.00 per 100.

Pelargoniums, fine 3-in., $5.00 per 100.

Irish Shamrock, 2-in., $3.00 per 100.

These are well grown plants and will please you.

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Geraniums, variegated foliage. Mountain of Snow, Silver Leaf S. A. Nutt, Mrs. Pollock	$3.00	$4.00
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Geraniums, scented. Nutmeg, Lemon, Oak-leaved, Balm, Rose, Apple, etc.	2.00	3.00
Geraniums, standard varieties. We will send 1000, 50 each of 20 distinct named varieties, will include some Ivy if requested, 2-in. for $18 50; 3-in. for $25.00.		
Abutilon Savitzii	3.00	4.00
Achyranthes Emersoni, Besteri Mosaica	2.00	3.00
Begonia, Vernon, white and pink	2.00	3.00
Coleus, Golden Bedder, Verschaffeltii, Queen, Victoria, etc.	2.00	3.00
Coleus, Brilliancy	3.00	4.00
Hardy Chrysanthemums, splendid assortment	2.00	
Hardy English Ivy	2.00	3.00
Heliotrope, Albert DeLeaux, Chieftain, Mme. Bruant	2.00	3.00
Lemon Verbena, strong, summer propagation, semi-dormant	2.00	3.00
Lantanas, Iolanda, Delicatissima, Javoi and other kinds.	2.00	3.00
Petunias, double mixed and white	2.00	3.00
Salvias, Bonfire, Zurich, propagated from cuttings	2.00	3.00
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	Plants	Height	Each
9-in. cedar tub	Several in tub	5 ft.	$7.50

Kentia Belmoreana

	Leaves	Height	Each	Doz.
2½-in. pot	4	8 to 10 in.		$ 1.50
3-in. pot	5	12 in.		2.00
5-in. pot	6 to 7	18 in.	$0.50	6.00
6-in. pot	6 to 7	24 in.	1.00	12.00
7-in. cedar tub	6 to 7	34 to 36 in.	2.50	30.00
7-in. cedar tub	6 to 7	36 to 38 in.	3.00	36.00
9-in. cedar tub	6 to 7	40 to 45 in.	4.00	48.00
9-in. cedar tub	6 to 7	42 to 48 in.	5.00	
9-in. cedar tub	6 to 7	48 to 54 in.	6.00	

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		Per 100
2½-in. pot	8 to 10 in. high	$10.00

Made-up Kentia Forsteriana

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7-in. cedar tub, 4 plants	36 in.	$2.50	$30.00
7-in. cedar tub, 4 plants	36 to 40 in.	3.00	36.00
9-in. cedar tub, 4 plants	40 to 42 in.	4.00	48.00
9-in. cedar tub, 4 plants	42 to 48 in.	5.00	60.00

Phoenix Roebelenii

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5-in. pot, nicely characterized	$1.00
6-in. pot, 18 to 20-in. spread	1.50
7-in. cedar tub, 18 in. high, 24-in. spread	2.00

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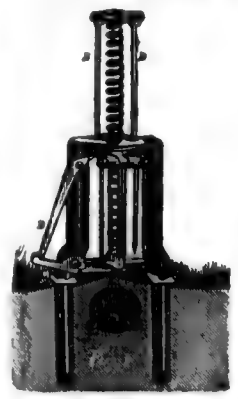
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Ampelopsis Veitchii, transplanted and extra fine, 2½ to 4 ft. tops, $1.50 per doz.; $9.00 per 100. Southside Nurseries, Chester, Va.

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Anthericum variegatum, 4-in., strong, $8.00 per 100. Storrs & Harrison Co., Painesville, O.

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See under seeds. B. J. Passmore, Malvern, Pa.

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AZALEAS FOR EASTER. We have them in fine shape for Easter blooming, all colors and full of buds, 50c, 75c and $1.00 each.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Azalea mollis, easily forced, 12 to 15 in. high, full buds, 35c each; 15 to 18 in. high, full of buds, 35c each.
Storrs & Harrison Co., Painesville, O.

BAY TREES.

Bay trees and box trees, all sizes.
Write for special list.
Julius Roehrs Co., Rutherford, N. J.

Bay trees. Fine selection. Write for prices.
Holton & Hunkel Co., Milwaukee, Wis.

BEGONIAS.

BEGONIAS, READY MARCH 1.
Fine transplanted stock of
VERNON, SCARLET,
LUMINOSA, CRIMSON,
GRACILIS ROSEA, LIGHT PINK,
$1.25 per 100 by mail;
$8.00 per 1000 by express.
Cash with order.
PETER BROWN, LANCASTER, PA.

Blooming begonias, mixed varieties, $2.50 per 100. Otto Hacker, rubra, Thurstoni and Erfordii, R. C., $2.00 per 100; 2-in., $3.00; 2½-in., $3.50 per 100. Rex begonias, mixed, $4.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonia luminosa and rosea, extra strong 2-in. plants, will make fine plants for spring sales, $2.00 per 100. R. B. Kilbury, R. R. 1, Dayton, O.

Begonias, luminosa, Erfordii, Vernon, transplanted seedlings, $1.50 100. Erfordii, 2½-in., $3.00 100. Cash, please.
Rober & Radke, Maywood, Ill.

Begonia Lorraine, exceptionally well developed plants, ready for immediate retail sales, 6-in., 60c each; 7-in., 75c each.
Baur Floral Co., Erie, Pa.

Rex begonias, in variety, 2¼-in., 75c per doz., $5.00 per 100; strong rooted cuttings, $1.50 per 100. G. E. Fink, Kenilworth, N. J.

Begonias, assorted 3-in., $4.00 100. Fern leaf or Washingtoniensis, R. C., $1.00 100; $8.00 1000. J. W. Ross Co., Centralia, Ill.

Rex begonias, strong 2-in., fine varieties, 4c; $35.00 per 1000.
Williams & Clark Floral Co., Muncie, Ind.

REX BEGONIAS my specialty. Largest collection, $5.00 per 100.
B. C. BLAKE, Springfield, O.

Begonia Feastii Bunchii, 3-in., $5.00 per 100.
Loyd C. Bunch, Fredonia, Kan.

BERBERIS.

Barberry Thunbergii, fine, extra heavy, 3-yr., transplanted, 18 to 30 in., excellent roots, dug as ordered, $4.00 per 100; $30.00 per 1000.
Jesse T. Ellis, Griffin, Ga.

BERRIED PLANTS.

Christmas peppers, 4-in., $1.00 per 100. Cash.
Marion Floral Co., Marion, Ind.

BOUVARDIAS.

Fine bouvardia stock plants from bench for immediate shipment; colors, pink, white and red, $7.00 per 100; $60.00 per 1000. Cash with order or satisfactory reference.
Chas. Knopf Floral Co., Richmond, Ind.

BULBS.

Bulbs of all descriptions. Write for catalogue and prices.
C. Keur & Sons, Hillegom, Holland,
New York Branch, 25 W. Broadway.

CALLAS.

Godfrey callas, 2-in., $2.50 per 100.
H. Hills, Elkhart, Ind.

CANNAS.

Cannas. Souv. d'A. Crozy, Florence Vaughan, Mrs. Kate Gray, Gladiator, $2.50 per 100; $20.00 per 1000. Black Beauty, $4.00 per 100; $30.00 per 1000. Venus (grand pink), $5.00 per 100. Indiana, orange colored, giant orchid flowered, $7.00 per 100. Strong 2 and 3 eye fresh divisions. See catalogue No. 5 for complete list.
Storrs & Harrison Co., Painesville, O.

Cannas. Richard Wallace, $2.50 per 100; $20.00 per 1000. King Humbert, $3.00 per 100. Pres. Meyer, $2.50 per 100. Florence Vaughan, Pennsylvania, Louisiana and J. D. Eisele, $1.50 per 100; $12.50 per 1000. One lot of 10,000 mixed, red flowered, green leaved, dwarf varieties, $10.00 per 1000.
Kenbrook Farm, Milford, Va.

CANNA ROOTS, strong divisions, two or more eyes. Allemania, America, Austria, Coronet, Chas. Henderson, Indiana, Parthenope, Wyoming, King of Bronzes, Musaefolia and Black Beauty. Write for special prices. We are now contracting for the growing of cannas for 1913 delivery. Alpha Orchards & Nursery Co., Box 5, Fruitdale, Ala.

1,000,000—CANNAS—1,000,000
True to name, quality unsurpassed, our own grown stock, not to be compared with common southern grown stock, the so-called contract-grown roots. See our full page advertisement in January 25th issue, page 3. Catalogue free.
Shellroad Greenhouses, Grange, Balto., Md.

Cannas, select 2 to 4 eye tubers. Beaute Poitevine, David Harum, Pres. Cleveland, Fleming, $2.00 per 100. Paul Marquant, Cinnabar, Mrs. G. A. Strohlein, $1.50 per 100. Robusta, Sec. Chabanne, $1.00 per 100. Mixed, fine assortment, 75c per 100.
Wagner Park Conservatories, Sidney, O.

Cannas. Duke of Marlborough, Egandale, Cornet, Florence Vaughan, Kate Gray, Burbank, Austria, $2.25 per 100. M. Washington, King Humbert, Louisiana, $4.00 per 100. Mount Blanc, $10.00 per 100. Cash, please.
A. S. Watkins, West Grove, Pa.

THE IMPROVED CANNA.
64 varieties, including Mrs. A. F. Conard and the finest new ones. Send for price list.
Conard & Jones Co., West Grove, Pa.

Cannas. Henderson, F. Vaughan, J. C. Vaughan, Burbank, S. d'A. Crozy, Black Beauty, Kate Gray, 2c. Egandale, 2½c. King Humbert, 3c. All true stock. A. J. Baldwin, Newark, O.

Cannas. Austria, $1.50. King Humbert, $4.00. West Virginia, $2.50. Berat, $2.00 per 100. Will exchange for geraniums, R. C. or 2-in. pots.
Gustav Obermeyer, Parkersburg, W. Va.

Canna bulbs. King Humbert, Louisiana and Express, $4.00 per 100.
Jacob Russler, Morgan Park, Ill.

Cannas, gigantea discolor, $1.00 per 100; $8.00 per 1000. Cash, please.
H. G. Norton, Perry, O.

Canna C. Henderson. Dry bulbs, 1 to 3 eyes, $2.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Cannas, 25 of the leading varieties. Send for price list. Louis B Eastburn, Kennett Square, Pa.

CARNATIONS.

ROOTED CARNATION CUTTINGS.
All cuttings have our guarantee back of them.

	Per 100	Per 1000
Wodenethe	$12.00	$100.00
Afterglow	3.00	25.00
Beacon	3.00	25.00
Bonfire	6.00	50.00
Enchantress	3.00	25.00
Gloriosa	6.00	50.00
Princess Charming	6.00	50.00
Rosette	12.00	100.00
Rose-pink Enchantress	3.00	25.00
Mrs. Ward	4.00	30.00
Washington	6.00	50.00
White Enchantress	4.00	30.00
White Perfection	3.00	25.00
White Wonder	6.00	50.00
Winsor	3.00	25.00
St. Nicholas	12.00	100.00
Comfort	6.00	50.00
Brooklyn	12.00	100.00
Dorothy Gordon	4.00	35.00
Pennsylvania	3.50	30.00
Pink Delight	6.00	50.00
Alma Ward	4.00	35.00

S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

ROOTED CARNATION CUTTINGS.
Strong and healthy stock.

	100	1000
Delhi	$10.00	$ 75.00
Benora	12.00	100.00
Rosette	12.00	100.00
Rainbow	12.00	100.00
White Wonder	6.00	50.00
Gloriosa	6.00	50.00
Pink Delight	4.00	35.00
Scarlet Glow	3.00	25.00
Mrs. C. W. Ward	3.50	30.00
White Perfection	3.00	25.00
Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Winona	3.00	25.00
May Day	3.00	25.00
Victory	3.00	25.00
Winsor	3.00	25.00
Beacon	3.00	25.00

Write for our 1912 catalogue.
S. S. SKIDELSKY & CO.,
1215 Betz Bldg., Philadelphia, Pa.

STRONG, WELL ROOTED CARNATION CUTTINGS.
NONE BETTER.

	100	1000
Enchantress	$2.50	$20.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Mrs. C. W. Ward	3.00	25.00
Alma Ward	3.00	25.00
Beacon	3.00	25.00
Victory	2.50	20.00
O. P. Bassett	3.00	25.00
Harlowarden	2.50	25.00
Conquest	2.50	20.00
Dorothy Gordon	3.00	25.00
Shasta	2.50	20.00
Mary Tolman	2.50	20.00
Sangamo	2.00	15.00
Washington	6.00	50.00

Cash or C. O. D.
SOL. GARLAND, DES PLAINES, ILL.

CARNATION ROOTED CUTTINGS.

Wodenethe	$12.00	100;	$100.00	1000
White Wonder	6.00	100;	50.00	1000
White House	6.00	100;	50.00	1000
Princess Charming	6.00	100;	50.00	1000
Gloriosa	6.00	100;	50.00	1000
Mrs. C. W. Ward	3.50	100;	30.00	1000
Ruby	3.00	100;	25.00	1000
Pink Delight	3.50	100;	30.00	1000
Enchantress	3.00	100;	25.00	1000
W. Enchantress	3.00	100;	25.00	1000
White Perfection	3.00	100;	25.00	1000
Sangamo	3.00	100;	25.00	1000
Dorothy Gordon	3.00	100;	25.00	1000
May Day	3.00	100;	25.00	1000
Scarlet Glow	3.00	100;	25.00	1000
Mary Tolman	3.00	100;	25.00	1000
Lawson	2.00	100;	15.00	1000

BERGENFIELD NURSERIES,
Thomas W. Head, Prop., Bergenfield, N. J.

ROOTED CARNATION CUTTINGS.

	100	1000
Winona	$3.00	$25.00
Alma Ward	3.50	30.00
White Wonder	6.00	50.00
White Perfection	3.00	25.00
White Enchantress	3.00	25.00
Mrs. C. W. Ward	3.50	30.00
Dorothy Gordon	3.00	25.00
Gloriosa	6.00	50.00
R. P. Enchantress	3.00	25.00
Enchantress	3.00	25.00
May Day	3.00	25.00
Beacon	3.00	25.00
Bassett	3.00	25.00
Victory	3.00	25.00

Satisfaction guaranteed.
THE LEO NIESSEN CO.,
12th & Race Sts., Philadelphia, Pa.

WELL ROOTED CARNATION CUTTINGS.

	100	1000
Beacon	$3.00	$25.00
Winsor	2.50	20.00
May Day	3.00	25.00
Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00

Strong, cool grown, well rooted cuttings.
WARRICK BROS.,
2498 Locust Ave., Washington, Pa.

CARNATION ROOTED CUTTINGS.

From as good a grower as there is at Chicago.

ENCHANTRESS, WHITE PERFECTION,

$20.00 per 1000.

This stock is absolutely healthy, clean, well rooted and guaranteed to give satisfaction. It is a bargain at the price. Immediate delivery.

A. L. RANDALL CO.,
66 East Randolph St., Chicago.

CARNATION ROOTED CUTTINGS.
We are rooting over 200,000 this season of the leading commercial varieties. Our stock of Enchantress and Pure White Enchantress is hard to beat and you can depend upon the stock being right when you house your plants in the fall. Be sure you get reliable stock. If our cuttings are not satisfactory they may be returned immediately and money will be refunded.

	100	1000
Enchantress	$3.00	$25.00
Pure White Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Mrs. C. W. Ward	3.50	30.00
Dorothy Gordon	3.50	30.00
White Wonder	6.00	50.00

250 at 1000 rate. Cash or reference.
Smith & Gannett, Geneva, N. Y.

CARNATION CUTTINGS FROM SAND.
Carefully selected, healthy stock.

	100	1000
Washington	$6.00	$50.00
Bright Spot	6.00	50.00
Mrs. C. W. Ward	4.00	35.00
Sangamo	3.00	25.00
Dorothy Gordon	3.00	25.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
White Perfection	3.00	25.00
May Day	3.00	25.00
Beacon	3.00	25.00
Scarlet Glow	3.00	25.00

A. C. BROWN,
SPRINGFIELD, ILLINOIS.

CARNATION ROOTED CUTTINGS.
Strong, clean, healthy stock.

Enchantress	$3.00	100;	$25.00	1000
Rose-pink Enchantress	3.00	100;	25.00	1000
White Enchantress	3.00	100;	25.00	1000
Dorothy Gordon	3.00	100;	25.00	1000
Scarlet Glow	3.00	100;	25.00	1000
O. P. Bassett	3.00	100;	25.00	1000
Beacon	3.00	100;	25.00	1000
White Wonder	6.00	100;	50.00	1000
Washington	6.00	100;	50.00	1000
Bright Spot	6.00	100;	50.00	1000

A. JABLONSKY,
Olivette, St. Louis County, Mo.

CARNATION ROOTED CUTTINGS.
Immediate Delivery.

	100	1000
Gloriosa	$6.00	$50.00
Norwood	6.00	50.00
Dorothy Gordon	4.00	35.00
White Perfection	3.50	30.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
Beacon	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Winsor	2.50	20.00

Thompson Carnation Co., Joliet, Ill.

CARNATION ROOTED CUTTINGS.
Best cuttings obtainable from strong vigorous plants.

	100	1000
Rose-pink Enchantress	$3.00	$25.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
White Perfection	3.00	25.00
Victory	3.00	25.00
Sangamo	3.00	22.00
Lawson-Enchantress	2.50	18.00

2 and 2¼-in. pot plants on application.
ROLF ZETLITZ, LIMA, OHIO.

CARNATION ROOTED CUTTINGS.
Strong, clean stock, ready now.

	100	1000
O. P. Bassett (largest red)	$3.00	$25.00
Victory (reliable red)	3.00	25.00
Sangamo	2.50	20.00
Winsor	2.50	20.00
Mrs. Patten (best variegated, R. & W.)	2.50	20.00
Pink Lawson	2.00	18.00
Enchantress	3.00	25.00

Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Carnation cuttings from most reliable growers. Satisfaction assured.

	100	1000
White Wonder and Gloriosa	$6.00	$50.00
White Enchantress, White Perfection	3.00	25.00
Enchantress, R. P. Enchantress	3.00	25.00
Mrs. C. W. Ward (pink)	3.50	30.00
Beacon (selected stock)	3.50	30.00
White Winsor	4.00	35.00
May Day and Winsor	3.00	25.00

R. J. Irwin, 3097 Broadway, New York, N. Y.

The FLORISTS' MANUAL, by Wm. Scott. It tells you just what you want to know in just the way you want to be told. Price, $5.00. Prepaid.
Florists' Pub. Co., Caxton Bldg., Chicago.

CARNATIONS—Continued.

ROOTED CARNATION CUTTINGS.
CARNATION ROOTED CUTTINGS.

	100	1000
O. P. Bassett (red)	$3.00	$25.00
May Day (Daybreak)	3.00	25.00
Sangamo (pink)	3.00	25.00
Enchantress (light pink)	3.00	25.00
Winsor (pink)	2.50	20.00
Boston Market (white)	2.00	18.00
Moonlight (white)	2.00	18.00
Yellow Canary	5.00	40.00

Cash with order.
John Bauscher, Jr., Freeport, Ill.

ROOTED CARNATION CUTTINGS.

	100	1000
White Enchantress	$3.50	$30.00
Mrs. Ward	3.50	30.00
Alma Ward	3.50	30.00
Beacon	3.50	30.00
Enchantress	3.00	25.00
White Perfection	3.00	25.00
Winona	3.00	25.00

Absolutely no disease, rooted cool.
Sarah I. Smith, Secane, Del. Co., Pa., or
Edw. Reid, 1619-21 Ranstead St., Philadelphia.

ROOTED CARNATION CUTTINGS.

Enchantress	$2.00 100;	$18.00 1000
Pure White Enchantress	2.00 100;	18.00 1000
Rose-pink Enchantress	2.00 100;	18.00 1000
Sangamo	1.75 100;	15.00 1000
May Day	1.75 100;	15.00 1000
Winsor	1.50 100;	12.50 1000
M. A. Patten	1.50 100;	12.50 1000

Cash or C. O. D.
MILLER BROTHERS,
(Formerly John H. Miller)
5558 N. Lincoln St., Chicago.

	100	1000
Enchantress	$3.00	$25.00
White Enchantress	3.00	25.00
Mrs. C. W. Ward	3.00	25.00
White Perfection	3.00	25.00
Winona	3.00	25.00
Sangamo	3.00	25.00
Winsor	2.50	20.00

SATISFACTION GUARANTEED.
Arthur Cockcroft, Northport, L. I., N. Y.

FINE CARNATION ROOTED CUTTINGS.

	100	1000
White Perfection	$3.00	$25.00
Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Beacon	3.00	25.00
Winsor	2.00	18.00
Pink Lawson	2.00	18.00
C. W. Ward	3.50	30.00

UNITED STATES CUT FLOWER CO.,
ELMIRA, NEW YORK.

CARNATIONS.
ROOTED CUTTINGS.
IMMEDIATE DELIVERIES.

Wodenethe, the greatest white, and Brooklyn, an absolutely reliable cerise pink, $12.00 per 100; $100.00 per 1000.

Princess Charming and White House, $6.00 per 100; $50.00 per 1000.

Winsor, Harlowarden, Sangamo, Mrs. Patten and White Perfection, $3.00 per 100; $25.00 per 1000. Chas. H. Totty, Madison, N. J.

FINE CARNATION CUTTINGS
WELL ROOTED

	100	1,000
Victory	$2.00	$15.00
Winsor	2.00	15.00
White Lawson	2.00	15.00
Pink Lawson	2.00	15.00
Washington	6.00	50.00
Enchantress	3.00	25.00

WIETOR BROS.,
162 North Wabash Ave. Chicago

Rooted cuttings or carnations for immediate and future delivery, guaranteed to give satisfaction.

White Enchantress	$3.00 100;	$25.00 1000
Enchantress	3.00 100;	25.00 1000
Beacon	3.00 100;	25.00 1000
Victory	3.00 100;	25.00 1000
Mrs. C. W. Ward	3.00 100;	25.00 1000
Dorothy Gordon	3.00 100;	25.00 1000
Rose-pink Enchantress	3.00 100;	25.00 1000

Chas. Knopf Floral Co., Richmond, Ind.

Fine, strong cuttings from vigorous stock plants. My stock always pleases. Try it.

	100	1000		100	1000
Enchantress	$3	$25	Beacon	$3.50	$30
W. Enchantress	3	25	Gordon	3.50	30
R. P. Ench'ess	3	25	C. W. Ward	3.50	30
W. Perfection	3	25	W. Wonder	6.00	50

Gloriosa, $6.00 100; $50.00 1000.
250 at 1000 rate. Cash or reference.
A. A. GANNETT, Geneva, N. Y.

Carnations, strong rooted stem cuttings. Washington, $5.00 per 100. Winsor, $15.00 per 1000.

Having no room we are offering about 40,000 Victory and White Perfection, first-class cuttings, at the price of $13.00 per 1000. 100 at 1000 rate. Cash or reference.
Northwestern Floral Co., Gross Point, Ill.

CARNATION ROOTED CUTTINGS.

Enchantress	$3.00 100;	$25.00 1000
Victory	3.00 100;	25.00 1000
Winsor	3.00 100;	20.00 1000
May Day	3.00 100;	25.00 1000
White Enchantress	3.00 100;	25.00 1000

MICHIGAN CUT FLOWER EXCHANGE,
38-40 Broadway, Detroit, Mich.

Carnation rooted cuttings. Enchantress, White Enchantress, Winsor, Beacon, $3.00 per 100.
Marine City Floral House, Marine City, Mich.

CARNATION PLANTS, surplus stock, healthy and in fine condition. From flats and 2½-in. pots, Winona, Winsor, May Day, $2.50 per 100; $20.00 per 1000.

ROOTED CUTTINGS. Mrs. C. W. Ward, $2.50 per 100; $20.00 per 1000. Winsor and Winona, $2.00 per 100; $15.00 per 1000.
F. P. Putnam, P. O. Box 12, Lowell, Mass.

Rose-pink Enchantress	$25.00 per 1000
Winsor	20.00 per 1000
Melody	20.00 per 1000
White Lawson	20.00 per 1000
Harlowarden	20.00 per 1000
Carnegie	18.00 per 1000

Cash please. Satisfaction guaranteed.
EHMANN'S. CORFU, N. Y.

	100	1000
White Wonder	$6.00	$50.00
Mrs. C. W. Ward	3.00	27.50
Enchantress, May Day	3.00	25.00
W. Perfection, W. Enchantress	3.00	25.00

10% discount for cash.
W. Frank & Sons, Portland, Ind.

Carnations, strong, well rooted. Enchantress, Rose-pink Enchantress, L. Bountiful, O. P. Bassett, $3.00 100; $25.00 1000. White Enchantress, C. W. Ward, Alma Ward, $3.50 100; $25.00 1000. Washington, $6.00 100; $50.00 1000. 250 at 1000 rate. Krueger Bros., Toledo, O.

Carnation rooted cuttings, now ready. Winsor, $15.00 per 1000. Victory, $15.00 per 1000. Enchantress, $20.00 per 1000. R. P. Enchantress, $20.00 per 1000. White Enchantress, $25.00 per 1000. Cash, please.
Geo. A. Relyea, Orchard Pl., Poughkeepsie, N. Y.

Carnation rooted cuttings. Christmas Cheer, the great scarlet pot carnation, sells quickly at Christmas at $1.00 to $1.50 per pot. Try a few at $5.00 per 100, also Beacon and Victory at $3.00 per 100.
S. N. Peck, 424 Superior St., Toledo, O.

Carnations, strong rooted cuttings, ready:

Enchantress	$25.00 per 1000
White Enchantress	25.00 per 1000

CHICAGO FLOWER GROWER'S ASSOCIATION,
176 N. Michigan Ave., Chicago.

Carnations. Enchantress, May Day, Winsor, $2.00 per 100; $18.00 per 1000. White Enchantress, White Perfection, $2.50 per 100; $20.00 per 1000. Princess Charming, $5.00 per 100.
Jas. Wheeler, Natick, Mass.

Carnation rooted cuttings, strong, healthy stock, immediate delivery. Enchantress, R. P. Enchantress, Pure White Enchantress, $3.00 per 100; $25.00 per 1000.
Smith & Van Aart, Newtown, Pa.

Strong, healthy, well rooted carnation cuttings. Enchantress, $2.00 per 100; $18.00 per 1000. White Enchantress, $2.00 per 100; $20.00 per 1000. Cash with order.
C. C. Walker, 1227 Logan Ave., Danville, Ill.

Carnations, 2-in., from healthy stock, grown cool: Enchantress, Pure White Enchantress, Rose-pink Enchantress, Beacon, $3.00 per 100. Cash with order.
R. S. McMurray, Bellefontaine, O.

Carnations, pot plants. Alma Ward, White Perfection, Beacon, Victory and Winona, $2.50 per 100. Mrs. C. W. Ward, $3.50 per 100. White Wonder and Washington, $5.00 per 100.
Albert M. Herr, Lancaster, Pa.

CARNATION CRIMSONIA.
The new hardy, everblooming carnation.
2½-in. pots, $5.00 per 100.
Fort Mitchell Floral Co.,
Lexington Pike, Covington, Ky.

Carnation White Wonder, fine, strong rooted cuttings, $6.00 per 100; $50.00 per 1000. Enchantress, $2.50 per 100; $20.00 per 1000. Victory, $3.00 per 100; $25.00 per 1000. Cash with order.
Hillsborough Nurseries, Burlingame, Calif.

Enchantress, Rose-pink Enchantress, and Pure White Enchantress, well rooted, $2.50 per 100, $20.00 per 1,000; unrooted, $10.00 per 1,000; from 2-in. pots, $30.00 per 1,000. Ready now. Cash. Daut Bros., Decatur, Ill.

Carnation rooted cuttings. Beacon, $3.00 per 100, $25.00 per 1000; Enchantress, Rose-pink, White Enchantress and White Perfection, $2.50 per 100; $20.00 per 1000.
Scharff Bros., Van Wert, O.

May Day cuttings	$1.75 100;	$12.50 1000
Sangamo cuttings	2.00 100;	15.00 1000
Alma Ward cuttings	2.50 100;	20.00 1000
Mrs. C. W. Ward cuttings	2.50 100;	20.00 1000

Quidnick Greenhouses, Anthony, R. I.

Fine lot of strong, well rooted Enchantress cuttings, $2.50 per 100; $20.00 per 1000. Special price on large lots.
Paul E. Weiss, Maywood, Ill.

Carnation rooted cuttings, Winsor, Enchantress, Rose-pink, Perfection, $2.50 per 100, or will exchange for anything we can use.
Wm. Eschrich Co., North Milwaukee, Wis.

50,000 well rooted Enchantress cuttings for immediate and future use, $2.00 per 100; $18.00 per 1000. W. H. Amling, Maywood, Ill.

Carnation rooted cuttings. White Perfection and Light Pink Enchantress, $2.00 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

Carnation rooted cuttings, Princess Charming, $5.00 per 100.
J. R. Falkenstein, Naperville, Ill.

1000 Lawson-Enchantress, 2000 Enchantress R. C., $20.00 1000; 500 Beacon, R. C., $3.00 100.
Jas. C. Murray, Peoria, Ill.

Carnation rooted cuttings, May Day, $20.00 per 1000. Cash with order.
Joseph E. Johnston, Stamford, Conn.

Lawson $1.50 100; $12.50 1000
Wm. Murphy, 309 Main St., Cincinnati, O.

BUSINESS BRINGERS—
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Enchantress carnations, 2¼-in., $3.00 per 100.
Wm. Krieger, Lansing, Mich.

Carnation Dorothy Gordon, strong 2¼-in., $4.00 per 100. Honaker Bros., Lexington, Ky.

CHRYSANTHEMUMS.

CHRYSANTHEMUM CUTTINGS.
CLEAN, THRIFTY, STOCK.
SATISFACTION GUARANTEED.

Smith's Advance and Unaka, $6.00 per 100; $50.00 per 1000. Chrysolora, $15.00 per 100. W. R. Brock, incurved pink, $4.00 per 100; $30.00 per 1000. Roman Gold, $7.00 per 100; $60.00 per 1000. December Gem, late white, $8.00 per 100.

THE FOLLOWING, $3.00 100; $20.00 1000:

WHITE VARIETIES.

Lynnwood Hall, Early Snow, V. Poehlmann, Elise Papworth, Alice Byron, White Eaton, White Chadwick, White Bonnaffon, Chadwick Improved, Jeanne Nonin,.

YELLOW VARIETIES.

Golden Chadwick, Golden King, W. E. Kelley, Golden Eagle, Yellow Ivory, Mary Jane, Yellow Eaton, Nagoya, Dolly Dimple, Donatello, Comoleta.

PINK VARIETIES.

Patty, Helen Frick, Winter Cheer, Jeanne Rosette.

RED VARIETIES.

Cullingfordii, Intensity, Mersthanis Red.

THE FOLLOWING, $2.00 100; $17.50 1000:

WHITE VARIETIES.

Polly Rose, Geo. S. Kalb, C. Touset, Mrs. H. Robinson, White Frick, White Cloud, M. Wanamaker, Moneymaker, Jones, White Ivory.

PINK VARIETIES.

Pacific Supreme, Glory Pacific, Gloria, Pink Ivory, W. H. Duckham, Major Weaver, Dr. Enguehard, Maud Dean.

YELLOW VARIETIES.

Golden Glow, Monrovia, Robt. Halliday, Grace Pitcher, Col. Appleton, Major Bonnaffon, Golden Wedding, Yellow Jones.

POMPON CHRYSANTHEMUMS.

2-in., $3.00 per 100; $25.00 per 1000.

All the best commercial varieties. Write for list.

250 of a variety at 1000 rate on all above.
Cash or satisfactory reference.
R. J. IRWIN,
3097 Broadway, New York, N. Y.

Rooted chrysanthemum cuttings in exchange for anything that we can use and for cash from $15.00 to $25.00 per 1000.

Silver Wedding	Golden Chadwick
Adelia	Glitter
White Bonnaffon	Col. Appleton
Mrs. Weeks	Madagascar
Mlle. M. Desjouis	Com. Matthieu
Jerome Jones	Yellow Miller
White Chadwick	Polypheme
C. Touset	Buff Globe
J. Nonin	A. J. Balfour
Lynnwood Hall	Pres. Loubet
Diana	Duckham
Beatrice May	Enguehard
Leon Truelle	Perrin
Merza	Jeanne Rosette
Virginia Poehlmann	M. Loiseau Rousseau
Pres. Taft	Lady Hopetown
Major Bonnaffon	Hamilton
Golden Wedding	Helen Frick
Modesto	Black Hawk
Nesota	Shrimpton

Unaka, 2-in., $7.00 per 100. Smith's Advance, $4.00 per 100.
Orders taken subject to being sold out.
Wolfe, The Florist, Waco, Texas.

CHRYSANTHEMUMS. If you want good, healthy, strong plants from 2¼-in. pots, or rooted cuttings, send us your order for immediate or later delivery of the following: Golden Glow, Bonnaffon, Col. Appleton, Jones, Dr. Enguehard, Jeanne Nonin, plants, $3.00 per 100, $25.00 per 1000; rooted cuttings, $1.00 per 100, $8.00 per 1000. Donatello, W. E. Kelley, Wm. Duckham, Elise Papworth, Virginia Poehlmann, Edmond Albe, Gloria, plants, $4.00 per 100; rooted cuttings, $2.00 per 100.

POMPON AND DAISY CHRYSANTHEMUMS. Diana, Zenobia, Mary Richardson, Baby, Nellie Blythe, Kitty Bourne, Minnesota, $3.00 per 100, $25.00 per 1000; rooted cuttings, $1.00 per 100, $8.00 per 1000. Minta, the new Enchantress pompon, $4.00 per 100; $35.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

CHRYSANTHEMUM ROOTED CUTTINGS.
Ready for delivery March 1.

	100	1000
CRIMSON—		
Pockett's Crimson	$2.50	$20.00
Intensity	2.00	15.00
WHITE—		
Alice Byron	2.00	15.00
Touset	2.00	15.00
October Frost	2.00	15.00
YELLOW—		
Crocus	4.00	35.00
Golden Glow	2.00	15.00
Halliday	2.00	15.00
Major Bonnaffon	2.00	15.00
PINK—		
Pacific Supreme	2.00	15.00

J. D. Thompson Carnation Co., Joliet, Ill.

CHRYSANTHEMUM ROOTED CUTTINGS.
Ready at once.

Alice Byron, October Frost, Beatrice May, Ivory, Merza, T. Eaton, Pacific Supreme, Enguehard, Winter Cheer, Well's Late Pink, Maud Dean, Miriam Hankey, Pockett's Crimson, John Shrimpton, Intensity, Glenview, Mrs. O. H. Kahn, Monrovia, Golden Glow, Robt. Halliday, Col. Appleton, Major Bonnaffon, Rosiere, Lynwood Hall, Early Snow, Gloria, Golden Eagle, Patty. Rooted cuttings, from fine, healthy stock, bench grown and true to name, $2.00 per 100; 2½-in. pot plants, well rooted, $3.00 per 100. All the leading exhibition varieties quoted on application.

BERGENFIELD NURSERIES,
Thomas W. Head, Prop., Bergenfield, N. J.

ROOTED CHRYSANTHEMUM CUTTINGS.

	100	1000
Mary Liger (pink)	$3.00	$20.00
Yellow Ivory	3.00	20.00
Col. Appleton (yellow)	3.00	20.00
Timothy Eaton (yellow)	3.00	20.00
Pres. Taft (white)	3.00	20.00
C. Touset (white)	3.00	20.00
Dr. Enguehard (pink)	3.00	20.00
Monogram (pink)	3.00	20.00
EXTRA STRONG PLANTS.		
Golden Glow, earliest of all, 2½-in.	4.00	30.00

Cash with order.
John Bauscher, Jr., Freeport, Ill.

CHRYSANTHEMUMS.

Earliest and best white chrysanthemum, SMITH'S ADVANCE. Extra choice 2¼-in. plants, $8.00 100; rooted cuttings, $5.00 100.

HELEN NEWBERRY, best late white pompon on the market, $15.00 100, 50, $7.50; 25, $5.00; 12, $3.00.

Orders respectfully solicited and stock guaranteed.

MICHIGAN CUT FLOWER EXCHANGE,
38-40 Broadway, Detroit, Mich.

The FLORISTS' MANUAL, by Wm. Scott. A practical guide for the florist, covering the successful management of all the usual florists' plants; including many topics, such as Greenhouse Building, Heating and Floral Decorating, etc. Written so you can understand it and profit by its guidance. Fully illustrated. Price, $5.00 a copy, carriage charges prepaid.
Florists' Publishing C., Caxton Bldg., Chicago.

A NEW SINGLE CHRYSANTHEMUM.
MARY COLLADAY.

A seedling of Garza, extremely free and excellent keeping qualities. Color a rich rose lavender pink and Garza in size and form. Strong 2¼-in. stock., $4.00 per doz; $25.00 per 100.

S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Orders booked now for March, April and May delivery. Rooted chrysanthemum cuttings of the following standard varieties: Maud Dean, White Eaton, Yellow Eaton, Dr. Enguehard, Major Bonnaffon, Ivory, White Bonnaffon and several other good varieties, $1.00 per 100; $9.00 per 1000.

E. V. B. Felthausen,
184 Van Vraken, Schenectady, N. Y.

Chrysanthemums, 2½-in. pot plants in ideal condition at $3.00 per 100; $25.00 per 1000. Wm. Duckham, Beatrice May, Mrs. O. H. Kahn, Monrovia, Gloria, Hanky, Lady Hopetown. Smith's Advance, $15.00 per 100. These plants are sold with an absolute guarantee of being true to name and finest Totty quality.
Chas. H. Totty, Madison, N. J.

Chrysanthemums. Chrysolora, in 2-in. pots, $20.00 per 100; rooted cuttings, $17.00 per 100. Smith's Advance, in 2-in. pots, $6.00 per 100; rooted cuttings, $4.00 per 100. Also other standard varieties. Send for list.
La Crosse Floral Co., La Crosse, Wis.

Chrysanthemum rooted cuttings. Golden Glow, Monrovia, Halliday, Bonnaffon, Pacific Supreme, Enguehard, Maud Dean, J. Rosette, Estelle, A. Byron and other leading commercial varieties, $1.25 per 100; $12.00 per 1000.
T. W. Baylis & Sons, West Grove, Pa.

I am booking orders for fancy rooted cuttings of yellow Bonnaffon from plants carried on benches in a light, new house, making the finest of stock. Price, $2.00 per 100; $17.50 per 1000. Cash with order.
G. S. Ramsburg, Somersworth, N. H.

Pompon chrysanthemum Diana, the best double white pompon, surely a moneymaker for the commercial florist. Stock plants, $4.00 per 100; rooted cuttings, $1.00 per 100, or will exchange for bedding plants.
C. P. Bethards, Florist, Springfield, O.

"CHRYSANTHEMUMS FOR THE MILLION."
A record of notes on the culture of the chrysanthemum, by growers situated in every section of the United States, with an introduction by the author, C. H. Totty. Price, 25c.
Chas. H. Totty, Madison, N. J.

50,000 CHRYSANTHEMUM CUTTINGS.
$10.00 per 1000.

Yellow Bonnaffon — Diana
Garza — Richardson
Yellow Baby

J. R. Falkenstein, Naperville, Ill.

Chrysanthemum Smith's Advance, the early white, without a rival, easy to grow, does not damp, petals tight. Well rooted tips, $5.00 per 100. My stock is large and cool grown. I want rooted Gloriosa carnations and will exchange.
Maurice J. Brinton, Christiana, Pa.

5000 chrysanthemum plants, well rooted, out of sand, 1c to 5c each. Send for list.
Sunnyside Greenhouses, Cottage Grove, Ore.

SMITH'S ADVANCE.

The earliest white mum, a good money-maker. Rooted cuttings, 75c per doz.; $5.00 per 100. From 2¼-in. pots, $1.25 per doz.; $8.00 per 100.
A. L. RANDALL CO.,
66 E. Randolph St., Chicago.

Chrysanthemum stock plants. G. Glow, Crocus, Gloria, Enguehard, Oct. Frost, Polly Rose, 50c per doz.; $3.00 per 100, or will exchange for any stock I can use.
H. S. McClenahan, Oklahoma City, Okla.

Chrysanthemum rooted cuttings, No. 1. Monrovia, Bonnaffon, October Frost, Gloria and Enguehard, $1.00 per 100; $8.00 per 1000. Stock plants of above varieties, $3.00 per 100.
J. H. Milnor Sons & Co., Ada, O.

Chrysanthemums. 100,000 rooted cuttings (10 best commercial varieties), $10.00 per 1000. 250 at 1000 rate. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

We have 5000 Smith's Advance chrysanthemum rooted cuttings ready to ship at $5.00 per 100. Cash with order. You had better hurry.
The Newburys, Mitchell, S. D.

Pompon chrysanthemum stock plants. Diana, 3c each, $3.00 per 100; rooted cuttings, $1.00 per 100.
F. W. Ude & Son, 650 N. Dickson, Kirkwood, Mo.

Fine healthy stock, Smith's Advance. Rooted cuttings, $4.00 per 100; 2½-in., $6.00 per 100. Special prices per 1000.
Will Bros. Co., Box 29, Minneapolis, Minn.

Chrysanthemums. Early Snow, Estelle, Golden Glow, Pacific Supreme rooted cuttings, $1.00 per 100. Orders booked for Nonin, Bonnaffon, Nagaya.
E. A. Wallis & Co., Berlin, N. J.

Smith's Advance (the early white), Unaka (the great pink). Rooted cuttings, $5.00 per 100.
Max B. Schreiber, McDonald, Pa.

Chrysanthemum rooted cuttings ready now. Robinson and Polly Rose, $15.00 per 1000. Cash with order. Joseph E. Johnston, Stamford, Conn.

Chrysanthemum, 2-in. pots. Smith's Advance, Unaka, Glen Cove, Mrs. David Syne, $7.00 per 100. Eli Cross, 25 Monroe, Grand Rapids, Mich.

Advance, strong, healthy and clean 2½-in. stock, $8.00 per 100.
Chas. Frueh & Sons, Saginaw, Mich.

Stock plants of yellow Garza, new, at 50c each, $5.00 per doz.
Jacob Russler, 114th and Avon, Morgan Park, Ill.

Advertisers have learned from experience that THE REVIEW PAYS BEST.

Smith's Advance chrysanthemums, extra 2¼-in. stock, $8.00 per 100; rooted cuttings, $5.00 per 100.. Jos. F. Klimmer Estate, Forest Park, Ill.

Chrysanthemums, 16 commercial varieties. Rooted cuttings, $10.00 per 1000. Orders booked.
McRae-Jenkinson Co., Cheswick, Pa.

Chrysanthemums. Enguehard, Bonnaffon and Nonin, $2.00 per 100; $17.50 per 1000.
Albert M. Herr, Lancaster, Pa.

Pompon and daisy rooted cuttings, 75c to $2.00 per 100. R. F. Gloede, Evanston, Ill.

CINERARIAS.

Cinerarias, a brilliant strain, mostly light colors and just right for Easter, 4-in., $8.00 per 100; 5-in., $1.50 per doz.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Cinerarias, Columbian mixture, splendid colors, 6-in., 35c ea., $4.00 per doz.; 5-in., $3.00 per doz. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Cineraria Rawson's Beauty, 2½-in., 3c; 3-in., 4c. Strong plants.
The Newburys, Mitchell, S. D.

Cineraria hybrida grandiflora. Strong 2¼-in. stock, $2.00 per 100. Cash.
Freeport Floral Co., Freeport, Ill.

Cinerarias. The largest flowers. See display adv. J. W. Miller, Shiremanstown, Pa.

Cinerarias, choice mixed, in 4-in., showing buds, 7c. Mellen Greenhouse Co., Ravenna, O.

CLEMATIS.

Clematis paniculata, 3-yr., strong; Duchess, Henryi, Jackmani, Ramona, Andre, Ville de Lyon, Red Jack. Write for prices.
Parks & Schaufelberger, Penfield, N. Y.

Clematis paniculata seedlings, $1.00 per 100. Cash with order, please.
S. V. Smith, Roy and Goodman, Philadelphia, Pa.

COLEUS.

Coleus, $4.00 per 1000; 60c per 100 by mail. 100,000 good, strong, clean, well rooted cuttings now in sand. We are the largest growers of coleus cuttings in the world. Over 1,000,000 sold in a season. Verschaffeltii, Golden Bedder, Queen Victoria, Firebrand and all other leading varieties. Come and see them. Cash with order.
C. Schulze & Son, 261-75 Lawrence, Flushing, L. I., N. Y.

Coleus rooted cuttings, the very best of standard varieties, 5% of them the new large leaved German with every order, 75c 100, $6.00 1000; 2-in., strong stock, ready to top, $2.00 100, $18.00 1000.
C. Winterich, Cyclamen Specialist, Defiance, O.

Coleus Brilliancy, 2-in., $3.00 per 100; rooted cuttings, $1.50 per 100; assorted standard varieties, 60c per 100; $5.00 per 1000.
N. O. Caswell, Delavan, Ill.

Coleus rooted cuttings, Verschaffeltii and Golden Bedder, clean stock, $6.00 per 1000; 2-in. stock, fine plants, $2.00 per 100, $18.00 per 1000. Cash, please. Rudolf Nagel, Lancaster, Pa.

Coleus, standard varieties, including Verschaffeltii, Golden Bedder, 2-in., $2.00 per 100; $18.50 per 1000. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Coleus. Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Coleus, 2¼-in. pots, 10 varieties, my selection, $2.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Coleus R. C., strong, 6 best sorts, 75c per 100. Write for special price on large orders.
Krueger Bros., Toledo, O.

Assorted coleus rooted cuttings, 15 varieties, 60c per 100, $5.00 per 1000; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Coleus, 15 fine varieties. Rooted cuttings, 60c 100; prepaid, 75c.
A. J. Baldwin, Newark, O.

Coleus, Verschaffeltii, Golden Bedder and assorted fancy, $6.00 per 1000.
Albert M. Herr, Lancaster, Pa.

Coleus rooted cuttings, 9 kinds, 60c 100. Will exchange for rooted geranium cuttings.
E. Huston & Co., Sistersville, W. Va.

Coleus rooted cuttings, 15 varieties, $5.00 per 1000. On large lots, please write me.
U. G. Harglerode, Shippensburg, Pa.

Coleus rooted cuttings, Verschaffeltii, Golden Bedder and 10 other varieties, 60c 100; $5.00 1000.
E. B. Randolph, Delavan, Ill.

Coleus, 8 varieties, all good ones, strong 2-in., 2c. W. H. Zimmerman, Ashland, O.

Coleus R. C., best varieties, 75c per 100.
John Irvine & Sons, Bay City, Mich.

CROTONS.

Croton aurea maculata, 3-in. pot plants, $8.00 per 100.
Storrs & Harrison Co., Painesville, O.

CUPHEAS.

Cupheas (cigar plant), R. C., 70c per 100.
John Irvine & Sons, Bay City, Mich.

Cuphea rooted cuttings, 50c 100.
U. G. Harglerode, Shippensburg, Pa.

CYCLAMEN.

150,000 giant cyclamen seedlings. We claim the finest commercial strain in this country. Mr. A. Hange, Birmingham, Ala., says, "I planted 100 of your seedlings last year (1910) in comparison with 2500 of from so-called unrivalled, high-priced English strains, but yours outgrew them." Transplanted August seedlings, $3.00 per 100; $25.00 per 1000; 4, 5 and 6-in. plants, now blooming, from 15c to 50c each. Cash with order. See my coleus adv.
C. Winterich, Cyclamen Specialist, Defiance, O.

CYCLAMEN GIGANTEUM.

	100	1000
3-inch	$ 6.00	$50.00
4-inch	10.00	80.00

Cash with order.
John Bauscher, Jr., Freeport, Ill.

Cyclamen giganteum. Transplanted August seedlings, the cream of the English and German strains, including orchid and best salmon flower, 10 separate varieties. Ready to pot, $3.00 per 100; $25.00 per 1000. Cash, please.
Rober & Radke, Maywood, Ill.

Cyclamen seedlings, excellent giant strain, 2½-in., $5.00 per 100; $30.00 per 1000. Ready now. Write for our 1912 catalogue.
S. S. SKIDELSKY & CO.,
1215 Betz Bldg., Philadelphia, Pa.

Cyclamen splendens giganteum hybrids, twice transplanted from flats, in five colors, $3.50 per 100; $30.00 per 1000.
Paul Mader, East Stroudsberg, Pa.

We have a fine lot of cyclamen seedlings, very good imported strain, to offer in 6 separate vars., $1.50 per 100; $12.50 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Cyclamen seedlings, best giant, mixed colors, $1.50 per 100. Cash.
Rudolph Friederichsen, Marengo, Iowa.

Cyclamen seedlings, giant flowering strain, $3.50 per 100, $30.00 per 1000; 2½-in., $5.00 per 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Cyclamen in bud and bloom, 3-in., 5c.
U. G. Harglerode, Shippensburg, Pa.

DAHLIAS.

Dahlias, strong divisions of best cut flower sorts. Per 100: Aurora, Queenie, V. Maule, $10.00; Delice, $9.00; Kriemhilde, Pink Pearl, Schwan, K. A. Victoria, $8.00; Burbank, J. Charmet, Mme. Van den Dael, $7.00; C. of Lonsdale, Mrs. Winters, Rose-pink Century, Fringed 20th Century, Grand Duke Alexis, $6.00; Jack Rose, $5.00; C. Bruton, Souv. de Gustave Doazon, $4.00; Gen. Buller, C. Duer, Lyndhurst, Sylvia, A. D. Livoni, Red Hussar, Queen Victoria, $3.00; Nymphaea, $2.00. Cash.
W. K. Fletcher Bulb & Floral Co.,
Route 5, Des Moines, Iowa.

Dahlias. Gettysburg, Penelope, Red Hussar, cut flower varieties; strong divisions, $3.00 per 100. Cash.
Louis B. Eastburn, Kennett Square, Pa.

DAHLIAS—Continued.

Price list of Dahlias for Spring 1912.
FIELD CLUMPS,
10c each; divided, 2c each, $15.00 1000.
Wm. Agnew, Henry Lyndhurst, Fire Rain, Catherine Duer, Indian Chief, Mars, Catherine, Clifford Bruton, Queen Victoria, Henry Patrick, Blanche Keith, Sylvia or Dolly, A. D. Livoni, Snowclad, Camelliaflora.
FIELD CLUMPS,
12½c each; divided, 2½ each, $20.00 1000.
Snow, Baroness Schroeder, Souv. de G. Doazon, Princess Louise, Victoria, Maid of Kent, Gen. Buller, Mrs. H. Jones, Bon Ton, Countess of Lonsdale, Souv. de Mme. Moreau, Black Beauty, Eloise, Standard Bearer.
UNDIVIDED FIELD CLUMPS,
15c each; divided, 3c each, $25.00 1000.
Strahlen Krone, Dainty, Yellow Le Colosse, Jeanne Charmet, Jack Rose, Frank Smith, Mme. Vauden Dael, Kriemhilde.
FIELD CLUMPS.
20c each; divided, 5c, $40.00 1000.
Mrs. Hartung, Flora, Mrs. Roosevelt.
Assorted to color, equal amounts of each of the different shades, red, yellow, pink and white, at $2.00 per 100; $15.00 per 1000. Not less than 500 at 1000 rate.
All good sound stock, true to name. Strong divisions of field-grown stock, no broken necks. Reference or cash with order.
W. A. Finger, Hicksville, N. Y.

WHOLESALE LIST FOR 1912
NOW READY.
Separated stock and clumps. We use no slips or sprouts for propagation; stock all grown from tubers, insuring strong roots.
J. L. MOORE,
Northboro Dahlia & Gladiolus Gardens,
NORTHBORO, MASSACHUSETTS.

EAST BRIDGEWATER DAHLIA GARDENS have 104 up-to-date kinds of the best cut flower varieties, over 750,000 clumps at right prices. Send your wants to
J. K. ALEXANDER,
The Dahlia King, E. Bridgewater, Mass.

THE BROCKTON DAHLIA FARM is headquarters for good, reliable stock. I have a quantity of standard varieties that I am going to sell at almost your own price. Send for list. I am bound to give you prices that are right.
W. P. Lothrop, East Bridgewater, Mass.

DAHLIAS—Superb florists' varieties, $5.00 per 100; $40.00 per 1000. Divided roots, ½ of above price.
NATIONAL CO-OPERATIVE SHOW GARDENS,
Box 1200, Spencer, Ind.

Dahlias. Best of novelties and standard varieties, true to name. A choice lot of introductions. Send for catalogue of dahlias, holly hocks, hardy plants, etc. Prices reasonable.
W. W. Wilmore. Box 382. Denver, Colo.

Dahlias. Blushing Beauty, best cut flower kind, shrimp pink, nearly white; div. roots, $5.00 100. Wm. Ross, best red to date, $20.00 100.
J. W. ROSS Co., Centralia, Ill.

Dahlias, best varieties for florists' use. Strong, field-grown roots, true to name, in assortment, $5.00 per 100; 250 for $10.00. Send for list.
S. W. Pike, St. Charles, Ill.

Dahlias, named sorts. Divided roots, $1.25 per 100; $10.00 per 1000.
C. W. Hoffman, R., 13, Dayton, O.

Dahlia bulbs, white, pink, red and yellow, for cut flowers, $5.00 per 100.
Jacob Russler, Morgan Park, Ill.

Dahlias, whole roots, good cut flower sorts, our selection of varieties, $5.00 per 100.
Storrs & Harrison Co., Painesville, O.

BUSINESS BRINGERS—
REVIEW Classified Advs.

Buy your dahlias from a specialist. List ready.
H. W. Koerner, Sta. B., Milwaukee, Wis.

DAISIES.

Marguerites. Queen Alexandra, Nicholson's White, Soleil d' Or, 2½-in., $3.00; 3½-in., $6.00 per 100. Queen Alexandria, 4½-in., $10.00; 6-in., $25.00 per 100. Bushy stock ready for a shift or immediate flowering. Cash only.
J. Sylvester, Florist, Oconto, Wis.

MARGUERITES. Something entirely new, flowers 3 to 4 in. across, stems 12 to 15 in. long and the best winter bloomer. Stock now ready from 2½-in. pots, $5.00 100.
F. Holtke, Broad & 5th Sts., Carlstadt, N. J.

Yellow marguerites, winter flowering. Guaranteed healthy stock out of 2½-in. pots. $5.00 per 100; 4-in. pots, 10c, $10.00 per 100. Sample by mail, 10c.
James Crawshaw, Depot Ave., Barrington, R. I.

Daisies (Chrysanthemum maximum), fine for cutting. Strong divisions, right from 5-in. pots, $2.00 per 100; $15.00 per 1000. Cash with order.
W. A. Finger, Hicksville, L. I., N. Y.

Marguerite R. C., winter flowering, 75c per 100; 2½-in., $3.00. Bellis, double large flowering, 50c per 100; $4.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

The new double daisy, Mrs. F. Sander. Good, strong, healthy plants from 2¼-in. pots, $5.00 per 100; $40.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Marguerite Mme. Gailbert, strong, beginning to branch freely, most of them showing buds, 3-in., $4.00; 2-in., $2.50 per 100. Cash, please.
Harry Tredway, 214 Clayton St., Dayton, O.

NEW DOUBLE MARGUERITE, MRS. F. SANDER, a good variety, free and easy grower. Strong plants, 2-in. pots, $5.00 per 100; $40.00 per 1000.
S. J. Reuter & Son, Inc., Westerly, R. I.

Daisies. Queen Alexandra and large yellow. R. C., $1.25 per 100, $10.00 per 1000; strong 2½-in., $3.00 per 100, $25.00 per 1000. 250 at 1000 rate.
Krueger Bros., Toledo, O.

Winter flowering yellow marguerites, the right kind; unrooted, $2.00 per 100; rooted, $4.00 per 100. Cash. A. E. Monroe, Wellesley Farms, Mass.

Shasta daisy plants, field-grown, $1.00 per 100; $7.50 per 1000. Cash or C. O. D.
E. J. Sheffield, Alvin, Texas.

Marguerites, large and small flowering, 2-in., $2.00 per 100; 3-in., $4.00.
Rober & Radke, Maywood, Ill.

Daisies. Elegant 2½-in. stock of Alexandra and Sander, healthy and strong, $4.00 per 100.
Chas. Frueh & Sons, Saginaw, Mich.

Marguerites, white, 2-in., very strong, $2.50 100; well rooted, $1.00 100.
Hopkins & Hopkins, Chepachet, R. I.

Daisies. White marguerites, 3-in., $4.00 per 100; rooted cuttings, 70c per 100. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Queen Alexander and yellow daisies, 4-in., fine, bushy stock, $6.00 per 100. Cash.
P. N. Obertin, Kenosha, Wis.

Daisies, Paris. Rooted cuttings, giant yellow and white, $1.00 per 100; 2-in., 2c.
Byer Bros., Chambersburg, Pa.

Marguerites, Queen Alexandra, Yellow Castle, best yellow, and California, white, $1.25 per 100 prepaid. S. W. Pike, St. Charles, Ill.

Marguerite rooted cuttings, $1.00 per 100, $9.00 per 1000, prepaid. J. L. Johnson, De Kalb, Ill.

Giant marg., yellow, white, 2-in., $1.60 100. Cash.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Mrs. F. Sander, $2.00 100; exchange for dble. white ger., caru'ns. The Maples, Garrettsville, O.

Yellow daisies, 2½-in., $2.50 per 100.
Willis W. Kinyon, South Bend, Ind.

DIELYTRAS.

Dielytras (bleeding hearts), with 5 and 6 flowering shoots, in 6-in. pots, now in bloom, ready to ship, 50c ea.
Calvert Floral Co., Lake Forest, Ill.

DRACAENAS.

Dracaena indivisa, good and strong, 24 in., and over, high, 4-in., ought to be in 5-in., $10.00 per 100. Want of room. Cash.
J. Bauers, 2010 Spring Rd., S. W., Cleveland, O.

Dracaena indivisa from 3-in. pots, 15 to 18 in. high, ready for a shift, $5.00 per 100. Cash or satisfactory reference.
C. F. Mahan, R. D. 8, Dayton, O.

Dracaena terminalis rosea. Beautiful, well colored plants, from 6-in. pots, 24 to 30 in., $9.00 doz., worth $15.00.
Avenue Floral Co., New Orleans, La.

Dracaena indivisa, 3-in., $3.00 per 100, or will trade for young rose stock.
Haentze Co., Fond du Lac, Wis.

Dracaena indivisa, strong 3-in., will make fine plants for spring sales, $4.00 per 100.
R. B. Kilbury, R. R. 1, Dayton, O.

3000 Dracaena indivisa. Good strong 2¼-in., 2½c, 3-in., 5c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dracaena indivisa. Strong 5-in. pot plants, 10c; 3-in., $3.00 per 100. Buy now.
Wm. Eschrich Co., North Milwaukee, Wis.

Dracaena terminalis, fine young 2½-in. stock, $10.00 per 100.
Julius Roehrs Co., Rutherford, N. J.

Dracaena indivisa, strong 2-in., $1.35 100.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Dracaena indivisa, 3-in., $5.00 per 100; $40.00 per 1000. L. Potter & Sons, Waukegan, Ill.

Dracaena indivisa, 3-in., 5c each.
Willis W. Kinyon, South Bend, Ind.

Dracaena indivisa, 4-in., $10.00 per 100. Cash.
Bannister Bros., Syracuse, N. Y.

FERNS.

FERNS MY SPECIALTY.
ASSORTED FERNS FOR FERN DISHES, strong 2¼-in. stock in hardiest and best varieties, $3.00 per 100; $25.00 per 1000.
CIBOTIUM SCHIEDEI. Grandest stock ever offered of this most magnificent fern, 3-in., $3.50 per doz., $25.00 per 100; 4-in., $5.00 per doz., $40.00 per 100; 8-in., $2.25; 9-in., $3.50; 10-in., $4.50; 12-in., $6.50 each.
ADIANTUM CROWEANUM, 4-in., $2.00 per doz.; $15.00 per 100.
ADIANTUM CUNEATUM, 2¼-in., $3.50 per 100, $30.00 per 1000; 4-in., nice full plants, $12.00 per 100.
ADIANTUM FARLEYENSE, 4-in., $5.00 per doz.; $40.00 per 100.
ADIANTUM REGINAE and RHODOPHYLLUM, splendid 4-in. stock, $4.50 per doz., $35.00 per 100.
ASPARAGUS PLUMOSUS NANUS, 2¼-in., $3.00 per 100; $25.00 per 1000.
ALSOPHILA AUSTRALIS, a very pretty tree fern, 7-in., $1.50; 10-in., $4.00 each.
J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

FERNS FOR IMMEDIATE DELIVERY.
EXTRA GOOD QUALITY STOCK.
BOSTON.

	100		100
4-inch	$10.00	8-inch	$80.00
5-inch	25.00	9-inch	each, 1.25
6-inch	40.00	10-inch	each, 1.50
7-inch	60.00	12-inch	each, 2.00

WHITMANI.

	100		100
6-inch	$45.00	8-inch	$80.00

ASPARAGUS PLUMOSUS.
3-in., $6.00 per 100.
R. R. DAVIS CO., MORRISON, ILL.

Ferns. Handsome stock. Boston, Whitmani, Elegantissima compacta, Sprinfieldii, Amerpohlii, Scholzeli. Rooted runners, $1.80 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c. Samples sent for 25c. Satisfaction guaranteed. Ferns are grown at Cleveland, Ohio, plant. 60,000 feet of modern glass devoted to ferns and asparagus. Special prices on large quantities for cash only.
Schneider, Florist, Springfield, Ohio.

TABLE FERNS in best mixed varieties, from 2¼-in. pots, $30.00 per 1000; 250 at same rate. I have a large stock to select from. Sure to please.
All out of town orders are cash with order, please.
B. SOLTAU FERNERY,
2199 Grant Ave., Jersey City, N. J

Boston ferns, 6-in. pots, 45c ea., $40.00 per 100. Whitmani ferns, 4-in., 20c ea., $15.00 per 100; 5-in., 30c ea., $25.00 per 100; 6-in., 45c ea., $40.00 per 100; 7-in., 60c ea., $55.00 per 100; 8-in., 75c ea., $70.00 per 100. Ficus elastica, 35c, 50c and 75c ea. Cash, please.
Queen City Floral Co., Manchester, N. H.

Ferns. Good, strong pot-grown Amerpohlii, Elegantissima, Piersoni, Boston and Superbissima, 3-in., $7.00 per 100; 4-in., $12.00 per 100, $110.00 per 1000; 5-in., $18.00 per 100. This is all excellent stock and worth more money but I must have room.
Andrew Peterson, Hoopeston, Ill.

FERNS FOR JARDINIERES for immediate use. Bushy, well grown plants, 6 to 8 best varieties, from 2¼-in. pots, $3.00 per 100; $25.00 per 1000.
COCOS WEDDELIANA, 2¼-in. pots, right for centers, $10.00 per 100.
Thos. P. Christensen, Short Hills, N. J.

Nephrolepis exalta Bostoniensis. Booking orders now. Fine, strong runners, $10.00 per 1000. Nephrolepis exaltata, same price as above. Nephrolepis davallioides furcans. Strong runners, $2.50 per 100. J. J. Soar, Little River, Fla.

ROOSEVELT FERN IS A WINNER.
2½-in. .....$2.00 per doz.; $15.00 per 100
3-in. ..... 2.50 per doz.; 17.50 per 100
F. O. B. West Grove,
Conard & Jones Co., West Grove, Pa.

Ferns for dishes, transplanted, ready for potting, five varieties, $1.00 per 100; $9.00 per 1000. Strong plants, 2-inch, $3.00 per 100; $25.00 per 1000. Cash, please.
Rober & Radke, Maywood, Ill.

Fern dish ferns, assorted, $3.00 per 100; $25.00 per 1000.
Aspidium tsussimense and Cyrtomium falcatum, $3.50 per 100; $30.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Boston ferns, fine stock, for 6-in., 25c; 4-in., 12c. 25,000 Boston ferns, for 2 and 3-in., immediate or future shipments, also Whitmani, $20.00 per 1000. Cash.
A. E. Monroe, Wellesley Farms, Mass.

Boston ferns, 4-in., $10.00 per 100, $90.00 per 1000; 2-in., $2.00 per 100, $18.00 per 1000. This stock is extra good; I need the room at once and ferns must go.
H. C. Brown, Yellow Springs, Colo.

Have you something that you don't want and would you trade it for something you have use for? Then don't fail to read the To Exchange advs. over in the back part of this department.

Boston ferns from bench, stronger than 2½-in. pot grown, $3.50 100; $30.00 1000. Fine stock and packed well.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. 500 at 1000 rate. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

Boston ferns, 5-in., $25.00 per 100; 6-in., $40.00 per 100. These were potted in September and are good, strong, well grown plants.
Crown Point Floral Co., Crown Point, Ind.

GOOD FERNS.
Bostons, 5-in., 25c; 6-in., very good, 50c; 7-in., 75c; 8-in., $1.00. Whitmani, 4-in., 20c; 5-in., 35c; 6-in., 60c. Gullett & Sons, Lincoln, Ill.

6000 Boston fern runners, first-class stock, $10.00 1000. Cash with order.
Parkside Greenhouses, 1457 E. 70th St., Chicago.

Boston ferns, ready for shift, 4-in., $12.00 per 100; 3-in., $7.00 per 100.
Thos. Salveson, Petersburg, Ill.

Boston ferns, 5-in. pots, good, strong and healthy, to make room, 16c. Cash with order.
C. C. Walker, Danville, Ill.

Boston ferns, strong runners, $10.00 per 1000. Write for special price on 5,000 to 20,000 lots.
F. M. Soar, Little River, Fla.

Boston ferns, grown for our own use but have too many; 5-in., 35c; 6-in., 50c; $6.00 per doz.
D. R. Herron, OLEAN, N. Y.

Table ferns, in good varieties, out of 2¼-in. pots, $3.00 per 100. Cash, please.
J. H. Flesser, Guttenberg, N. J.

Whitmani, Bostoniensis and Piersoni ferns, 4-in., 15c ea; 5-in., 25c ea.; 6-in., 50c ea.
Koerbel Bros., Jeanette, Pa.

Bench ferns. Elegantissima, Amerpohlii, Scholzeli, 3, 4 and 5-in., 6c, 10c, 12c. Cash.
Byer Bros., Chambersburg, Pa.

Croweanum ferns, nice stock out of 4-in. pots, $8.00 per 100.
Pittsburgh Cut Flower Co., Gibsonia, Pa.

Boston and Whitmani runners, $2.00 100. Bostons, 2½-in., extra good, $4.00 100. Cash with order. J. T. Cherry, Athens, Ill.

Ferns for dishes, good assortment, 2-in. pots, $3.00 per 100.
John Irvine & Sons, Bay City, Mich.

Boston ferns, 6-in., $6.00 doz.
N. A. Nielsen, Carroll, Iowa.

Boston fern rooted runners, extra fine, 2 to 5 fronds, $2.00 100. A. J. Baldwin, Newark, O.

Boston ferns, 4-in., $12.50 100.
J. W. Ross Co., Centralia, Ill.

Boston ferns, 2½-in. stock, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Boston fern runners, 2 to 4 leaves, $2.00 per 100. P. Pearson, 5734 Gunnison St., Chicago.

Boston ferns, 4-in., 15c; 5-in., 25c. Baur Floral Co., Erie, Pa.

Boston and Whitmani ferns, 5-in., 30c; 6-in., 50c. Cash. Bannister Bros., Syracuse, N. Y.

FEVERFEW.

Feverfew Little Gem, $1.00 100, free by mail; $9.00 1000, free by express.
Henry Krinke & Son, St. Paul, Minn.

Rooted cuttings of feverfew, 2c; 2½-in. pots, $2.50 per 100.
R. A. Washington, North Stoughton, Mass.

Feverfew rooted cuttings, nice stock, $1.00 per 100; $8.00 per 1000.
Batavia Greenhouse Co., Batavia, Ill.

Feverfew, large double white, $1.00 100, prepaid. Chas. Frost, Kenilworth, N. J.

FORGET ME NOTS.

Forget-me-nots, best everblooming, $1.25 per 100 by mail. S. W. Pike, St. Charles, Ill.

FUCHSIAS.

Fuchsia Little Beauty, the true stock, best fuchsia extant, 2¼-in., $4.00 per 100, $35.00 per 1000; 250 at 1000 rate. Rooted cuttings, $1.50 per 100. Baur Floral Co., Erie, Pa.

Fuchsia, 5 best varieties. Little Beauty, true; Renan, White Beauty, Lord Byron, Tenuer, 2¼-in., $4.00 per 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Fuchsias, 3 of the best sorts, including Black Prince, all early and free flowering, 2¼-in., $2.00 per 100; 3-in., $3.00 per 100, 200 for $5.00.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Fuchsias, 5 good kinds. R. C., 80c; extra strong 2's, 2c. Cash.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Fuchsias, assorted varieties. Rooted cuttings, $1.00 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

Fuchsias in assorted colors, good market varieties. Rooted cuttings, $1.25 per 100.
N. O. Caswell, Delavan, Ill.

Finest double fuchsias, dwarf habit. Strong, well-rooted cuttings, $1.00 100; $8.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

BUSINESS BRINGERS—
Review
Classified Advs.

Fuchsia rooted cuttings. Black Prince and other good sorts, $1.00 per 100; $8.00 per 1000.
G. E. Fink, Kenilworth, N. J.

Fuchsias, best market sorts, 2-in. pots, $2.00 per 100; rooted cuttings, 90c per 100.
John Irvine & Sons, Bay City, Mich.

Fuchsias, fine assortment of best kinds, $1.25 per 100 by mail. S. W. Pike, St. Charles, Ill.

Fuchsias, six best varieties, 3-in., very strong, 5c; 2-in., 2c. Bell Floral Co., Franklin, Pa.

Mixed fuchsia rooted cuttings, 75c 100.
U. G. Harglerode, Shippensburg, Pa.

GENISTAS.

Genistas, very bushy and in bud, 4-in., $10.00 per 100.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Genista rooted cuttings, $1.50 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

Genistas, large plants, 25c and 50c.
Levant Cole, Battle Creek, Mich.

GERANIUMS.

Geraniums, 60 newest varieties, all true to name, for immediate delivery. An assortment of 25 sorts at $5.00 per 100. Extra strong 2-in. stock, ready for shift. Many of these sorts are quoted by others at 10c ea. 30,000 Nutt, Viaud, Poitevine, Ricard, Buchner and Meehan, extra strong 2-in. stock, for March and later delivery; Nutt, $18.00 per 1000, the others $20.00 per 1000. All top cuttings and nothing under quality sent out. Cash with order, please. Will cover all orders as received.
J. A. Swartley & Sons, Sterling, Ill.

Geranium rooted cuttings. Ricard, Trego, D. Dryden, Viaud, Dagata, Poitevine, Landry, Recamier, $14.00 per 1000. Nutt, Meehan, Presilly, Harcourt, $12.00 per 1000. Baudrier, Oberle, Col. Thomas, Lawrence, Charlotte, Hill, Bisquit, $1.50 per 100. Lecadre, La Favorite, Le Cid, Montmort, $1.35 per 100. Above assorted, $13.00 per 1000. Red Wing, $3.00 per 100. Cash with order.
J. P. Siebold, Lancaster, Pa.

GERANIUM ROOTED CUTTINGS.
S. A. NUTT, DE MONTMORT, DOUBLE WHITE.
$1.25 per 100; $12.00 per 1000.
VIAUD AND RICARD.
$1.50 per 100; $14.00 per 1000.
Ready for immediate delivery.
Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses, Dayton, O.

Geraniums for immediate delivery; good, strong 2-in. stock. Nutt, Viaud, Presilly, Buchner and F. Blanc (white), $2.00 per 100; $18.50 per 1000. A. Ricard and B. Poitevine, $2.50 per 100; $25.00 per 1000. Also about 2650 good 2-in. that were accidently mixed, $1.75 per 100; $17.00 per 1000. Cash with order.
N. E. Beck Floral Co., Massillon, O.

30,000 S. A. NUTT.
A No. 1 stock for delivery Feb. 20th to 30th, $1.50 per 100; $14.00 per 1000. DBLE GEN. GRANT, MME. BUCHNER and BEAUTE POITEVINE for March delivery. Write.
W. T. Buckley Co., Springfield, Ill.

Geraniums, 2½-in. Nutt, La Favorite, $2.50 per 100; $22.50 1000. Poitevine, Jean Viaud, Harrison, Redfield, Perkins, Rose, $3.00 100; $25.00 1000. Mme. Salleroi, 2-in., $2.00 100, $18.00 1000; 500 at 1000 rate. Cash, please.
Rober & Radke, Maywood, Ill.

Double Grant, Nutt, Buchner, Hill, 2-in., $18.00 1000; rooted cuttings, $12.00 1000. Castellane, 2-in., $2.40 100; rooted cuttings, $1.40 100. Pelargoniums, mixed, 3-in., 6c; 2-in., 4c; 5-in., 12c.
Port Allegany Greenhouses, Port Allegany, Pa.

Geraniums, 2½-in., fine plants. S. A. Nutt, C. Harcourt and Paumpack, the best cerise pink geranium in sight, throws more blooms than Nutt and is just as good a bedder, $2.50 per 100; $22.50 per 1000. Myers & Co., Bluffton, Ind.

Geranium rooted cuttings. Surplus of 5000 Mme. Buchner, $11.00 per 1000. Nutt, Doyle and others ready about March 10; all ordered up until that time.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

The FLORISTS' MANUAL, by Wm. Scott. It tells you just what you want to know in just the way you want to be told. Price, $5.00. Prepaid.
Florists' Pub. Co., Caxton Bldg., Chicago.

Geraniums. Martha Washington, best kinds, assorted, $2.50. The new variegated leaf S. A. Nutt, strong stock, $5.00 per 100 prepaid.
S. W. Pike, St. Charles, Ill.

Geraniums. 2000 Bruant (or Heteranthe), 300 each Hill, La Favorite, Queen of West and Rose, 2¼-in., $2.00 per 100.
S. M. Harbison, Danville, Ky.

Geraniums, S. A. Nutt and five other varieties. My selection, 2½-in. pots, $3.00 per 100; $25.00 per 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Rose geraniums, strong 2¼-in., $2.50 100; well rooted, $1.00 100.
Hopkins & Hopkins, Chepachet, R. I.

Geraniums. Buchner, white; La France, salmon; 2¼-in., $2.00 per 100; $18.00 per 1000.
Smith & Van Aart, Newtown, Pa.

Salleroi. Strong rooted cuttings, $10.00 per 1000; 2½-in., $3.00 per 100.
Jacob Russler, Morgan Park, Ill.

Geraniums. Mme. Buchner, Frances Perkins and Clyde, 2¼-in., $2.50 per 100; $20.00 per 1000.
So. Bend Floral Co., So. Bend, Ind.

Mme. Salleroi, strong 2-in., ready for 3-in., $2.00 per 100; $18.00 per 1000. Cash, please.
Restland Floral Co., Mendota, Ill.

A. Ricard, best red, 2 and 2½-in., 2½c; rooted cuttings, 1½c. Cash.
Theo. D. Kuebler, R. R. 6, Evansville, Ind.

Geraniums. 500 S. A. Nutt, 2½-in., $10.00 for quick sale. Send cash.
Brott, The Florist, Kalamazoo, Mich.

Geranium Mme. Salleroi, strong 2¼-in., $2.50 per 100.
Storrs & Harrison Co., Painesville, O.

2000 geraniums, large, strong, ready for 5-in. pots, 6 colors of the best sellers, 5c; $40.00 per 1000. Cash. C. W. Harrold, Decatur, Ill.

Geraniums, strong 2-in. 1000 S. A. Nutt, $25.00 1000; 1000 Mme. Salleroi, $20.00 1000.
Jas. C. Murray, Peoria, Ill.

Geraniums, Nutt and Buchner, 2-in., 2c, $18.00 per 1000; 2½-in., 2½c, $23.00 per 1000.
Cherry Park Gardens, Fredonia, N. Y.

Geranium Mme. Salleroi, 2½-in. stock, $3.00 per 100; $25.00 per 1000.
Holton & Hunkel Co., Milwaukee, Wis.

Geraniums. 2000 extra strong 2¼-in. S. A. Nutt, $20.00 per 1000.
Arthur Harbison, Harrodsburg, Ky.

Double Gen. Grant and Buchner, out of 2 and 2½-in. pots, strong stock, $2.00 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

Mme. Salleroi, good, strong, rooted cuttings, $1.00 per 100; $8.50 per 1000. Cash.
Henry Swaby, St. Charles, Ill.

Geraniums, ready March 25th. Ricard and Poitevine, $14.00 per 1000.
Albert M. Herr, Lancaster, Pa.

Mme. Salleroi R. C., $1.00 per 100, $9.00 per 1000; 2-in., $2.00 per 100, $18.00 per 1000.
Krueger Bros., Toledo, O.

2000 S. A. Nutt and 1000 La Favorite geraniums, strong 2½-in., ready for shift, $23.00 per 1000. Cash. P. N. Obertin, Kenosha, Wis.

Ivy geraniums, mixed, fine plants, $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

Geranium Mme. Salleroi, 2-in., $2.00 per 100; $18.00 per 1000. J. L. Johnson, De Kalb, Ill.

Mme. Salleroi, ready for shift, 2-in., $2.00 per 100. Thos. Salveson, Petersburg, Ill.

Geranium rooted cuttings all booked until 15th of February. Fred W. Ritchy Lancaster, Pa.

S. A. Nutt geraniums, 2½-in., $2.50 100.
Erie Floral Co., Erie, Pa.

Mme. Salleroi, to close out, fine 2-in., 2c.
McAdams Seed Co., Columbus Grove, O.

Geranium, Rose, ready for 4-in., 3¼c.
V. Russell Fort, Knightstown, Ind.

Rooted geranium cuttings, $2.00 per 100; not rooted, $1.00. Austin Floral Co., Austin, Texas.

GLADIOLI.

Independence, a very pleasing pink, fine for cut flowers, 1¼-in. and up, $10.00 per 1000; 1 to 1¼-in., $9.00 per 1000. Pink mixture, consisting mostly of Independence and Mrs. Francis King, 1½-in. and up, $12.00 per 1000; 1¼ to 1½-in., $10.00 per 1000; 1 to 1¼-in., $9.00 per 1000. These are all plump bulbs and are a bargain at these prices.
W. E. Kirchhoff Co., Pembroke, N. Y.

The FLORISTS' MANUAL, by Wm. Scott. A practical guide for the florist, covering the successful management of all the usual florists' plants; including many topics, such as Greenhouse Building, Heating and Floral Decorating, etc. Written so you can understand it and profit by its guidance. Fully illustrated. Price, $5.00 a copy, carriage charges prepaid.
Florists' Publishing C., Caxton Bldg., Chicago.

Gladioli, American, Augusta, Pink Augusta, Mrs. Francis King, Brenchleyensis, Mme. Monneret, Klondyke, Taconic, Rosella, Scarsdale, La Pactole, 1900, White and Light, Groff's mixture, etc. Large, strong, healthy bulbs, also bulblets. Write us for prices.
Franklin Nursery, Sta. F, Minneapolis, Minn.

Gladioli. Europa, the finest white in existence, $2.50 each. Pres. Taft, Jean Dieulafay, Alice Carey, No. 312, Independence and Silver Trophy Sec. 2 mixtures; also bulblets of America, King, Klondyke, etc.
G. B. Babcock, R. D. 80, Jamestown, N. Y.

Gladiolus. Alice Carey, best commercial white, No. 1, $5.00 per 100; $40.00 per 1000. Golden Nugget, fine glistening yellow, $6.00 per 100; $50.00 per 1000.
E. Y. Teas & Son, Centerville, Ind.

Gladioli. Augusta, May, Ceres, Brenchleyensis, De Cheville, Easter, George Paul, Pres. Taft, Mme. Monneret, Baron Jules Hulot, mixtures, etc. Send for list.
Steven's Gladioli Co., Saginaw, W. S., Mich.

Gladioli. America, first size, $35.00 per 1000; second size, $20.00 per 1000. White Lady, the only pure white in commerce, first size only, $12.00 per 100. Cash.
Haentze Co., Fond du Lac, Wis.

GLADIOLUS—Augusta, Independence, Mme. Monneret, Mrs. Francis King, Taconic, etc., at special prices in first size; also bulblets.
NATIONAL CO-OPERATIVE SHOW GARDENS, Box 1200. Spencer, Ind.

We want planting stock and bulblets of Augusta and other standard sorts.
W. K. Fletcher Bulb & Floral Co.,
Route 5, Des Moines, Ia.

Gladioli. See display adv. in this issue.
E. E. Stewart, Rives Junction, Mich.

GREVILLEAS.

Grevilleas, 4 and 5-in., 20c.
Anderson Floral Co., Anderson, S. C.

HARDY PLANTS.

German iris, 10 varieties, $2.00 per 100, $18.00 per 1000; mixed, $1.50 per 100. Japan iris, $10.00 per 100. Funkia coerulea, $3.50 per 100. Hemerocallis fulva and flore pleno, $3.00 per 100. Oriental poppies, $5.00 per 100.
H. H. Kern, Banner Springs, Kan.

HELIOTROPES.

Heliotropes, 2-in. Mme. Bruant, the finest dwarf; and Centifleur, $3.00 per 100. La Duse and white, $2.50 per 100. Rooted cuttings ready Feb. 20: Mme. Bruant and Centifleur, $1.50 per 100. La Duse and white, $1.25 per 100.
N. O. Caswell, Delavan, Ill.

Heliotrope rooted cuttings, 70c per 100; $6.00 per 1000; by mail, 10c per 100 extra; 2¼-in., $2.00 per 100, $18.00 per 1000. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Heliotropes, extra fine; 2¼-in. pots, $2.00 per 100; 1¾-in. pots, $1.50 per 100. Cash, please.
J. E. Felthausen,
154 Van Vraken, Schenectady, N. Y.

HELIOTROPES—Continued.

Heliotropes, fine, 2-in. pots, $1.75 per 100; $17.00 per 1000. Cash.
Geo. A. Relyea, Poughkeepsie, N. Y.

Heliotropes, dark; good stock. Strong and well-rooted cuttings, 75c 100; $6.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Heliotropes. Czar, Czarina, Jersey Beauty, etc., $2.50 per 100.
Storrs & Harrison Co., Painesville, O.

Heliotropes, blue. R. C., 60c; 2-in., $1.35 100. Cash. E. W. Byer, Shippensburg, Pa.

Heliotrope, dark, 2-in., 2c.
U. G. Harglerode, Shippensburg, Pa.

Heliotrope, rooted cuttings, 70c per 100; 2¼-in. pots, 2c. C. H. Jacobs, Westfield, Mass.

HYDRANGEAS.

HYDRANGEA ARBORESCENS GRANDIFLORA, fine nursery grown plants, 15 to 20-in., $7.00 per 100; $60.00 per 1000. Plants, nursery grown, well rooted, 8 to 12-in., $4.00 per 100; $35.00 per 1000.
E. Y. Teas & Son, Centerville, Ind.

Hydrangea Otaksa, 2½-in., strong, dormant, 8c; 5-in., 25c; 6-in., 35c. Fine plants.
Cottage Greenhouses, Litchfield, Ill.

Hydrangea Otaksa, 1-year-old, field-grown, $10.00 per 100.
Fred Boerner, Cape May City, N. J.

Hydrangea Otaksa, dormant, 4-in., $15.00 per 100; 5-in., $25.00 per 100.
D. U. Augspurger & Sons Co., Peoria, Ill.

Hydrangea Otaksa, 5-in., 15c; 6-in., 25c; field-grown, with one crown, 6c.
Baur Floral Co., Erie, Pa.

Hydrangea Otaksa, 7 to 10-in.; write for prices. Jacob Russler, Morgan Park, Ill.

IMPATIENS.

1000 Impatiens Sultani, ready for 4-in. pots, large and bushy, fine, strong, clean plants, 5c; $45.00 for the lot. I need the room. Cash.
C. W. Harrold, Decatur, Ill.

Impatiens Sultani rooted cuttings, $1.00 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

Impatiens Holstii R. C., strong, $1.00 per 100.
Krueger Bros., Toledo, O.

Impatiens Sultani, red. Strong R. C., $1.00 per 100. Cash. J. P. Siebold, Lancaster, Pa.

IVIES.

English ivy rooted cuttings, 6 to 10 in., $1.50 per 100; $10.00 per 1000. Clematis paniculata, 2-yr., 7c; 3-yr., 8c. Ampelopsis Veitchii, 1-yr., 4c; 2-yr., 8c; 3-yr., 12c. All field plants and long live tops. GET MY LIST.
Benj. Connell, Florist, Merchantville, N. J.

German ivy. R. C., 50c per 100, mailing 10c; 2¼-in., 2½c.
English ivy, 2½-in., 4c; R. C., $1.00 100, $9.00 1000.
Kenilworth ivy R. C., 50c 100; 2-in., 2c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

English ivy, 3-in., fine stock, large leaved, $5.00 per 100; rooted cuttings from flats, strong, $1.25 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

4000 hardy English ivy out of 3-in. pots, 10 to 15 in. long, average 2 plants to the pot, $5.00 per 100. Cash with order, please.
S. V. Smith, Roy and Goodman, Philadelphia, Pa.

An offer of your surplus stock, carried in THE REVIEW'S classified department for a week or two, will be seen by nearly every buyer in the trade.

Ivy rooted cuttings. German, 60c 100. Kenilworth, 60c 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

4000 English ivy rooted cuttings, $1.00 per 100; $10.00 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

English ivy, strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.
Storrs & Harrison Co., Painesville, O.

Ivy, German, 60c; English, 75c; prepaid English, 2½-in., $3.00.
Chas. Frost, Kenilworth, N. J.

English ivy, strong 4-in. stock, excellent for spring sales, $8.00 per 100.
Wm. Eschrich Co., North Milwaukee, Wis.

German ivy rooted cuttings, 60c postpaid; 2½-in., $2.00 and $2.50 100.
C. H. Jacobs, Westfield, Mass.

German ivy rooted cuttings, 60c per 100; $5.00 per 1000. Henry Dornbusch, R. R. 2, Dayton, O.

English ivy R. C., $1.00 per 100.
John Irvine & Sons, Bay City, Mich.

German ivy R. C., 60c per 100.
John Irvine & Sons, Bay City, Mich.

English ivy rooted cuttings, $1.00 per 100.
R. S. Hoxie, Mattapoisett, Mass.

English ivy, out of 4-in., 3 to 4 ft., fine, $8.00 per 100. J. C. Schmidt, Bristol, Pa.

German ivy, strong, well rooted, 75c 100.
Hopkins & Hopkins, Chepachet, R. I.

English ivy, nice 2½-in. plants, cut back once, $3.00 per 100. Krueger Bros., Toledo, O.

English ivy, strong, 2½-in. pots, $3.50 per 100; $30.00 per 1000. Thos. Salveson, Petersburg, Ill.

LANTANAS.

3000 lantana rooted cuttings, 8 varieties, $1.50 per 100; $12.50 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Lantanas, 8 varieties, 2-in., 2½c; R. C., $1.50 100 prepaid. A. J. Baldwin, Newark, O.

Lantanas, 8 vars., strong, thrifty, 2-in., $2.00 per 100. Wingert & Ulery, Springfield, O.

LILY OF THE VALLEY.

Lilies of the valley. Bruns' Celebrated Chicago Market brand, finest in existence, $2.00 per 100; $17.00 per 1000. Bruns' Early Forcing Valley, florists' moneymaker, $1.75 per 100; $15.00 per 1000.
H. N. Bruns, 3038 W. Madison St., Chicago.

LOBELIAS.

Lobelia Kathleen Mallard, the new double. I have 50,000 extra large and well rooted cuttings, transplanted into soil, and if you want good, clean, healthy stocks for spring trade, order now. Well packed to stand any weather; satisfaction guaranteed. 65c per 100, by mail; $4.50 per 1000, by express.
S. A. Pinkstone, York & Hickory, Utica, N. Y.

Lobelia Kathleen Mallard, the new double. We have an immense stock of well rooted cuttings, transplanted in soil last October and kept growing on, 50c per 100 by mail; $4.00 per 1000 by express. 500 at 1000 rate.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Lobelia R. C. Kathleen Mallard (best florists' double), 50c per 100; Crystal Palace (best single), 50c per 100, mailing 10c; 2¼-in., 2½c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Lobelia Kathleen Mallard, extra fine 2-in., $2.00 per 100.
John F. Rupp, Shiremanstown, Pa.

LUPINES.

LUPINES FOR EASTER. For the past season I have done more or less experimenting with lupines and the more I grow them, the more I think of them; I believe they can be made to return $1.00 per square foot, or more, per season. I haven't the space in this adv. to tell you all about them, but my new method of growing them is free to all who wish to try them. The plants I now offer should bloom for Easter. Each color separate, assorted, $1.00 100; $9.00 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

MOONVINES.

10,000 white moonvine rooted cuttings, extra fine and clean, $1.50 per 100; $15.00 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Moonvines, strong plants, 4c.
Levant Cole, Battle Creek, Mich.

MOSCHOSMAS.

Moschosmas, strong, well shaped, fine 4-in. stock plants, 10c each. Cash.
The Newburys, Mitchell, S. D.

NURSERY STOCK.

NURSERY STOCK.

Size	100	500	Car lots
Elm ...6-8	$0.08 ea.	$0.07½ ea.	$0.07 ea.
Elm ...8-10	.15 ea.	.14 ea.	.13 ea.
Elm ...1½-in. cal.	.23 ea.	.22 ea.	.20 ea.
Elm ...2-in. cal.	.30 ea.	.28 ea.	.25 ea.
Maple ..6-8	.07 ea.	.06½ ea.	.06 ea.
Maple ..8-10	.11 ea.	.10 ea.	.09 ea.
Maple ..1½-in. cal.	.18 ea.	.17 ea.	.16 ea.
Maple ..2-in. cal.	.25 ea.	.24 ea.	.23 ea.
Box Elder...6-8	.08 ea.	.07½ ea.	.07 ea.
Box Elder...8-10	.12 ea.	.10 ea.	.09 ea.
White Birch.2½-in. cal.	.50 ea.		
White Birch.3-in. cal.	.65 ea.		
Honey Locust.2-in. cal.	.90 ea.		
Honey Locust.2½-in. cal.	1.00 ea.		
Colorado Blue Spruce 3-4 ft.,	2.00 ea.		

This stock is A No. 1 every way and is standing in the nursery now. It is on leased ground and must be moved this spring. Packing at cost on less than carload lots; no packing charges on carloads. Can ship any time after April 5.
The Newburys, Mitchell, S. D.

$1.00 FOR AN ORCHARD.
2 cherry, 3-4 ft., 1 E. Richmond, 1 Montmorency.
2 plum, 4-5 ft., 1 Bradshaw, 1 Lombard.
2 pear, 4-5 ft., 1 Early Harvest, 1 Duchess.
2 apple, 4-5 ft., 1 early variety, 1 late variety.
2 peach, 3-4 ft., 1 early variety, 1 late variety.
We hope to get a start with you in this way. If you want more or different trees, send list for prices. Wooster Nursery Co., Wooster, O.

Purple lilac, 4 to 5 ft., 7c.
Philadelphus grandiflora, 4 to 5 ft., 7c.
Philadelphus coronarius, 4 to 5 ft., 7c.
Prunus triloba, 2 to 3 ft., 10c.
Flowering almond, 2 to 3 ft., 10c.
J. W. McNary, Dayton, O.

American elm, choice, 8 to 10 ft., 1¼ to 1½ in., 20c.
Horse chestnut, 6 ft. and upward, 30c.
Sugar maple, 8 to 10 ft., 1¼ to 1½ ft., 30c.
Sycamore leaved maple, 8 to 10 ft., 30c.
Oriental plane, 10 to 12 ft., 20c.
J. W. McNary, Dayton, O.

900 white snowberry, 2½ to 3½ ft....$6.00 100
1500 golden willow, 3 to 4 ft..... 5.00 100
800 buckthorn, 4 to 5 ft..... 6.00 100
1900 S. Van Houttei, 2½ to 3½ ft..... 6.00 100
Henry Lake Sons Co., Nurserymen,
Black River Falls, Wisconsin.

Nursery stock. Shade trees, fruit trees, shrubs, roses and peonies.
Onarga Nursery Co., Onarga, Ill.

A fine lot of leaf mould, $1.50 per sack. Laurel, redwood, manzanita, D. spruce, toyon berry (or Christmas berry), woodwardia ferns, any at $25.00 per 100.
Paine & Edmondson, Los Gatos, Calif.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS.
ELLWANGER & BARRY, ROCHESTER, N. Y.

PALMS, ETC.

Pendanus utilus, 3-in., $10.00 per 100; 4-in., $20.00 per 100.
Cocos Weddeliana, 2½-in., $10.00 per 100.
Kentia Belmoreana, 6-in. pots, 5 to 6 leaves, 24-in. high, $1.00 each; 7-in. pots, 6 leaves, 24 to 26 in. high, $1.50 each.
Kentia Forsteriana, 7-in. pots, 40 to 44 in. high,, 5 to 6 leaves, $2.50 each; 8-in. pots, 44 to 48 in. high, 5 to 6 leaves, $3.50 each.
Storrs & Harrison Co., Painesville, O.

Kentia Belmoreana from 2¼-in. pots, 3 leaves, $6.00 per 100; $55.00 per 1000. Cash or satisfactory references with order.
B. Soltau Fernery,
199 Grant Ave., Jersey City, N. J.

Pandanus Veitchii, 3-in. pots, $10.00 per 100; 4-in., $20.00 per 100; bench-grown, 10 in. high, $10.00 per 100; 15 in. high, $15.00 per 100.
J. J. Soar, Little River, Florida.

KENTIA BELMOREANA, 2½-in. pots, 10 to 15 in. tall, 4 or more characterized leaves, $9.00 per 100, and worth the money.
Jackson & Perkins Co., Newark, New York.

Pandanus Veitchii, bench-grown plants, 10 in. high, $10.00 per 100; suckers, $4.00 per 100.
F. M. Soar, Little River, Florida.

Phoenix Roebelenii, 6-in. pots, 1 to 2 ft. high, $1.00 each; 7-in., $2.00 each.
B. M. Wichers & Co., Gretna, La.

Pandanus Veitchii, strong plants, 25c and 50c.
Levant Cole, Battle Creek, Mich.

Kentias. Big stock. Write for prices.
Holton & Hunkel Co., Milwaukee, Wis.

PANSIES.

HOME OF PANSIES.
Our strain of pansies are unsurpassed; we ship with safety to all parts of the U. S. and Canada; they are giving satisfaction everywhere, our testimonials vouch for this—we receive a new one nearly every day. Our stock of plants is large, field-grown, containing our own specials, Masterpiece, Perret, Trimardeau, blood-red, yellow, etc., all at $2.50 per 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

We originated Mastodon pansies and they have proven a marvelous success because they outclass all others. New color plate catalogue, ready in February, free to all. Fine, stocky plants, 50c per 100; $3.00 per 1000; $12.50 per 5000. Seed, 1/12 oz., $1.00; $9.00 oz.
Steele's Mastodon Pansy Gardens, Portland, Ore.

Pansies, fancy prize varieties, superb mixture as usual; large transplanted plants, $2.50 per 1000; 50c per 100.
S. Whitton, 232 Churchill Ave., Utica, N. Y.

We have over 100,000 plants of the best English strain, transplanted and grown in cold houses, large plants, $2.50 per 1000.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Pansy plants, small plants, giant flowering, $2.50 per 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Pansy plants grown from the finest giant mixtures, $3.00 per 1000. Cash with order.
Hayman Greenhouse Co., Clarksburg, W. Va.

PELARGONIUMS.

Pelargoniums, pink, 2½-in., $3.00 per 100.
Elvira Clark Visel, Chelsea, Mich.

PEONIES.

Peony edulis superba, earliest, brightest, best for Decoration day, $5.00 per 100. Special prices on larger lots. Large assortment; send for list.
F. A. Baller, Bloomington, Ill.

Peonies in any quantity. Write for prices on list of your wants.
Gilbert H. Wild, Sarcoxie, Mo.

PETUNIAS.

Petunias, double fringed. A good collection of red, variegated and other dark colors, no white—a good collection of money makers. Strong rooted cuttings, $1.00 per 100; $9.00 per 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Dreer's double petunias, selected large flowering doubles, finely fringed, mixed colors. Rooted cuttings, $1.00 100, $9.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Double fringed petunias, 15 varieties, Dreer's and other collections, 2-in., 2c. Also R. C. of double petunias.
U. G. Harglerode, Shippensburg, Pa.

Petunias, fine double fringed named varieties. R. C., 90c 100. Cash.
E. W. Byer, Shippensburg, Pa.

Dreer's double petunias, named varieties. Rooted cuttings, $1.00 per 100; $9.00 per 1000.
W. S. Nichol, Barrington, R. I.

Double petunias, R. C., 10 kinds, $1.00 per 100; 2-in., 2c. Cash.
Byer Bros., Chambersburg, Pa.

Petunias, fine 2½-in., $20.00 per 1000. Cash.
P. N. Obertin, Kenosha, Wis.

Double fringed petunias, strong 2½-in., $2.50 per 100. Krueger Bros., Toledo, O.

POINSETTIAS.

POINSETTIA STOCK PLANTS.
ONE-YEAR-OLD, TRUE STOCK.
EXTRA SELECT, $8.00 PER 100.
SECOND SIZE, $6.00 PER 100.
A. HENDERSON & CO.,
30 E. Randolph St., Chicago.

Poinsettia stock plants, nothing under 6-in. pots, very strong, $6.00 per 100 prepaid; a few extra strong 2-yr. olds, $10.00 per 100 prepaid.
Avenue Floral Co., New Orleans, La.

Poinsettia stock plants, good enough for anyone, $5.00 per 100. Cash.
The Newbury's Mitchell, S. D.

Poinsettia stock plants. 400 strong plants, $8.00 per 100. 100 small plants, $4.00 per 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Poinsettias, true stock, that produced bracts 24 in. in diameter, $6.00 per 100.
Thos. Salveson, Petersburg, Ill.

Poinsettias, dormant stock plants, pot grown, $3.00 and $5.00 100. Cash, please.
Rober & Radke, Maywood, Ill.

Poinsettias. Strong dormant stock plants, $5.00 per 100. Chas. Frueh & Sons, Saginaw, Mich.

POPPIES.

Oriental poppies, field-grown, 1912 plants, blooming size, $3.00 per 100. Orders booked now for fall delivery.
F. G. Yule, 145 N. 33 St., Lincoln, Neb.

PRIMULAS.

PRIMULAS.

3-inch	$5.00	$40.00
	100	1000
3½-inch	7.00	60.00
BABY PRIMROSE, 2-in.	2.00	18.00

Cash with order.
John Bauscher, Jr., Freeport, Ill.

Primulas. Chinese, all colors, in bud or bloom, 3-in., $5.00 per 100. Kewensis and Forbesi, 3-in., $5.00 per 100. Obconica grandiflora and gigantea, 2½-in., $3.50; 3½-in., $5.00 per 100. All in bud or bloom. Cash, only.
J. Sylvester, Florist, Oconto, Wis.

Some nice 4-in. Chinese International and Star and 4-in. Primula obconica, just in bloom, ready for immediate sale, $1.00 per doz.; $8.00 per 100.
N. O. Caswell, Delavan, Ill.

Primula obc. gigantea, rosea and Chinese, large fringed rubra, fine 3-in., 2½c. Cash.
E. W. Byer, Shippensburg, Pa.

Chinese primroses, finest fringed mixture, 2¼-in., 2½c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Primulas, Chinese and obconica, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Primula obconica grandiflora, 3-in., 5c; 4-in., 10c. M. S. Wiecking Co., Bluffton, Ind.

Primulas obconica, alba and rosea, $1.50 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Primroses. See my display adv. before you buy.
J. W. Miller, Shiremanstown, Pa.

Obconica grandiflora, 3 and 4-in., 5c.
U. G. Harglerode, Shippensburg, Pa.

Primula obconica, assorted, named, 2c. Cash.
Byer Bros., Chambersburg. Pa.

PRIVET.

CALIFORNIA PRIVET.

1-yr., 2 to 3 ft., 3 to 6 branches	$12.00	1000
2-yr., 18 to 24 in., 5 to 8 branches	12.50	1000
2-yr., 2 to 3 ft., 5 to 8 branches	15.00	1000
2-yr., 3 to 4 ft., 5 to 8 branches	20.00	1000

AMOOR RIVER PRIVET.

2 to 3 ft., well branched	$25.00	1000
3 to 4 ft., well branched	30.00	1000

Southside Nurseries, Chester, Va.

CALIFORNIA PRIVET.

6 to 12 inches	$ 4.00 per 1000
1 to 2 feet	4.50 per 1000
2 to 3 feet	12.00 per 1000
3 to 4 feet	18.00 per 1000

Oak Lawn Nursery, Huntsville, Ala.

200,000 Cal. privet, 4 to 6 branches, $12.00 per 1000. All sizes. Large stock of Ampelopsis Veitchii, Clematis paniculata, 1, 2 and 3-yr.-old, and most all other good things for florists. Get my list before you buy.
Benj. Connell, Florist, Merchantville, N. J.

California privet, extra heavy, 3 to 4 ft., $25.00 per 1000; heavy, 2 to 3 ft., $18.00 per 1000; well branched, 16 to 24 in., $12.00 per 1000. In perfect condition. Good roots and good packing.
Furrow & Co., Guthrie, Okla.

CALIFORNIA—Any quantity, size, age. Not any better grown. Write for prices on it. Fruit and ornamental trees, shrubbery, etc.
Franklin Davis Nursery Co., Baltimore, Md.

Genuine hardy Amoor River, North and hardy Ibota Privet, $1.50 per 100 and up.
Onarga Nursery Co., Onarga, Ill.

California privet. A splendid lot of fine well graded 2-yr. stock. For particulars see our display adv. Chas. Black, Highstown, N. J.

PYRETHRUMS.

Pyrethrum, double dwarf; R. C., 90c per 100.
John Irvine & Sons, Bay City, Mich.

RESURRECTION PLANTS.

Resurrection plants, cheap.
Wm. Tell, Austin, Texas.

RHODODENDRONS.

Rhododendron, special forcing varieties, 8 to 12 buds, 18 in. high, 75c each; 12 to 14 buds, 24 in. high, $1.00 each. Bright colored sorts with perfect foliage.
Storrs & Harrison Co., Painesville, O.

ROOTED CUTTINGS.

R. C., bargain prices. Alternantheras, best red and yellow, 45c. Coleus, best bedders, 50c. All per 100. Cash. See other advs for bargains.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Heliotropes, genistas, abutilons, fuchsias, 6 kinds, $1.00 per 100. Cupheas, 75c per 100. Ageratum, 4 kinds, 60c per 100. Cash with order.
Byer Bros., Chambersburg, Pa.

BUSINESS BRINGERS—
REVIEW Classified Advs.

ROOTED CUTTINGS. Send for complete list.
John Irvine & Sons, Bay City, Mich.

ROSEMARY.

Rosemary rooted cuttings, $1.50 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

ROSES.

ROSE PLANTS.

OWN ROOT, 2¼-inch—

	100	1000
Double White Killarney	$25.00	$200.00
Killarney Queen	25.00	200.00
Sunburst	30.00	250.00
Lady Hillingdon	20.00	150.00
Prince de Bulgarie (Taft)	7.50	60.00
Mrs. Aaron Ward	10.00	90.00
Double Pink Killarney	12.00	100.00
Melody	12.00	100.00
Pink Killarney	8.00	70.00
White Killarney	8.00	70.00
Maryland	8.00	70.00
Radiance	8.00	70.00
Richmond	8.00	70.00
GRAFTED, 2¼-inch—		
Double White Killarney	30.00	250.00
Killarney Queen	30.00	250.00
Sunburst	35.00	300.00
Lady Hillingdon	25.00	200.00
Prince de Bulgarie (Taft)	15.00	120.00
Mrs. Aaron Ward	20.00	150.00
Double Pink Killarney	20.00	150.00
White Killarney	15.00	125.00
Pink Killarney	15.00	125.00
Maryland	15.00	125.00
Richmond	15.00	125.00
Radiance	15.00	125.00
OWN ROOT—		
Pink Killarney, 3-in.	$10.00 per 100;	$90.00 per 1000.
American Beauty, 2½-in., fine, strong plants, quality guaranteed, March delivery,	$90.00 per 1000.	

S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

POEHLMANN BROTHERS COMPANY,
WESTERN HEADQUARTERS FOR ROSE PLANTS.

	100	1000
GRAFTED—		
Double White Killarney (Poehlmann strain)	$30.00	$250.00
Pink Killarney, 2½-in.	12.00	100.00
White Killarney, 2½-in.	12.00	100.00
Richmond, 2½-in.	12.00	100.00
Maryland, 2½-in.	12.00	100.00
Radiance, 2½-in.	14.00	120.00
Mrs. Aaron Ward, 2½-in.	14.00	120.00
Melody, 2½-in.	14.00	120.00
Antoine Rivoire, Mrs. Taft or Prince de Bulgarie, 2½-in.	14.00	120.00
Lady Hillingdon, 2½-in., limited stock only	15.00	.....
Sunburst, 2½-in.	35.00	.....
OWN ROOT—		
Pink Killarney, 2½-in.	6.00	55.00
White Killarney, 2½-in.	6.00	55.00
Maryland, 2½-in.	6.00	55.00
Richmond, 2½-in.	5.00	40.00
Antoine Rivoire, Mrs. Taft or Prince de Bulgarie, 2½-in.	8.00	70.00
Radiance, 2½-in.	8.00	.....
Melody, 2½-in.	8.00	70.00
Aaron Ward, 2½-in.	8.00	70.00
Dble. Pink Killarney, 2½-in.	8.00	70.00

Orders are now booked for April, May, June and July delivery. All goods sold for cash or 30 days on approved credit.
POEHLMANN BROS. CO.,
Morton Grove, Illinois.

SELECT ROSE PLANTS, OWN ROOTS.
From 2 and 2½-in. pots.

	100	1000
Bride	$5.00	$45.00
Maid	5.00	45.00
Pink Killarney	5.50	50.00
White Killarney	5.50	50.00
Kaiserin	5.00	45.00
Perle	5.00	45.00
Richmond	5.00	45.00

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Pleasant Hill, Missouri.

Roses, strong 2-yr.-old field-grown plants. Dorothy Perkins and Tausendschon, $10.00 and $12.50 per 100. Cli. Meteor, Cli. Soupert, Pres. Cleveland, Red Kaiserin, Duchess de Brabant, Mme. Jos. Schwartz, Etoile de France, Abel Chatenay, Wellesley, Yoone Vachet, Col. Williams, Florence Pemberton, Countess of Gosford, Wm. Sheen, Dean Hole, Rose Gubert, Muriel Graham, Safrano and Francisca Kruger, $10.00 per 100. Also pot-grown plants; for size and varieties write to
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READY NOW.
SATISFACTION GUARANTEED.

	100	1000
Richmond	$2.00	$15.00
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Fine 2-yr. bench Beauties, to flower at Easter, $10.00 per 100. Select, strong rooted Killarney, W. Killarney, Richmond, $3.00 per 100. Golden Gate, $2.00 per 100; $15.00 per 1000. Superior stuff, worth the price.
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FOR SALE.
American Beauty, Killarney, Richmond, Kaiserin, Bon Silene and Safrano; all clean, healthy stock. Write for prices.
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BRIGHTON, MASSACHUSETTS.

American Beauty, 2¼-in., $7.00 per 100; $60.00 per 1000. White Killarney, 2¼-in., $6.00 per 100; $55.00 per 1000. Kaiserin, 2¼-in., $5.00 per 100; $40.00 per 1000. American Beauty bench plants, $6.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

ROSES—Send for complete list.

American Pillar, 3-yr	$35.00	100
American Pillar, 2-yr	25.00	100
Dorothy Perkins	12.00	100
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Lady Hillingdon, 2½-in. $20.00 100; $150.00 1000
Melody, 2½-in. 12.00 100; 100.00 1000
Canadian Queen, 2½-in. 5.00 100; 40.00 1000
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Immediate delivery on own root stock, $20.00 per 100, $150.00 per 1000; grafted stock, $25.00 per 100, $200.00 per 1000.
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Roses, own root. My Maryland, Pink Killarney, White Killarney, Richmond, Perle, Bride and Bridesmaid, 2¼-in. pots, $5.00 per 100.
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40,000 own root, field-grown roses in 100 best varieties; must be sold at once. Write for low clearance price. Superior Nursery Co., 59th & Compton, Los Angeles, Calif.

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Double. Pink Killarney, 2½-in., $6.00 per 100.
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Spring price list ready; 225 varieties ready. Leedle Co., Expert Rose Growers, Springfield, O.

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Rubbers, fine 5-in. stock, 35c each.
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Salvias. Zurich, Fireball, splendens, 2-in., $2.00 per 100; $18.00 per 1000. Booking orders for rooted cuttings. New salvia, Pride of Maywood, of medium height, very bright, bearing large spikes, the finest we know of; 2-in. pots, $1.00 per doz.; $5.00 per 100.
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Salvias, splendens, Bonfire, R. C. or transpl., 90c per 100, mail 10c per 100; 2¼-in., 2c. Cash.
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Salvia Bonfire, 2-in., 2½c; R. C., prepaid, 90c 100. A. J. Baldwin, Newark, O.

Salvia Bonfire rooted cuttings, $1.00 100; $8.00 1000. E. B. Randolph, Delavan, Ill.

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I offer fresh seeds only from strong, healthy plants, exercising care in selecting, disbudding, etc. Peerless Pink, Violet King; Crego, pure white and shell-pink; Superb Late Branching, azure blue, pale lavender, deep purple, deep crimson, deep rose, rose-pink, shell-pink, pure white; Early Wonder, pure white and pink; each, 25c per trade packet; $1.00 per oz. Purity, fine for design work, 50c per trade packet. Queen of the Market, early flowering, shell-pink, pure white, bright rose, crimson, lavender, purple, 20c per trade packet, 60c per oz. All aster seed, ½ oz. at oz. rate. Prepaid by mail. Cash, please.
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New crop—Greenhouse-grown.
Per 1,000 seeds.....$ 4.00
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Greenhouse grown, $4.00 per 1000; $18.75 per 5000. Asparagus Sprengeri, greenhouse grown, $1.00 per 1000; $4.50 per 5000.
Asparagus plumosus, outside grown (ready in March), $2.00 per 1000. Write for our 1912 catalogue.
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Asparagus plumosus nanus seed, greenhouse grown, $4.00 per 1000; 5000 seeds at $3.50 per 1000; outside grown, $2.25 per 1000. 5000 for $10.00; 10,000 for $17.50. Asparagus Sprengeri, greenhouse grown, $1.00 per 1000 seeds.
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Seed packets and bags. Catalogue, clasp and commercial envelopes, printed or plain. "If it's a Spangler bag it's a good one." Estimates furnished.
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Clematis paniculata, Ampelopsis Veitchii, Berberis Thunbergii and 20 other varieties of fresh seed. List of seeds and plants free.
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Asparagus plumosus seed, Ohio grown, just picked, 50c 100; 500, $2.00; 1000, $3.50. Large amounts at lower rate.
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Hollyhocks. Pure clean seed of the Allegheny strain, $4.00 per lb. A fancy mixture. Why not grow your own plants?
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Aster seed, best quality, grown by specialists. See display adv. for right prices.
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Asparagus plumosus seed, $2.50 1000; A. Sprengeri, 75c 1000. All from my own plants.
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50,000 shamrock seedlings from flats, $1.25 per 100 prepaid, or will exchange for anything of which you have a surplus; just send it along stating your price and will forward the amount in shamrock seedlings. Rooted cuttings preferred.
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True Irish shamrocks, 2-in., $3.00 per 100. Cash.
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Shamrocks, 2½-in., 3c. Cash with order.
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Wm. Toole & Sons, Pansy Heights, Baraboo, Wis.

Irish shamrocks. See display adv.
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Smilax, fine crop, ready to cut, 5-ft. strings, $1.50 doz.; $10.00 per 100. Geo. M. Kellogg Flower & Plant Co., Pleasant Hill, Mo.

Smilax, strong 2½-in., $2.00 per 100.
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Snapdragon, florists' giant white, pink, yellow, orange, red, bronze. Strong R. C., $1.00 per 100, $9.00 per 1000; mail 10c per 100; 2¼-in., 2c. Cash.
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Snapdragon, soft rose-pink, continuous bloomer, tall and a fine seller in the Boston market. Rooted cuttings, $2.00 per 100, $18.00 per 1000.
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Snapdragons, large flowering, 3-in. stock, $4.00 per 100.
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Snapdragons, giant flowering, white, pink, red and yellow. Fine 2½-in. plants, $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

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Snapdragons, newest giant white and shell pink, $2.50 per 100. Strong plants, extra fine.
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Abutilons, 2-in.; achyranthes, R. C. and 2-in.; ageratums, R. C. and 2-in.; alternantheras, 2-in.; alyssum, single and double, R. C. and 2-in.; asters, 2-in.; begonias, tuberous rooted, 3½-in.; begonias, flowering, R. C. and 2½-in; browallias, 2-in.; caladiums, fancy leaved, 2½-in.; cannas, 3-in.; carnations, R. C., 2½ and 3-in.; centaureas, 2-in.; chrysanthemums, R. C. and 2½-in.; cobæas, 2-in.; coleus, R. C. and 2-in.; cupheas, 2-in.; daisies, white and yellow, R. C., 2, 3 and 4-in.; feverfew, R. C., 2 and 3-in.; fuchsias, R. C., 2 and 3-in.; geraniums, R. C., 2½, 3 and 4-in.; grevilleas, 2½-in.; heliotropes, white and blue, R. C. and 2-in.; impatiens, R. C. and 2½-in.; ivies, German and English, R. C., 2 and 3-in.; lantanas, R. C. and 2-in.; lobelias, 2-in.; moonvines, R. C., 2 and 3-in.; petunias, 2 and 3-in.; pyrethrums, 2-in.; salvias, R. C., 2 and 3-in.; santolinas, R. C. and 2-in.; snapdragons, 2 and 3-in.; stocks, 2-in.; thunbergias, 2-in.; verbenas, lemon, 2 and 3-in.; verbenas, R. C. and 2-in.; vincas, 3, 4 and 5-in. Order from Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

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Stocks, 2½-in., in pink, lavender, crimson and white winter flowering Nice, $2.00 per 100, 300 for $5.00. J. C. Schmidt, Bristol, Pa.

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Stevia rooted cuttings, $1.50 per 100. Cash.
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Fall bearing strawberry plants, best varieties. Descriptive catalogue free.
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Swainsona alba, 2½-in., $4.00 per 100.
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Swainsona alba, white; R. C., $1.00 per 100.
John Irvine & Sons, Bay City, Mich.

Swainsona alba R. C., $1.00 per 100; 2½-in., 3c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

TRADESCANTIAS.

TRADESCANTIAS. 10,000 Wandering Jew R. C., tricolor and green, 60c per 100, $5.00 per 1000; 2½-in., 2c. Cash. Mailing 10c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Tradescantias, tricolor and green, strong, 2-in., 1¼c.
Davis Ave. Greenhouses, Pass Christian, Miss.

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Tuberoses. Armstrong's Everblooming, $12.50 per 1000; small bulbs, $5.00 1000.
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Mexican tuberose bulbs, blooming size, $1.00 per 100; $7.50 per 1000. Cash or C. O. D.
E. J. Sheffield, Alvin, Texas.

UMBRELLA PLANTS.

Cyperus alternifolius (umbrella plant), 500 2½-in., 3c; 500 3½-in., 5c; 400 4½-in., 7c.
Meredith Flower & Vegetable Co.,
Libertyville, Ill.

Cyperus (umbrella plants), 2-in. pots, $2.00 per 100. John Irvine & Sons, Bay City, Mich.

VEGETABLE PLANTS.

Write to James Ray Geraty, Yonges Island, S. C., to explain how to get a selection of cabbage plants, strawberry plants, asparagus roots and 16 varieties of seed free and make $1.40 for yourself. A very attractive and profitable proposition to every one owning a garden, merchants or farmers.

Write to James Ray Geraty, Yonges Island, S. C., to explain how to get 3000 frost-proof cabbage plants for $1.00. A very attractive and profitable proposition to merchants, farmers and every one owning a garden.

Tomato plants, June Pink, 2½-in. pots, 2c; transplanted, 1½c. These are very good. Orders booked for May, $1.50 1000.
Washington Bulb Co., Washington, D. C.

Grand Rapids lettuce plants, transplanted, $2.00 per 1000; out of seed bed, $1.00 per 1000. Cash, please.
Restland Floral Co., Mendota, Ill.

Tomato plants for forcing. Sutton's Best of All, from flats, transplanted once, $1.00 per 100; 3-in. pots, $2.00 per 100.
Addems, Morgan & Co., Paxton, Ill.

20,000 Grand Rapids lettuce plants, transplanted, $2.00 per 1000; 5000 for $8.00.
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RHUBARB. Extra large clumps for forcing, 20c each.
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50,000 good, strong Grand Rapids lettuce plants from seed bed, $1.00 1000. Cash.
Frank M. Smith Greenhouses, Dansville, N. Y.

Grand Rapids lettuce plants, fine stock, $1.00 per 1000. Dwight Greenhouses, Dwight, Ill.

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Verbenas. Our selection of rooted cuttings, 75c per 100, $6.00 per 1000; plants, 2¼-in., $2.50 per 100; $20.00 per 1000. Purchaser's selection, rooted cuttings, 90c per 100, $8.00 per 1000; plants, $3.00 per 100; $25.00 per 1000. NEW VARIETIES, cuttings, $1.00 per 100; plants, $4.00 per 100.
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Lemon verbena rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

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Vinca variegata, exceptionally strong, pot grown. We have too many so will sacrifice to reduce stock. 2¼-in., 2c; 3-in., 5c; 5-in., 10c. The 5-in., are so very strong that they can stand division of roots. These are just right for shipping now and are very heavy rooted with medium vines. Cash.
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Vincas, green and variegated. Strong plants, 2½-in., $40.00 1000; 3-in., $50.00 1000. The above were field-grown plants, potted up last fall. You will be pleased with this stock.
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Vinca variegata from 2-in. pots, 2 to 4 leads, $2.00 per 100; 3-in., 4 to 7 leads, $5.00 per 100. Cash or satisfactory reference.
C. F. Mahan, R. D. 8, Dayton, O.

Vinca variegata rooted cuttings, $1.00 per 100; $9.00 per 1000 prepaid.
J. L. Johnson, De Kalb, Ill.

Vinca minor, hardy periwinkle, well rooted layers, $1.50 per 100; $10.00 per 1000.
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Vinca variegata, 2½-in., 3c; 4-in., 5 to 10 leads, 8c, 10 to 15 leads, 10c. Cash.
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Vinca variegata, strong 2-in. stock, $2.00 per 100; $18.00 per 1000.
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Vincas, green. Strong potted plants, 2-in., $2.00 per 100; $18.00 per 1000. Cash, please.
H. G. Norton, Perry, Lake Co., Ohio.

Vinca variegata, 4-in. pots, strong plants, extra long vines, $10.00 per 100; $80.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Vinca var., fine, stocky, well established plants, 4-in., 6c; 3-in., 5c; 2-in., 2c. Strictly cash.
Wingert & Ulery, Maiden Lane, Springfield, O.

2000 Vinca var., good 2½-in. pots, $2.50 per 100. E. V. B. Felthausen, 184 Van Vraken, Schenectady, N. Y.

Vinca variegata. Strong rooted cuttings, 90c per 100; $8.00 per 1000. Cash with order.
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Vinca green. Strong R. C., 90c per 100, $8.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Strong Vinca variegata clumps in 3½ and 4-in. pots, $5.00 and $6.00 per 100. Cash.
Russell Bros., R. 4, Syracuse, N. Y.

Vinca variegata, 4-in., strong, long vines, $8.00 per 100; rooted cuttings, strong, from flats, $1.00 per 100. Wm. Schwan & Son, Fredonia, N. Y.

Vinca variegata, in 2½-in. pots, good, stocky plants, ready for 3½-in., $3.00 100; $25.00 1000. Cash, please. John R. Mitchell, Madison, N. J.

Vinca var., extra heavy, 4-in., $6.00 per 100.
Van Antwerp & Finger, R. 1, Syracuse, N. Y.

Vinca variegata R. C., 90c per 100.
John Irvine & Sons, Bay City, Mich.

Vinca variegata R. C., 90c 100; $8.00 1000. Cash. Byer Bros., Chambersburg, Pa.

VIOLETS.

Violets, hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000. Also Swanley White, $3.00 per 100.
Storrs & Harrison Co., Painesville, O.

3000 California and 1000 Princess of Wales violets from 3-in. pots, very strong, for spring planting, $4.00 per 100.
Ellsworth Greenhouses, Grand Island, Neb.

Violet Princess of Wales rooted runners, $1.00 100; $9.00 1000. J. A. Burns, Frankford Ave., Holmesburg, Philadelphia, Pa.

Marie Louise violet blooms, $1.00 per 100; $7.50 per 1000. Cash with order, please.
C. Lawritzen, Box 261, Rhinebeck, N. Y.

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PLANTS READY FOR THE MARKET.
15,000 petunias, 2 and 2½-in., 2c. 500 fuchsias, 2½-in., 3½c. 500 shamrocks, 2-in., 2¾c. 1000 achyranthes, 2½-in., 2¼c. 800 A. Sprengeri, 4-in., 5c. 1500 heliotropes, 2½-in., 2½c. 1000 heliotrope rooted cuttings, in the sand, 1c. 1000 ageratums, blue, 2½-in., 2c. 500 lantanas, 2½-in., 2c. 500 cupheas, in the sand, $.007. 16,000 chrysanthemums, in the sand, 1c. 1000 stevias, in the sand, 1¼c. 1000 salvias, 2-in., 2c. 3000 Mme. Salleroi, 2½-in., 2c. 100 fine Boston and Piersoni ferns, 6-in., 40c each.
Mercer Floral Co., Bowling Green, O.

Mme. Salleroi, 2¼-in., 2¼c. Asparagus Sprengeri, 2¼-in., 2c. Cinerarias, choice mixed, 3-in., ready for 4-in., 4c. Marguerite daisies, white, 2¼-in., 2c; 2½-in., extra strong, 3c. Coleus, choice mixed, 2¼-in., 2c. Coleus Crescent, fine variety, 2¼-in., 2c; rooted cuttings, 60c per 100. Petunias, best double, pink, red and variegated, 2¼-in., 3½c. Feverfew, dbl. white, 2¼-in., 2c. Guaranteed fine plants. Cash.
Hammerschmidt & Clark, Medina, O.

Single tuberose bulbs, $2.00 per bushel, just as dug from field. Japanese iris, white, $3.00 per 100. Dorothy Perkins rose, large plants, 5 ft. canes, $8.00 per 100. Wakefield cabbage plants, $2.00 per 1000. 5000 California privet, 3-yr.-old, 6 ft., fine. No reasonable offer refused. Also have Allegany hollyhocks, separate colors, June sown, fine plants, $1.50 per 100.
A. H. Dailey, Knoxville, Tenn.

200 cyclamen, 3-in., 5 to 10 leaves, 8c. 100 Dracaena indivisa, 3-in., 5c. 31 large cinerarias, 6-in., 15c. 100 Godfrey callas, 4-in., 8c.
G. E. Kopper, Box 63, R. D., Schenectady, N. Y.

POT PLANTS. Send for complete list.
John Irvine & Sons, Bay City, Mich.

TO EXCHANGE.

To Exchange—Rooted carnation cuttings—

Alma Ward	$4.00 100;	$30.00 1000
Enchantress	3.50 100;	25.00 1000
White Enchantress	3.50 100;	25.00 1000
R. P. Enchantress	3.50 100;	25.00 1000
Beacon	3.50 100;	25.00 1000
Winsor	2.50 100;	20.00 1000

Or will exchange for pink geraniums from 2-in. pots or chrysanthemum cuttings.
Warwick Greenhouses, Warwick Neck, R. I.

To Exchange—R. C. of Enchantress, May Day, Scarlet Glow and White Perfection, also rose plants, both field and pot grown, summer propagated, including such varieties as Lady Hillingdon, Ward and the Killarneys (write for list), for 3½, 4, 5 and 6-in. Boston, Whitmani, Scottii, Elegantissima or any other plume ferns.
Rosemont Gardens, Montgomery, Ala.

To Exchange—40 ficus, 4 and 5-in., 25c and 35c; 300 alternantheras, best red, August propagation, $1.00 per 100, for Gladiolus America, Pink Augusta, Francis King; carnation rooted cuttings, White Enchantress and White Wonder or Asparagus Sprengeri, 2-in.
C. K. Hoffmeyer, Carnegie, Pa.

The FLORISTS' MANUAL, by Wm. Scott, covers the whole field of commercial floriculture. Articles are arranged alphabetically so that reference is quick and easy. Price, $5.00 carriage charges prepaid. Send in your order now.
Florists' Pub. Co., Caxton Bldg., Chicago.

To Exchange—Mrs. F. Sander daisy, 3-in., 6c; Dracaena indivisa, 2-in., 2½c; Robt. Green pelargoniums, 2¼-in., 5c, for rooted cuttings of Victory, White Wonder, W. Enchantress or Beacon; Asparagus plumosus, 2-in., or 2-in. geraniums.
Johnson Floral Co., Kendallville, Ind.

To Exchange—Chrysanthemum rooted cuttings of the following: Monrovia, Bonnaffon, Enguehard, C. Touset, Oct. Frost and Gloria, $1.00 per 100; $8.00 per 1000, for salvias, rooted cuttings and 2-in. J. H. Milnor Sons & Co., Ada, O.

To Exchange—Carnation rooted cuttings, Lawson-Enchantress, for rooted cuttings of Rose-pink Enchantress carnations and Golden Glow and Pacific Supreme chrysanthemums.
G. F. Lippold, Cumberland, Md.

To Exchange—Fine plants, 2½-in. pots, of geraniums, Double White and Paumpack, double cerise pink, for rooted cuttings of Enchantress or Rose-pink Enchantress.
Myers & Co., Bluffton, Ind.

To Exchange—Enchantress carnations, 2¼-in., cool grown, healthy stock, $3.00 per 100, for White Enchantress, 2¼-in. or rooted cuttings, or 3-in. Vinca var. Wm. Krieger, Lansing, Mich.

To Exchange—2000 to 3000 assorted ferns, 2½ and 3-in., Boston and Elegantissima, for single geraniums or small Vinca variegata, 2¼-in. or R. C. W. H. Reeser, Urbana, O.

To Exchange—Fuchsias, 2-in., best market varieties, $2.00 per 100, for Geranium Mme. Salleroi, Begonia Vernon and cannas.
John Irvine & Sons, Bay City, Mich.

To Exchange—Nice Godfrey callas, in flats, for heliotropes, geraniums, gladioli or anything I can use in soft wooded stock. Write me what you have. B. F. Hensley, Knightstown, Ind.

To Exchange—A 4-in. syphon for a trap or plants. Krueger Bros., Toledo, O.

WANTED.

Wanted—Rooted carnation cuttings. We can use for our catalogue trade large lots of carnations in the standard varieties. We shall be pleased to receive quotations from any grower having a surplus to dispose of at a price he does not wish the general trade to know.
J. W. Vestal & Son, Little Rock, Ark.

Wanted—1000 each Maryland, Jardine and Kaiserin, either two year old or extra strong one year, for immediate shipment.
Hiawatha Gardens Co., Minneapolis, Minn.

Wanted—1000 Catalpa speciosa, 3 to 5 ft., shrubs, perennials.
Tappan Flower Gardens, Tappan, N. Y.

Wanted—500 Geranium Jacquerie, single crimson, any size and any part. State how many and price. W. H. Reeser, Urbana, O.

Wanted—List and price of single geraniums.
Roney Bros., West Grove, Pa.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 50c per 1000 postage paid.
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Pillsbury's carnation staples, 50c per 1000. Postpaid. I. L. Pillsbury, Galesburg, Ill.

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COAL
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Greenhouse Heating.

PRACTICALLY everyone in the coal business is looking for a suspension of mining March 31, when the mine operators' contracts with the miners' union will expire both east and west. Under the circumstances the wise florist will fill up his bins while he can.

COST OF FUEL—A COMPARISON.

Regarding F. B.'s communication in The Review of February 15, page 92, under the head of "Burns Too Much Coal," does it not seem probable that F. B. installed an old, discarded boiler, to save first cost, and relied on incompetent advice as to radiation? While the first cost of hot water heating with an up-to-date boiler is more than for steam, he would have just about saved the difference by this time if he had chosen the right outfit. As is stated in the answer to his inquiry, he has burned at least twice the necessary amount of coal, and this does not take into account the sitting up every night to shovel it in, which calls for an extra man to do it.

This case interests us particularly, as the houses are almost identical with ours, except that we have 300 more square feet of surface covered. We burned last year about $225 worth of coal, and this year, in spite of the bitterly cold weather, we expect to cut this about $25, though we have maintained a higher temperature than has F. B. About three weeks of this winter one man stayed awake to do the firing, not so much from necessity of frequent firing, but as a safeguard against letting the fire get too low. And while we did this, as every greenhouse man knows, growth was practically at a standstill on account of the severe weather and there was not the usual amount of work to do in the daytime; hence we were not out a dollar for extra help, having put the man on at night instead of in the daytime. Now that the weather has moderated, we are able to do this firing by setting the alarm and getting up once or twice, as the occasion requires. Our houses are on an elevation and exposed to every wind that blows.

We think that F. B. would have saved many good dollars had he spent a few before building, in visiting some one, two or three places of about the same size as those he was planning to build. J. E. Hitz.

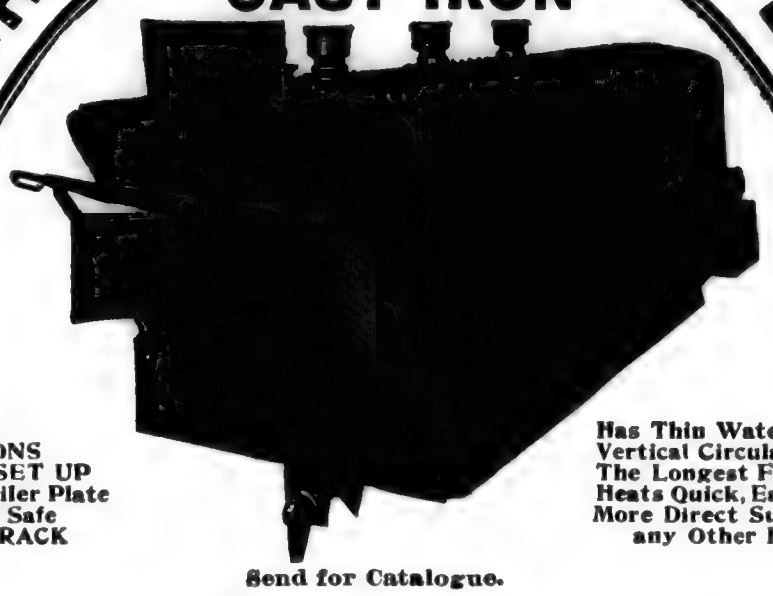
HEAT FOR BEDDING PLANTS.

What is the best way to pipe my new house, 14 x 60 and eleven feet to the ridge? I have a 2½-inch pipe for the flow and some 2-inch pipes for the returns. Will three returns under each side bench be sufficient for growing bedding plants and mums? I am located in southeastern Pennsylvania.

B. J. P.

The letter does not give an exact idea of the temperature needed, as some bedding plants can be grown at 50 degrees, while others should have a temperature of 60 or more degrees. The side walls are presumably five or six feet high, but the inquiry does not state whether they contain any glass or not. If the house is well built and has no glass in the walls, it will be

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EASY TO SET UP
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The **No. 4 Kroeschell Boiler** is heating 10,000 sq. ft. of glass—it would take care of 13,000 sq. ft. easy. Have no trouble to keep temperature of 50 and 60 degrees in coldest weather. The **Kroeschell Boiler** has given perfect satisfaction. We had two **cast iron boilers** which never did the work at their best, when the greenhouses were new. According to our experience with the **Kroeschell**, we will save 20 to 25 per cent of fuel. HILD BROS., Lake Forest, Ill.

KROESCHELL BROS. CO., 444 W. Erie St., CHICAGO

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Made by
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Are noted for coal economy and good results generally
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Geo. B. Limbert & Co.
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For Prices on
Genuine Wrought Iron Pipe
Ask For Catalogue.

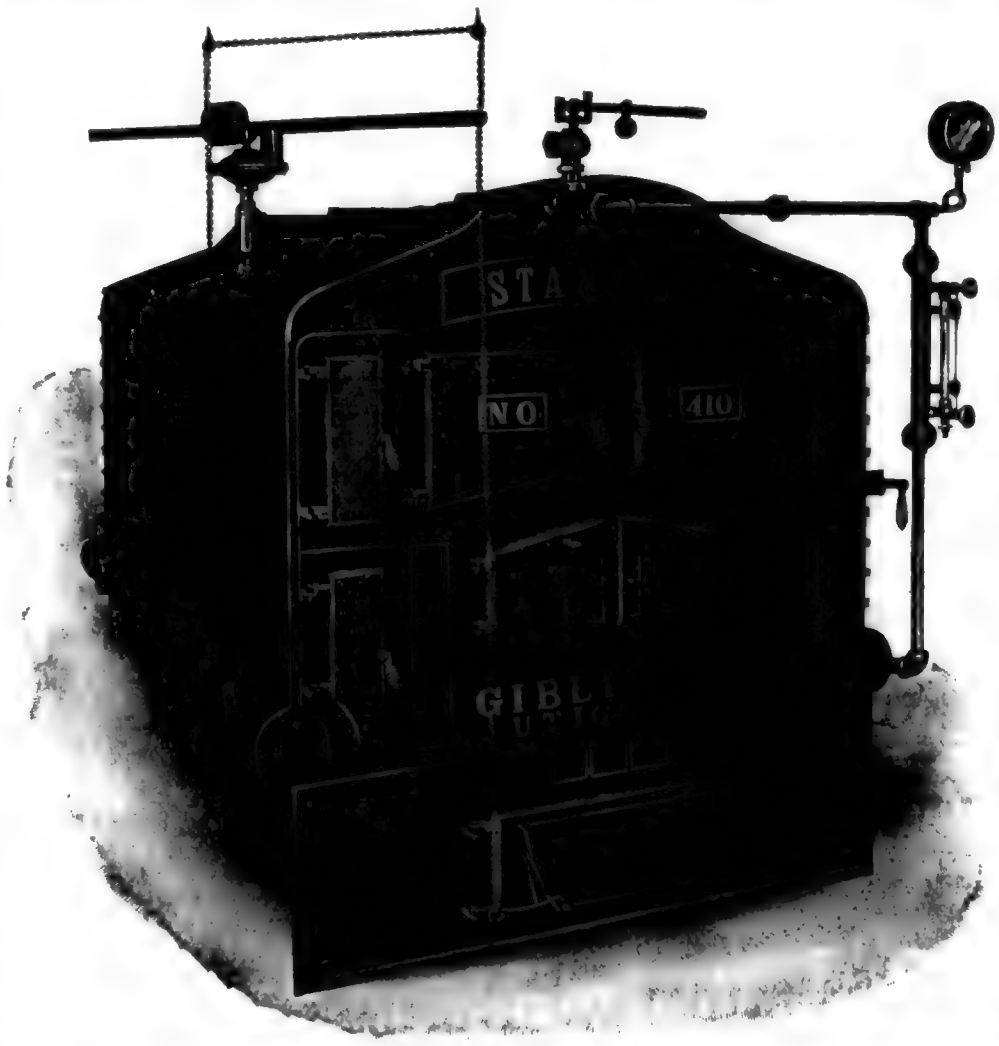
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WILL IT COST YOU $260 OR $1200?

Study our illustrations—see how a certain greenhouse man paid $260.00 for his boiler and fuel during the winter—while his neighbor tried to save money by buying a "cheap" (?) boiler and sank $1200.00



The man who spent $260.00 used our **GIBLIN "Standard" Greenhouse Boiler.**

It is the biggest saver you can put into your greenhouse.

Philip Warner, Newtonville, N. Y., in August, 1911, bought one No. 408 Giblin Standard Greenhouse Boiler. January 7, 1912, the thermometer was 12 degrees below zero outside, with a strong gale blowing. He fixed his fire at 8 p. m., and every part of the greenhouse registered 52 degrees, the temperature desired. Because of the wildness of the night, he arose at 2 a. m. and found every part of the greenhouse 52 degrees and the fire in good condition. Because he was up, he placed a very small quantity of fuel on the fire and went to bed until 6 a. m. He then found the fire in splendid condition, the thermometer registering 52 degrees in all parts of the greenhouse, with conditions unchanged outdoors. **The boiler that will heat a greenhouse ten hours without attention,** when the thermometer is 12 degrees below zero and a gale blowing, is **the boiler every florist wants in his greenhouse.**

Can you afford to disregard the importance of this showing?

You save money every year you use our **GIBLIN "Standard" Greenhouse Boiler,** by reducing your fuel consumption, repairs and labor cost to the minimum.

Not a "Cheap" Outfit

Although we offer an extra discount of 25%, in addition to our liberal regular discount, for the purpose of introducing our boiler in your neighborhood, this is not a "cheap" outfit. The price is right for the grade and quality of workmanship we put into it—the very best.

You want a boiler that requires very little attention and leaves you free to devote your valuable time to more important things. Neither you nor your men relish getting up at midnight, 3 a. m. and sunrise to feed a hungry heater.

The GIBLIN "Standard" requires attention only once in twelve hours in ordinary weather.

It economizes on repairs because of its unusually sturdy construction. All of the castings are tested at pressure of 65 lbs. to the square inch—far more than they will ever undergo in actual use. Our boiler will last a lifetime, and once you've bought it your heating worries are off your mind for once and all. **Can you say the same about your present boiler?**

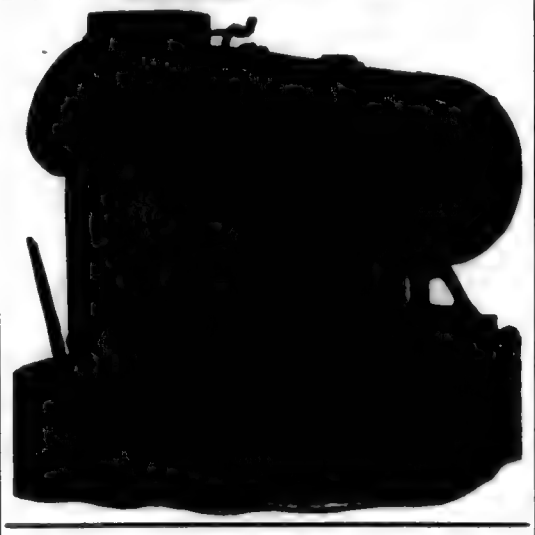
Wouldn't it pay you to "scrap" the outfit you now have and start saving by using a GIBLIN "Standard"?

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IMPROVED RETURN TUBULAR FIREBOX BOILER



Johnston Heating Co.
131 E. 26th St., New York City

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possible to maintain a temperature of 50 degrees, when the weather is at zero, by the use of one 2½-inch flow, carried on the downhill plan, and six 2-inch returns. If there is glass in both walls, use an additional return for each foot of glass, and if a temperature of 60 degrees is desired, use two or three additional 2-inch returns.

ABOUT AIR VALVES.

I recently wrote to you asking for some advice about the heating of my greenhouse, 22½x150, with hot water, and my inquiry was satisfactorily answered in The Review of February 15. However, there are one or two questions that I neglected to ask. Where shall I put the air valves? Will the lower end of the flows need an air valve? Can ¶ use automatic air valves to take care of the air? J. G.

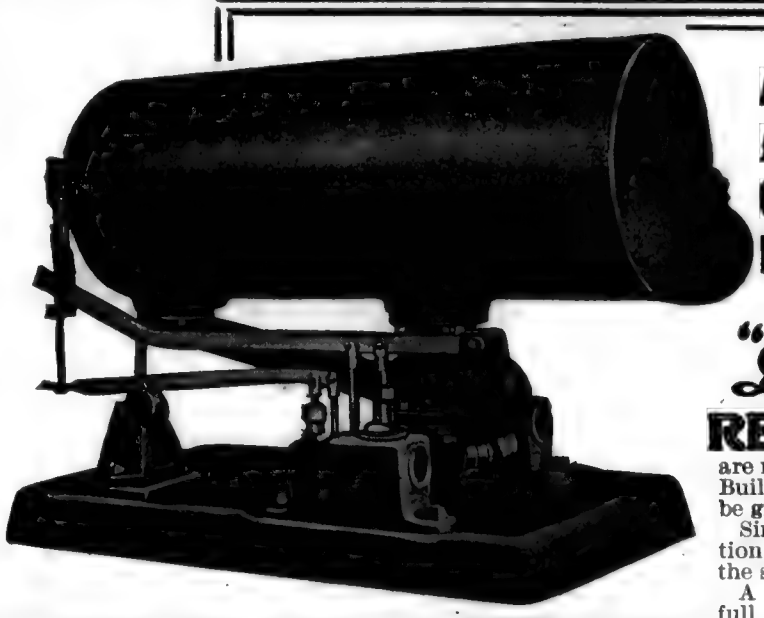
If the flows run downhill and the expansion tank is connected at the highest point of the flow pipe, there will be no occasion for any air valves in the system, either on the flows or returns, as the air can escape through the pipe which leads to the expansion tank. There will then be no possibility of air collecting at any time in the pipes, provided, of course, they have been given a slight downward trend.

IN EASTERN PENNSYLVANIA.

Will you please tell me how to pipe a greenhouse, 39 x 150 feet, six feet high to the gutters and fourteen feet to the ridge? How deep should the boiler be placed in the ground? The outside temperature here sometimes drops below zero, but not often. M. H. H.

If a house 39 x 150 feet is to be heated to 50 degrees in zero weather, it will be well to use five 2½-inch or three 3-inch pipes as flows, and thirteen 2-inch returns. Place one of the flows about four feet under the ridge and one upon each of the plates. If five are used, one can be carried under the upper row of purlins, or on the purlin posts if there are any. For a temperature of 60 degrees use from eighteen to twenty returns, and add one return for each foot of glass in the walls.

The letter does not indicate whether



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are machines from start to finish. Built with as much care as would be given the finest engine.

Simple in design and construction. Air and steam valves are in the same cast iron body.

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A Steady Pressure

will always be maintained in your steam pipes, no matter how the pressure at the boiler fluctuates, if you equip your main lines with these valves. Carry 40 or 50 pounds pressure on the boiler, set the

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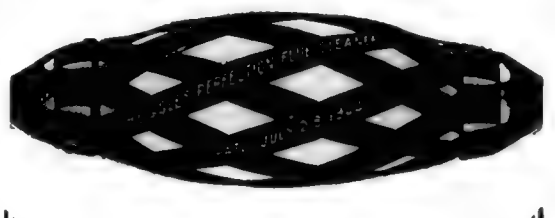
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IT SAVES COAL

MARTIN GRATE CO., 348 S. Dearborn St. CHICAGO.

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IT'S THE NEW PERFECTION FLUE CLEANER

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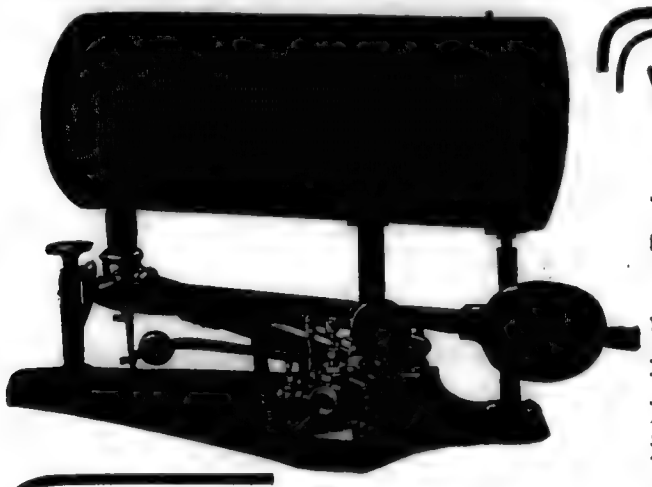
The Perfection will clean welded flues as well as old ones; remove scale from tubes without cutting metal; clean hot or cold flues without changing temper; can be operated by flexible handle.

The knives are always sharp.
Heads are drop steel forgings.
Hundreds now in use by florists.

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Ashland Ave. and 24th St., Chicago, Ill.

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beds or benches are used, or how they are located; hence no definite advice upon the location of the returns can be given. Whenever possible, it is desirable to have two or three of the returns upon each of the side walls and the others distributed beneath the benches. If possible, the top of the boiler should be lower than the returns, but if this can not be arranged it will be well to attach a mercury circulator to the system and thus assist the circulation.



Where There Is Condensation

—there is need for a Morehead Steam Trap. Condensation in steam lines is akin to matter out of place—means wasted energy.

If your lines are sluggish—if your houses are not of uniform temperature, write us. We guarantee to drain your lines perfectly—return the pure, hot condensation to your boiler without pump or injector or make no charge for the trial. Obey that impulse—write now.

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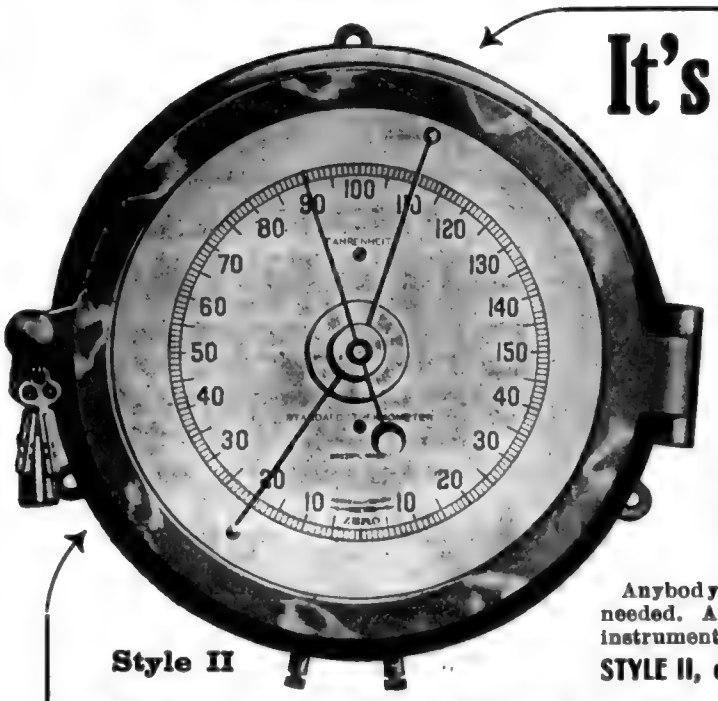
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is practically the same as Style I, advertised in last week's Review. It gives positive warning of approaching fire or frost, heat or cold.

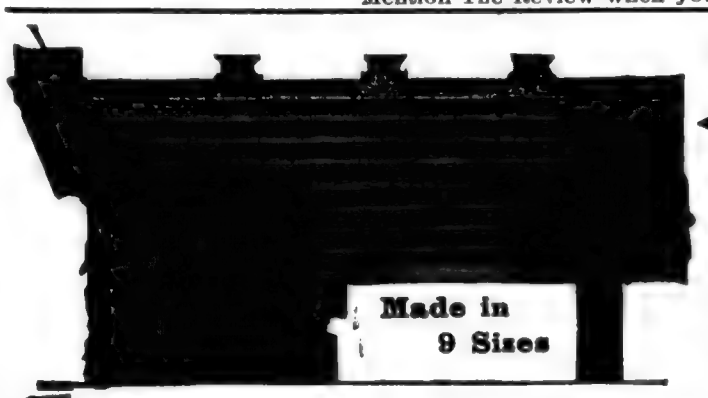
Anybody can put it up—only a screwdriver needed. All necessary directions with each instrument. Order today. Ask for

STYLE II, diameter 6 in., price $10.00 each

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More Heating Surface

and less water space than is contained in any other boiler. (Note the many flues set close together.) This is one reason why the users of the

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find them perfectly satisfactory. We frequently receive re-orders from florists who have tested these boilers thoroughly and found them even "Superior" to our claims.

Why not ask for full particulars today? A postal to us will bring a prompt reply.

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BOWLING

AT NEW YORK.

Rutherford bowlers took the New Yorkers by surprise Friday evening, February 16, and defeated them for the first time out of four contests. The scores were:

Rutherford.	1st	2d	New York.	1st	2d
H. Fuller	156	137	Manda	119	172
J. Roehrs	166	136	Nugent	141	111
M. Richter...	110	117	Shaw	103	126
C. Hasselhun.	148	127	Holt	130	109
T. Clark	182	123	Rickards	112	158
J. Motzer	141	167	Irwin	139	122
A. Wiedmayer	183	163	Chadwick	209	164
Totals.....1086		970	Totals.....	953	962

The return match will be rolled at Rutherford February 28.

AT BUFFALO.

The Buffalo Florists' Bowling Club made the following scores February 19:

Player.	1st	2d	3d
McClure	180	204	256
Sandiford	192	197	192
Wallace	182	180	173
Streit	177	183	188
Speidel	168	206	170
Taylor	172	142	134
Erle	138	146	157
Fiebelkorn	123	131	116

The Buffalo club will roll Rochester a friendly match at Rochester, Monday, February 26.

AT MILWAUKEE.

The Milwaukee Florists' Bowling Club made the following scores February 13:

Player.	1st	2d	3d
Walter Halliday	114	134	123
C. Gutbrod	124	105	162
R. Leitz	118	137	114
G. Rusch	156	178	172
A. Hare	143	146	153
R. Currie	133	99	163
G. Pohl	145	99	134
F. Holton	148	190	171
G. Hunkel	146	169	103
A. Kellner	145	158	144
P. Nohos	198	206	146
O. Eggebrecht	130	133	120
L. Manus	135	117	97
C. Schmitz	..	141	172
E. Oestreicher	88	105	115

E. O.

AT RUTHERFORD, N. J.

The scores made February 14 were as follows:

Player.	1st	2d	3d	4th	5th
Roehrs	143	172	130	204	177
Billmayer	134	180	165	145	142
Clark	125	162	171	162	134
Wiedmayer	204	169	166	216	...
Teller	202	180	205	166	148
Richter	136	234	216	189	168
Latham	206	164	114	148	116
Motzer	156	208	198	168	216

San Antonio, Tex.—F. G. Boehler, proprietor of the Brackenridge Nursery, announces that he has retired from the business.

Flushing, N. Y.—John Dreier, formerly in the florists' trade at 19 Catherine avenue, Middle Village, reports that he is now in other business.

green Flies and Black ones too

are easy to kill with

The Fumigating Kind Tobacco Powder

$3.00 per bag 100 lbs.

Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?

THE H. A. STOOTHOFF CO., MOUNT VERNON, N. Y.

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ASK

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All Seedsmen

Prepared by The Nicotine Mfg. Co., St. Louis, Mo.

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A favorite in chicken houses, and for killing insects in the homes. An excellent wash for dogs and other animals: It relieves mange.

½-Pint, 25c; Pint, 40c; Quart, 75c; ½-Gallon, $1.25; Gallon, $2.00; 5-Gal. Can, $9.00; 10-Gal. Can, $17.50

Dilute with water 30 to 50 parts.

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The Insecticide that kills plant Lice of every species

Grand Rapids, Mich., Feb. 6, 1912.

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Gentlemen: In reply to your letter of Jan. 27, will say that we have been using Fungine on lettuce for dry wilt, on roses for mildew, also on growing tomato plants. We are very much pleased with the success that we have had with it.

We use the Aphine for lice on lettuce instead of ——— [a nicotine preparation] and other mixtures. We also find this to be very successful.

Kindly advise us if you put this up in barrel lots; if so, give us prices, as we will be using more and more of this Fungine as the season advances.

We will be glad to refer any of the Grand Rapids growers to these products.

Yours very truly,

GRAND RAPIDS GREENHOUSE CO.

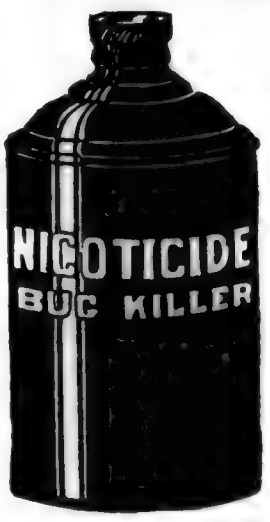
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They are the quickest folding paper pots on the market.
Best for shipping; they are square, pack closely, no breakage.
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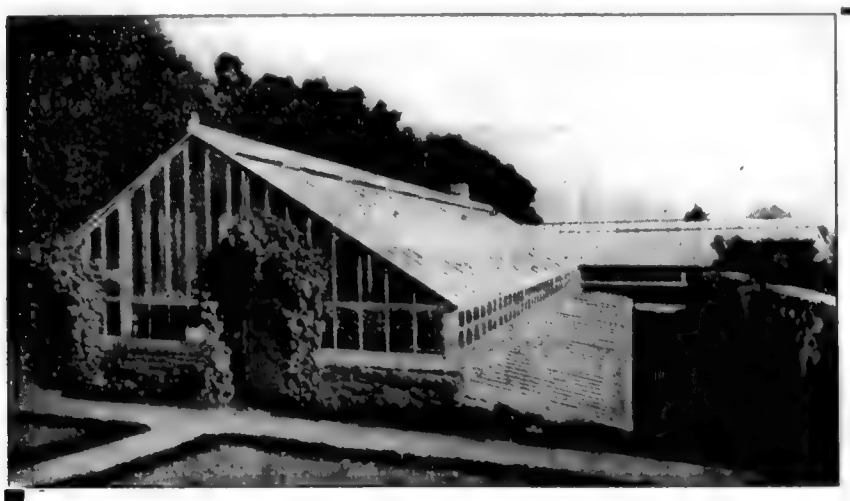
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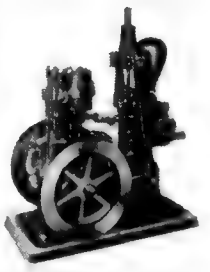
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BUFFALO.

The Market.

The zero weather broke just in time to allow the Valentine's day business to come and be handled without any trouble. The temperature was around the freezing point and was such a contrast to the preceding weather that trade took a decided change for the better. Heavy advertising and circular work made the day popular and trade was away in advance of other years. Violets were the leaders, but heavy sales were reported in all lines. Sweet peas sold well and the mild weather made it possible for corsages to be worn on the street. The day showed a marked increase in the use of flowers, and the increase will no doubt continue until the day can be compared to Thanksgiving and the larger holidays. The window displays were extensive and the novelties were well worthy of mention.

Bulb stock is now in the market in a crowded condition, with not much sign of an outlet. Carnations are also plentiful, but the shortage of roses is marked.

Various Notes.

R. M. Rebstock has entirely remodeled the store and added elaborate fixtures, and now has a store which anyone might well be proud of. The best feature of all is that business keeps coming and there was a fine Valentine's day business. A Ford car for delivery has now been added. R. A. S.

Somersworth, N. H.—G. S. Ramsburg had the decorations for the recent ball of the Somersworth Clerks' Association.

Albany, N. Y.—Whittle Bros. expect to remove from their present store, 10 North Pearl street, to 52 North Pearl street, about May 1.

Hartford, Conn.—The city is seeking to open a street, laid out in 1867 but never opened, across which now stand the greenhouses of J. Albert Brodrib, who has thus far prevented by injunction the removal of his buildings.



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If so, have you given your ventilating system consideration worthy of its significance? It is necessary to have perfect vent sash operators in order to secure the required results.

All we ask is a careful investigation of our machine and we know that you will confirm our statement that we have the best on the market.

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DREER'S

Florist Specialties.
New Brand New Style.
Hose "RIVERTON"
Furnished in lengths up to 500 ft. without seam or joint.
The HOSE for the FLORIST

¾-inch,	per ft.,	15 c
Reel of 300 ft.,	"	14½c.
2 Reels, 1000 ft.,	"	14 c.
¾-inch,	"	13 c.
Reels, 500 ft.,	"	12½c.

Couplings furnished.
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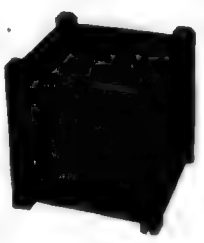
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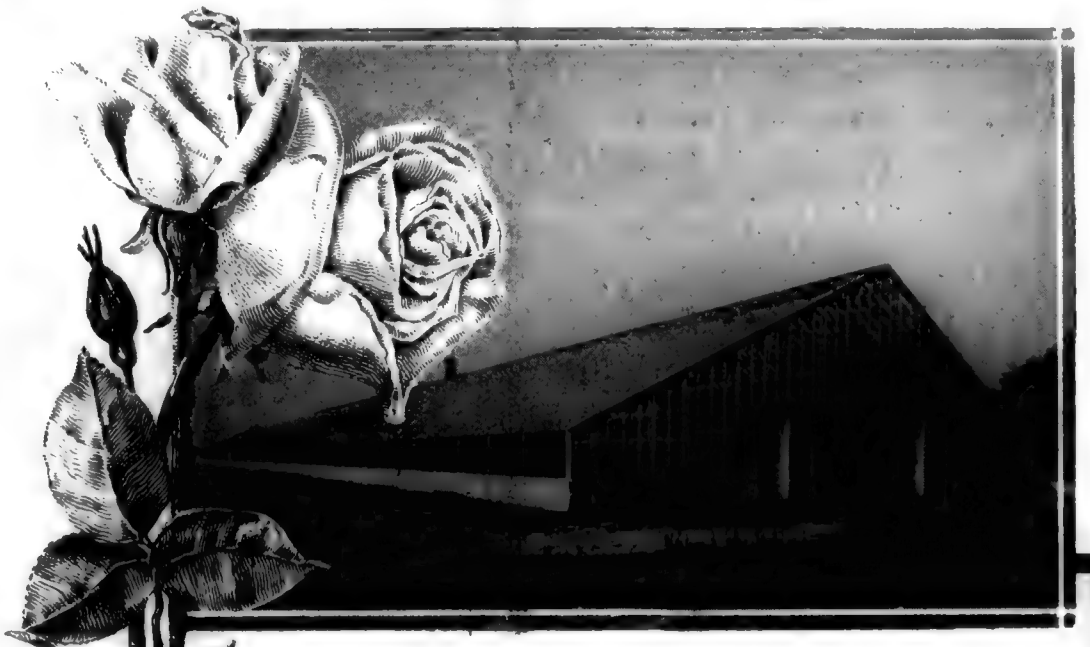
The Annual Dinner.

The New Jersey Floricultural Society held its annual dinner Saturday evening, February 17, at English's hall, 396 Main street. This was the first time in the history of the society that the ladies were present at an affair of this kind, and everyone voiced the sentiment that this was the most enjoyable meeting the society ever held. The hall was decorated with flags of all nations and on the tables were vases of the new carnations, including Totty's Wodenethe; Scott Bros.' new scarlet, Wm. Eades; Brooklyn, the new pink from Charles Weber, Lynbrook, L. I., also vases of other seasonable flowers.

President F. Drews in a few appropriate remarks welcomed the assembled guests and called on George Smith, who was chosen toastmaster. Mr. Smith is always equal to the occasion with his witty remarks. Songs were rendered by Miss Hayes, Miss Maud Knight and Miss McGall; recitations by Miss Jessie McRorie and Geo. B. Wilson. Wm. Duckham, Arthur Herrington and Edward Reagan spoke for the Morris County Gardeners' and Florists' Society and mentioned the fact that the N. J. F. S. is the oldest society of its kind in the state. Mr. Tricker, representing C. H. Totty, spoke of the forthcoming National Flower Show and hoped that all the societies would coöperate and help to make this show a success. J. A. Manda, president of the New York Florists' Club, spoke in like manner, asking that all the societies give their support. J. Austin Shaw paid tribute to the ladies and said this was our crowning triumph in bringing the ladies here, and he hoped that we would not fail to repeat this year after year. Mr. Shaw also spoke of the delightful time he had in Bermuda.

Dr. J. M. W. Kitchen, of East Orange, gave some of his experiences on mushroom growing. He said he had read all the literature he could find on the subject and talked with growers, but as to growing a crop with any certainty he was just as far from a solution as ever.

Among the visitors were: Isaac S. Hendrickson, Floral Park, L. I.; Jasper R. Lewis, New York city; Wm. Scott, Elmsford, N. Y.; Chas. Weber, Lynbrook, L. I.; J. I. Donlan, Charles McTaggart, representing W. E. Marshall & Co., New York city. W. R.



A Letter About a Rose House and Nine Growers —Their Opinions—

ONE day last August I found a letter on my desk that put me in a particularly good humor. It came from Philadelphia. Here is an extract from it:

"Mr. Joseph Heacock recently invited several florists to visit his new rose house at Roelofs, Pa. Among those who yesterday accepted his invitation to go were Mr. Robert Craig, J. Welsh Young, Geo. C. Watson, Geo. Craig, David Rust, Fred Hahman, Thomas Logan, John Westcott and myself. They all thought that the new L. & B. Iron Frame house, 55x600 feet, was one of the best they had ever seen.

"It is a well-known fact that Mr. Heacock has been sending in the best Killarney roses that have come to the Philadelphia market the past winter. He has been able to get a better price for his roses from the new house than any other grower. The reason for this is undoubtedly because Mr. Heacock has an up-to-date house. One of the growers remarked that 'most growers can cut good roses at certain times of the year, but with a house like this one it makes it possible to produce high-grade stock at all seasons.' This proves conclusively to my mind that your large Iron Frame house, which gives the most light and largest amount of air space, is the ideal rose house, other conditions being equal."

To which we would add—send for our catalogue.

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The original machine with self-oiling cups. The old reliable, the most powerful and least complicated of any on the market.

The Standard Return Steam Trap

It has no equal for simplicity or its working. Ask some one who is using a Standard for his opinion of it.

Write for catalogue.

E. HIPPARD CO., Youngstown, O.

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Write for prices. Drainage perfect.

TILE BOTTOMS 12 x 24 and 9 x 24

Furnish any quantity.

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in this advertisement is impossible. If you are planning any rebuilding or additions, it will pay you to write us.



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MANUFACTURERS OF The Gutter with a Reputation

CONCRETE BENCH MOULDS AND GREENHOUSE APPLIANCES

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You remember very well when 16x18's and 16x24's D. S. were selling around $3.00 per box. Of course, such is not the case today, but there will have to be a change soon from the present ruinous prices, and those who act quickly naturally will get the benefit.

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PITTSBURGH PLATE GLASS COMPANY

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801 S. Wabash Avenue, Phone Harrison 2239 CHICAGO

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Dreer's Peerless Glazing Points

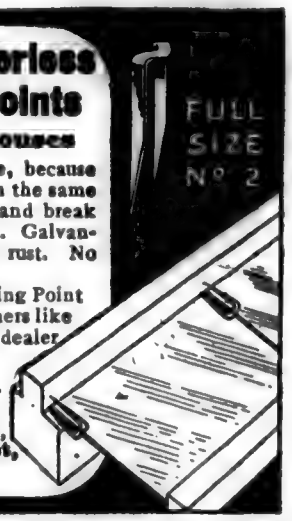
For Greenhouses

Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts.

The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

1000, 75c. postpaid. Samples free.

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	Each	Doz.
RYE STRAW . .	$1.50	$17.00
BURLAP	1.20	14.00

WM. ELLIOTT & SONS

42 Vesey Street, NEW YORK

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SIEBERT'S ZINC NEVER-RUST

GLAZING POINTS are Positively the Best Last Forever. Over 50,000 pounds now in use A sure preventive of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes, 5/8 and 7/8, 40c per lb.; by mail 10c extra; 7 lbs. for $2.50; 15 lbs. for $5.00, by express. For sale by the trade. Randolph & McClements, Successors to Chas. T. Siebert Baum and Beatty Sts., Pittsburg, Pa.

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29 oz. Crystal Sheet. 3-16 in. Polished Crystal Sheet.

AMERICAN WINDOW GLASS CO.

General Offices, Farmers' Bank Building, - PITTSBURG, PA.

SUPERIOR QUALITY SINGLE AND DOUBLE PROMPT DELIVERY

Greenhouse Glass

Good, Heavy Double Strength Glass.
Prices are very low. Let us quote you.

BAUR WINDOW GLASS CO., Eaton, Ind.

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The Weekly Florists' Review

CAXTON BUILDING

508 South Dearborn Street

CHICAGO

Advertising forms close

TUESDAY

The latest hour at which advertisements, or changes of advertisements, can be accepted is 5 p. m. Tuesday.

Binghamton, N. Y.—M. H. Mills has discontinued business because of advanced age; he is 86 years old. The greenhouses have been torn down.

Geraniums

GERANIUM FOLIAGE CURLING.

I am sending you some geranium leaves and should like to know what causes them to curl under as they do. The top leaves do not open out straight, but curl under. Quite a lot of the lower leaves turn yellow. I have them in 2½-inch pots and some in 4-inch, but they are all alike. I have not sprayed or fumigated them at all. Last spring I had a lot on which the bud only got about as big as a good sized pea and then would dry up and drop off. G. H. P.

The plants have probably been much potbound or may have been kept too long in the cutting bench before potting. Spraying or fumigating would not be likely to cause the trouble in any way. Aphis does not usually attack the zonale geraniums, but it does occasionally, and a fumigation or spraying with nicotine would then be necessary. A suitable potting soil is one containing good pasture loam, with some spent mushroom manure or old, decayed cow manure added. Some fine bone is also excellent; use a pot to each bushel of soil. Never use any fresh manure; it always produces a rank, soft growth. You do not state how warm you are keeping your geraniums. They like 48 to 50 degrees at night, with all possible sun and a comparatively dry atmosphere. Never let them get potbound, but feed occasionally when they show such a tendency. C. W.

DISEASED GERANIUM LEAVES.

I am troubled regarding my geraniums. Recently they were attacked by some insects or a disease. The older leaves first show tiny spots on the under side, which to the naked eye almost look like little welts. Soon the leaf begins to turn yellow and the under side looks as though the tissue had been punctured. The surface sometimes has tiny red spots. The leaf turns yellow at the edge first. The plants have been kept on the dry side and in a cool house and I am not able to find any insects on them. I have painted one of the pipes with sulphur, so that the color of it can just be detected on entering the greenhouse. Is that too much? The geraniums were affected before I used the sulphur and had only been fumigated with tobacco. Any information you can give me will be gratefully received. V. R. F.

The foliage forwarded showed no signs of any insects, but had the appearance of being attacked by bacteria. The sulphuring of the pipes would not cause this; in fact, it should, if anything, help to prevent its spread. Pick off the worst affected leaves and give the plants a spraying with Bordeaux mixture. Give them all the sun and light possible. Ventilate the house freely. Do not spray them overhead. If well rooted in the pots, give them a moderate stimulant once a week to encourage them to make new growth. For this purpose a teaspoonful of nitrate of soda in a 12-quart watering pot is good. After using this twice, a considerable improvement should be detected. Your plants are similar to many others at this season, but do not be alarmed about them, as they will eventually come out all right. Do not let the plants stand too close together. Pick off all dead and dying foliage. Keep a pure atmosphere and a night temperature of 48 to 50 degrees and they should soon pick up. C. W.

FUNGUS ON GERANIUM FOLIAGE.

I send you a few geranium leaves which are affected with a disease which I would call fungus. If you know anything about the disease, would you kindly let me know what to do for it? F. G. E.

The leaves, which had almost crumbled to pieces before they reached me, had evidently been attacked by some fungoid growth, which is not at all uncommon at this season. The best remedy is to pick over the plants frequently, removing affected foliage; also give them a spraying with Bordeaux mixture. Keep the plants somewhat on the dry side and do not syringe overhead at all. Let them have plenty of sunshine and fresh air. Keep them spaced well apart, for if allowed to crowd, many leaves will decay. To assist the diseased plants to make a better growth, feed them with weak nitrate of soda water, a teaspoonful to a 12-quart can, once a week until they improve. Always avoid a moist, close atmosphere, which would aggravate fungoid troubles on geraniums. C. W.

DISEASED GERANIUM FOLIAGE.

You will find enclosed some geranium leaves. The leaves dry up around the edges and finally drop off. I would like to find the cause of the trouble and a remedy, as some of the plants are entirely without leaves. H. G.

Isolate the affected plants from those which are apparently healthy. Give all your plants a spraying with Bordeaux mixture; also keep them picked over. Allow a little space between the plants, and do not syringe them overhead. If the plants are well rooted in the pots, feed them with soot or nitrate of soda water once a week until they show an improvement. A teaspoonful of nitrate of soda to a 12-quart can of water will suffice. Plenty of sun and air and an average minimum temperature of 48 to 50 degrees will suit the plants. The cause of the trouble can only be conjectured, but with care you can overcome it. C. W.

HUEBNER'S NEW ANTIRRHINUM.

The photograph here reproduced shows some vases of the new antirrhinum raised by H. Huebner, of Groton, Mass. With reference to the origin of the plant, Mr. Huebner states that about twelve years ago he found an antirrhinum seedling growing among his violets outdoors. In housing the violets he also took in the snapdragon plant. It proved to be a dwarf sort, not over eighteen inches high. The flowers were white with a pinkish tip, not a really decided color, but the plant bloomed profusely all winter. He propagated it and grew it again the following winter. There was a noticeable improvement each succeeding season. Even if the color was not first-class, the flowers were highly acceptable in midwinter.

About six or seven years ago Mr.



H. Huebner's New Winter-flowering Antirrhinum.

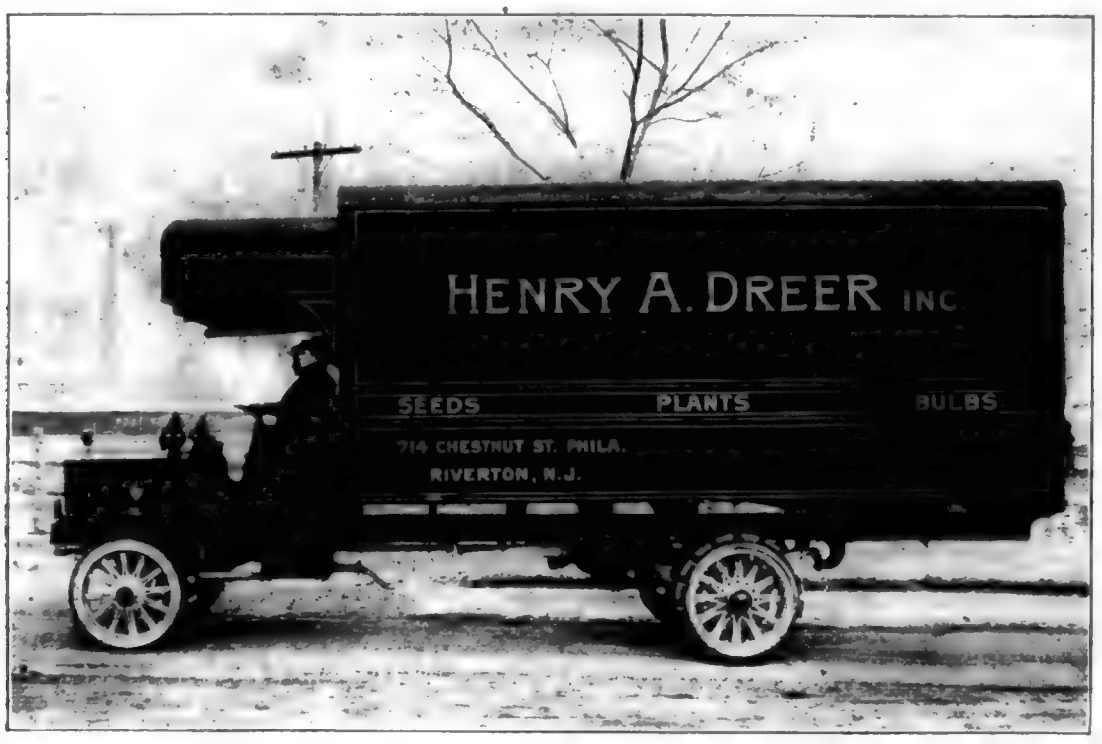
Huebner discovered on one of the plants a branch that produced a clear white flower. He made as many propagations of this as possible and found that it had all of the good qualities of the original, besides growing taller. By selection and cross breeding with some of the choice outdoor varieties, he says, he now has a number of good colors, particularly white and yellow. The pink, he states, is not yet as clear a color as he would wish, but he hopes soon to have the right shade. The flowers are set quite close together on the stalk and make a handsome, compact spike.

Mr. Huebner states that this antirrhinum has proved to be his best money-making crop for the last few years. Some of the flower stalks, particularly on the pink variety, which he showed at Horticultural hall, Boston, February 2 to 4, had forty open flowers, besides the buds, on stalks four feet tall.

In regard to the treatment of the plants, he says he grows them in much the same way as carnations, with the exception that he does not plant them in the field. He takes cuttings any time from January to April, pots them along as needed and plunges them in a sunny frame, in ashes, about June 1. By pinching them back as often as necessary, he usually has nice, bushy plants, mostly in 4-inch pots, by the middle of August, when he benches them the same as carnations. He continues to pinch them back until the end of September. By fumigating lightly about every ten days, he keeps them perfectly clean.

DREER'S BIG AUTOMOBILE.

It recently was reported in The Review that Henry A. Dreer had put a large motor truck on the road between the greenhouses at Riverton, N. J., and the city store in Philadelphia. A picture of the truck now is presented. It will be apparent at a glance this is one of the largest of motor vehicles. It is a Packard machine of three tons capacity. While only in use for a short time, the Dreer concern already has demonstrated that it is a great convenience, giving immediate and constant transportation facilities between the greenhouses and the store.



On the Road from Riverton to Philadelphia.

THE RETAIL FLORIST.....

DELIVERY METHODS.

Their Value as Advertising.

Just exactly what the advertising value of a good delivery wagon or auto is, it would be difficult to say, but it is considerable. I know of a city of 350,000 population where only one retail florist has his own delivery wagon and there is not a single automobile except such as are hired at busy times. Some of the delivery boys have motorcycles, but the majority of the delivering is done on bicycles or by using street cars. Funeral designs are sent out without boxes or covering of any sort, the boys pushing about during the rush hours through crowds of people and frequently damaging the work entrusted to them.

The Vehicle and Its Accompaniments.

Contrast this state of affairs with that obtaining in other cities, where a smart turnout, well horsed, or a fine automobile, in either case with a delivery boy in a natty uniform, is the rule rather than the exception. It is only reasonable to suppose that the first retailer in the former town to break away from the cheese-paring policy and put out something neat in the way of a delivery outfit is going to get a lot of credit and, incidentally, gather in a lot of the business of his benighted compeers. Every retailer worthy the name ought at least to have a good wagon, and if his business does not admit of his keeping a horse or team of horses, then let the vehicle be horsed from a livery.

The bicycle, useful as it is for many purposes, is surely not a good method of delivering flowers, while the motorcycle, unless attached to a covered carrier of some kind, is almost as bad. In either case the delivery boy picks up too much of the dust and grime of the streets to be at all presentable, either at the store or at the residence of the customer, and a slipshod, dirty appearance of the messenger boy gives patrons the idea that the store methods are also slipshod. On the other hand, a neat appearance gives the opposite impression, with results that may easily be foreseen.

A Record of Deliveries.

Besides the manner of the actual deliveries, the method of keeping the records varies widely. When sending out goods that are to be charged, there is nothing better than the threefold check books. These are numbered so that every invoice is easily located; they are written at the store and the delivery boy takes two of the three records or checks, one to be delivered to the customer, the other to be signed and returned. The stubs only are priced and these never leave the store, the bookkeeper using them for entering up the daybook. Even at the busiest times this system saves trouble and, if the boys are instructed to hand over their return checks every night, there can be no dispute by customers as to the delivery or non-delivery of an order.

Promptness in Delivery.

Promptness, it is hardly necessary to add, is one of the most important of all points in the delivery service. People generally are thoughtless about giving orders in time for any occasion. Telephones and department store methods have brought customers into so close a touch with the stores of all kinds that they include the florist among those that can be called upon at a moment's notice to give good service. And the up-to-date retailer must really foster this habit of his patrons. He can not help it if he is to hold the better class of trade. Still less can he afford to be behindhand after taking the order. Milady is often exceedingly impatient when anything affecting the toilet is concerned, and if that corsage bouquet is not on hand when wanted there is likely to be trouble for the florist. Funeral work, again, for obvious reasons, has to be handled with great dispatch; consequently one of the mottoes to be, figuratively, pasted in the hat of the successful retailer, is "Be on time."

THE CROSS OF VALLEY.

Charles A. Samuelson, the well known Michigan avenue retailer at Chicago, has made a number of casket crosses similar to the one shown in the accompanying illustration and in each case the design has met with general approbation. The base for the cross is a wire frame of the usual type, except

that each one is made to order to fit the casket, exact measurements being taken by the wire worker. The cross is made the full length of the casket, and the full width. The frame is made with the ends of each of the four arms turned down at the bevel of the casket, so that the design fits perfectly and will not fall off, even with rather inexpert handling by the pall bearers. The back of the frame is protected with green cloth to prevent any scratching. The frame is filled with foil and moss and then is made solid with white carnations. Valley is stemmed without any foliage and set as solidly as it can be put in. In the cross photographed there were 3,500 spikes of valley. Mr. Samuelson received for the design $250. Other crosses have been made containing considerably more stock. For the funeral of the late Marshall Field Mr. Samuelson made one of these crosses containing 5,000 lilies of the valley, for which he is said to have received $500.

THE ASTER AND ITS CULTURE.

[A summary of a lecture by George Arnold, of Rochester, N. Y., delivered at the New York State College of Agriculture at Cornell University, Ithaca, N. Y., in the Fifth Annual Farmers' Week, February 19 to 24, 1912.]

In the lecture on "The Aster and Its Culture," by George Arnold, farm superintendent for James Vick's Sons, Rochester, N. Y., the history of the aster in Europe and America, and the development of the different forms, was briefly given. The introduction of double, quilled and variegated flowers was noted, as well as that of dwarf and semi-dwarf plants. Attention was called to the fact that there are still being offered in European catalogues a proportionately large number of asters that are dwarf or semi-dwarf, with flowers that have petals that are either quilled or comparatively short, and in colors that are either variegated or of shades that are unsalable in America.

The importance of the aster in America as a commercial flower, Mr. Arnold said, began with the introduction, between 1890 and 1895, of Queen of the Market, Comet and Branching. These asters all have petals that are long, loosely and irregularly arranged, and the flowers, when not fully double, have the centers well covered. They are thus splendidly adapted to the florists' uses, and the American amateur is using practically the same varieties and the same range of colors as the professional grower. A number of the principal types of flowers were illustrated by lantern slides.

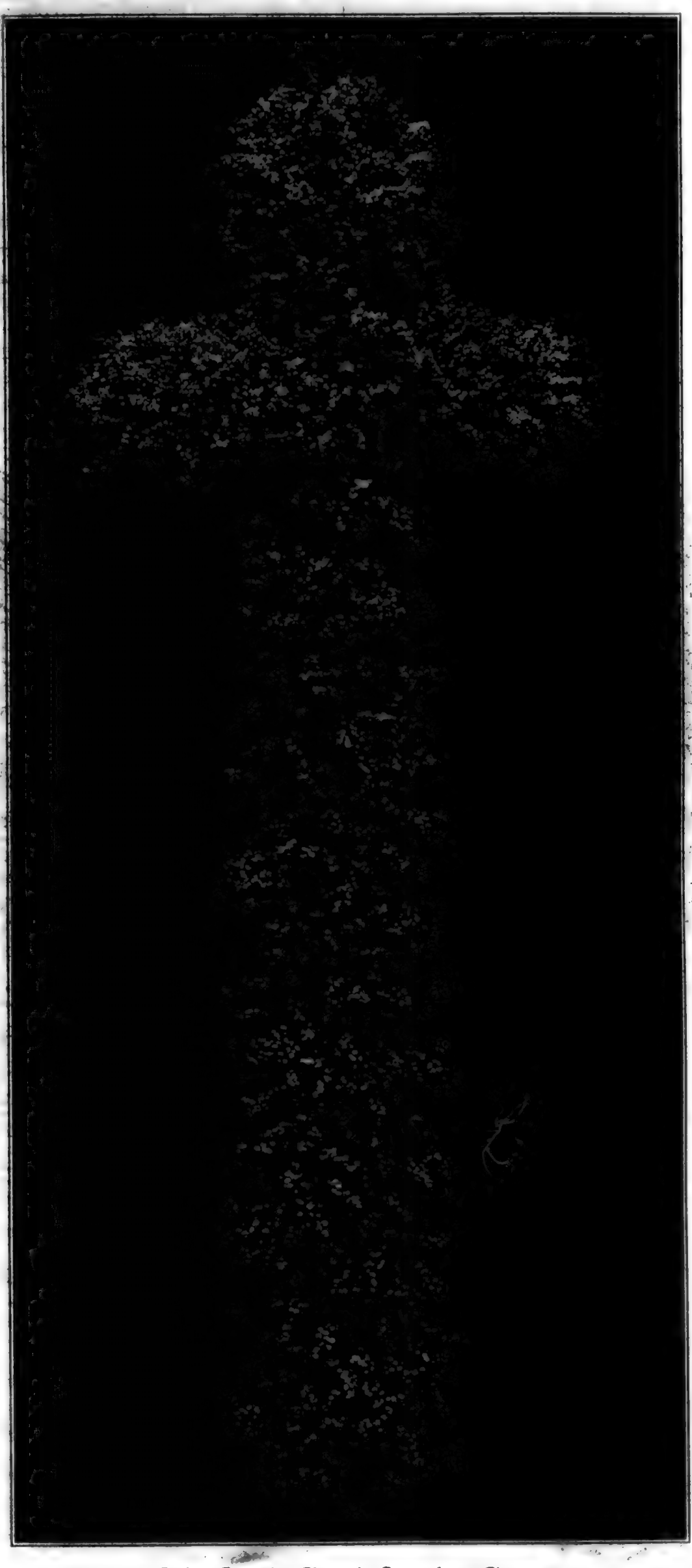
Soil and Cultivation.

Early asters were declared to be the most profitable if properly grown, but those present were warned that they must be prepared to give early sowing, early planting, rich soil and good cultivation. It was useless, said the speaker, to grow early asters if these conditions were not fulfilled.

The plants should be hardened so that they could be set out before hard frosts were past—in April for western New York.

The liberal use of quantities of stable manure was recommended for both early and late asters, either well rotted or applied the previous year. The market is always full of short-stemmed asters from land insufficiently fertilized and tilled.

The use of a covering of sand or



Casket Cross by Chas. A. Samuelson, Chicago.

[The usual method of making a cross with valley is to stem the foliage with the flowers, setting not too thickly together, over a green base. In the cross illustrated just the opposite course is pursued—the frame is filled with white carnations as a base, on which the valley is set thickly, stemmed without the foliage, no green showing.]

sterile soil was recommended, when seed is to be sown under glass, as a preventive of damping off and of stem-rot. Investigations at the Massachusetts College of Agriculture, some years ago, showed that most of the destructive stem-rot in the field comes from a fungous infection in the seed bed. Keeping the surface dry, well stirred and aired was urged as the best preventive.

For the September market it was recommended that seed of late varieties be sown in frames about the first part of May, or in sandy soil outside from the middle to the last of April.

Diseases and Pests.

Passing to the troubles of the aster grower, lantern slide pictures were shown of plants affected by the yellow disease, and others showing injuries by the tarnished plant bug. No remedy has been found for the yellows. Maintaining a nearly uniform condition of soil moisture by thorough cultivation seems to be the best preventive. Amateurs having small plots that are subject to this disease were advised to try mulching the plants to preserve uniform moisture.

The wide-spread injury caused by the tarnished plant bug was declared to be commonly attributed to other causes. Attacking the tips of the branches, it causes the blasting of the terminal buds and the dwarfing of the plant. These bugs can not be poisoned. Spraying with Whale Oil soap or kerosene emulsion renders the plants distasteful for the time being. Growing in partial shade when possible was recommended, as these insects seldom work in the shade. A trial of cheesecloth shading was suggested, where the stunted growth caused by this plant bug was prevalent.

The question of growing asters for cut flowers on muck land was brought up and instances of successful trials were cited, a really remarkable growth having been obtained in some cases. The soiling of the flowers by the black dust in a dry time has proved an objection in some cases. If that could be overcome, there would appear to be great possibilities in the growing of this flower on muck land.



VARIETIES FOR A BEGINNER.

I intend to grow a few carnations next year, and, being a new hand at the business, I should like to ask which, in your estimation, are the best varieties of red, white and pink for a beginner to grow. F. W. B.

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M. N. A.

I would have to see a specimen of your plants before I could suggest the cause of the yellowness in them. It might be caused by too much manure, and again, it might be caused by stigmonose or something else. If you used two-thirds manure and one-third soil, you surely have too much manure, according to our way of preparing soil.
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At present thirty per cent of the plants are splitting before opening, and the blooms and stems show weakness, while the plants otherwise are healthy. Our soil was stacked in the spring—four loads of loam to one of rotten cow manure. We were not bothered with stem-rot, except in the case of C. W. Ward. Has that variety a tendency to rot? Please give your opinion also on the sample of soil enclosed. O. A. H.

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FORWARDERS ARE FINED.

At New York last week three Chicago forwarding agents were fined on a charge of false representation of contents of packages delivered to the Baltimore & Ohio railroad for transportation in interstate commerce.

One of the men fined, $100, was August Bontoux, president of the International Forwarding Co., which concern handles large quantities of bulbs, nursery stock and other imports for florists all over the country. Mr. Bontoux was charged with having shipped 8,500 pounds of natural flowers, or immortelles, as millinery goods not otherwise specified, at a rate of 75 cents per hundred pounds, whereas the regular prescribed rate on natural flowers is $1.50 per hundred pounds. Another of those in the case was Oscar Kosche, proprietor of C. D. Stone & Co., who handled some horticultural business, but the importation on which he got into trouble was for another line.

STATE FLORISTS' ASSOCIATION.

President Washburn's Appeal.

The Illinois State Florists' Association will hold its seventh annual meeting in Joliet, March 5 and 6. This is a call to every florist in the state to come to this meeting. We need you to help the good cause of the florists' trade and you not only need us but can see what the association has done and will do for you. The florists' industry is growing rapidly and has various needs, such as the standardization of grades, both of flowers and plants, which should be made uniform all over the state. There is also a universal demand that introducers of new varieties should not only show these varieties to the florists but should explain their methods of culture and give the average number of blooms that can be cut from a plant under ordinary conditions. We need some uniform methods of determining the values of new varieties. Take, for instance, this new rose, Sunburst. E. G. Hill has promised to come to our meeting and give us some facts regarding it. These are what we want to know.

The association assisted materially in getting the express rates reduced and stands ready to join with the other mercantile associations in the state in protecting our trade from unreasonable rules or rates.

Our association is recognized by the other trade associations as being an important factor in the general business of the state. This puts all florists on a good commercial basis and helps advertise the business as an important and prominent industry. Now, don't stand back and let some brother florist do your share as well as his own in looking after the interests of such a business, but come on along and help all you can. Bring a small exhibit if possible. The dues are only $1 per year. Illinois expects every florist to do his duty and attend this convention.

C. L. Washburn, President.

Arrangements at Joliet.

Arrangements have been made for holding the business sessions of the Illinois State Florists' Association at the Hotel Monroe, which will be headquarters. Just down the street is the Sweet-Orr building, and here the exhibition will be staged. Peter Olsem is chairman of the exhibition committee, and from information already in hand it is expected that the display will exceed in size anything in the previous history of the society. No charge is made to exhibitors of greenhouse products, but a charge for space is being made to help meet expenses in the case of displays of florists' supplies and advertising banners.

The attendance is expected to be large and representative of the entire state. A large party will attend from Chicago, leaving Chicago at 11:45 Tuesday morning, March 5. For those who cannot attend the opening day, but who can attend the second day, a train leaves Chicago at 8:30 a. m., reaching Joliet at 9:40. The visitors will be escorted to the state penitentiary at 10 a. m.

The program is as follows:

TUESDAY, MARCH 5.

Afternoon Session, 2 P. M.

Introductory Remarks—W. N. Rudd, Morgan Park.
Address of Welcome—Hon. Edmund A. Allen, Mayor of Joliet.
Response—George Asmus, Chicago.
President's Address—C. L. Washburn, Hinsdale.
Report of Secretary—J. F. Ammann, Edwardsville.
Report of Treasurer—F. L. Washburn, Bloomington.
Report of Advisory Committee, Illinois Floriculture Experimental Station—W. N. Rudd, secretary, Morgan Park.

Evening Session, 7:30 P. M.

Report on the Work at the Experimental Station—H. B. Dorner, Urbana.
Unfinished Business.
New Business.
Question Box.
Nomination and Election of Officers.
Adjournment.

WEDNESDAY, MARCH 6.

In the hands of Joliet florists.
Trip through the penitentiary.
Luncheon at noon at the greenhouses of the Chicago Carnation Co.

THE NEW YORK FEDERATION.

Answering the call of the New York Florists' Club, the delegates appointed by the different clubs and societies of the state of New York assembled at Cornell University, Ithaca, Friday, February 23, and organized the New York State Federation of Florists' Clubs.

There were present Wm. F. Kasting and W. A. Adams, Buffalo; George Arnold, E. R. Fry and W. T. Logan, Rochester; C. B. Weathered and John Young, New York; Dr. E. A. Bates and George E. Thorp, Syracuse; Arthur Cowee, Berlin, and T. S. Hendrickson, Floral Park. The meeting was called to order by Charles B. Weathered, who read the call. Wm. F. Kasting was made temporary chairman, and John Young temporary secretary. Prof. L. H. Bailey gave a brilliant address on the necessity of organizing the floricultural interests of the state, and outlined what other lines were doing. Mr. Kasting also gave an interesting talk and urged the members to so organize that they would not only be in a position to ask for state aid, but be in a position to demand it. Upon motion of Arthur Cowee, it was decided to form the state organization. A constitution and by-laws were adopted and the following officers then were elected:

President—William F. Kasting, Buffalo.

Vice-presidents—Dr. E. A. Bates, Syracuse; Charles B. Weathered, New York City; E. R. Fry, Rochester.

Secretary—John Young, New York City.

Treasurer—W. A. Adams, Buffalo, N. Y.

Executive Committee—Prof. A. C. Beal, Ithaca; George Arnold, Rochester.

President Kasting appointed the following committees:

Legislative—F. R. Pierson, chairman, Tarrytown; Wm. T. Logan, Rochester; S. A. Anderson, Buffalo; Charles B. Weathered and John Young, New York City.

State Fair—George E. Thorp, chairman, Syracuse; Wing R. Smith, Syracuse; A. Cowee, Berlin; Frank H. Traendly, New York; F. A. Danker, Albany.

Resolutions were adopted pledging the support of the organization to secure a state appropriation of $75,000 for a Horticulture building in Syracuse, and to support the bill introduced in assembly by Mr. Wende to secure an appropriation of $50,000 for erecting greenhouses for experimental work in floriculture at Cornell University.

The next meeting, which will be the annual one, will be held at Syracuse in September, at the time of the state fair.

Constitution and By-Laws.

The following is the constitution and by-laws adopted:

Name. New York State Federation of Floral Clubs.

Object. The objects of this Federation are to promote in all possible ways the art of floriculture, ornamental horticulture, and gardening under glass, including educational and civic improvement benefits arising therefrom, among the people of the state of New York.

Membership. Club memberships only shall be held. These memberships shall consist of delegates appointed or elected by the various floral clubs of the state. Each club shall have the right to appoint or elect one delegate for each twenty-five members in good standing. Each club shall be represented by at least one member. Whenever possible a club shall be represented by two or more members, according to the size of the club.

Officers. The Federation shall elect at the annual meeting a president, three vice-presidents, a secretary, treasurer and an executive committee of five persons, three of whom shall be the president, secretary, and treasurer.

Elections. Nominations for the different officers shall be made from the floor, and elections shall be made by ballot by a majority vote of the accredited delegates. A quorum shall consist of the majority of the delegates present from each of the floral clubs. A majority of the members of the executive committee shall constitute a quorum of that body.

Meetings. An annual meeting shall be held at Syracuse during state fair week and a regular meeting at New York State College of Agriculture during farmers' week. Other meetings may be called by the president or executive committee when deemed necessary.

Fees. A membership fee of $5 for each club and 5 cents per capita for every member over 100 shall be payable to the secretary-treasurer January 1 of each year.

The income of the association shall be used for printing and postage expenses, for expenses of legislative committee, but shall not be used to pay expenses of delegates in attendance at annual or special meetings.

Committees. The president shall appoint standing or special committees when necessary. The following standing committees are recommended: Legislative Committee, Committee on Coöperation with Department of Horticulture, New York State College of Agriculture, Committee on Transportation and Publication, Committee on State Fair.

The Federation shall publish a brief report at the close of each year, reciting its activities for that period and outlining a program of work as far as possible for the incoming year.

This constitution may be amended at the annual meeting by a vote of two-thirds of the members present, provided notice of such proposed amendment shall have been given at least thirty days prior to the meeting.

WHO GETS TRADE PRICES?

I, for one, am glad to see W. W. Wilmore bring up the question: "Who Gets Trade Prices?" Our answer to this is: "Those who are making the growing and selling of flowers and bulbs a business." How is the local florist to make the business pay if the trade is going to give wholesale prices to amateurs who buy in large quantities? Then there is the fellow who makes a sideline of the business and,



Isaac S. Hendrickson.
(President American Gladiolus Society.)

when he can not get florists' prices, takes a spite at the florist who can, and sells for any old price, which, of course, hurts the local trade. We have had experience in this line and know.

The other florists in our locality, having specialties in other lines, have the same trouble. People who are not in the trade seem to have no difficulty in getting wholesale prices, and at the prices for which the goods are sometimes sold we wonder if they are ever paid for. The wholesale man has to dispose of the greater part of his output to the retail florist and he should protect him by making sure the party is in the trade before giving wholesale prices. Tom O'Connor.

FLOWERS AS A FIELD CROP.

[A paper by I. S. Hendrickson, of Flowerfield, N. Y., read at the New York State College of Agriculture at Cornell University, Ithaca, N. Y., in the Fifth Annual Farmers' Week, February 19 to 24, 1912.]

It seems to me that, as the general public begins to awaken to the real love and taste for flowers, particularly those grown outdoors, there will be presented to the fruit and vegetable farmer, or anyone cultivating the land, one of the greatest opportunities for increasing his income that one could imagine. While at the present time we are too dependent on certain markets to justify every farmer or fruit grower in going into the growing of flowers for profit, yet I believe the time is coming when conditions will change, and it will be the expected and common thing to see a flower section on every farm. This condition will be hastened when the housewife looks upon flowers as a necessity, or at least an important part of the home decoration. There are some sections of Europe where this condition prevails, and as the marketing is done each day a bunch of flowers for the table, or other decoration, is included, just the same as vegetables, fruits, etc.

While there are many flowers that can be grown for cut flower purposes with profit, we want to deal in this paper particularly with peonies and gladioli. One advantage of these two flowers is that we can get returns at both ends; that is, from both the roots and blossoms.

The Gladiolus.

First we take up the gladiolus. The popularity of this flower has increased amazingly during the last five years, and it is no wonder when we consider the wonderful beauty of the newer varieties, and the many good qualities of this king of summer flowering bulbs. When we also take into consideration the possibilities of developing its popularity by judicious advertising and exhibits, it presents one of the best propositions as a side crop for the farmer for several reasons. Among these reasons is its ease of culture. There is no flower grown that will thrive and do well under nearly all conditions as will this flower. While it enjoys special care in the way of good soil, yet it will give splendid returns and do the best it can under ordinary conditions and in ordinary soil.

Again, the bulbs are easy to care for over winter. Of course they are not hardy, so must be taken up before freezing in the fall and stored in some frost-proof place. If they are put into trays and stacked up so that a circulation of air can reach them, they will keep in good condition until planting time in the spring. The blooms are easy to handle and make one of the best flowers to ship, as they have considerable substance in the stalks, and even after a trip of two or three days they will freshen up soon after being put in water. The lasting quality of the flowers is another point in their favor, as a spike will last in fairly good condition from one to two weeks, if the water is renewed every two or three days and old flowers are removed and part of the stem cut off.

Varieties of Gladioli.

As to varieties, while the gladiolus enthusiast will enjoy testing every variety put on the market, I believe that when it comes to growing for commercial purposes it is much better to confine ourselves to a few varieties. The important part is to have the main crop in the principal colors, such as light and dark pink, a good red, and a white or light colored variety. There is occasionally a call for yellows and other combinations of colors, but what is true of roses, carnations, etc., is true of the gladiolus; that is to say, what is most generally wanted is solid colors confined to a few varieties. As has been stated before, if the gladiolus crop is handled properly there is a good return for labor and trouble, as the sale of flowers will usually pay the expense of cultivation and more, and if such varieties as America, Augusta, May, Brenchleyensis, Shakespeare, etc., are grown, there is always a good market for the bulbs at a good profit, as you would sell the large bulbs that have bloomed and save the bulblets that form around the base of the old bulbs. These are sown in much the same way as garden peas in the spring, and during the summer they will make growth to the size of hazelnuts or larger. They are then lifted in the fall, and in the following spring they are again sown like garden peas, but not quite so thickly as the first year. They will make considerable growth during this second season and a large number of them will run from one-half to one and one-fourth inches, and a small percentage larger. These are usually sorted out and graded into different sizes and in the following spring are set up in straight rows, some two, some three and some four in the furrow, about four inches apart, and are covered three or four inches with soil. They will then give you their flowers during the summer and salable bulbs in the fall.

Another great advantage in the gladiolus is the length of its blooming season, as by early and late planting we can have the bloom from July to October. It is a good plan, and can be carried out successfully, to divide your bulbs into three or more lots and plant them ten days or two weeks apart. They can be planted as early as the ground can be worked and as late as July 1, provided you store the bulbs in a cool, dry place to keep them from starting.

Planting Gladiolus Bulbs.

In growing gladioli commercially I believe the best way to handle them is to plow the ground in the fall and again in the spring, in order to pul-

verize the soil just as much as possible. Then, if enough are to be planted so that it would pay to work a horse, the furrows should be three feet apart. When the furrow is open it is a good plan to go through with some sort of leveler, to pulverize the soil still further and to get a good, even surface. The bulbs are then planted similarly to onions. If they are planted in quantity, it is advisable to cover about five inches deep in the first instance, and after the bulbs have been planted about ten days or two weeks the weeder can be used, which will accomplish two things; namely, it will break up the surface and destroy all young weeds and will level down some of the soil, which after three or four weedings will be reduced at least one inch from the original ridge.

There is just one drawback that I see in the growing of gladoli for cut flower purposes, and this is not really serious. The bulk of the growers usually come in crop during the month of August, when, if we are depending on the city trade, the prices are likely to be at a low ebb, as the flower-buying population is usually away from the city, but if we can get in touch with the large summer resorts, there is a chance of supplying the blooms for the decoration of hotel dining rooms, etc., and they are fast becoming popular for these purposes. While we can never get a fancy price in the summer for field flowers, we have a condition which offsets it, and that is that we are not bothered with the constant care of a greenhouse, which needs watching night and day, to say nothing of the enormous coal bills that are to be met.

The Profits from Gladioli.

As to the prices we can expect for the flowers, this will vary in different parts of the country; for instance, during the month of August in the city of New York the flowers bring about 50 cents to $1 per hundred, but the early ones that reach market in July and the late ones that reach there in September bring as high as 75 cents and $1 per dozen. Prices in Pittsburgh and Chicago usually run somewhat higher. The bulbs of the standard commercial varieties sell at wholesale all the way from $10 per thousand up to $50 per thousand. Some fancy varieties are usually quite valuable, owing to the limited quantity of stock, and it is possible to get excellent prices from enthusiastic amateurs, even as high as $25 per bulb in some cases. Of course, this is the exception, but there are a good many varieties that sell every year as high as $15 to $30 per hundred. It is usually the case, however, that the high priced, fine varieties are slow propagators, so that it is impossible to get a large stock. It is possible to grow 40,000 or 50,000 large bulbs to the acre.

On the face of it, this may seem a large return, but we must remember that we are obliged to spread our account over three years, because it practically takes three years to get a salable bulb from the bulblet, and the expense of cultivation and care of gladiolus bulbs is somewhat greater than of ordinary farm crops.

As suggested before, gladioli are among the easiest flowers to ship. I have known a shipment to be packed up on Saturday morning and shipped by express to a distant city, and when they were opened on Monday afternoon and put into water they revived splendidly, keeping in good condition for exhibition purposes during the entire week, and this was in the warm month of August.

Peonies.

Now a word as to peonies. Where is there a person who does not experience a thrill of joy when this noble flower is mentioned? When you show me such a person, I will show you one that is not familiar with the peony of today. They are such gems of beauty! How I should like to be able to express in words just what I feel when I think of them! And I believe that when they are generally known they will be grown extensively. To be sure, harvesting the flowers of peonies is hard work, as their season lasts only about three weeks. The work usually comes fast and thick during that time, if we expect to realize on all of the blooms.

Peonies have an advantage over gladioli in that they are perfectly hardy in almost any part of the country and do not have to be lifted and planted each year. In fact, to get the best results it is necessary to leave them undisturbed for at least three years; they can even be left six to ten years without any disadvantage, and they will increase in size of bloom and plant each year. Therefore the return from the flowers will be greater each year, and when you come to lift the plants for dividing there will be a splendid increase, as the clumps can be cut up into divisions containing two or three eyes each. No flower loves care and attention as does the peony, and the more we feed it and cultivate it, the more it will respond to our care.



Ptychosperma Elegans.

Planting Peonies.

The planting should be done with the greatest care and it is not enough simply to dig a hole and drop in the root, but the ground should be thoroughly prepared if one expects to realize the highest quality in the flowers, as well as the highest prices. If you are planning to grow peonies, it will pay to select your ground at least a year in advance and begin to prepare it by enriching the soil with a liberal quantity of well rotted manure, plowing this under to allow it to become incorporated with the soil. The roots should be planted in furrows at least four feet apart and the plants should be three feet apart in the rows. By giving them this space you will be enabled to cultivate them thoroughly, and they will not need to be moved for four or five years or more.

The best time to plant peonies is during the months of September and October, as they are dormant at that time and stand transplanting better than at any other time of the year. The eyes usually make so early a start in the spring that it is with indifferent success that they can be planted at that time, and if they are planted in September under good conditions they will give some flowers the first year.

The Returns from Peonies.

To realize the best prices for the flowers we ought to get the earliest varieties, as they are recognized as the principal flowers for Decoration day trade, and if we can be fortunate enough to have them in bloom on that day we can realize good prices. It is better to have a few standard varieties than a large number, and the following list can be depended on:

White—Festiva Maxima, that glorious white, with just a dash of crimson in the center; Couronne d'Or, Duchesse de Nemours, Mme. de Verneville and Queen Victoria. Pink—Edulis Superba, Lady Bramwell, Livingstone and M. Jules Elie, claimed by some to be the finest of its color in size and form. Red—Adolph Rousseau, Felix Crousse and Officinalis Rubra.

Everything about the flower business is not rosy, as flowers, if anything, are more perishable than fruit and vegetables, and much depends on cutting at the proper time, even to a day. While some use is made of cold storage facilities, it is only on occasions that it works out well to put them in storage, for while they can be kept in fair condition while in storage, they go down fast when taken out and it is far better to handle them as fresh flowers.

Another point in favor of gladioli and peonies from the fruit grower's standpoint is that they fit in well as to seasons of blooming. The flowers of the peonies come usually ahead of strawberries, and gladioli come ahead of peaches, or will if planted early enough, which is quite possible and desirable, both from the standpoint of better prices and getting them out of the way of other crops.

PALMS AT LOS ANGELES, CAL.

The accompanying illustrations will give eastern readers a good idea of the tropical growth of palms and other plants in the favored clime of southern California. The specimen of Jubæa spectabilis is growing at the Homer Laughlin home at Los Angeles, and, while it might not be safe to say that it is the finest specimen growing outside in the United States, there certainly are few, if any, to beat it. J. spectabilis is a native of Chile and is said to grow farther south than any other American palm.

Ptychosperma elegans is perhaps better known to the trade as Seaforthia elegans and is of Australasian origin. It makes a handsome palm outdoors at Los Angeles, thriving best in partial

shade, though the plant illustrated holds its foliage and color well and is growing in the full sun.

The plant of Phœnix Canariensis is not growing at Los Angeles, but a few miles distant, at Pasadena. As will be noted, the plant is finely developed, having held its fronds for a number of years. It is a quick growing, robust palm, needing ample room for its full development.

Rhapis flabelliformis is another beautiful palm when well grown, and one that is not as much grown as it deserves to be.

LILY FOLIAGE BROWN AT TIPS.

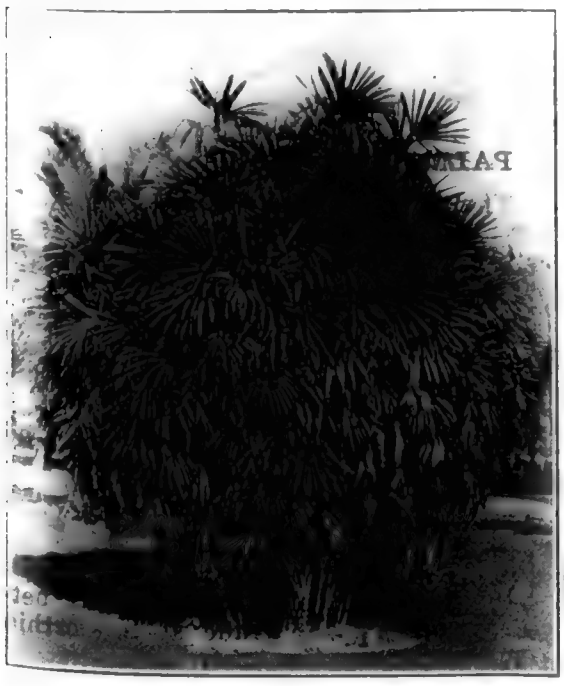
Can you tell us what makes the ends of the leaves on lily plants turn brown?
K. B. F. C.

There are two or three possible causes for the foliage on your lilies turning brown at the tips. If they are standing too close together and are hosed quite freely, an excess of moisture may start it. Overdoses of stimulants, particularly those of a chemical nature, may produce a like result. Strong fumigations are another cause. None of these may meet your case, but if you can give the plants a night temperature of 60 degrees, water freely and care for them well the trouble should practically disappear, although occasional plants may continue to develop it, especially if they are kept too wet at the root. C. W.

TREATMENT OF CANDYTUFT.

I have a batch of candytuft just nicely out of the soil. At what time can I expect them to bloom, and at what temperature shall I keep them? Which would be better, to transplant into flats or into pots before putting them in the bench? How much space will each plant require in the bench?
W. D. H.

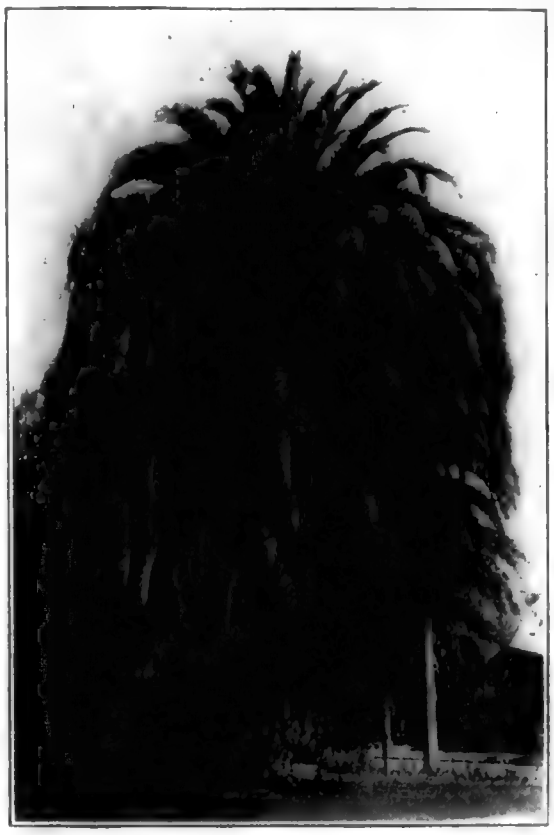
Candytuft is in great demand at Memorial day. Your plants are just a little late for that date, but it will pay to give them a little extra care. Pot off singly. When they are nicely established and before they become too much potbound, plant them out in beds or benches in rows twelve inches apart, allowing six or seven inches between the plants. The soil must be well enriched and such as you would use for carnations or chrysanthemums. Give them a temperature of 45 degrees at night. Raise this to 48 or 50 degrees as they advance, running them a trifle cooler as the flowers open. C. W.



Rhapis Flabelliformis.

ADIANTUMS.

Where adiantums have been resting for a few weeks they can now be overhauled and, where necessary, repotted. Large sized plants will carry for several years in the same pots if occasionally fed with liquid manure, but smaller sizes are liable to become starved if not shifted, and furthermore there is more or less danger of their drying out and losing much of their foliage. One severe drying off is generally sufficient to ruin the appearance of an adiantum, and this is most liable to occur with the smaller plants. Large plants can be divided, but these divided portions do not give as satisfactory returns as younger plants potted on. While the adiantums take kindly to soil containing considerable leaf-mold, and this is particularly good for young stock, larger plants want something heavier, and good pasture loam, with some thoroughly decomposed manure added and a good dash of sand, will grow excellent plants. Bone and chemical fertilizers are better not used in the soil, although a little Clay's or Bon Arbor in the water during the growing season is excellent for them. A. cuneatum, while still the species mostly grown, is not equal to A. Croweanum commercially. The growths of the latter are tougher and keep much better out of water.



Phoenix Canariensis.

PRIMULA OBCONICA.

With conditions favorable, how long should Primula obconica continue flowering? We have some that began flowering about January 10. We should like to hold some of them until Easter if this can be successfully done. They are in 5-inch and 6-inch pots and are well flowered. We are giving them liquid cow manure every week or ten days. They have a nice head of flowers, with spikes in all stages of growth.
T. S. M.

This primrose is persistent-flowering and will easily last until Easter in a cool house. In fact, it will bloom until June if wanted. Keep the faded flowers and seeds removed and continue to feed with cow manure as you are doing?
C. W.



Jubaea Spectabilis.

EFFECT OF SULPHUR IN WATER.

We are in need of information regarding the use of water from a sulphur water well, for irrigation. What effect will it have on flowering plants, such as sweet peas and asters, and what effect on the soil? We thought that perhaps some of the readers of The Review might have had experience along this line. We have a sulphur water well which will furnish all the supply we shall need and there is no other water available. D. R. W.

So far as the sulphur water is concerned, whether it will injure plants will depend upon the amount of sulphur and the form in which it is found. A small amount of sulphur would not be injurious and might be helpful, as it is a splendid fungicide. The trouble is more likely to come from various alkalis which are often associated with the sulphur in the water, but, as they are odorless, their presence is not suspected. If they are present in considerable quantities the water would not be fit for greenhouse use. The best way to determine whether or not it can be used with safety is to try it for watering a few plants and at the same time water the same number of other plants with water which is known to be free from sulphur and alkalis of all kinds.

East Bridgewater, Mass.—John K. Alexander, of the East Bridgewater Dahlia Gardens, has been reëlected president of the New England Dahlia Society.

verize the soil just as much as possible. Then, if enough are to be planted so that it would pay to work a horse, the furrows should be three feet apart. When the furrow is open it is a good plan to go through with some sort of leveler, to pulverize the soil still further and to get a good, even surface. The bulbs are then planted similarly to onions. If they are planted in quantity, it is advisable to cover about five inches deep in the first instance, and after the bulbs have been planted about ten days or two weeks the weeder can be used, which will accomplish two things; namely, it will break up the surface and destroy all young weeds and will level down some of the soil, which after three or four weedings will be reduced at least one inch from the original ridge.

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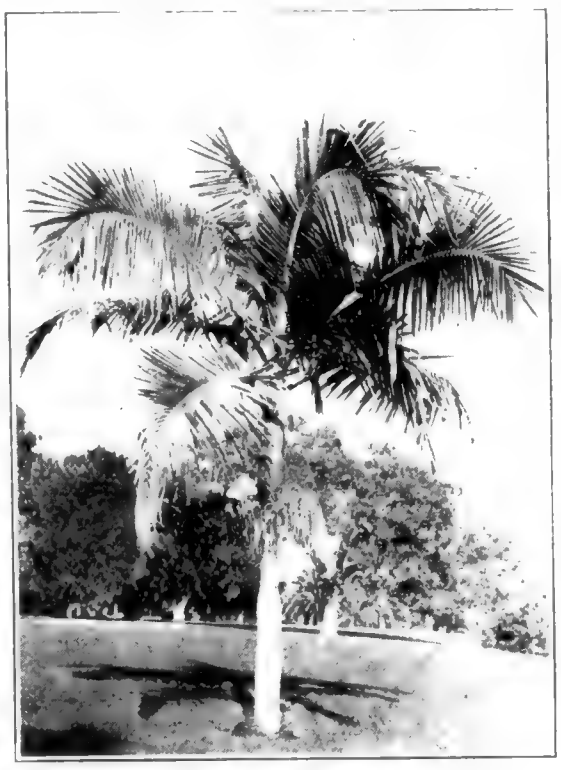
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Ptychosperma elegans is perhaps better known to the trade as Seaforthia elegans and is of Australasian origin. It makes a handsome palm outdoors at Los Angeles, thriving best in partial

shade, though the plant illustrated holds its foliage and color well and is growing in the full sun.

The plant of Phœnix Canariensis is not growing at Los Angeles, but a few miles distant, at Pasadena. As will be noted, the plant is finely developed, having held its fronds for a number of years. It is a quick growing, robust palm, needing ample room for its full development.

Rhapis flabelliformis is another beautiful palm when well grown, and one that is not as much grown as it deserves to be.

LILY FOLIAGE BROWN AT TIPS.

Can you tell us what makes the ends of the leaves on lily plants turn brown?
K. B. F. C.

There are two or three possible causes for the foliage on your lilies turning brown at the tips. If they are standing too close together and are hosed quite freely, an excess of moisture may start it. Overdoses of stimulants, particularly those of a chemical nature, may produce a like result. Strong fumigations are another cause. None of these may meet your case, but if you can give the plants a night temperature of 60 degrees, water freely and care for them well the trouble should practically disappear, although occasional plants may continue to develop it, especially if they are kept too wet at the root. C. W.

TREATMENT OF CANDYTUFT.

I have a batch of candytuft just nicely out of the soil. At what time can I expect them to bloom, and at what temperature shall I keep them? Which would be better, to transplant into flats or into pots before putting them in the bench? How much space will each plant require in the bench?
W. D. H.

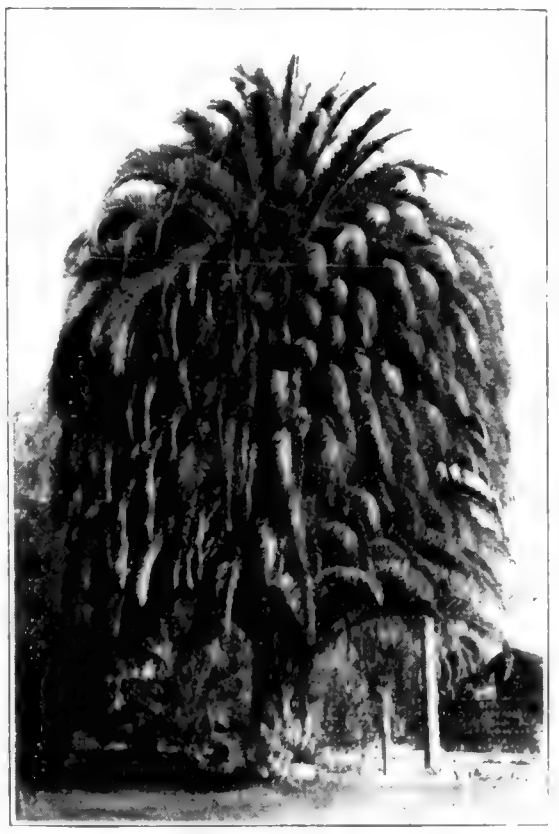
Candytuft is in great demand at Memorial day. Your plants are just a little late for that date, but it will pay to give them a little extra care. Pot off singly. When they are nicely established and before they become too much potbound, plant them out in beds or benches in rows twelve inches apart, allowing six or seven inches between the plants. The soil must be well enriched and such as you would use for carnations or chrysanthemums. Give them a temperature of 45 degrees at night. Raise this to 48 or 50 degrees as they advance, running them a trifle cooler as the flowers open. C. W.



Rhapis Flabelliformis.

ADIANTUMS.

Where adiantums have been resting for a few weeks they can now be overhauled and, where necessary, repotted. Large sized plants will carry for several years in the same pots if occasionally fed with liquid manure, but smaller sizes are liable to become starved if not shifted, and furthermore there is more or less danger of their drying out and losing much of their foliage. One severe drying off is generally sufficient to ruin the appearance of an adiantum, and this is most liable to occur with the smaller plants. Large plants can be divided, but these divided portions do not give as satisfactory returns as younger plants potted on. While the adiantums take kindly to soil containing considerable leaf-mold, and this is particularly good for young stock, larger plants want something heavier, and good pasture loam, with some thoroughly decomposed manure added and a good dash of sand, will grow excellent plants. Bone and chemical fertilizers are better not used in the soil, although a little Clay's or Bon Arbor in the water during the growing season is excellent for them. A. cuneatum, while still the species mostly grown, is not equal to A. Croweanum commercially. The growths of the latter are tougher and keep much better out of water.



Phoenix Canariensis.

PRIMULA OBCONICA.

With conditions favorable, how long should Primula obconica continue flowering? We have some that began flowering about January 10. We should like to hold some of them until Easter if this can be successfully done. They are in 5-inch and 6-inch pots and are well flowered. We are giving them liquid cow manure every week or ten days. They have a nice head of flowers, with spikes in all stages of growth.
T. S. M.



Jubaea Spectabilis.

This primrose is persistent-flowering and will easily last until Easter in a cool house. In fact, it will bloom until June if wanted. Keep the faded flowers and seeds removed and continue to feed with cow manure as you are doing?
C. W.

EFFECT OF SULPHUR IN WATER.

We are in need of information regarding the use of water from a sulphur water well, for irrigation. What effect will it have on flowering plants, such as sweet peas and asters, and what effect on the soil? We thought that perhaps some of the readers of The Review might have had experience along this line. We have a sulphur water well which will furnish all the supply we shall need and there is no other water available. D. R. W.

So far as the sulphur water is concerned, whether it will injure plants will depend upon the amount of sulphur and the form in which it is found. A small amount of sulphur would not be injurious and might be helpful, as it is a splendid fungicide. The trouble is more likely to come from various alkalis which are often associated with the sulphur in the water, but, as they are odorless, their presence is not suspected. If they are present in considerable quantities the water would not be fit for greenhouse use. The best way to determine whether or not it can be used with safety is to try it for watering a few plants and at the same time water the same number of other plants with water which is known to be free from sulphur and alkalis of all kinds.

East Bridgewater, Mass.—John K. Alexander, of the East Bridgewater Dahlia Gardens, has been reëlected president of the New England Dahlia Society.

SEASONABLE SUGGESTIONS

Lilies.

At the end of February, if lilies are not showing their buds, they are late and to get them in flower for Easter they must have a temperature of 65 to 70 degrees at night and be frequently sprayed. It will pay to do this forcing now, for it is well to remember that lilies are little in demand after Easter and fetch only low prices. Watering once a week with weak nitrate of soda water also has a tendency to forward these laggards. Plants with buds prominently showing will be all right in an average night temperature of 55 degrees. Where the buds are already hanging down a colder house is necessary, but do not move from a high temperature house directly to a cold one or many buds will be destroyed; place in an intermediate temperature for a few days first.

Ampelopsis Veitchii.

There is always more or less call for Ampelopsis Veitchii. This popular hardy climber is the best clinging vine that we have for covering stone, brick or woodwork. If a good stock is wanted sow seeds now; they are not long in germinating. Pot them off singly later and gradually harden off. If plunged over the pots outdoors, they will make considerable growth the first season if afforded some water during dry weather. An easier plan, of course, is to plant out the seedlings. This causes a stronger growth, but such plants are not so good for your customers as those from pots.

Feverfew.

Feverfew is a useful crop for Memorial day. It is not in much demand at any other season, but the flowers stand shipment well and although the odor is not specially agreeable, it is always in great request for bouquet work. The earlier the plants are got into the bench the better the crop will be. Give a generous compost such as would produce good mums or roses and the feverfew will revel in it.

Cinerarias for Easter.

While Easter comes moderately early this season, it is a little late for cinerarias, but if a cool house is at disposal, with the glass well shaded, the plants can be held back nicely. The night temperature can go down to 38 degrees or 40 degrees, or, in fact, anywhere not down to actual freezing, without injuring them. There are some other plants, among which Primula obconica is quite important, which can be kept in good condition for the coming Easter if grown cool, airy and well shaded.

Seedling Primulas.

As soon as the seedlings of P. obconica, Sinensis, and the various other primroses have made their second leaves, and before they can crowd each other, transplant them into shallow flats of light soil, the major part of which is leaf mold with some sand. Shade them for a few days, then gradually expose them to the sun. They do not require a warm house; 50 degrees at night is sufficiently warm.

Fancy Caladiums.

The tubers of fancy-leaved caladiums can now be shaken out and started in flats of sand in a warm, moist house. Be careful to water the tubers only moderately or they will decay. Pot them up before root and leaf growth becomes too advanced. A mixture of equal parts fibrous loam and peat, with some old cow manure and coarse sand added, makes a good potting medium for these colored caladiums.

Hydrangeas.

In order to increase the stock of hydrangeas and produce strong plants for next fall, insert a good batch of cuttings now, selecting the non-flowering shoots. These will root in about a month, when they can be potted off. Kept growing along in pots outdoors through the summer or planted out in May, they will make fine stock for next fall.

The Editor is pleased when a Reader presents his ideas on any subject treated in

THE WEEKLY FLORISTS' REVIEW

As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU

Vegetable Seedlings.

Many florists do a considerable business on various vegetable plants, generally growing them in small flats containing twelve or twenty-four plants each, of tomatoes, lettuce, cabbage, cauliflower, egg plant, pepper or celery. It is a little early to sow all of these plants yet, but celery, cabbage and lettuce can be started at once, while tomatoes and egg plants are better sown a little later. All these grow best in a light and moderately rich soil.

Foliage Plants.

March is an excellent month in which to do any necessary overhauling among the pandanus, crotons, dracænas, marantas and other foliage plants. The bulk of these plants need an annual potting or surface dressing. Nearly all do well in a compost containing some fern fiber or peat in addition to loam, but this is not really necessary. Marantas like some peat, as do anthuriums such as Andreanum and colored varieties like Veitchii, but crotons and dracænas do well in pure loam with a little old manure and sand added. Frequently plants can be shaken out of their pots, have their bulbs picked over, fresh drainage be given them and some new surface soil and the same pots will carry them for another year.

The young stock rooted during the present winter should have a bench where they will get the benefit of some bottom heat and be kept freely syringed. It is astonishing how quickly they fill the pots with roots in a warm, moist, genial atmosphere. It will be necessary to give a light shading to some of the colored-leaved foliage plants now, to prevent scorching. Be sure to make it light, however, as we are still likely to get considerable dark and gloomy weather.

Miscellaneous.

Now is the time to prepare a goodly supply of flats for seed sowing and transplanting seedlings in. Do not wait until the plants are ready for the flats and discover that you have forgotten to stock up on them. Also see that a necessary supply of pots and pans is on hand, and, of course, it is needless to remind the average grower that plants thrive best in clean pots. It is most important to have the insides of the pots clean, but it is best to have the outsides clean also. New pots should always be well soaked in water before being used.

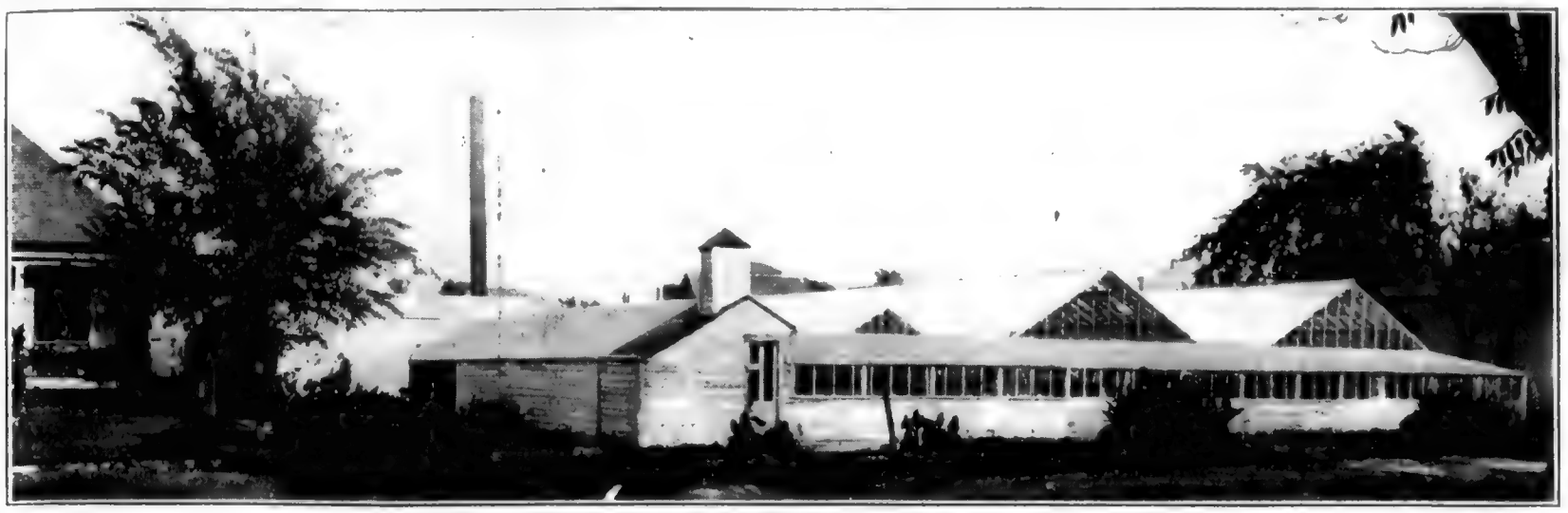
BUSINESS EMBARRASSMENTS.

Chattanooga, Tenn.—Oscar Scheiske has filed a voluntary petition in bankruptcy. Assets, $300; liabilities not stated.

PETUNIA PLANTS TURN YELLOW.

Can you tell me why my petunia plants turn yellow? Sometimes they are quite small when they become affected, but more frequently they seem to be all right until they are three or four inches across; then the trouble begins in the center of the plant and spreads until the plant is a sickly yellow. I lose a lot of the plants every year. The soil I use is rotted manure from the bottom of hotbeds. I put it in for the heat one year and it rots until the next year. It is horse manure. Is it too strong for petunias? I have a number of large hotbeds, and everything except petunias and verbenas seems to do well in the soil. I use it for all kinds of plants. Will you please tell me what you think is the trouble, and suggest a remedy? C. A. H.

The soil you are using is too strong for your petunias and other seedlings. Instead of using the pure manure, add



Establishment of Loyd C. Bunch, Fredonia, Kan., Showing Bedding.

equal parts of loam and leaf-mold to it. If you have no leaf-mold, use your original compost and loam in equal parts. Your compost is splendid for adding to soil for seedlings, but even in its decomposed state is rather too strong by itself. C. W.

HANGING OUT THE WASH.

I have often read in The Review that a florist should "wash all you got and hang out all you wash." I tried that last spring and am sending you photographs to let you see my results. The pictures were made September 20, 1911. It was so terribly dry last spring and summer that stock did not make the showing it should have made, but I am proud of what I did get. The space between the curb line and sidewalk, around my grounds, is ten feet wide. I find it will grow all the bedding plant stock I need, and some to spare, which easily sells at wholesale through offering in the Classified columns of The Review. I profit from this method of planting in several ways: I save my ground proper for other uses; by producing my bedding stock here I don't have to cut the grass or weeds, and have a place that is the talk of the town. The beds shown in the view of the back of the place are raised, supposed to be terraced, but it was impossible to get sod, it was so dry. This was a rubbish catching hole in the ground that looked like sin. It takes lots of soil to fill a hole as large as that three feet deep, but it took only a few loads to make it look as it does. The walks take up a good bit of the space.

I often read inquiries in the heating department about gas fuel, etc. I think I have my heating system down to date. I have thermometers in each house that connect with a bell at my bedside. There is an electrical alarm water column on the boiler. Then I have a steam regulated gas burner which cuts the fire down or turns it on as required. In short, I use gas for fuel on a steam system and sleep without being afraid of something going wrong. I see to it myself that these safety devices are working and I can say with Antonio, "My ventures are not all in one bottom trusted."

Loyd C. Bunch.

GLADIOLI A SECOND SEASON.

After forcing gladiolus bulbs, such as Blushing Bride and Peach Blossom, are they good to use again or what shall I do with them? R. S. H.

The varieties of gladioli named will make up excellent bulbs, larger than those which come each fall from Europe. They do not, however, for some reason, flower at all satisfactorily if forced a second season. We have made several experiments with these bulbs and are now satisfied that it pays best to purchase new bulbs each season, especially when their wholesale price is so low. C. W.

LEAF MINERS ON MARGUERITES.

I am enclosing some diseased marguerite leaves. Will you kindly tell me what to do for them? I have noticed one or two tiny black flies buzzing over the plants. Do these lay the eggs that make the little grub under the skin of the leaf? C. M. B.

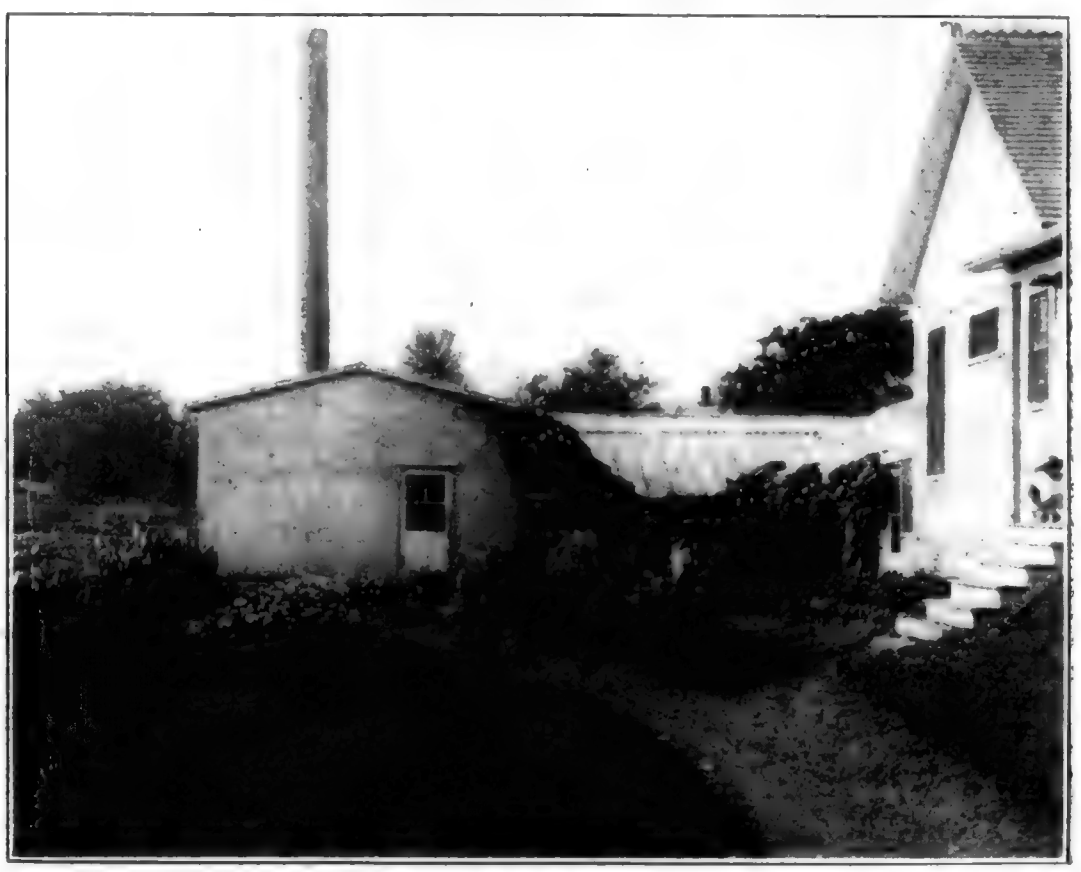
The leaves have been skeletonized considerably by the attacks of a leaf miner, which is often found on marguerites, as well as on quite a variety of outdoor plants in summer. Marguerites, if planted in close proximity to beets, spinach and other plants similarly affected, are liable to have these leaf miners working within the tissues of their leaves when housed. Picking off affected foliage will relieve the situation if it is not too acute. In bad cases it is best to head the plants back and let them break again. Spraying twice a week with a nicotine extract has been found helpful by some growers. C. W.

GLADIOLUS TROUBLES.

The gladiolus situation is certainly in a condition to cause many of us to wonder what the future will bring. As a commercial flower it is surely taking its proper position in the cut flower trade, and there seems to be nothing to compete with it strongly. It is just beginning to show its real value and well deserves the best attention that can be given.

In late years the experiment stations have been endeavoring to find out the causes for the various diseases that affect the corms, and with some good results. One thing has been clearly brought out, and that is, that present conditions need attention. When we attack Mother Nature we are up against a never-ending problem. Just when we think we have it, just then is the time we haven't. In looking at the question as a whole, I have often wondered how we are able to grow as good stock as we do. From the beginning everything that grew was sim-

[Concluded on page 53.]



Grounds of Loyd C. Bunch, Fredonia, Kan.



SWEET PEA STEMS ARE SHORT.

Will you kindly give me some information about my sweet peas? I commenced to pick them just before Christmas and the stems were ten to sixteen inches long. Now a great many of them are three or four inches long. What is the reason for this? They have a night temperature of 52 degrees. The vines seem to be all right and we are picking large quantities. The shortening of the stems began in the end of the greenhouse farthest from the boiler. I heat with hot water. They are in solid beds, with four or five inches of space between the vines, but they are sending up lots of shoots. What can I do to make them lengthen their stems?

C. G. P.

The fact that your sweet peas had excellent stems six weeks ago and are now coming short would indicate that they have used up much of the available plant food and are in need of stimulants. Of course, plants which may have been flowering for two or three months will naturally come a little shorter stemmed, but there should not be so decided a shortening as you have had. I would advise watering with cow or sheep manure water, and in addition give a good top-dressing of the sheep manure and fine bone. These can be given together or separately. After applying, lightly point over or hoe the surface and then soak thoroughly with water.

Sweet peas require quite rich soil. This should be well trenched over, working in plenty of cow manure. A coating three inches thick is not too much to apply each season. Keep your night temperature as near 50 degrees as possible, and by regular feeding your plants will soon come with longer stems.

C. W.

GREENHOUSES WRECKED.

A tornado swept over the city of Shreveport, La., at 4 o'clock in the afternoon of Tuesday, February 20, leaving death and destruction in its path. The accompanying illustration shows the residence and greenhouses of A. J. Manhein, photographed the day after the storm. In the destruction of the residence the life of the 2-months-old child of Mr. and Mrs. Manhein was lost, the body being found a block from the home. The greenhouses and stock are a total loss. Rebuilding will be begun at once.

NEW YORK.

The Market.

Sunday, February 25, was springlike and everybody seemed to be wearing violets. The street merchants were at every corner. The surplus price was 10 cents per hundred, wholesale, and one veteran violet authority declared there were "so many in the market that they could not be given away." The average price for the best and freshest arriving was 25 cents and few sold above that figure. The one redeeming feature, from the growers' standpoint, was the American Beauty. So scarce have Beauties been that the few perfect ones that arrived Monday morning sold at $1. This high-water mark was touched several times during the last week. The supply of roses now increases daily and prices are on the down grade. The warm, bright days of last week started the big shipments in earnest. Richmond has been in good demand and exceptionally fine, touching 20 cents at times. The newer varieties are in constant demand and light supply, but of Killarney, Bride, Maid and Maryland there will be, from now on, practically no limit.

It is difficult to account for the drastic cut in carnation values; 50 cents to $2 are the extremes. It is not fair to quote prices on the new varieties, as only a few arrive, and these have their destination fixed before shipment. The street men have been offering carnations and violets in about equal quantities and the sales Sunday were enormous.

The fashion of flower wearing seems to be reviving. Many orchid and valley corsages were on display on Fifth avenue Sunday morning. Cattleyas still are abundant, and the price is stationary, 40 cents apparently being top. Gardenias have touched $4 a dozen again for the selected. There is plenty of valley at the regular winter rates. Lilies are down to 6 cents and under and growing abundant again. This applies to callas also. Bulbous stock floods the market. There is no decrease in the supply of tulips and only a few of the varieties are salable at living prices. Hyacinths, narcissi, daffodils, daisies, sweet peas and mignonette are in overabundant supply. There has been no change in the quotations for asparagus and smilax.

Various Notes.

The event of this week will be the Greek-American florists' annual ball. Everybody in the wholesale district takes this in, employers and employees, and many of the prominent retailers will be there, including every Greek florist in the big city. Harmony and union as a valuable basis for success are here illustrated, for fraternity is the watchword of this wonderfully prosperous organization.

The next meeting of the New York Florists' Club will be held March 11. This will be rose and orchid night and exhibits may be sent care of Traendly & Schenck, 133 West Twenty-Eighth street. The success of the twenty-fifth anniversary banquet of the club, which will take place at the Park Avenue hotel, March 23, is already assured. Tables for six or eight may be secured in advance, by sending to Secretary Schenck for tickets.

Sydney Wertheimer, of Wertheimer Bros., has returned from a successful western trip. He says business is booming and the outlook for the Easter trade immense. This ribbon house has now ten travelers.

The auction houses will reopen about the middle of March.

Lion & Co. are much pleased with their new headquarters on Fourth avenue, overlooking the Park at Union Square. M. Americana Alexander, one of the firm's salesmen, is back from a seven weeks' canvass and Julius Berg, a other successful representative, has arrived from a six weeks' trip.

The Johnston Heating Co. reports a



Greenhouses and Residence of A. J. Manhein, Destroyed by Tornado, February 21.

busy season with its new boiler. The new offices of the company, at 131 East Twenty-sixth street, are decidedly convenient.

The latest branch enterprise, now so popular a policy with some of the wholesalers, is the firm of Siebrecht & Siebrecht, this house having taken space on the first floor of the Coogan building.

The florists' supply houses already are rushed with Easter orders. Some novel designs in baskets are noteworthy. There has been no complaint all the season by the supply houses, as to any lack of business, the principal anxiety being to meet the call for prompt delivery.

Geo. Cotsonas says his new enterprise has been a growing success from the start. The Greek patronage is an immense factor.

The Growers' Cut Flower Co. finds its branch in the Cooper building helping to fill a long felt want—the want of room.

J. K. Allen has fully recovered from his tussle with bronchitis and says he is ready and waiting for a bigger Easter trade than ever.

Everybody is glad to hear of Charles Millang's rapid recovery. He was able to leave the hospital for his home last week, and hopes to return to the scene of his many enterprises in time for the rush of the Easter business.

Gunther Bros. contemplate calling their new carnation the American Association.

Badgley, Riedel & Meyer say they have no fault to find with anything but the weather, and that the volume of the Easter trade will be a big surprise to the street.

Robert Schultz, of Madison, is sending in some especially fine Richmonds.

M. C. Ford says the quality of Hession's carnations never was better than now. J. Austin Shaw.

OBITUARY.

Mrs. Wm. C. Barry.

Mrs. William C. Barry, Sr., wife of the well known nurseryman of the firm of Ellwanger & Barry, died suddenly at her home, 706 Mt. Hope avenue, Rochester, N. Y., February 20. Mrs. Barry had been ill for some time, but the end came unexpectedly. She is survived by four children, W. C. Barry, Jr., Frederick Barry, Arthur A. Barry and Mrs. Charles Stearns.

B. F. Waitt.

Benjamin F. Waitt, who had conducted a greenhouse business in West street, Wilmington, Mass., for a number of years, died of acute indigestion February 20, at his home near the greenhouses. He had been ill since the preceding Friday night. He was 66 years old and was born in Haverhill. He is survived by four sisters and a daughter, the latter making her home with one of her father's sisters in Haverhill. Two of the sisters live in that city and two in Lynn.

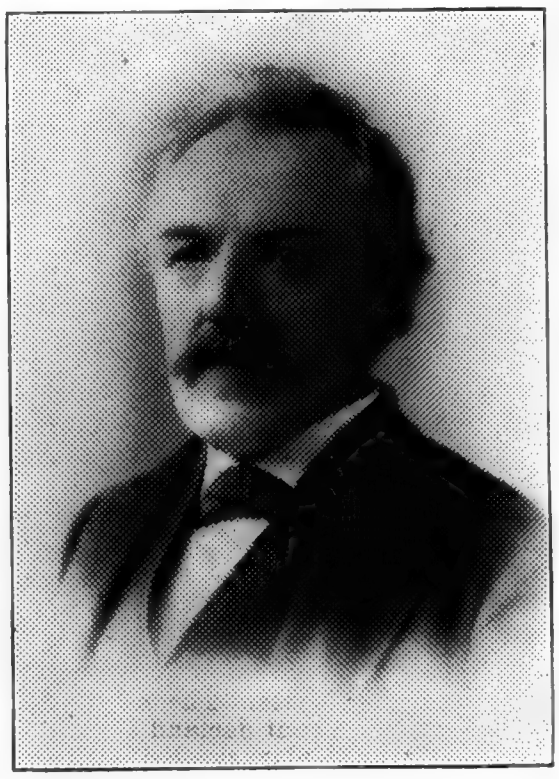
Christian Wildner.

Christian Wildner, 53 y
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a long illness of Brigh
Wildner had been
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known to nearly all the growers north of Chicago. He was born in Newburg, Wis., March 20, 1859, and removed to Chicago when a boy. He engaged in the wagon manufacturing business with his father before going into the lumber business. He was prominent in lumber business circles and was a member of the National Lumbermen's Association. Mrs. Wildner survives him, with two daughters, Mrs. Julia Seng and Mrs. George Nicholas.

Victor Schrage.

Victor Schrage, one of the pioneer seedsmen in the central states, died at his home in Cincinnati, February 18, 1912. He was born in Germany in 1834 and emigrated to this country in 1850, settling in Cincinnati shortly afterward. His first employment was as a machinist, which occupation he followed for a number of years. At the outbreak of the Civil war he took an active interest in the recruiting of the Ninth Ohio Regiment, which became famous as Cincinnati's "Fighting Germans," being composed almost exclusively of German residents of that city. Upon the close of the war Mr.



Victor Schrage.

Schrage engaged in commercial business and in 1870 established a seed store in Court street, where he was actively engaged until his retirement a year ago in favor of his son, G. A. Schrage, who is still operating Schrage's Seed Store. He became a recognized authority not only on seeds but on nursery stock, bulbs and plants, and his death caused general regret among the trade.

The memorial services, held at the residence in the evening of February 20, were largely attended. Burial was the following morning. The floral tributes, which were numerous and magnificent, were donated to the city hospital patients.

Easton, Pa.—During a recent cold night about $600 worth of plants were frozen in the greenhouses of Arthur B. Kleinhans. The fire door of the boiler was thrown open by an explosion of coal gas and thus the temperature was allowed to go down.

...NEWS NOTES...

De Kalb, Ill.—J. L. Johnson, of the De Kalb Greenhouses, has removed from the store on South Third street to 311 East Main street, where he will have considerably more space and better facilities. Hereafter he will handle seeds as well as flowers.

Bloomington, Ind.—J. H. Cain has sold a two-thirds interest in the Cain Floral Co. to Sam Scheinuk and Arnold Winkler, who have taken over the active management and will conduct the business under the name of the Standard Floral Co. They are redecorating the retail store and plan a number of changes in the growing department.

Ashtabula, O.—Two new florists' establishments will be started here during the coming summer. Charles Phelps will build a plant north of Prospect, between Benefit street and Woodman avenue; and John Regner will construct one on the South Ridge, west of town. Mr. Regner was formerly manager of the Ashtabula Greenhouse Co.'s place, on Bunker Hill.

Des Moines, Ia.—The W. K. Fletcher Bulb & Floral Co. has leased for a long term a 40-acre tract of ground. Though this property is inside the city limits of Des Moines, yet it is so close to Valley Junction that the firm intends hereafter to have all its mail matter addressed to the latter town. Des Moines will be the shipping point, however, as formerly.

New Carlisle, O.—The weight of the snow February 20 caused the collapse of about two-thirds of the greenhouse establishment of W. M. Scharff, with an estimated loss of something like $3,500. The plant consisted of two houses, each 65x200 feet, of iron frame construction. The houses were filled mainly with celery, much of which was just ready for market.

Trenton, N. J.—The Blackmon Floral Co. has let the contracts for the erection of two greenhouses, 28x100 and 28x75. The houses will be located on Center street, below Lalor. The firm has also taken a lease on the entire property where it conducts a store, on North Broad street, and is remodeling the building, putting in a new store front and installing new fixtures.

Streator, Ill.—Mrs. M. E. Finkler has had an unusually busy season, with a great deal of funeral work and a good general trade. Besides using all the flowers she could grow, she has been obliged to buy a great many roses and carnations. She has 24,000 square feet of glass and grows the best market varieties of roses, carnations and chrysanthemums, as well as bulbous stock and bedding plants.

Shawnee, Okla.—A. Schoepen, formerly manager for the Otto Schwill Co., at Mempnis, Tenn., and C. E. Franke, superintendent of parks at Oklahoma City, have formed a partnership and have leased the establishment of the Brenner Floral Co., which some time ago went into bankruptcy. The business will hereafter be conducted under the name of the C. E. Franke Floral Co.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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SOCIETY OF AMERICAN FLORISTS.

Incorporated by Act of Congress, March 4, 1901.
Officers for 1912: President, R. Vincent, Jr., White Marsh, Md.; vice-president, August Poehlmann, Morton Grove, Ill.; secretary, John Young, Bedford Hills, N. Y.; treasurer, W. F. Kasting, Buffalo, N. Y.
Annual convention, Chicago, Ill., August 20 to 23, 1912.

Results bring advertising.
The Review brings results.

Some of the growers are having their own troubles in rooting Pink Delight carnation cuttings.

Some of the houses best worth dealing with do not allow wholesale rates to those who do not have printed letter-heads.

Some of the big growers say there is no demand for Lorraine begonia—all the buyers want Glory of Cincinnati for next Christmas.

This is the Leap Year Number of The Review, the first edition ever dated February 29 and the first time five publication days ever have fallen in the month of February.

Not a few subscribers save themselves the bother of annual renewal by sending The Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

Anonymous inquiries still come in, although it has been stated over and over again that no attention is paid to any communication which does not show the full name and address of the writer.

Mrs. F. F. Thompson, whose beautiful place at Canandaigua, N. Y., is one of the show places of the country, has contributed $500 to be used towards securing foreign exhibits for the National Flower Show and Chairman Totty expects to have a great many more such donors within a short time.

The preliminary plant schedule of the Third National Flower Show has been issued in pamphlet form, bound in a bright red cover, and mailed to all who are thought to be interested. Anyone who has been overlooked can secure a copy by dropping a line to John Young, secretary, 54 West Twenty-eighth street, New York city.

EAST AND WEST.

The circulation of The Review is distributed pretty evenly over the trade of the entire continent—the paper goes wherever there are florists, and the location of the advertiser appears to make little difference in his ability to use the paper with success. For instance, one mail brings the two letters printed below, one from New England and one from Wisconsin:

Please withdraw my advertisement for carnation cuttings. I have had good sales from it, am all sold out and have had to refuse a lot of orders.—James Wheeler, Natick, Mass., February 25, 1912.

We have a great many inquiries for the different items that we offer in The Review. It puts us on the map, and we are yours for more business.—Haentze Co., Fond du Lac, Wis., February 26, 1912.

DR. TRELEASE RESIGNS.

Dr. William Trelease, director of the Missouri Botanical Garden since the death of its founder, Henry Shaw, in 1889, has tendered his resignation to the Board of Trustees. Dr. Trelease gives as his reason for his action th need of more leisure for scientific search. He is ranked among the wor famous botanists. No successor been appointed.

Dr. Trelease was selected for the directorship more than twenty-two years ago by Henry Shaw, the creator of the Missouri Botanical Garden, commonly known by his name. He has built the garden up to be the finest botanical garden in America, with 12,000 species of living plants, 700,000 herbarium specimens collected from the flora of the world and a library of 70,000 books.

Dr. Trelease will remain in St. Louis, for the present at least, as he is making special studies for which the garden facilities offer exceptional opportunities.

PENCIL PUSHERS WANTED.

Practically all the larger cities of the United States, from 100,000 up, are represented in these columns by a weekly news-letter. Most of the cities are well represented—all the news is faithfully and impartially reported. But there are a few cities that are not represented in proportion to their importance in a trade sense. Here are some of them:

Washington, D. C.
Louisville, Ky.
Nashville, Tenn.
Minneapolis, Minn.
St. Paul, Minn.
Omaha, Neb.
Spokane, Wash.

The Review would be glad to hear from anyone who has an inclination for pencil pushing, located in any of the above cities, or others that may not be regularly represented in these columns. Correspondents should be connected with the retail branch of the business.

CHICAGO.

The Great Central Market.

Two blizzards within the week of February 21 to 27 pretty thoroughly demoralized the Chicago market. The fall of snow February 21 was the heaviest of the winter and, of course, the weather conditions retarded the rapidly rising tide of cut flower production; but the same conditions cut down demand even faster than they cut down production. The result was that after the first storm the market was seriously overloaded and had no more than effected a clean-up Saturday, February 24, than another all-day blizzard arrived February 26 to again cause stock to accumulate badly.

Old heads at the business say that they cannot recall a year in which the general line of cut flowers gave such low average prices in the last week of February as has been the case this season. Only a small part of the receipts were required to satisfy the legitimate demand, and the balance of the stock was sold for whatever it would bring, no inconsiderable quantity going to waste. The result was that the fair prices realized for a small quantity of selected stock were reduced to an extrem average by the sacrifices nec is said that the average v lines of stock have week in the month ere up to St. Val-

s that are not he crop of the season ssing for till can

Our Crops are on and All Cut Flowers are in

Large Supply

Quality Extra Good—Prices EXTREMELY Low

Now is the time the Retail Florists can make fine profits and attract a lot of new flower buyers by making big displays and pushing for business. On many lines prices can be offered that will double the daily sales and at the same time give the usual margin of profit. Write us about your plans. If you can use stock in quantity, we will quote you attractive prices. Don't wait. Do it TODAY.

KILLARNEYS
White and Pink

A big cut now on. All lengths. This is extra fine stock. It will sell on sight.

CARNATIONS
All Colors

We never have seen such good stock sell at such low prices right in the middle of winter.

SWEET PEAS
Long-stemmed, Fancy Stock

We have an enormous supply, fine, fresh and fragrant. They will sell like hot cakes if you get the people to see them.

VIOLETS
The Cream of the Crops

Run a special sale on these once a week and you soon will be selling thousands.

All Bulb Stock in Large Supply

FANCY GREENS ALWAYS ON HAND
We have a complete line—the best

Current Price List

	Per doz.
ORCHIDS	
Cattleyas	$5.00 @ $6.00
Dendrobiums	6.00
AMERICAN BEAUTY	Per doz.
Extra long stems	$6.00
Stems 30 to 36 inches	5.00
Stems 24 inches	4.00
Stems 15 to 20 inches	$1.50 @ 3.00
Short.....per 100, $6.00 @ $10.00	
ROSES	Per 100
White Killarney, special	$12.00
" " select	$8.00 @ 10.00
" " seconds	4.00 @ 6.00
Killarney, special	12.00
" select	8.00 @ 10.00
" seconds	4.00 @ 6.00
Richmond, special	12.00
" select	8.00 @ 10.00
" seconds	4.00 @ 6.00
Extra special roses billed accordingly.	
CARNATIONS	Per 100
Common	$1.50
Select, large and fancy	$2.00 @ 3.00
MISCELLANEOUS	Per 100
Violets, New York double	$0.50 @ $ 0.75
" single	.50 @ .75
Sweet Peas	.75 @ 1.00
" " spring bloomers	1.50 @ 2.00
Easter Lilies	12.50
Callas.....per doz., $1.50	
Valley, seconds	2.00
" select	3.00
" special	4.00
Daisies	1.00 @ 2.00
Paper Whites	3.00
Romans	2.00 @ 3.00
Mignonette	6.00 @ 8.00
Jonquils	3.00 @ 4.00
Daffodils	3.00 @ 4.00
Freesia	2.00 @ 4.00
Tulips	3.00 @ 4.00
DECORATIVE	
Asparagus Plumosus..per string,	.50 @ .75
" "..per bunch,	.35 @ .50
" Sprengeri.. "	.25 @ .50
Adiantum, fancy, long....per 100,	1.00 @ 1.50
" medium..... "	.50 @ .75
Smilax.....per doz., $2.00	15.00
Mexican Ivy.....per 1000, 6.00	.75
Ferns..... " 2.50	.30
Galax..... " 1.25	.15
Leucothoe Sprays	.75

Store open from 7 a. m. to 6 p. m.
Subject to market changes.

E. C. AMLING CO.

The Largest and Best Equipped
Wholesale Cut Flower House in Chicago

68-70 E. Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central.

FANCY ROSES

OUR CROPS ARE ON—PRICES ARE DOWN. We are in position to offer any quantity of any variety—any length of stem. The crop is large and the quality fine. Our Killarney, White Killarney and Richmond are particularly good. Don't hesitate to take orders. We will back you up with the goods.

ALWAYS WESTERN HEADQUARTERS FOR FANCY CATTLEYAS

LILIES
Giganteum Rubrum
Callas Auratum
There is no flower that makes as big a show as these Giganteums do. We can supply in thousand lots as easily as by the dozen. Glad to quote special prices on quantities.

CARNATIONS
We handle more Carnations than any other house in the west and do a very large shipping business with them because **the buyers know our stock will carry.** If you are not quite satisfied with the stock you are getting, it will pay you to write us about it. **Let us quote on quantities.**

VIOLETS
Princess of Wales
Marie Louise Californias
We are able to supply in quantity, and the season of large crops, fine quality and low prices is here. From now till Easter is the best time for pushing Violets. You push them; we supply you.

WHITE LILAC
The only supply in the west. **Extra fine stock, $1.00 per bch.**

FANCY FREESIA
Fine stock in quantity, $3.00 per 100. Try some today.

SWEET PEAS
We can furnish nice, long-stemmed Peas in all colors.

VALLEY
Always headquarters for the finest cut Valley—any quantity.

A. L. Randall Co.

Everything for Florists, L. D. Phone Central 1496 Private Exchange all Departments **66 E. Randolph Street, Chicago**

Mention The Review when you write.

be filled. Neither are Beauties in oversupply. There are a few fairly sizable crops being cut, but too many of the flowers are of only medium quality, and the demand for Beauties is not insistent. The crops of Killarney, White Killarney and Richmond are coming on heavily. Not only is there no difficulty in filling the orders, but prices have fallen. Roses are still doing better than other lines, however, for at this date last year rose prices were lower than at present, but a few days of bright weather will greatly increase the production and a further fall in prices is in immediate prospect. The quality is fine in all lengths.

Carnations are in extremely large supply and the prices are unusually low for the date and the quality. Carnations have given the wholesalers little trouble at any time thus far this season, but this is being made up for now and prices for the last week have been the lowest ever known in the month of February. Splits are numerous, because of the dark weather, and are hard to move with good stock so plentiful.

Violets have fared probably worse than any other item. The supply has been so much ahead of requirements that the average returns to growers have fallen to a point where there can be little profit in shipping to this market. The surplus has been sold to the peddlers at a nickel a bunch, and quite a few violets have gone to waste for lack of a buyer even at this price. Sweet peas are in extremely large supply for this date. The quality is fine, with prices extremely moderate. Bulbous stock is coming in heavily and those who run the special sales have been able to buy in quantity at almost their own figure. Some of the tulips now offered are the best of the season.

The green goods market is steady. Mexican ivy has been in demand and rather in short supply, but of everything else there is enough. Ferns generally are poor and the wholesalers have just been notified by the eastern shippers of an advance in price covering the next three months, which puts the ferns at the highest valuation ever known, indicating that good stock is decidedly scarce with the first hands.

There's Money for You in Goldfish



$5.00 per 100 and up

Send for Catalogue

and our Special Assortments. Largest dealers in Goldfish and Aquarium Supplies in the United States. Sea Moss, Japanese Fish.

AUBURNDALE GOLDFISH CO.
920 W. Randolph St., Chicago, Ill.
Phone Haymarket 152

Mention The Review when you write

Our Politicians.

The trade was interested in the aldermanic primaries February 27, as several candidates are florists or in the allied trades.

Peter Reinberg was renominated by the democrats of the twenty-sixth ward. A strong fight on him was made by the regular democratic organization, but Mr. Reinberg won handily by 797 votes. He had the support of the Harrison-Hearst alliance. It is a republican ward except when Mr. Reinberg runs. This time the total republican vote was 1,911, and the democratic vote 3,437. Mr. Reinberg's republican opponent at the election will be a Mr. Pretzel.

In the twenty-first ward William F. Scofield, a retail florist on North State street, secured the democratic nomination, receiving 1,185 votes, as against 1,429 for the five other candidates. His plurality was 557.

In the thirty-second ward Melville G. Holding was unopposed for the democratic nomination. Mr. Holding

SPECIAL!

THIS WEEK

Cape Flowers

Natural, 55c per lb.
Colored, 90c per lb.

These prices are good for the week of March 4 to 11 only.

Probably every florist will recognize that this is a bargain that ought to be snapped up. The prices are so much below what one usually has to pay for Cape Flowers that every store man had better buy a year's supply—the savings will pay big interest on the money invested.

Customers having orders for these goods placed with us for later shipment are invited to take advantage of this special offer by having the shipment go forward at once.

A. L. RANDALL CO.
66 E. Randolph St., CHICAGO

Mention The Review when you write.

is widely known among the growers, having for years been city salesman for a house that at that time sold a great deal of glass to florists.

The Spring Show.

The spring show is only a fortnight away. It opens in the Art Institute Tuesday, March 12. Final premium lists have been mailed and anyone who has not received one is urged to write for one to J. H. Burdett, secretary, 1620 West One Hundred and Fourth place, Chicago. Particular attention is called to the rules regard-

GREEN EVERYTHING GREEN

For St. Patrick's Day

AND OTHER DAYS

Green RIBBON—We carry four splendid brands, two in silk taffeta and two in satin taffeta, that provide for every need of any florist—each the best ribbon the money will buy.

Green CHIFFON—We have all kinds and widths, all colors as well as green. Prices lower than you would expect. We buy in quantity and sell close.

Green FIBER RIBBON—Just what you need for tying pot covers, cut flower boxes, etc. Also all other colors. Ask for samples and prices.

Green BABY RIBBON—For a hundred St. Patrick's Day uses. Also all other colors.

Green TISSUE PAPER—24 x 36, good stock, well colored. Also white.

Green WAX PAPER—24 x 36, first quality; also the same grade in 24-inch rolls.

Green TWINE—Soft finish, hard finish, or linen. A complete stock of all tying materials.

Green CREPE PAPER—Velvet, the richest looking on the market. Also all other colors, two-toned crepe.

Green WATERPROOF CREPE PAPER—The kind that lives up to its name. Also carried in all other colors.

Green TINFOIL—Fast colors; also violet foil.

Green TOOTHPICKS—Wired ready for use.

Green BASKETS—All shapes and sizes, lined and unlined. Also a great variety of other colors. Send for an assortment at $5.00, $10.00, $15.00 or $25.00. Returnable at our expense if you are not suited right down to the ground.

Green PORTO RICAN MATS—Three weaves, fine, coarse and wide. Also all other colors.

Green CHIFFON MATS—Soft finish, the finest mat on the market.

Green CAPE FLOWERS—A special bargain this week.

Green IMMORTELLES—They will come in handy.

Green SHAMROCKS—(Did you ever see any other kind?) Plants in 1-inch pots, $1.00 per doz.

Green CARNATION DYE—The best, 50c per pint; $1.00 per quart.

Green SHEET MOSS—Indispensable.

We have a complete stock of Easter Supplies. Order before the rush.

A. L. Randall Co.

Everything for Florists, L. D. Phone Central 1496 Private Exchange all Departments **66 E. Randolph Street, Chicago**

Are you watching our supply specials? See the one on page 26.

Mention The Review when you write.

PERCY

Not the Oldest
Nor the Largest
Just the Best

56 E. Randolph Street
CHICAGO

JONES

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ing time of entry and the labeling of exhibits. Exhibitors are earnestly requested to notify the secretary or the manager in advance regarding the space they will need, so an idea of the available exhibits may be obtained as early as possible.

No entry fees are required in any classes from private gardeners, and several of the Lake Geneva and Lake Forest gardeners have promised exhibits.

Carnations De Luxe

Largest blooms, longest stems, best keeping qualities and plenty of them.

Extra large, fancy.....$3.00 per 100
Choice, strictly fresh..... 2.00 per 100
Our selection, 1000 lots, $15.00

All seasonable Cut Flowers, Greens, etc., at lowest market prices.

Chicago Carnation Co.

A. T. PYFER, Manager

30 E. Randolph Street, :: CHICAGO

Mention The Review when you write.

In order to make a creditable display, all the exhibits it is possible to get are needed, and every florist in the Chicago neighborhood is urged to send something, whether he feels sure it will win a prize or not.

J. H. Burdett is secretary, and George Asmus is manager.

Various Notes.

Otto W. Frese and the Chicago Flower Growers' Association parted company Saturday, February 17, and for the time being John F. Kidwell, president of the company, will take active charge, with Charles Erne as

ROSES

Don't hesitate to order Roses of us simply because Roses have been scarce and high—our crops are on and Roses are both plentiful and cheap; also, the quality is fine. Order some today.

CARNATIONS

We can supply fine stock at rates that are low for the season. Write for special quotations on large lots.

Sweet Peas, Bulb Stock and Greens in abundant supply.

JOHN KRUCHTEN

162 N. Wabash Avenue, Phone Central 6269 **Chicago, Ill.**

PRICE LIST

Cattleyas	per doz.,	$4.00 to $6.00
Gardenias	"	3.00 to 4.00
BEAUTIES		**Per doz.**
Long stems		$5.00
Stems 30 inches		4.00
Stems 24 inches		3.00
Stems 20 inches		2.50
Stems 16 inches		2.00
Stems 12 inches		1.50
Short stems		$0.75 to 1.00
		Per 100
Killarney		$ 5.00 to $ 8.00
Richmond		5.00 to 8.00
White Killarney		5.00 to 8.00
Maid and Bride		5.00 to 8.00
My Maryland		5.00 to 8.00
ROSES, our selection		4.00
" extra select		10.00
Carnations, common		1.50 to 2.00
" fancy		3.00
Violets		.50 to .75
Valley		3.00 to 4.00
Easter Lilies	per doz.,	$1.50
Callas	"	1.50
Paper Whites, Romans		3.00
Tulips, Jonquils, Daffodils		3.00
Sweet Peas		.60 to 1.00
Asparagus Plumosus	per string,	.60 to .75
"	per bunch,	.35 to .50
" Sprengeri	per 100,	2.00 to 4.00
Adiantum Croweanum	"	.75 to 1.50
Smilax	per doz.,	$1.50 to $2.00
Ferns	per 1000,	2.50
Galax	"	1.00
Leucothoe	"	7.50
Mexican Ivy		1.00
Boxwood	per case,	7.50

Subject to Market Changes

Mention The Review when you write.

chief assistant. Mr. Frese had occupied the position of general manager since the organization of the association last August and was considered a decidedly capable business getter, having been connected with Poehlmann Bros. Co. and George Reinberg for a number of years previous to last summer. February 28 he resumed his old position with Poehlmann Bros. Co., where the shipping trade will be his special interest.

Ernst Wienhoeber, while not seriously ill, still is confined to his home. He has been at the store only a few times since Christmas.

N. J. Wietor says there is an extremely heavy call for cuttings of White Enchantress carnation.

Fred Lautenschlager was at Ithaca, N. Y., last week to exhibit the Kroeschell boiler, generator and piping system at the Farmers' Congress at Cornell University, which many growers under glass attended.

Seven candidates took the civil service examination February 27 for the position of head gardener at the Garfield park conservatories, the position recently made vacant by the death of John Sell. The examination was conducted, for the commission, by E. A. Kanst and W. N. Rudd. The result may not be known for some little time.

Phil Schupp says that the J. A. Budlong rose crop is coming on rapidly, the seven houses that showed the effect of leakage of gas having come out of it in first-class shape.

Charles L. Washburn, of Bassett & Washburn, celebrated his fifty-fourth birthday February 27, when he was kept busy receiving the congratulations of friends who wished him a like number of happy returns of the day.

A. F. Longren will take charge of E. H. Hunt's exhibit of greenhouse supplies at the meeting of the Illinois State Florists' Association, which will be held at Joliet, March 5 and 6.

Schiller The Florist has completed the spring housecleaning and the store and fixtures make a fine appearance in their new dresses. An imitation marble effect is carried throughout.

E. C. Pruner, of E. H. Hunt's, returned to Chicago this week after a 60-day trip through the west. He reports business good, with the exception of a few days during the big storm of a week ago, when things were at a standstill on account of delayed traffic.

Frequent shipments of goldfish to the Pacific coast have recently been made with almost no loss by the Auburndale Goldfish Co. Mrs. K. N. Cooper, manager, says that demand has been so good that the small sizes are practically all gone.

It seems almost like "shipping coals to Newcastle" when a Chicago firm

WESTERN

ORCHIDS

Chas. W. McKellar **162 N. Wabash Avenue, CHICAGO**

Headquarters

CURRENT PRICES

ORCHIDS

Cattleyas, Trianae	Per doz.,	$ 4.00 @ $ 5.00
Dendrobium Formosum, white	"	5.00 @ 6.00
Boxes assorted Orchids, $5.00 and up.		
AMERICAN BEAUTY—Specials,	Per doz.	5.00
36-inch	"	4.00
30-inch	"	3.00
24-inch	"	2.50
20-inch	"	2.00
15 to 18-inch	"	1.50
Shorter	"	.75 @ 1.00
Killarney	Per 100,	4.00 @ 10.00
White Killarney	"	4.00 @ 10.00
My Maryland	"	4.00 @ 10.00
Richmond	"	4.00 @ 10.00
ROSES, our selection	"	4.00
" extra special, select	"	12.00
CARNATIONS		
Select	Per 100,	1.00 @ 1.50
Fancy	"	2.00
MISCELLANEOUS STOCK		
Stocks, single	Per bunch,	1.00
" double	"	1.00 @ 1.50
Snapdragon	"	1.00 @ 1.50
Gardenias	Per doz.,	3.00 @ 4.00
Valley	Per 100,	3.00 @ 4.00
Easter Lilies	"	12.50
Violets, double		.50 @ .75
" single		.50 @ .75
Sweet Peas		.75 @ 1.50
Paper Whites		3.00
Romans		3.00
Mignonette		4.00 @ 6.00
Jonquils		3.00
Tulips		3.00
Daffodils		3.00
DECORATIVE		
Asparagus Plumosus	Per string,	.50 @ .60
Asparagus Plumosus	Per bunch,	.30 @ .50
Asparagus Sprengeri	"	.25 @ 50
Adiantum	Per 100,	.75 @ 1.00
Farleyense	"	12.00
Smilax	Per doz., $1.50 @ $2.00	
Mexican Ivy	Per 1000, 6.00	" .75
Ferns	" 2.50	" .30
Galax	Per 1000,	1.00
Leucothoe	Per 100,	.75
Boxwood	Per bunch, 25c; per 100 lbs.,	15.00

Subject to market changes

Don't overlook the fact that I have the best

ST. PATRICK GREEN DYE

on the market. Do not buy the expensive fluid when you can get this powder and mix it yourself. Per package, 25c; 3 packages, 60c; per dozen, $2.00, postage prepaid. A package will dye from 100 to 150 carnations. Order now.

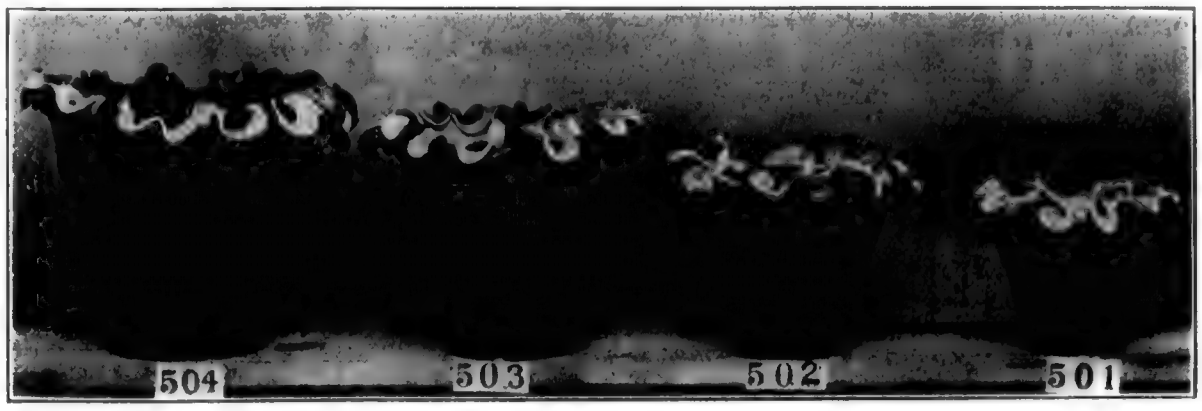
CHAS. W. McKELLAR

162 N. Wabash Avenue, CHICAGO

Mention The Review when you write

Waterproof Crepe Paper Pot Covers

Made of heavy Imported Waterproof Crepe Paper, has two elastic bands and rolled, scolloped edges of two colors.
Outside always Green, with lining of Pink, White or Nile.
Will fit Standard pots; easily adjusted for three-quarter pots or pans.
Indispensable during holiday rush.



No. 501—Price per 100.....$7.50
No. 502—Price per 100..... 9.50
No. 503—Price per 100.....$11.50
No. 504—Price per 100..... 13.50

Prices for large quantities on application. Order today.

M. RICE & CO. 1220 RACE ST. PHILADELPHIA

MANUFACTURERS—IMPORTERS—ORIGINATORS

THE LEADING FLORISTS' SUPPLY HOUSE AND RIBBON SPECIALISTS

See Page 31 for another "Rice Special"

Mention The Review when you write.

Roses, Carnations, Beauties
Valley, Bulb Stock, Peas.

Our stock, our prices and our prompt attention will compare favorably with what you are accustomed to. Why not send us today's order?

Batavia Greenhouse Co.

Greenhouses: Batavia, Ill. **L. D. Phone 2995 Randolph** **Store: 30 E. Randolph St., CHICAGO**

Mention The Review when you write

VIOLETS 60c 100

Order direct from the Largest Grower
Telephone—Telegraph connection

J. VONDER LINDEN
RHINEBECK, NEW YORK

Mention The Review when you write.

exports bulbs to Europe, but—Otto Wittbold recently filled an order for two bushels of small gladiolus bulbs for a firm in Holland. Nearly four cars of coal each week has been the toll demanded by the cold weather at the Edgebrook greenhouses.

A raise in greenhouse glass prices within the week is predicted by D. F. Webster, of the James H. Rice Co., and it will certainly be welcome—to the glass men. The latter say that the recent low prices have left nothing in it for the manufacturer and jobber.

Henry Wittbold has worked a transformation in the south half of the room so long occupied by the Flower Growers' Market, but which has been vacant for nearly a year. He has put down a waterproof floor and is building offices and demonstration rooms. A big stock of decorative plants already has been moved in. Percy Jones occupies the north half of the floor.

John Kruchten states that the Deerfield Nurseries is preparing to put up two more houses, thereby doubling the space for gardenias. The range now consists of two houses of gardenias, three in sweet peas and miscellaneous stock.

E. E. Pieser, of Kennicott Bros. Co., says that on figuring up it is shown that the growers have cut more flowers from January 1 to date than within the same period last year, but that the average prices have not been so good.

Mrs. L. H. Winterson is progressing

WHITE AND PINK
KILLARNEYS

Send your Rose orders here—they will be filled—our crops are on.
Fine stock in all lengths. Especially strong on White Killarney.

Also a big supply of Beauties and Carnations

As fine stock as the market ever has offered at this season of the year and a cut so large that PRICES ARE LOW

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Extra long	$5.00
36-inch stem	4.00
30-inch stem	3.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.25
Short stem	$0.75 @ 1.00

Perle	Per 100
Special	$10.00
Select	8.00
Medium	6.00
Short	5.00

		Per 100
Richmond	Special	$10.00
	Select	8.00
	Medium	6.00
	Short	$4.00 @ 5.00
Killarney, White Killarney, Mrs. Field, Maryland	Special	10.00
	Select	8.00
	Medium	6.00
	Short	4.00 @ 5.00
Sunrise	Special	10.00
	Select	8.00
	Medium	6.00
	Short	5.00

ROSES, our selection, $4.00 per 100.

CARNATIONS	Per 100
Fancy	$2.00
Splits	2.50
Harrisii	$1.00 @ 1.50
Sweet Peas	per doz., $1.50
Paper Whites	.75 @ 1.00
Romans	3.00
Tulips	3.00
Valley	3.00
Violets	3.00 @ 4.00
	.60 @ .75

	Per 100
Adiantum	$ 1.00 @ $ 1.50
Asparagus, sprays	3.00
" strings	60.00 @ 75.00
" Sprengeri	3.00
Smilax	per doz., $1.50 @ $2.00
Ferns	per 1000, 2.50
Mexican Ivy	.75
Galax, green or bronze	per 1000, 1.00
Leucothoe	.75
Boxwood	bunch, 25c

Subject to change without notice.

PETER REINBERG

35 E. Randolph Street, L. D. Phone Central 2846. **CHICAGO**

Mention The Review when you write.

rapidly after her serious operation and expects to be able to leave the hospital within a few days.

The new store, called Weiland's, in the basement of the Venetian building, on Washington street, probably will be ready to open by the end of this week. The room was furnished by Orr & Lockett and is extremely well fitted up. The display refrigerator is a fine one. Everything is in white enamel with gold trimmings.

Poehlmann Bros. Co. has discarded Perle des Jardins in favor of the newer yellow roses. At the city store the new stock of supplies is beginning to arrive.

A. L. Vaughan & Co. report that Frederick Sperry has written he has decided to locate at Los Angeles. Mrs. Sperry and son still are visiting in Florida.

John Zech, his daughter and her husband, returned February 24 from New Orleans. They enjoyed the Mardi Gras, but found the weather rather chilly.

A. C. Spencer, of Kyle & Foerster, and his straw hat, occupied the front page of the pink sheet of the Sunday Inter Ocean. It was a story that Archie's friends enjoyed immensely.

When seen at the store of the E. C. Amling Co. one day this week, H. C. Wendland said that the coal burned by Wendland & Keimel during this winter's long cold spell was fifty per cent greater than the quantity consumed last season.

Frank Johnson, of the A. L. Randall Co., is spending the last few days of each week on short trips to the principal cities where florists' supplies are in demand. This week he is at Minneapolis and St. Paul.

The Batavia Greenhouse Co. had a section man who was prized, for he had grown up in the place; but the doctors advised him to seek employment where the atmosphere was drier, so the concern is looking for a new man.

Visitors: Joseph Rolker, New York; J. Dan Blackistone, Baltimore; S. S. Skidelsky, Philadelphia; F. J. Olson, Ames, Ia.; J. G. Heinl, Terre Haute, Ind.; N. O. Welander, Miriam Park, Minn.; William La Hayne, Chesterton, Ind.; Edward Amerpohl, Janesville Wis.; the Washburn brothers. Bloomington, Ill.

ADJUSTABLE POT COVERS



Made of rattan, in foliage green, practically indestructible.

The only adjustable pot cover made with steel springs so as to cling closely to the pot.

No gaps to show on back, no rims to come off, no bottoms to break. Easy to slip on and take off.

Saves time, fuss and worry.

No. 904.....	8-in.	10-in.	12-in.	14-in.	16-in.	18-in.
Per piece....	$ 1.10	$ 1.35	$ 1.65	$ 1.90	$ 2.45	$ 3.00
Per dozen...	12.00	15.00	18.00	21.00	27.00	33.00

Sizes given fit those size pots.

Glance at these new prices; they are now within reach of everybody.

M. RICE & CO.,

1220 Race St., Philadelphia, Pa.

MANUFACTURERS—IMPORTERS—ORIGINATORS

The Leading Florists' Supply House and Ribbon Specialists.

See page 33 for another "Rice Suggestion."

ST. LOUIS.

The Market.

The cut flower market became dull during the latter part of the week as far as demand was concerned, though in other respects the market was at its best. Greatly reduced prices prevailed. The florists in the west end who do most of the social work report that trade has fallen off since Lent began, though considerable funeral work has helped out.

In the downtown district the store men say transient trade was a big feature last week, though reduced prices prevailed at all the downtown stores.

The wholesale men had a hard time disposing of their large consignments during the week. Violets and sweet peas were sold in large lots at low prices. All bulb stock is now coming in quite heavily and some extra fine tulips, Dutch hyacinths and valley were to be had daily at any of the wholesale markets. All of the above-mentioned flowers are a glut.

Roses have held their own so far, with no glut in sight. Still, a great many are coming in and prices have weakened. All are of the best quality except American Beauties, which are of inferior quality and have little demand. All grades in these are plentiful. The great snow storm on Tuesday, February 20, did not help the business any.

Various Notes.

The local trade was greatly surprised last week when the announce-

NOTICE

NEW YORK Consignments Solicited **BOSTON**

Our new store, 46 West 26th Street, New York City, is now open with a full line of Cut Flowers from the very best growers. Our specialties are:

Roses, Aaron Wards, Waddells, Tafts, Cardinals, Killarneys, Marylands, Richmonds and Beauties.

Carnations, all standard varieties; Jonquils, Narcissus, Paper Whites, Hyacinths, Valley, Violets, Orchids, Gardenias, Easter and Calla Lilies. We are in an excellent position to fill orders at a moment's notice. Our motto is "A square deal to both retailer and grower." Our shipping facilities are unsurpassed, as we make a specialty of shipping flowers to all parts of the United States and Canada. We strive to please. A trial order will convince you. A full line of Florists' Supplies and Hardy Cut Evergreens always on hand. Best quality, lowest prices and prompt service. Write, wire or telephone.

Henry M. Robinson & Co.

Wholesale Commission Florists, Dealers in
Hardy Cut Evergreens.
Importers and Manufacturers of Florists' Supplies.

46 West 26th Street, New York City

Gold-Design-Letters

Large stock always on hand.
Write for sample card and prices.

AMERICAN IMPORTING CO.
507 Temple Court Bldg., CHICAGO, ILL.

Florists' Refrigerators

Write us for catalogue and prices, stating size you require and for what **kind of cut flowers** you wish to use the refrigerator; also state whether you want it for **display** or only for **storage.**

McCray Refrigerator Co. 368 Lake St. Kendallville, Ind.

John F. Kidwell, President. Edward Meuret, Vice-President. Geo. E. Weiland, Sec'y. Anton Then, Treas.

The Chicago Flower Growers Association

WHOLESALE GROWERS of CUT FLOWERS and PLANTS

L. D. Phone Randolph 5449 176 N. Michigan Ave. Chicago

LENTEN OFFERINGS

SPECIAL

GALAX (Bronze), $5.50 per case 10,000

Extra fancy Valley.....$3.00 per 100
Fancy Cattleyas.....$4.00 per doz.
Finest Double Violets.....$5.00 per 1000
(Home Grown)
Extra fine Princess of Wales, Single Violets..... 5.00 per 1000
Large California Violets..... 3.50 per 1000
New York Double Violets..... 5.00 per 1000

Short and medium Roses are in steadily increasing supply.

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.
Subject to market changes.

CURRENT PRICE LIST

Grade	A	B	C	D	E	F	G
Beauties.....doz.	$ 5.00	$ 4.00	$3.00	$2.50	$2.00	$1.50	$1.25
Killarney.....100	10.00	8.00	7.00	6.00	5.00	4.00	3.00
White Killarney.....100	10.00	8.00	7.00	6.00	5.00	4.00	3.00
Maryland.....100	10.00	8.00	7.00	6.00	5.00	4.00	3.00
Richmond.....100	10.00	8.00	7.00	6.00	5.00	4.00	3.00
Maids.....100	10.00	8.00	7.00	6.00	5.00	4.00	3.00
Brides.....100	10.00	8.00	7.00	6.00	5.00	4.00	3.00
Carnations.....100	3.00	2.00	1.50	.....	.....	.....	.....
Cattleyas.....doz.	6.00	5.00	4.00	.....	.....	.....	.....
Valley.....100	3.00	2.00	1.00	.....	.....	.....	.....
Lilies.....100	10 00	8.00	.....	.....	.....	.....	.....
Callas.....100	12.50	10.00	.....	.....	.....	.....	.....
Paper Whites.....100	3.00	.....	.....	.....	.....	.....	.....
Mignonette.....100	4.00	3.00	.....	.....	.....	.....	.....
Violets, double.....100	.60	.50	.....	.....	.....	.....	.....
" single.....100	.60	.50	.....	.....	.....	.....	.....
Sweet Peas.....100	.75	.50	.40	.....	.....	.....	.....
Daisies.....100	1.00	.75	.....	.....	.....	.....	.....
Jonquils.....100	3.00	2.00	.....	.....	.....	.....	.....
Romans.....100	3.00	2.00	.....	.....	.....	.....	.....
Tulips, asstd. colors...100	3.00	2.00	.....	.....	.....	.....	.....
" Novelty.....100	5.00	4.00	.....	.....	.....	.....	.....
Smilax.....100	16.00	12.00	.....	.....	.....	.....	.....
Plumosus.....100	4.00	3.00	2.00	.....	.....	.....	.....
Sprengeri.....100	3.00	2.00	.....	.....	.....	.....	.....
Adiantum.....100	1.00	.....	.....	.....	.....	.....	.....
" Croweanum.....100	1.50	.....	.....	.....	.....	.....	.....
Galax.....per 1000	1.00	.....	.....	.....	.....	.....	.....
Ferns.....per 1000	2.50	.....	.....	.....	.....	.....	.....
Wild Smilax.....50 lb.	5.00	.....	.....	.....	.....	.....	.....
Mexican Ivy.....100	.60	.....	.....	.....	.....	.....	.....
" 1000	5.00	.....	.....	.....	.....	.....	.....
Boxwood.....bunch	.25	.....	.....	.....	.....	.....	.....
" .....50-lb. case	6.00	.....	.....	.....	.....	.....	.....

Mention The Review when you write.

ment was made that Dr. Wm. Trelease had resigned as director of the Missouri Botanical Gardens, which position he has held since 1885, being brought here by the late Henry Shaw, from the Wisconsin University. Mr. Trelease gives as his reason for leaving the gardens that he desires to give more time to his botanical works. The trustees of the gardens have not, as yet, made known his successor. Dr. Trelease is a member of the St. Louis Florists' Club and the Engelmann Botanical Club.

The trustees of the St. Louis Florists' Club have decided to hold the club's rose and carnation exhibition on the second floor of C. A. Kuehn's new wholesale house. This exhibition will take place Thursday afternoon, March 14, at 2 o'clock. All in the trade are invited to attend. Growers of new varieties in carnations and roses will find this a splendid opportunity to show the home growers a few blooms. The club meeting will take place the same afternoon and the members will attend in a body afterwards. A talk will be made on "Easter Stock" by Geo. B. Windler, John Held, C. C. Sanders and Emil Schray.

The city park department is making great improvements in all the parks on the north side, removing all fences. These have been replaced with hedges and shrubs. Several carloads of shrubs were put in, but the big snow storm last week put a stop to the work.

The meeting of the Retail Florists' Association on Monday night, February 19, was well attended. Alex P. Geranios, of the Metropolitan Floral Co., was elected secretary of the association in place of R. J. Windler, who declined reëlection.

W. C. Smith Wholesale Floral Co. had a lot of extra fine quality violets and sweet peas and, as the demand is not too large, the prices were greatly reduced on large lots.

At Geo. H. Angermueller's and H. G. Berning's large consignments of carnations came in daily, and in order to clean up on these the prices suffered. Bulk stock, too, came in large quantities. There are plenty of Beauties coming in, but the bulk of them are deformed, with no demand.

Charles Young, of the C. Young & Sons Co., celebrated his fourth wedding

IN ANY QUANTITY

MEXICAN IVY

A trial order will convince you of the merits of this increasingly popular green. We handle immense quantities fresh from the pickers.

Write for Our Quotations on This Stock in Quantity

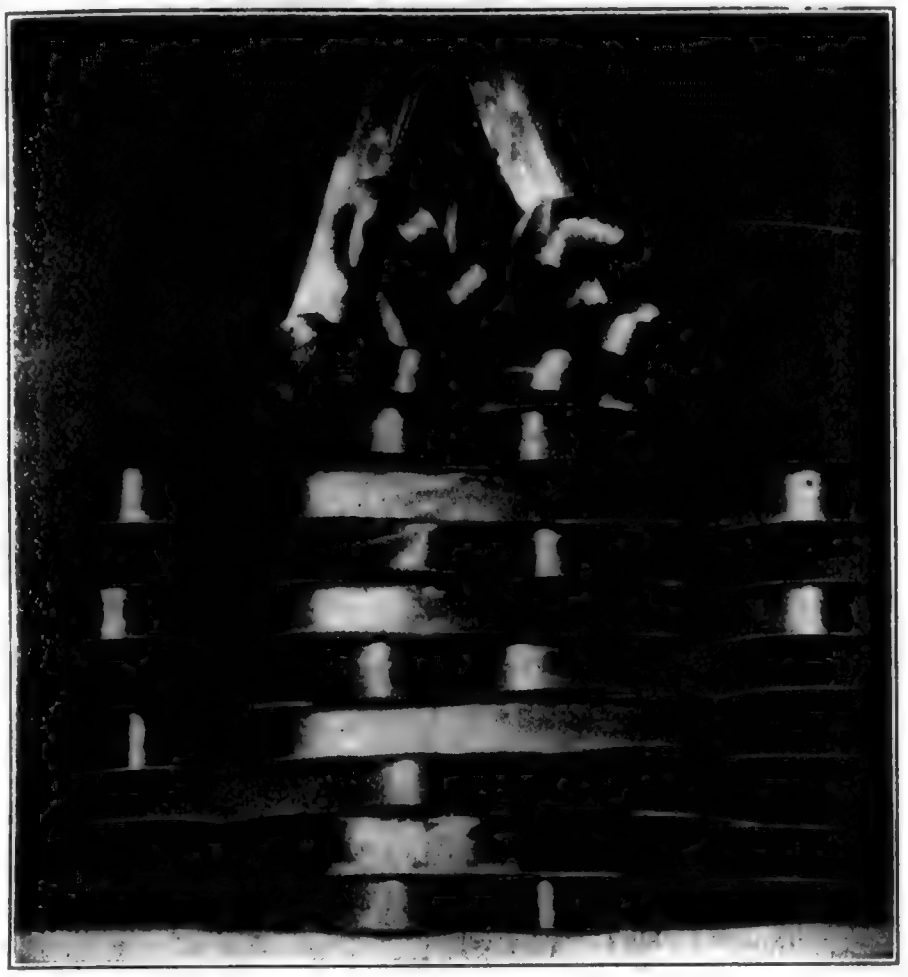
CREUTZ & CO., 403 W. Eighth St., LOS ANGELES, CAL.

Mention The Review when you write

USE Budlong's Blue Ribbon Valley

Mention The Review when you write.

Empress Silk Stripping



Made of silk fiber in two widths; one-inch and 2-inch.

Its body and strength is not to be found in regular ribbons.

The one-inch width is especially adapted for tying mats, crepe paper and flower boxes. The two-inch width is used for bows to enhance your plant basket arrangements.

Can be had in White, Pink, Lavender, Moss Green, Blue, Yellow and Red.

PRICES	Each
1-inch, price per reel of 50 yards	$1.00
2-inch, price per reel of 50 yards	2.00

M. RICE & CO.

1220 RACE ST., PHILADELPHIA, PA.

Manufacturers—Importers—Originators

The Leading Florists' Supply House and Ribbon Specialists

See Page 35 for another "Rice Seller"

Mention The Review when you write.

WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS
SHIPMENTS EVERYWHERE — IMMEDIATE DELIVERIES
CUT FLOWERS
154 NO. WABASH AVE. CHICAGO
PHONE CENTRAL 879

AMERICAN BEAUTIES
ROSES
CARNATIONS
ORCHIDS, GARDENIAS
VALLEY, VIOLETS
DAISIES, LILIES, Etc.
GREENS

At Lowest Market Rates

Weiland & Risch

154 N. Wabash Avenue
CHICAGO

Mention The Review when you write.

anniversary on the night of February 22, this being on Washington's birthday.

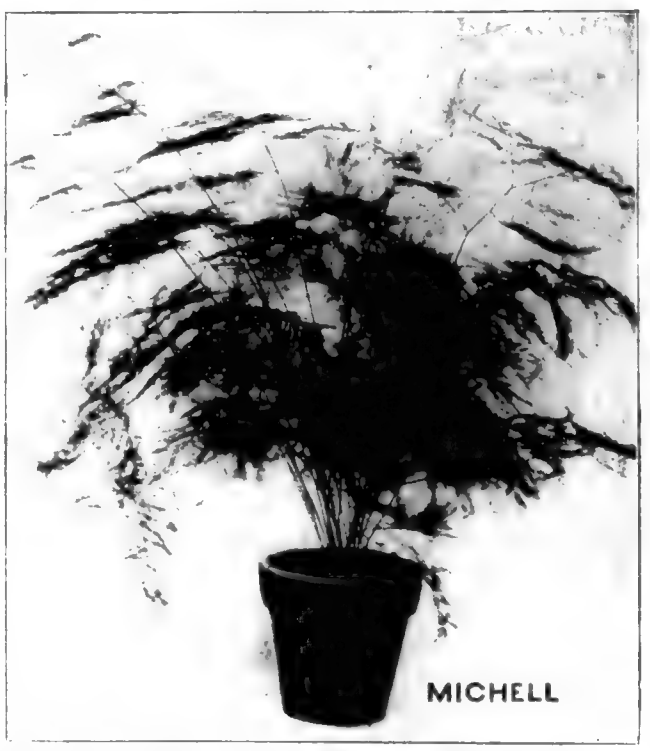
The local florists are facing a sphagnum moss famine. The local wholesalers are completely out of it and are not sure when, or how soon, a new lot will come in.

Jules Bourdet is consigning, to the wholesale market, an extra fine cut of lily of the valley and Paper Whites. His Easter stock of blooming plants will be exceptionally large this year.

Max Rotter, who is now located at

ASPARAGUS PLUMOSUS NANUS SEED

NEW CROP



We are headquarters for the true greenhouse grown strain.

Absolutely fresh and of high germination.

100	seeds	$ 0.50
1,000	"	4.00
5,000	"	18.75
10,000	"	35.00
25,000	"	83.75

Michell's wholesale Florists' Catalogue is brimful of good things for the grower and it's free for the asking.

HENRY F. MICHELL COMPANY

518 MARKET STREET, PHILADELPHIA, PA.

Always mention the Florists' Review when writing advertisers.

Fifteenth and North Market streets, is having a nice run of trade. Mr. Rotter imports quite a lot of artificial flowers every year.

Guy Reburn, of A. Henderson & Co., Chicago, was a recent visitor.

C. Young & Sons Co. have an extra force in their seed department preparing for the usual spring rush.

J. J. B.

WICHITA, KAN.

The Market.

The business for Valentine's day was not marked by any special features, except, perhaps, the sale of more than the usual number of plants with appropriate trimmings. The volume of business was slightly greater than last year. The stock was excellent in quality and sufficient in quantity, the demand being hard on the violet supply, as usual. Cut flowers were sold mostly in ordinary arrangements, not much excitement being evidenced over fancy boxes. Trade conditions are good, though there is little that is unusual going on. There have lately been several occasions when a prominent funeral has made things more than interesting for the stores. The stock exhibited is of good quality and assortment and is commanding good prices.

The weather has remained comparatively mild for February, which is a relief after the extreme cold of January. This winter seems to be marked for an unusual quantity of snow, and as the humor of this community reflects somewhat the humor of the surrounding agricultural population, we are willing to put up with the inconvenience underfoot for the good that is to follow. As most of the florists here rely on motorcycles for the majority of their deliveries, there is a united hope that the streets will not get much worse, as a slimy ooze seems to appear on the pavements, regardless of cleaning. The extreme cold of January made things inconvenient for the growers who kept bulb flats outdoors and who had taken only the usual precaution against freezing. Most of the flats were frozen solid and required coaxing with a pick to loosen them. Bulbs of the narcissus type seem none the worse for their enforced storage, but the hyacinths seem to think it was intentional and refuse to respond when brought into warmth.

From the quantity of seedlings and young bedding stock coming on at the various plants, it would seem that a splendid spring business is the expectation of everyone. The new seedlings and cuttings share first place for attention with the lilies for Easter. Both Formosa and giganteum are being grown for this important crop. The general idea of the Formosa seems to be to bloom and have it over with as soon as possible, while the giganteum will require a little extra steam to bring it along in time. If all the bulbs planted for Easter flowers at the various plants come in on time, there will certainly be no trouble for the ordinary individual to find a place to purchase his Easter lilies this year.

Various Notes.

Bixby & Co. have three houses set aside for lettuce and are starting a large number of vegetable plants for the spring demand. This firm devotes the remainder of its glass to carnations



YOUR CAR FOR
A PERFECT DELIVERY SYSTEM

In a very few lines of trade are hours so precious as with the florist. He must turn his stock into money with as little delay as possible. He cannot afford delays in delivering. Every hour saved is an asset that can be turned into a profit. The greatest time-saver and money-maker you can have is

AN INTERNATIONAL COMMERCIAL CAR

With it you will be able to cover 2 to 3 times as much territory—in less time—at less cost. Or you will be able to make the same territory in one-half to one-third the time.

There are so many reasons why an International is the best investment you can make; there are so many reasons why you should have motor delivery that you ought to know all the facts.

Write and tell us the conditions you have to meet and we will gladly furnish you an estimate of what the International Commercial Car will save you, based on the actual experience of others.

International Harvester Company of America
(INCORPORATED)
77 Harvester Building CHICAGO U S A

Mention The Review when you write.



For the Florist Who Advertises
A Newspaper Advertising Cut Service

"Stunningly Artistic" feature advertising cuts for every important day, such as Easter, Mothers' Day, Decoration Day, for June weddings, etc.

These cuts will give **distinction** and the maximum **Pulling Power** to your newspaper advertising.

Easter cuts will be ready about March 1st. Prices very moderate.

Proof sheets sent free on request. Write today.

We guarantee to sell these cuts positively to only one Florist in a city.

PAYNE JENNINGS & CO.
626 Federal St., Chicago, Ill.

ALWAYS MENTION THE FLORISTS' REVIEW WHEN WRITING ADVERTISERS

Plant and Flower Baskets



We originated this basket—which is one of our best sellers for the Easter trade.

Too well known to require much describing.

Frame made of gilt and filled in with braid of the following colors: White, blue, pink, green, lavender, yellow and red.

No.	Size	Per doz.
1784	5-inch	$ 6.00
1784	6-inch	9.00
1784	7-inch	12.00
1784	8-inch	15.00

Sizes given will hold that size pot.

A rich, dainty looking basket.

How many shall we send you?

See page 37 for another "Rice Leader."

M. RICE & CO., 1220 RACE ST., Philadelphia, Pa.

The Leading Florists' Supply House and Ribbon Specialists. Manufacturers—Importers—Originators.

Mention The Review when you write.

No loss if you mend your split carnations with Superior Carnation Staples



BEFORE



50c per 1000 postpaid

AFTER

WM. SCHLATTER & SON

422 Main St., Springfield, Mass.

Mention The Review when you write.



SPLIT CARNATIONS

Quickly, easily and cheaply mended. No tools required.

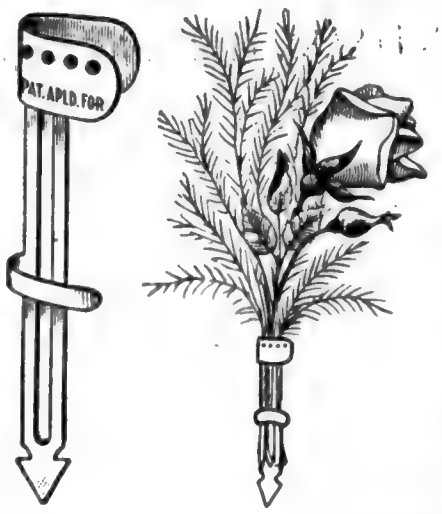
Pillsbury Carnation Staple

Patented 1908.

2000 for $1.00 postpaid.

I. L. PILLSBURY
GALESBURG, ILL.

Mention The Review when you write.



BEHRE'S IMPROVED MODEL

STEM-ER

Patent applied for.

A time-saver to the extent of lessening over 50% of the labor, together with the grace in which the leaves and flowers can be set by the firm hold the Stemmer has upon them, **making them an article of perfection.** They are now being used by leading designers.

This is what E. Woerz, of Enid, Okla., thinks of my Stemmer: "Please ship at once 5000 Stemmers; I am out and cannot get along without them. Yours truly, Eugene Woerz."

Prices: From 1000 to 5000 at 75c per 1000; 10,000 lots at 70c; 25,000 lots and over at 65c. At your dealer's or direct from the factory.

E. H. BEHRE, Madison, N. J.

Mention The Review when you write.

Send For New Spring Catalogue of Guaranteed Greenhouse Supplies.

E. H. HUNT

131 N. Wabash Avenue, CHICAGO

Mention The Review when you write

and general plants. They represent the only establishment of the sort in the south part of the city. They report a nice increase in business over last year and are optimistic concerning the future.

C. A. Rose is devoting part of his glass to the cultivation of vegetable plants for the spring trade. Miss Minnie Rose has added a side line of notions to the stock carried in their Main street store.

Chas. P. Mueller was fortunate in being able to spare time to assist in the organization of the new Business League for Wichita. This new league will be of benefit to the florists, as well as to every other business or profession in the city.

W. H. Culp & Co. exhibited a valentine window which showed unusual care and tastefulness. On Washington's birthday this firm decorated the large dining hall of the Masonic Temple for a reunion banquet.

F. Kuechenmeister has moved the cottage formerly occupied by him onto some vacant real estate near his greenhouses and now has a cozy home to rent. L.

GREEN CARNATIONS

DON'T Be Fooled Again.

Buy from The Originator— not the Imitator

FOR ST. PATRICK'S DAY. I send you, **postpaid** to any address, enough pulverized coloring to make one quart of the **strongest liquid dye** for $1.00; enough for one gallon, $3.50. I **guarantee** my goods to be **the coloring** and does **the work satisfactorily.**

ORDER NOW
Directions with each box

FRED GEAR

FREE SAMPLES
(Originator of Green Flowers)

1113 VINE STREET, CINCINNATI, OHIO

Mention The Review when you write

CYACEINE—The Natural Flower Coloring

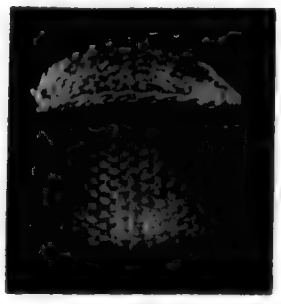
Is simply mixed with water and absorbed through the stem, showing in the flower in twenty minutes. IT COLORS AND PRESERVES FLOWERS without harming them or destroying their fragrance. Color a flower with it and notice how natural it looks.

Any of the following colors sent to you by mail. . . . . **20c per quart** St. Patrick Green, Yellow, Blue, American Beauty, Orange or Pink.

Why not send your order and remittance now, while you have it in mind? The coloring will come to you, all charges paid, by the first return mail.

C. R. CRANSTON, (NEW ADDRESS) 146 ORCHARD STREET, **AUBURN, R. I.**

Mention The Review when you write



HIGH HATS

FOR ST. PATRICK'S DAY are our exclusive novelty.

Filled with a growing shamrock this makes a truly attractive offering for St. Patrick's Day that will find instant favor with your customers.

JUST THE THING FOR LUNCHEON AND DINNER FAVORS.

H. BAYERSDORFER & CO.

1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.

ST. PATRICK'S CARNATION FLUID

(For coloring carnations green.)

Per Quart, $1.00; per Pint, 50c.

GEO. H. ANGERMUELLER, Wholesale Florist
1324 Pine St., ST. LOUIS, MO.

Mention The Review when you write.

GREEN CARNATIONS

Send 25c and receive by mail a package of dye that will color 75 to 100 carnations green. Have many letters stating it is best on market. 3 packages, 60c; $2.00 per dozen. 2c stamps accepted.

LOUIS ELSASS, Chillicothe, Ohio

MADISON, N. J.

Growers in this place lost heavily by the wind storm February 22. The heaviest loser was Walter S. Schultz, about 300 feet of whose greenhouses on Rosedale avenue were razed. They were stocked with carnations and roses and these are a total loss.

The Villa Lorraine greenhouses on Central avenue, owned by Theodore W. Stemler, also suffered considerably. The ventilators were torn off. The plants in many cases were ruined.

DAYTON, O.

The Market.

The lenten season is with us again and the usual conditions prevail. There is nothing doing except funeral work, but along that line we are able to report a satisfactory business. Carnations seem to be the most abundant, as they are now in full crop. Demands for them up to the present time just about consume the supply. Roses are still the one thing for which the demand is

FLOWER GROWERS SALES CO.

INCORPORATED
BOSTON, MASS.
Direct from Grower to Dealer.

DIRECTORS

E. Allan Peirce — C. H. Holbrow
Louis J. Reuter — Frank Dolansky
J. Frank Edgar — Frank P. Putnam
Wm. Sim — A. A. Pembroke
Thos. Roland — Wm. Lenk
Wm. Jurgens — Wilfred Wheeler

We Are Headquarters FOR

Orchids, Valley Gardenias, Marguerites, Pansies, Violets, Sweet Peas, and all the Novelties.

We are always well supplied with Roses, Carnations, Easter Lilies and Bulb Stock.

Shipping orders promptly attended to.

Give us a trial, we want your business

THOMAS PEGLER
Manager.

Salesroom at BOSTON FLOWER EXCHANGE PARK STREET Telephone 3766 Haymarket

Office at 1A PARK STREET Telephone 3766 Haymarket

Mention The Review when you write.

Wheat Sheaves



The manufacturing of Wheat Sheaves is one of our specialties. This department of our factory is equaled by none in the country.

It is splendidly equipped for the accurate and economical production of Wheat Sheaves. We are originators and patentees of the only wheat sheaf making device ever invented. A device used in our factory only.

No.	Size	Each	Doz.	No.	Size	Each	Doz.
000	12-in.	$0.05	$0.50	6	22-in.	$0.45	$ 6.00
00	13-in.	.07	.60	7	23½-in.	.55	6.00
0	14-in.	.10	.75	8	25-in.	.65	7.00
1	15-in.	.12	1.00	9	26½-in.	.75	8.00
2	16-in.	.15	1.50	10	28-in.	.90	10.00
3	17-in.	.20	2.00	11	30-in.	1.10	12.00
3A	18-in.	.25	2.40	12	32-in.	1.35	15.00
4	19-in.	.30	3.00	13	34-in.	1.65	18.00
5	20½-in.	.35	4.00				

To the few dealers who are not using our "Famous Sheaves" we extend a pressing request for a trial order.

Wheat Sheaves are our strong hold—Make them yours.

Note the low prices.

M. Rice & Co.

1220 Race Street, Philadelphia, Pa.

Manufacturers—Importers—Originators

THE LEADING FLORISTS' SUPPLY HOUSE AND RIBBON SPECIALISTS

SEE PAGE 39

Mention The Review when you write.

St. Patrick Green

(The Only True Irish—Grass—Color)

DARK GREEN TRADE MARK GSB (The Color Beautiful)

Our coloring is too well known to comment on. The Florists tell us it is the best on the market and their word goes with us. One quart of **OUR** green will color more flowers than two quarts of any other make, and it is only $1.00 the quart.

YELLOW, AMERICAN BEAUTY, ORANGE, LAVENDER, PINK, PURPLE and LIGHT RED are $1.00; BLUE is $1.25 the quart, postpaid.

BURTON-ALLISON CO., Suite 28, 39 W. Adams St., Chicago, Ill., U. S. A.

Mention The Review when you write.

greatest; perhaps it is all because they still are scarce. Bulbous stock at present is in evidence, but the supply is not heavy, while lilies are quite plentiful.

The weather is all against the rose crop—too dull; but should we get plenty of sunshine from now on the crop for Easter will be good.

Various Notes.

The Miami Floral Co. has a splendid lot of giganteums coming along for Easter.

Mrs. Ewing, the aged mother of Mrs. Geo. Bartholomew, is quite ill with pneumonia.

Warren G. Matthews was a victim of grip last week.

At Mrs. B. Haschki's they are picking some nice violets.

Mrs. E. Young is able to be in the store again, after being confined to her home for two months. Miss Katherine Young, who has had charge of her mother's business since her illness, reports that she has been kept busy night and day with funeral orders.

Miss Amy Ewing, whose condition was reported to be improving, has had a setback and is still in a precarious state.

Shamrock Green Coloring

FOR ST. PATRICK'S DAY

The finest prepared dye on the market. One package will make 1½ qts. of coloring. Can be used with either warm or cold water. Gives the flower a beautiful Shamrock Green color. Will color white and light pink carnations, white roses and other white flowers. Will dye flowers in 1½ to 3 hours and does not injure the quality of the flowers. Satisfaction guaranteed. Order now, as we have only a limited supply. A trial will convince you.

HENRY M. ROBINSON & CO.

Wholesale Commission Florists — Dealers in Hardy Cut Evergreens
Manufacturers and Importers of Florists' Supplies

15 Province Street—9 and 15 Chapman Place—BOSTON, MASS.

Mention The Review when you write.

MICHELL'S Seed House Is HEADQUARTERS For

RUBBER HOSE

Revero, the kind that doesn't kink, is light handling and, better than all, is a wearer for years. Let us mail you a sample. In lengths up to 500 feet; size, ¾-inch and ½-inch. Prices and sample on application.

APHINE

The modern remedy for fighting aphis, red spider, green fly and other greenhouse pests. "Look at the price."

$1.00 per quart.
2.50 per gallon.

LEHMAN WAGON HEATERS

will deliver your plants and cut flowers just as they come from the greenhouse. No freezing in transit.

No.	
5—14 in., 1 coal compartment	$1.75
10—14 in., 3 coal compartments	6.25

Lehman Coal, 70c dozen bricks; 100 bricks, $5.00.

WHILLDIN FLOWER POTS

are everywhere recognized as the standard; well made, carefully burned and packed to reach you in good order. Send us a list of your wants; will quote rock-bottom prices.

MUSHROOM SPAWN

Lambert's Pure Culture is indisputably the best; crops bigger, better and quicker than any other.

	Doz.	100	1000
Direct bricks	$2.15	$13.00	$127.50
Standard bricks	1.80	11.00	105.00

TO-BAK-INE

is the best nicotine preparation made for either spraying or fumigating. Greenhouse pests can't live where it is used, and it won't hurt flowers.

½-pint	$ 1.10
Pint	2.00
½-gallon	7.75
Gallon	15.00

1912 WHOLESALE PRICE LIST NOW READY-WRITE FOR A COPY

HENRY F. MICHELL CO. 518 MARKET ST., PHILA.

Mention The Review when you write.

Mrs. L. D. Johnson was also a busy florist last week, and especially so with funeral work.

H. H. Ritter tells us that trade over his way has been sufficiently swift to consume the supply.

Latest news from W. C. Hood, of Los Angeles, Cal., is that he intends to come east again as soon as circumstances permit. R. A. L.

CINCINNATI.

The Gateway to the South.

The gross sales are satisfactory, but the supply has become so strong that the demand is scarcely keeping pace with it. The shipping business is good.

The rose supply has increased slightly since the last writing and before many days should be adequate for all requests. As it is now, however, they still clean up on sight. Killarney is in somewhat shorter supply than White Killarney. Richmond is in fair supply and is selling nicely. The American Beauty offerings are good and ample. The long, choice ones are taken up quickly, while shorts sell much slower.

Carnations are almost a glut. The offerings as a whole are good, but the large number of sales do not take up all the stock. The white enjoy the best call. The bulbous line is long on every kind of flower, and all are generally of excellent quality. The supply of Easter lilies and callas is again easily sufficient for needs and, judging from the offerings the early part of the week, a few heavy orders for these would not be amiss. Sweet peas also are in oversupply. Only the best and longest sell. The short pink do not move at all. Violets have experienced a tremendous slump. The doubles hardly sell at all and singles not much better. Valley, while running short now and then, manages in a fair way to keep up with the demand. The call for decorative greens of every kind is large.

A New York Society Woman

on a recent visit to Philadelphia remarked, **"How artistic and beautiful were the flower decorations, ribbons and design work by Philadelphia florists!"**

A majority of Philadelphia florists, and thousands all over the country, use Pine Tree Ribbons in their decorations and bouquets.

These ribbons are particularly adapted for florists' work, made of good, weighty silk stock, finished in effective and rich-toned shadings.

SOLD DIRECT FROM THE MILL TO THE FLORIST

No jobbing house can offer you equal values at same prices.

Chiffons we import direct from Europe.

Why not write for samples and prices? Convince yourself that we can save you money.

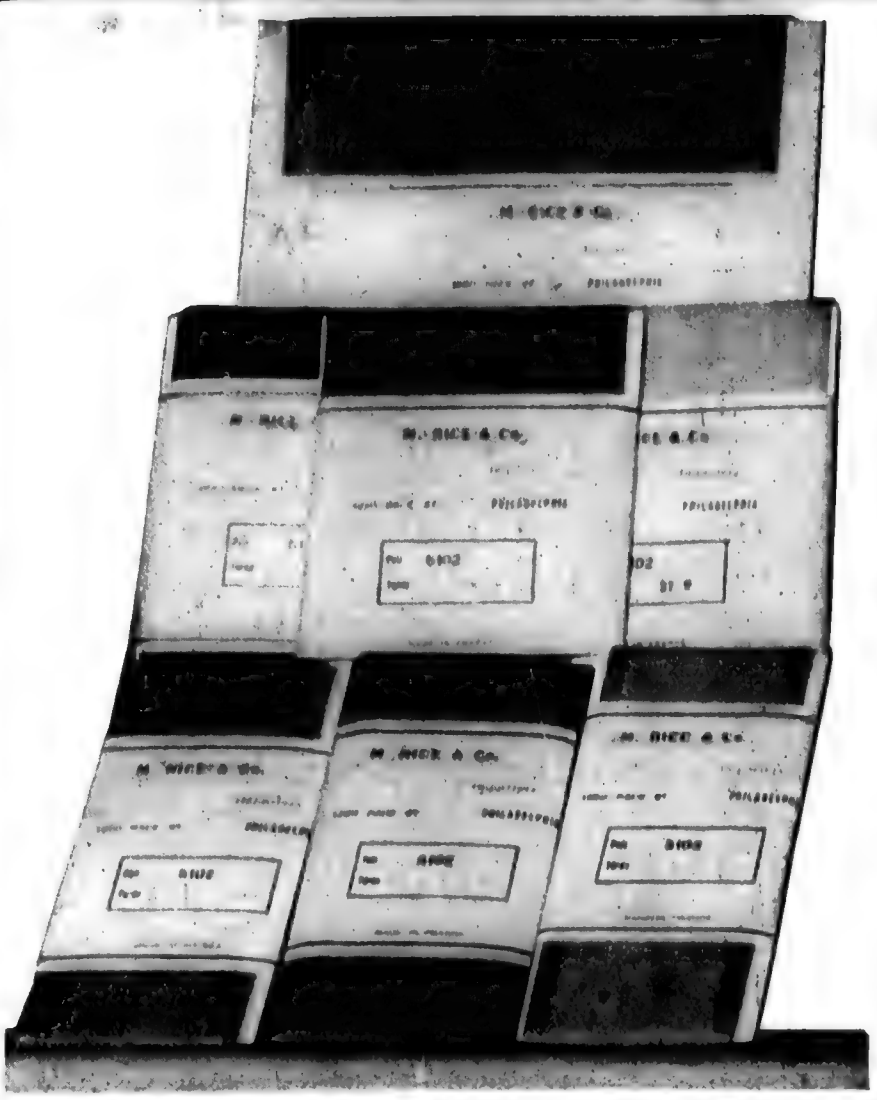
The Pine Tree Silk Mills Co.

PHILADELPHIA

Mention The Review when you write.

Various Notes.

C. E. Critchell's line of bulbous stock



Chiffons

Just received an enormous importation of plain Chiffons in all widths and colors. We made a ten strike when we arranged for this consignment.

You can share in the benefit of this shrewd buy.

The quality, luster and body of this fabric are very fine.

In order to move a quantity quickly, we offer them to you at the following low prices:

4-inch chiffon, per yard, 2c.
6-inch chiffon, per yard, 3c.
10-inch chiffon, per yard, 5c.

Send us your order today; it will receive our usual prompt attention.

M. RICE & CO.

1220 Race Street, Philadelphia, Pa.

Manufacturers—Importers—Originators

THE LEADING FLORISTS' SUPPLY HOUSE AND RIBBON SPECIALISTS

Mention The Review when you write

WM. MURPHY, Wholesale Commission Florist
309 Main St., CINCINNATI, OHIO

CUT FLOWERS GREENS MOSS SPHAGNUM
FLORISTS' SUPPLIES WIRE WORK

PHONE MAIN 980 CONSIGNMENTS SOLICITED

Mention The Review when you write.

HOLTON & HUNKEL CO.
462 Milwaukee Street, Milwaukee, Wis.

Choice Roses, Carnations, Violets, Valley, Tulips, Trumpets, Lilies AND ALL OTHER CUT FLOWERS AND GREENS

Mention The Review when you write

has been large ever since the season opened.

Popp Bros., the Central Covington florists, have a fine lot of hydrangeas that will make Easter. The other stock on the place, including lilies, ferns, azaleas, geraniums and carnations, is looking fine.

E. G. Gillett's wire department is having a strenuous time trying to keep up the stock of hanging baskets.

Chas. McCrea, of Hardesty & Co., is kept busy these days. He is in town one day and then down at Frankfort helping to make laws for the well-being of the commonwealth of Kentucky.

L. H. Kyrk and the other florists living on Price Hill were put to some inconvenience February 25. The ground on the hillside slid down on the car tracks and blocked traffic.

The Cincinnati Cut Flower Exchange has erected a blackboard upon which they can note their specials. It is above the wrapping table and, surrounded by a gilt molding and with the green wall for a background, is bound to catch the buyer's eye.

P. J. Olinger's loss at New Castle was fortunately not as large as was at first supposed. The weight of the drifting snow February 19 caused one of the houses to fall in places. It is estimated that $1,500 will cover the loss.

Mr. Lodder, of Hamilton, was almost a daily visitor last week. He came to the market personally to buy for heavy business at his place.

C. E. Critchell will attend the spring show in Chicago.

Dan Ruttle has been on the sick list for the last fortnight.

Eddie Dennler's father died last week.

Visitors: Paul Berkowitz, of Bayersdorfer & Co., Philadelphia; C. W. Scott, of the Yokohama Nursery Co., New York; Ellis Woodworth, representing the Sefton Co., Chicago; Mr. Herms, of Portsmouth, O.; Jacob Hermes, of Chicago.

C. H. H.

Reading, Pa.—Charles Schaeffer, who is employed in the Roadway Department of the Reading Railway Co., is winning considerable distinction by his tasteful work as a landscape gardener. He has rendered the depot grounds unusually attractive, and especially favorable comment is being elicited by a rustic fence and other novel features introduced by him. He was born in Germany and learned the business there. His residence is at Temple, in this county.

KILLARNEYS
PINK AND WHITE

Larger quantities are coming in and we are giving you the benefit of the extra supply. Quality has never been better, fine large buds of good color. At moderate prices we can furnish you **a good grade of stock.**

Light and Dark Doubles and fine large Single Violets
75 CENTS PER HUNDRED FOR THE BEST.

SPECIAL
500 Carnations
Fancy Stock
$15.00

The Special Offer represents extra good value. We guarantee them to be high-grade flowers. Special care is used in selecting Carnations for shipping orders, and we know what varieties give best results. Try a shipment.

The Leo Niessen Co. Wholesale Florists 12th and Race Streets, PHILADELPHIA, PA.

Mention The Review when you write.

PHILADELPHIA.

The Rising Eastern Market.

The cut flower market has declined since Ash Wednesday. There is less business, with about the same quantity of flowers. Prices have receded on nearly all varieties and the effort has changed from filling to finding the order. The shipping demand gives strength to the market, although the shipping orders are not so numerous or large as a week ago. The local demand has been improved by the milder weather; there were few flowers carried over Sunday, a fact that goes a long way toward preserving the tone of the market.

The principal decline in roses has been on the shorter grades. Beauties continue firm; the supply of shorts of this variety is increasing. Violets have been plentiful, particularly so on the sunny days. Many have been marketed at good prices, while for others it seemed impossible to find a buyer. Carnations have held their own as well as any other flower; some wholesalers say a little better. The increasing supply makes it harder to market them at satisfactory prices, although the quality is generally fine. Mrs. C. W. Ward, Gloriosa, Pink Delight and a few others are equal to anything offered this season. Sweet peas are divided into two flocks, the sheep and the goats; the former are few by comparison and satisfactory to wholesalers and growers alike; the latter are many and the reverse, the purchaser feeling that he has conferred a favor by taking them in thousand lots at prices most ridiculous.

There has been no particular change in the flowers making up the rest of the list; they have receded with the staples described above, excepting in a few cases where quality and lack of quantity holds the price. The bulbous flowers form by far the larger part of those unnamed, but the prices realized for them are so low that they are much more satisfactory to the retailer and his customer than to those on the other side of the line. Emperor surpasses Golden Spur when well grown and finds favor with the buyers.

Princeton

We are receiving daily shipments of this splendid rose, which we cordially recommend to every florist. The bright pink color, good size and lasting qualities of **PRINCETON** make it a general favorite.

EASTER LILIES
Of excellent quality in quantity.

DAFFODIL
market is in your favor; take advantage of it. $2.50 per 100; $20.00 per 1000.

ROSES CARNATIONS SWEET PEAS
and all varieties of Flowers and Greens.

BERGER BROTHERS
Wholesale Florists
140-142 North 13th Street, PHILADELPHIA, PA.

Mention The Review when you write

Compared with the first week of Lent a year ago, many of those best able to judge say that the cut flower market is in satisfactory condition, particularly so when compared with the dullness evident in other industries.

Joseph Beavis & Son.

The professional history of Joseph Beavis marks the changes that have been taking place all around Philadelphia. Starting as a general grower—that is, with a little of everything of promise in cut flowers or in plants—he has gradually blossomed into a specialist.

Mr. Beavis was a painstaking grower of marked ability. His place in Tioga, which would now be considered small were it in existence, was known to all leading florists in the city, as well as to many of the smaller florists. His stock was varied and well grown. The plan then was to produce as many cut flowers as possible during the winter. As fast as benches went off crop they were refilled with cinerarias, primroses, tulips and daffodils in pots. These were, in turn, succeeded by the Easter specialties. So numerous were these that the week before Easter, when fifty or sixty large wagon loads of plants were sent out to the stores, was the most important period of the year. Then came the geraniums and other soft-wooded spring plants, grown in quantity in the houses and in the frames, to say nothing of hardy roses, vines and so forth, followed by the period of house-cleaning, profit-counting and preparation for the fall, with occasional bright spots in the shape of

TWO ROSE SPECIALS



One consisting of the best long-stemmed stock, all specials. Our selection, in lots of 200 or more, at **$8.00 per 100**.

And another, of 200 or more, our selection as to color, good medium stock, at **$3.00 per 100**—both exceptional values, opportunities for week-end sales to the live business man.

SHAMROCKS, for St. Patrick's Day, March 17: 2¼-in. pots, **$10.00 per 100.** Empty shamrock-shaped pans, 6 in. diam., 2 in. deep, **20c each.** Empty shamrock-shaped pans, 10 in. diam., 3 in. deep, **25c each.** These pans can be filled from 2¼-in. stock and used for table decorations.

GREEN CARNATION DYE, for St. Patrick's Day, **75c per package.**

BOXWOOD SPRAYS, fresh, green, perfect stock; no surplus wood. 50-lb. cases, **$15.00 per 100 lbs.**

WILD SMILAX: A splendid supply for the spring millinery openings; the very best quality obtainable; daily shipments, thus insuring fresh stock. **$5.00 per case.**

RIBBONS AND SUPPLIES: Many new patterns in exclusive Ribbons. Write us for prices on these and on Supplies.

P M QUALITY

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF PHILADELPHIA

PHILADELPHIA 1608-1620 Ludlow Street

NEW YORK 109 West 28th Street

WASHINGTON 1212 New York Avenue

Mention The Review when you write.

Spring Flowers

Daffodils Tulips Sweet Peas

Freesia Pussy Willow

Philadelphia Cut Flower Co., 1517 Sansom Street, Philadelphia, Pa.

OPEN UNTIL 6 P. M.

Mention The Review when you write.

productive beds, sometimes outdoors, sometimes indoors.

These were hard working days, when prices were higher than they are now. They were ended by the march of city improvement, which surrounded and then overspread Mr. Beavis' place. The ground was sold and the houses were moved from Tioga away out on the Limekiln pike to Pittville. Here the houses were rebuilt on modern lines, especially for growing roses—Kaiserin for summer, with Brides and Maids from September to June, not just until time for pot plants for Easter—such Brides and Maids as made the name of Beavis, father and son, familiar to every florist. With the improvement in varieties came Richmond, now chiefly relied upon for the midwinter crop; the long, heavy canes from the base have often brought extraordinary prices in midwinter, when Beauties were scarce.

Two new houses, each 35x150, were added last summer, Killarney, the dominant variety, making its first appearance on Mr. Beavis' place. The addition is open-span, of King construction, and divided between Killarney and White Killarney. Though the plants were not set out until August, they have made good growth and are producing fine, large flowers. The Richmonds have been managed this season so that they produce continuously from Thanksgiving until February. The winter-resting plan, including first crop for Easter, is pursued with Kaiserin and with Maryland; both varieties are now breaking strongly and promise well.

Mr. Beavis contends that the profits in rose growing do not compare favorably with those of the general grower, as shown by his success in Tioga, but he admits that the chances are poor today for the grower who attempts everything, with chief dependence on the wholesale market.

Various Notes.

Miss Eva Fletcher has purchased the business of the late Daniel D. L. Farson, at Overbrook, Pa. She expects to open her new store for business at once and will run it in addition to

CANNAS

We are Western Agents for Boddington's Quality Cannas

THE LARGEST HANDLER IN THE WORLD

We have just taken in our first carload. Same comprises over 40 varieties. As some varieties are short crop, we advise **early orders.** Let us book your order **NOW** and ship when you want them.

FOR ST. PATRICK'S DAY

our Emerald-green Carnation Dye has made a reputation for itself. Once tried, you will use no other. **Let us have your order this year and be convinced.** We ship in **cans,** thus doing away with breakage in transit. **Price, pints, 50c; quarts, $1.00.**

"Watch the Review" for our Florists' Supply **Specials for Easter.**

Our Wholesale Bulb and Shrub List NOW READY
Send us a post card if you do not receive it.

WINTERSON'S SEED STORE

Phone L. D. Central 6004 166 N. Wabash Ave., CHICAGO, ILL. Established 1894

Mention The Review when you write.

ASPARAGUS SPRAYS

Largest supply in the Chicago Market. **All lengths, $2.00 to $5.00 per 100.**

Also everything else in Greens. Prices right.

All flowers in season, billed at Chicago market rate day of shipment.

KENNICOTT BROS. CO.

163 N. Wabash Avenue CHICAGO

Mention The Review when you write

her other store at 5015 Baltimore avenue, West Philadelphia. Miss Fletcher, who was for many years with Hugh Graham and later with the Century Flower Shop, is rapidly coming to the front as one of our progressive retailers.

Robert Craig, Julius Roehrs and D. C. Donohue have returned from Porto Rico a little sooner than friends expected, so as to be home in time for the wedding of Miss Roehrs, at Rutherford, N. J.

Frank Hastings, for many years with F. & H. Mergenthaler and Henry C. Heilemann, has opened a flower store on West Chelten avenue, near Germantown avenue. Mr. Hastings' long experience should prove a valuable asset in building up a new business.

Walter P. Stokes has returned from Bermuda after a most interesting although stormy trip. The potatoes and onions Mr. Stokes found in splendid shape. A few of the lily fields looked well, but many of them were disappointing. Mr. Stokes is enthusiastic in his admiration for the beautiful scenery of the island, particularly from seaward.

The Keller Pottery Co. is building a new double-deck kiln, larger than any now in use at the plant in Norristown, Pa., to insure prompt execution of orders during the busy season.

The Moore Seed Co. is pleased with the improved facilities secured in the new 5-story building at 125 Market street.

George B. Hart

WHOLESALE FLORIST

24 Stone Street. ROCHESTER, N. Y.

Mention The Review when you write

L. B. Bragué & Son

Wholesale Dealers in **CUT FERNS**

Moss, Christmas Trees, Baled Spruce, Evergreens

Established 1867. HINSDALE, MASS.

Mention The Review when you write.

HIGH GRADE

SOUTHERN WILD SMILAX

Write, wire or phone.

Chattahoochee Floral Co., Hatcher Station, Ga.

Mention The Review when you write.

W. E. Trimble Greenhouse Co.

PRINCETON, ILL.

Adams and Wells-Fargo Express.

Carnations—Sweet Peas—Roses

Our Specialty

All Kinds of Seasonable Cut Flowers at Chicago Prices

WIRED TOOTHPICKS

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000.....$1.75 50,000.....$7.50

Sample Free. For sale by dealers.

Mention The Review when you write.

BUY YOUR FLORISTS' SUPPLIES FROM

L. BAUMANN & CO.

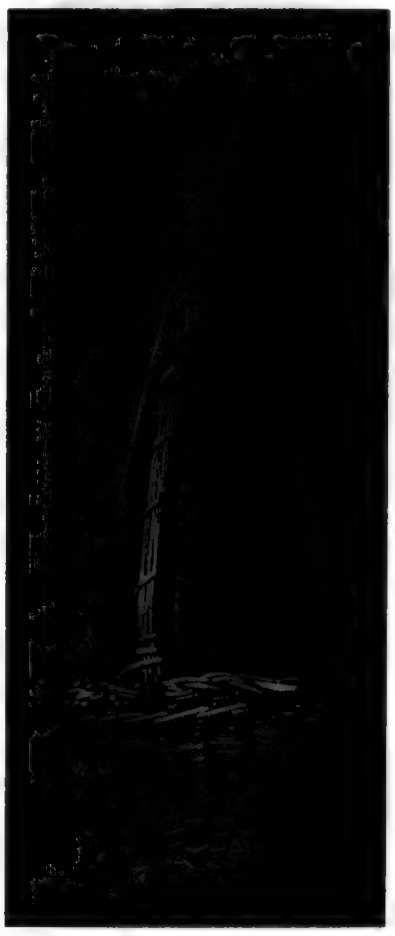
357-359 W. Chicago Ave., CHICAGO, ILL.

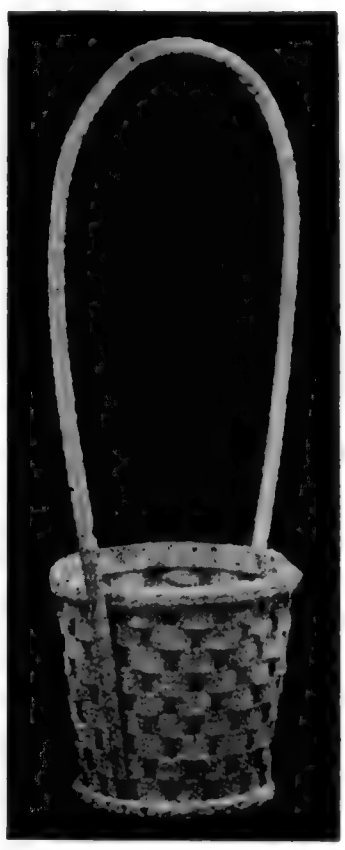
We have the largest and most complete stock, Sea Moss, or Japanese Air Plant; Natural prepared Ferns, Cycas Leaves, Magnolia Leaves, Cycas Wreaths, Magnolia Wreaths, Moss Wreaths, Metallic Designs and a big line of Novelties.

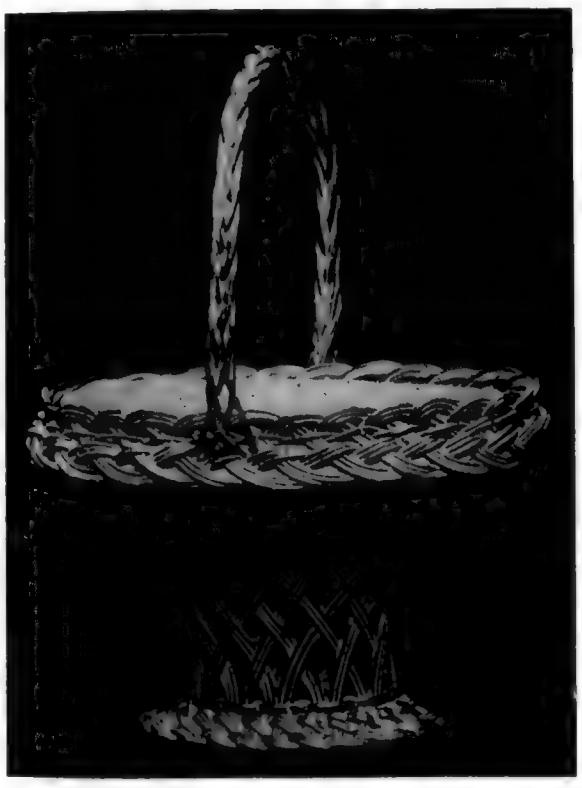
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Joseph Cannon, formerly of Wilkesbarre, Pa., now with Julius Wolff, Jr., was stricken with appendicitis Febru-









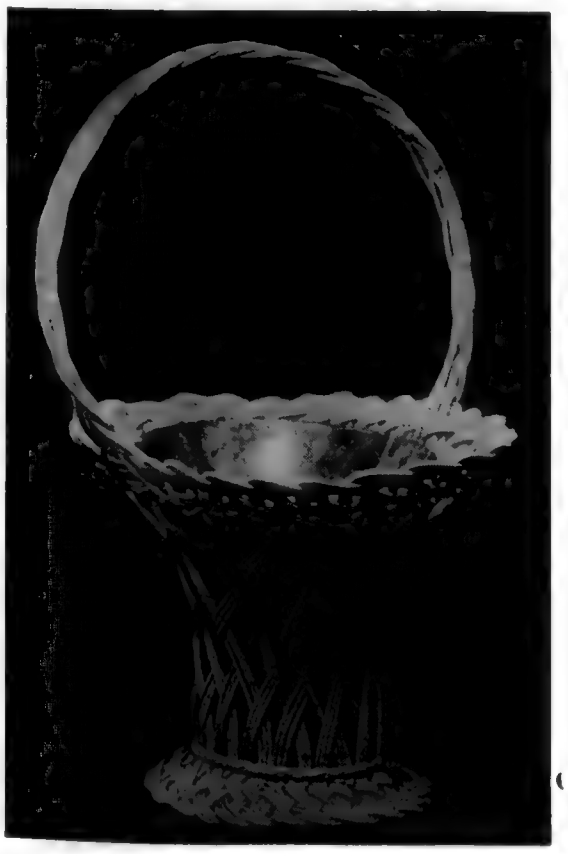
THE FLORISTS' SUPPLY HOUSE OF AMERICA

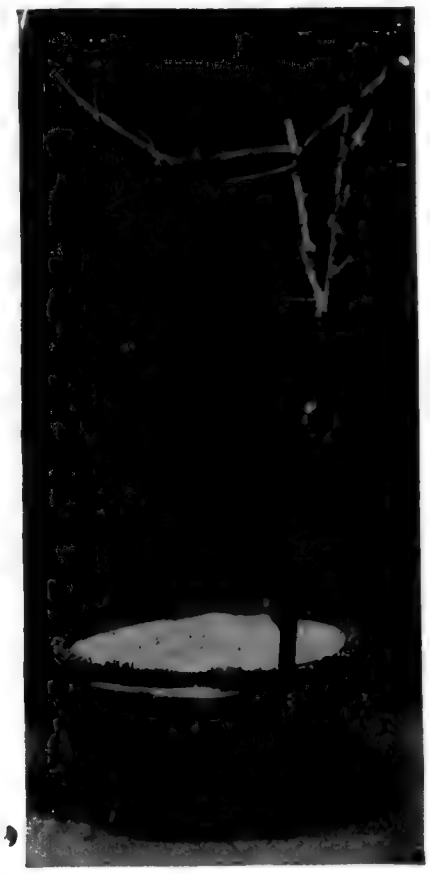
A few of the many Easter Novelty Baskets, all up to the latest designs.

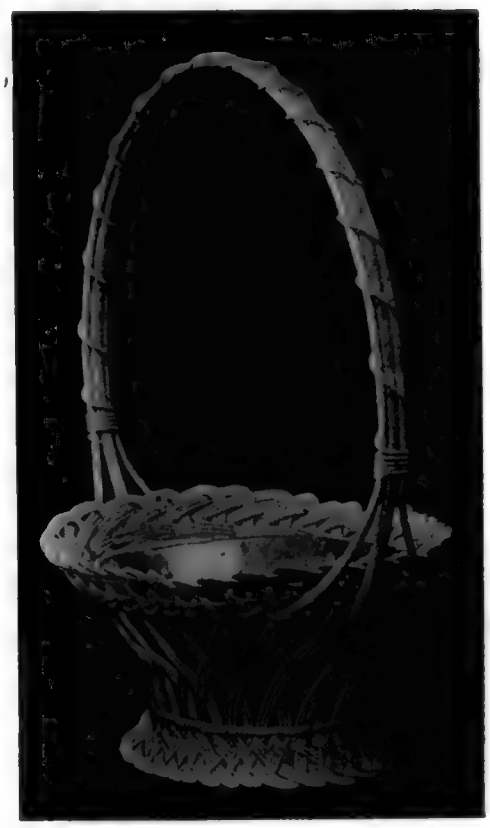
For many other adaptable baskets, the kind you will want, consult our Silent Salesman.

H. BAYERSDORFER & CO.

1129 Arch St., PHILADELPHIA, PA.







Ferns——Galax——Moss

HEADQUARTERS FOR SOUTHERN WILD SMILAX

$3.00, $4.00 and $5.00 per case.

New Fancy Ferns
Per 100.....25c Per 1000.....$2.00

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000..... 5.00

Bronze Galax Leaves
Per 1000..... $1.00 Per 10,000..... 7.50

Green Galax Leaves
Per 1000.....$1.00 Per 10,000..... 7.50

Boxwood
Per lb.....15c Per case of 50 lbs.....$6.50
Per case of 100 lbs.....$12.00

Mexican Ivy
Per 100.....75c Per 1000..... 6.00

Green Sheet Moss
Per bundle.....$1.00 10 bundles..... 9.00
25 bundles.....$21.00

SPECIAL PRICES ON LARGE QUANTITIES.

Imported Bronze and Green Magnolia Leaves, $2.00 per basket
Everything in Florists' Supplies

Full Line of Cut Flowers and Other Greens at All Times.

C. E. CRITCHELL, Wholesale Commission Florist, 34-36 East Third Ave., **Cincinnati, Ohio**

Mention The Review when you write.

ary 23 and hurried to St. Joseph's hospital for an operation. His condition, most serious on Saturday, is, I am glad to say, much improved since.

Leo Niessen comments on the fine coloring of the Cattleya Triana now arriving.

George E. Campbell, Flourtown, Pa., and Victor Groshens, Roslyn, Pa., are among the growers who have decided to plant the new rose, Sunburst. It is often said of a bright boy or of a clever business man that he can hit two birds with one stone. The friends of John Berger say that he can do even better, hitting six birds with two stones.

Henry F. Michell is much on the alert these days; he brightly assures callers that snowflakes don't agree with the seed business, but that pleasant days will see a brisk revival and that you must keep your head on your shoulders then.

George W. Bysher, for many years with Edwin Lonsdale, John Burton and Emile H. Geschick, died February 21, after a brief illness.

M. Rice & Co. comment on the increasing popularity of the beautiful waterproof crepe papers among florists all over the country.

Henry C. Geiger is showing his friends a handsome, fragrant seedling carnation grown at the Florex Gardens. Mr. Geiger says the color resembles that of the once famous variety, Thomas Cartledge.

Paul Berkowitz, with the sunny smile, was seen in the store of H. Bayersdorfer & Co. February 27. Mr. Berkowitz is just back from an extended business trip. Phil.

Eugene Bernheimer says a new member of the firm arrived February 21. Mother and son are progressing finely.

Smith, Lineaweaver & Co. report the demand for anthracite coal in the domestic as well as the steam sizes as more active than this branch of the coal industry has seen it since the strike of 1903. "We have had, as everyone knows, an abnormally cold winter, and the consumption of coal has been great, and the production of coal has been less, owing to the difficulty in operating through such weather as we had from right after Christmas almost up to this time. It is extremely difficult to have prompt shipments made

FANCY OR DAGGER FERNS

$1.25 per 1000. Write for prices on large orders.

Galax, 75c per 1000; $6.50 per case of 10,000. **New Bronze** now ready, write for prices.

Tel. Office, New Salem, Mass.
L. D. Phone Connection.



MILLINGTON, MASS.

Try our **Boxwood,** it's the finest that grows; no waste; 50-lb. case, $7.50.
Laurel Festooning, the best, 4c, 5c and 6c per yard.
The finest **Laurel Wreaths** made, $3.00 per dozen.
Branch Laurel, 35c for large bundle.
Sphagnum Moss, $5.00 per bale.
Bouquet Green, 8c per lb.
Southern Smilax, $5.00 per case of 50 lbs.
Green Moss, $1.25 per bbl.
Partridge Berries, 10c per bunch of 50 sprays.

A Special Lot of GROUND PINE, only $6.00 per 100 lbs. First come, first served.

CROWL FERN CO., : Millington, Mass.

Mention The Review when you write.

GALAX-SPRAYS-FERNS-PLANTS



Fancy Dagger Ferns.....$ 1.25 per 1000
Long Green Leucothoe Sprays..... 2.50 per 1000
Short Green Leucothoe Sprays..... 1.25 per 1000
Bronze Assorted Leucothoe Sprays..... 3.50 per 1000
Bronze and Green Galax..... .60 per 1000
Beautiful Hemlock Spruce Plants,
6 to 12 inches.....$2.00 per 100; 15.00 per 1000
15 to 20 inches..... 4.00 per 100; 35.00 per 1000



Rhododendron Seedlings.....$0.20 per 100; $10.00 per 1000
6 to 8 inches.....$4.00 per 100; $35.00 per 100 12 to 15 inches..... 6.00 per 100; 50.00 per 1000

These plants will grow if properly planted. We pack so as to arrive fresh and moist. Charge extra on lots less than 100. Discount on large orders. Eighteen years in the business. Send cash with first order.

J. N. PRITCHARD, Elk Park, N. C.

Mention The Review when you write.

FLORISTS!

Don't forget when you remember that I sell all

Native Forest Greens, Cut Ferns, Festooning, Baled Boughs, Xmas Trees, Etc.

Write for price.

H. J. SMITH, Hinsdale, Mass.

Mention The Review when you write.

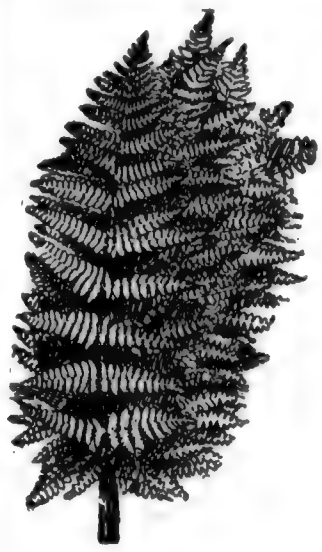
Green Sheet Moss,
Laurel Branches and Stems,
New Stone Tomato Seed.

Write for Prices

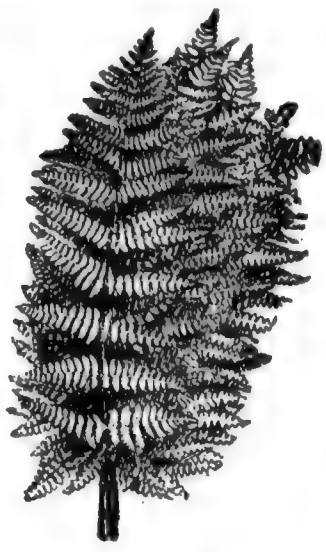
Will exchange for Crimson Clover Seed or anything I can use.

W. Z. PURNELL, Snow Hill, Md.

Mention The Review when you write



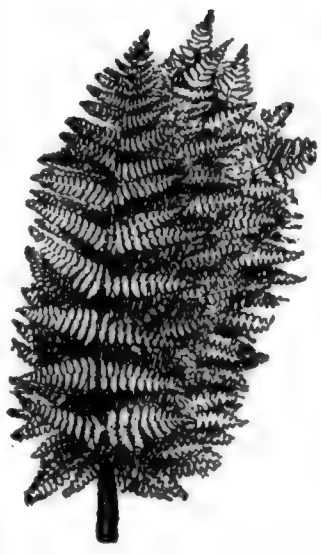
Fancy Ferns



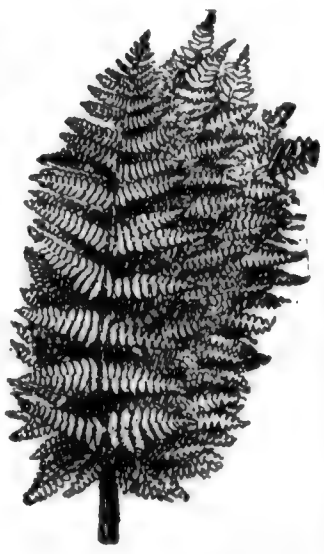
Finest stock in the country

$2.00 per 1000 Discount on large orders. **$2.00 per 1000**

Place your standing orders with us.
Full supply all the year around.



Imported green and bronze Magnolia Baskets, $2.25; 6 baskets	each,	$2.00
Galax Leaves, green and bronze	per 1000,	1.25
Green Leucothoe Sprays, extra fine	per 1000,	7.50
Boxwood	per lb., 20c; per case, 50 lbs.,	7.50
Wild Smilax	50-lb. case,	5.00
Sphagnum Moss	large bales,	2.50



Full supply Cut Flowers at all times.

Michigan Cut Flower Exchange

38-40 Broadway, Detroit, Mich.

Mention The Review when you write.

"Nothing can improve on Nature"

1886 **1912**



GEORGE W. CALDWELL, The Woodsman
The man who gave you the Wild Smilax

WILD SMILAX

Large cases.....$2.50
Parlor brand half cases..... 1.50

Wire your orders. We ship same day.

CALDWELL THE WOODSMAN CO.
Everything in Southern Evergreens
EVERGREEN, ALA.

Mention The Review when you write.

Wild Smilax and Leucothoe Fully Guaranteed
LOUISVILLE FLORAL CO., Louisville, Ala.
Telegraph Office, Abbeville, Ala.
Mention The Review when you write.

WHOLESALE ONLY



GALAX, FERNS, LEUCOTHOE



—Ask for Price List—

RETAIL DEPARTMENT (At Banners Elk only.) "We ship you EVERGREENS, not trash."

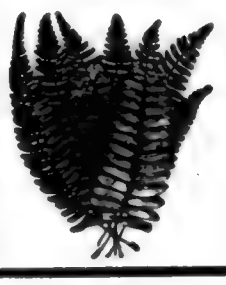
Galax, green and bronze	$0.50 per 1000;	$1.00 per case
Ferns, dagger and fancy	1.00 per 1000;	4.00 per case
Leucothoe, long green		$2.00 per 1000
Leucothoe, short green		1.00 per 1000

Get your supplies for the Easter trade. Terms Cash.

THE NORTH CAROLINA EVERGREEN COMPANY,
Banners Elk, Pianola, Edgemont, Montezuma, Elk Park.
Address all communications to our home office, Banners Elk, N. C.

Mention The Review when you write

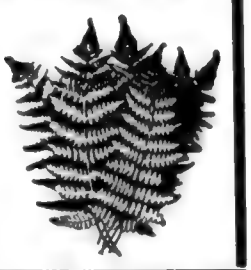
J. H. VON CANON & COMPANY



Evergreens Fresh from the Woods

Galax, Bronze, 50c per 1000; $4.00 per case of 10,000.
Green Leucothoe, regular lengths, $1.75 per 1000.
Green Leucothoe, 10 to 16-inch, $1.00 per 1000.
Bronze Leucothoe, 10 to 16-inch, $1.75 per 1000; regular lengths, $2.75 per 1000.

Cash with order.



Wire us,
Elk Park, N. C. **BANNERS ELK, N. C.**

Mention The Review when you write.

Wire, Write or Phone Your Orders For

Southern Wild Smilax

Palms, Pines, Fadeless and Natural Sheet Moss, to

CHAS S. LEE & CO., Evergreen, Ala.

We guarantee to take care of you to your entire satisfaction.

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We are now shipping

Southern Wild Smilax

Natural and Perpetuated

SHEET MOSSES

E. A. BEAVEN, - EVERGREEN, ALA.

Mention The Review when you write.



FLOWER BOXES

Successful Florists use Sefton Boxes. To have success in shipping flowers, YOU should use them.

We offer a complete and superior line of cut flower, folding boxes in numerous grades and sizes, as well as Corrugated Fibre Board Boxes for Live Plants and Floral Designs.

Sefton Florists' Boxes combine high quality with low price. We manufacture them in large quantities and thus are able and pleased to give you the benefit in reasonably low prices.

A box of high quality attracts the eye and makes it a pleasure to open a neat, tasty package. Sefton Florists' Boxes are trade builders, inasmuch as they are high class and make a good impression. Purchasers of our boxes were once users of the inferior grades.

Write for prices on your requirements.



THE SEFTON MFG. COMPANY

1333 W. 35th STREET, CHICAGO, ILL.

Factories: Anderson, Ind. Brooklyn, N. Y. Chicago, Ill.

of any sizes of coal, and prices are high. In addition to this, there is still the prospect of a strike or a suspension of mining April 1, at which time the present agreement with the mine workers expires. The bituminous coal trade is more active than it has been in years. The demand is enormous, and prices are high. This applies to practically all grades of coal. This condition has arisen for the same reason that it has in the anthracite region,'' they say.

TEMPERATURE FOR PRIMROSES.

What temperature should seedlings of Primula obconica and Sinensis be given until the time for potting them?

T. S. M.

Until they germinate, 60 degrees at night may be given. Gradually reduce this about 10 degrees as they grow; 50 degrees should not be exceeded after potting.

C. W.

PEAT VERSUS LEAF-MOLD.

Is decayed peat suitable to use in place of leaf-mold in soil for ferns, cyclamens, gloxinias, etc? T. S. M.

Peat will answer well for ferns in lieu of leaf-mold, but for cyclamens, primulas, gloxinias, begonias and similar plants it is not nearly so good. It will answer fairly well until the seedlings are transplanted, but should not be used later. If you cannot get leaf-mold, well decayed cow manure will do as well or better. In fact, after the first potting there is no particular benefit in using the leaf-mold, as the plants prefer some medium with more body to it.

W. C.

PREPARING LAND FOR ASTERS.

We should be pleased to receive information as to what to do with a 2½-acre piece of land which has considerable quack grass on it. We plowed the land in the fall and also last spring. This land has not grown any crop for several years. Would it be advisable to put manure on it this spring, or would it be more profitable to use sheep manure and bone meal? We intend to grow carnations and asters on it.

F. B.

I have had no experience with quack grass, but imagine that you could get rid of it by plowing the patch every



H. & D. FLORISTS' BOX

Universally used for shipping cut flowers and designs. The dead-air cells form a perfect non-conductor of heat and cold, thus preserving contents much longer than ordinary wood box.

H. & D. Florists' Box can be used several times. Is much lighter than the ordinary box, thus saving in express charges.

Write for Catalogue

"HOW TO PACK IT"

THE HINDE & DAUCH PAPER CO., Sandusky, O.

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Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$1.90 per 100
No. 1	3x4½x16	1.75 per 100
No. 2	3x6x18	2.25 per 100
No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x28	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x20	6.25 per 100
No. 11	8½x5x30	8.25 per 100
No. 12	6x12x39 (telescope)	10.00 per 100
No. 13	5x10x30	5.50 per 100
No. 14	6x16x39	10.00 per 100

This list will cancel all former lists.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

LIVINGSTON SEED CO.

COLUMBUS, OHIO

Always mention the Florists' Review when writing advertisers.



CLIMAX CLASSY CUT FLOWER BOXES

Five Grades – Oxford Gray, Mist Green, Nonpareil Green, White Carnation and our popular "Favorite Grade"—the latter a heavy, full telescope shipping box. All popular sizes in stock for immediate shipment. Before placing order, it will pay you to write for prices and samples. Address

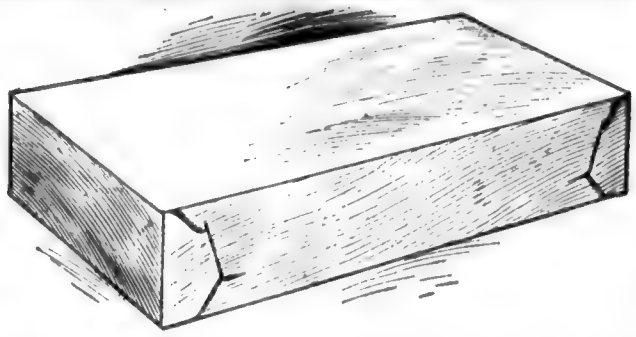
THE CLIMAX MANUFACTURING CO.

200 Factory St., CASTORLAND, N. Y.

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Folding Flower Boxes



3 Reasons For Our Rapid Growth.
QUALITY—Unexcelled.
PRICES—Equal to any.
DELIVERIES—Prompt.

The leading flower box line in the country.

Make your selection from 170 sizes in 8 different colors.

Palm Green, Mist Gray, Mist Brown			Per 100
16x 4	x3		$ 1.85
20x 4	x3		2.15
18x 5	x3		2.15
21x 5	x3		2.50
24x 5	x3½		3.00
30x 5	x3½		3.30
36x 5½	x3½		4.50
21x 7	x3½		3.25
24x 8	x4		3.85
24x 8	x5		4.15
28x 8	x4		4.85
28x 8	x5		5.00
36x 8	x5, Telescope.		7.00
30x10	x5	"	7.50
36x10	x5	"	9.00
40x 8	x5	"	9.00
42x 8	x5	"	11.00
42x10	x5	"	13.00
48x10	x5	"	15.00

White Glaze, Green Glaze, Pink Glaze			Per 100
16x 4	x3		$ 2.65
20x 4	x3		3.00
18x 5	x3		3.00
21x 5	x3		3.50
24x 5	x3½		3.75
30x 5	x3½		4.50
36x 5½	x3½		5.65
18x 6	x3½		3.65
21x 7	x3½		4.00
21x 8	x4		4.65
24x 8	x4		5.25
24x 8	x5		5.75
28x 8	x4		6.00
28x 8	x5		6.50
36x 8	x5, Telescope.		9.00
36x10	x5	"	11.00
40x 8	x5	"	11.00
42x 8	x5	"	13.25
42x10	x5	"	15.00
48x10	x5	"	18.00

Extra Heavy Spray and Design—Palm Green.			Per 100
23x12x5, Telescope			$ 7.50
30x12x6	"		10.00
12x12x8	"		9.00
16x16x8	"		10.00
20x20x8	"		13.00
24x24x8	"		15.00
28x28x8	"		19.00
32x32x8	"		25.00
20x12x8	"		10.00
28x22x8	"		16.00
24x14x8	"		12.50
30x14x8	"		14.50
32x17x8	"		16.00
36x14x8	"		16.00
40x14x8	"		17.50
36x17x8	"		18.50
42x17x8	"		20.00

Extra Heavy Spray and Design—Mist Gray.			Per 100
30x 9x 4, Telescope			$ 6.50
30x12x 6	"		10.50
48x 8x 5	"		12.50
12x12x 8	"		9.50
14x14x 8	"		10.00
16x16x 8	"		10.50
20x20x 8	"		13.50
24x24x 8	"		15.50
24x24x10	"		20.00
28x28x 8	"		19.50
32x32x 8	"		25.50
20x12x 8	"		10.00
24x14x 8	"		13.00
30x14x 8	"		15.00
36x14x 8	"		16.25
40x14x 8	"		17.75
42x17x 8	"		20.50

All our Flower Boxes are made from Moisture-Proof Board.

Violet and Corsage Boxes.	
White and Violet Glaze	Per 100
7x4x4	$2.50
8x5x5	4.00
10x6x5½	5.00
12x8x5½	6.00
Plain Violet	
7x4x4	1.75
10x6x5½	2.50
11x8x5½	3.50
Mist Gray	
7x4x4	2.50
8x5x5	2.75
10x6x5½	3.00
12x8x5½	3.50
14x10x8, Telescope	6.00
Palm Green	
12x8x5½	3.50
15x6x5	3.50
14x10x8, Telescope	6.00

No printing charges on lots of 300 or over. Special discounts allowed on quantity orders. Complete samples sent on application.

A. A. ARNOLD, 16-18-20-22 South Peoria Street, **CHICAGO**



Order Boxes Now

for your Spring Trade. They will pay for themselves in saving of time and material, and your shipments will be delivered to your customers in perfect condition.

Send for Information

Lord Plant Box Co.

524 Andrus Bldg., MINNEAPOLIS, MINN.

Mention The Review when you write.





Your Best Customers

will be favorably impressed if you use Schultz cut flower and design boxes. Made with the best quality of card board for the best class of trade.

If you handle the best trade in your city you need Schultz boxes.

Made to your special order—any size, shape or design, lined or unlined.

Write for prices today—before the Easter rush.

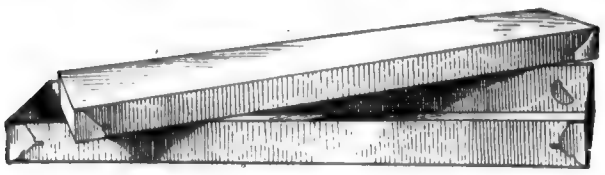
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CUT FLOWER BOXES AND FIBER SHIPPING CASES



It will pay you to get our samples and prices before ordering.

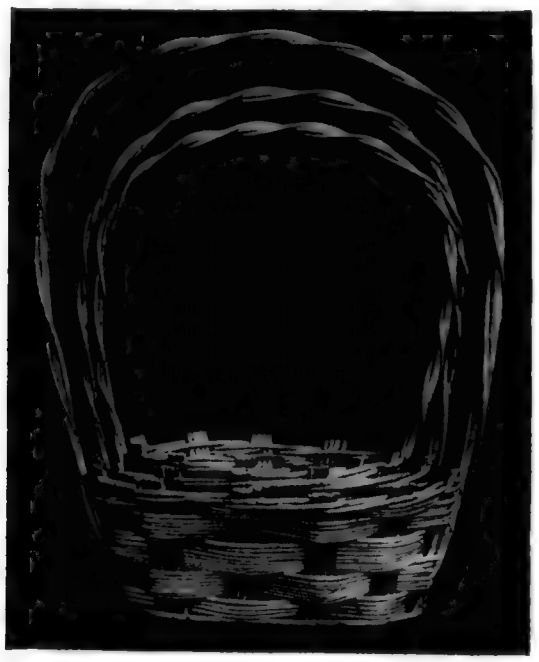
You will find our prices right.

THE J. E. SMITH CO.

6-8-10-12 North Central Ave.

BALTIMORE, -:- MARYLAND

Mention The Review when you write



Raedlein Baskets

add greatly to the attractiveness of cut flowers and plants. Stock up now for the Easter trade. We have a complete line of cut flower and plant baskets and offer our popular

ASSORTMENTS from $10.00 UP

Our Mr. Curtis Kindler has just returned from a visit to our factories in Germany and has brought a line of Easter basket novelties that are ahead of anything we have ever offered—and that's saying a great deal.

Your check enclosed with your order will bring prompt shipment.

When you buy from us, you buy from the factory —at FACTORY PRICES.

THE RAEDLEIN BASKET CO.

717 Milwaukee Ave., CHICAGO

Factories: Ebersdorf and Weidhausen, Germany

month or so. I know of nothing you can put on the ground to kill the grass, but what would render it unfit for any other crop. It might take a whole season to rid the ground of this grass by plowing, but it is the only means I can suggest at this time.

Asters like a fairly rich soil, but do not like fresh manure. The time to manure land for asters is in the fall, before you give it the fall plowing. Then by spring the manure is pretty well rotted and the spring plowing will thoroughly mix it with the soil. If you think the soil is not rich enough, I would advise using the pulverized sheep manure in preference to the stable manure. I doubt whether the bone would be of any benefit whatever. If the soil is not actually poor, the best thing you can do is to give it a good dressing of slaked lime. Apply it after you plow the ground and then harrow it in.

A. F. J. B.

Studebaker

DELIVERY WAGONS

Are Made in Many Styles Particularly Adapted to Your Business.

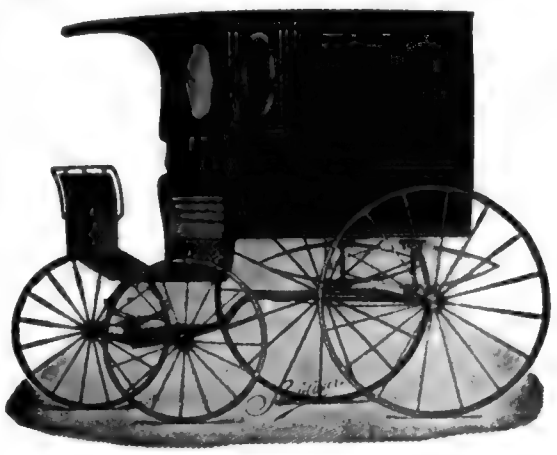
Our catalogues and prices will interest you and help you make your selection.

DO YOU WANT THEM?

THE STUDEBAKER CORPORATION

SOUTH BEND, IND.

Advr. No. 1514.



Mention The Review when you write.

USE Budlong's Blue Ribbon Valley

Mention The Review when you write.

Findlay, O.—Miss Lauretta E. Miller has discontinued her flower shop and is with the City Greenhouse, but intends to go to Williamsport, Pa., with Daniel Gorman.

Bellefontaine, O.—Thomas L. Murphey, of the firm of Murphey & Schiller, has purchased his partner's interest in the business and is now sole proprietor. Since coming here from Urbana a few years ago, Mr. Murphey has been quite successful and his greenhouses on the Sidney pike, just outside the city limits, have grown to considerable proportions.

Want and For Sale Department

☞ Advertisements under this head **10 cents per line** cash with order from all who do not do other advertising. In sending remittance count seven words to the line.

Display advertisements in this department **$1.30** for one inch space.

When answers are to be sent in our care, add 10 cents for forwarding.

Plant advertisements not admitted under this head.

SITUATION WANTED—By a florist of lifetime experience in cut flowers and plants. Address No. **120**, care Florists' Review, Chicago.

SITUATION WANTED—By a young married man, as gardener on private place; 14 years' experience; state wages. Address No. **149**, care Florists' Review, Chicago.

SITUATION WANTED—As rose and carnation grower, also pot plants, single, life experience; state wages per week. Address No. **152**, care Florists' Review, Chicago.

SITUATION WANTED—25 years' experienced grower; roses, carnations, mums, bulbs; all-round designer, decorator; best references; good wages. Florist, 275 Magnolia St., Detroit, Mich.

SITUATION WANTED—By young married man in up-to-date retail store; Chicago; three years' experience; best references; open for engagement now or later. Address No. **150**, care Florists' Review, Chicago.

SITUATION WANTED—By life experienced grower of roses, carnations, violets, mums and bedding plants; middle-aged, single, sober; state wages. Address Florist, Progress Hotel, 12 Chatham Square, New York City.

SITUATION WANTED—By young married German, 11 years' experience in roses, carnations, mums and general stock; sober, honest and industrious, able to take charge. Address No. **135**, care Florists' Review, Chicago.

SITUATION WANTED—By first-class grower of roses, carnations, mums, etc.; age 29, married; sober, hard worker, reliable; life experience; east or middle west preferred. Address No. **157**, care Florists' Review, Chicago.

SITUATION WANTED—By thoroughly experienced florist; 15 years' experience in roses, carnations, mums, bedding stock, etc.; single, sober, competent; state wages; east or middle west. Address No. **158**, care Florists' Review, Chicago.

SITUATION WANTED—On private place as gardener; 8 years' experience and good references; aged 30 years, married; like a place where both can work; will go anywhere in this country. Address B. T. DeWilde, R. 2, Orange City, Iowa.

SITUATION WANTED—By young man of 17, as assistant; has had 3 years' experience in the greenhouses of the O. S. & S. O. Home, Xenia, O.; would make valuable assistant for party needing such help. Address R. W. Swaby, O. S. & S. O. Home, Xenia, O.

SITUATION WANTED—By A-No. 1 grower of roses, carnations, mums and general stock; 20 years' experience; can handle help to best advantage; nothing but a first-class, responsible place considered. Address No. **136**, care Florists' Review, Chicago.

SITUATION WANTED—By young German, 24 years of age, ten years' experience, with good recommendations, as assistant or florist in better private place; please state full particulars and wages; the east is preferred. Address No. **155**, care Florists' Review, Chicago.

SITUATION WANTED—By young man, German, 7 years' experience in general greenhouse work and vegetable forcing; steady worker; wants position as assistant florist; state particulars and wages in first letter. Address No. **143**, care Florists' Review, Chicago.

SITUATION WANTED—An all-round grower of potted bedding plants, cut flowers, good propagator, designer, decorator, also landscape, vegetable gardening and nursery; can produce the results; not afraid of work; open for engagement anywhere in U. S.; position must be good and permanent; am German, age 29, single; possess life experience in the profession, commercial or private; state full particulars in first letter. Address M. L., 924 Cherry St., Kansas City, Mo.

SITUATION WANTED—By first-class saleslady and designer; experience with first-class trade. Address No. **161**, care Florists' Review, Chicago.

SITUATION WANTED—By A-No. 1 rose grower, Beauties and teas; life of experience; best of references. Address No. **160**, care Florists' Review, Chicago.

HELP WANTED—Rose grower as assistant to foreman. Address No. **139**, care Florists' Review, Chicago.

HELP WANTED—A first-class all-round florist and gardener; strictly sober. Mrs. S. H. Myers, Monon, Ind.

HELP WANTED—A designer; only first-class man need apply; single man preferred. Address No. **138**, care Florists' Review, Chicago.

HELP WANTED—A young lady florist to help in store and office; references; in an eastern city. Address No. **11**, care Florists' Review, Chicago.

HELP WANTED—A florist to grow cut flowers and a general line of plants; southern man preferred. Address J. W. Marshall, Jr., Box 334, Meridian, Miss.

HELP WANTED—At once, a good all-round greenhouse man; state age and salary expected. A. F. Barbe, 15th St. and Lawn Ave., Kansas City, Mo.

HELP WANTED—At once, a good florist for roses, carnations and general stock for retail place; state wages. Gus Johnson, 306 E. Springfield Ave., Champaign, Ill.

HELP WANTED—At once; good grower of carnations and bedding plants; position in Chicago; state wages wanted. Address No. **131**, care Florists' Review, Chicago.

HELP WANTED—Gardener for small retail place; summer resort; experience in all kinds of vegetables required. Address F. M. B., Box 686, Mackinac Island, Mich.

HELP WANTED—A good reliable man for store, who has had experience in growing pot plants for Easter and Christmas trade. Address Rawson The Florist, Elmira, N. Y.

HELP WANTED—Foreman for our nursery; we want a No. 1 man; a man that can pack, propagate, plant, grow and handle men; good wages for a good man. The Newburys, Mitchell, S. D.

HELP WANTED—At once; A-1 florist and greenhouse man correspond at once with Milot-Mills Co., Box 203, Wenatchee, Wash.; must be honest and reliable; state wages, etc., in first letter.

HELP WANTED—Manager of landscape department, with energy, education, knowledge of plants, plan making and selling experience. A. W. Smith Co., Keenan Bldg., Pittsburgh, Pa.

HELP WANTED—Florist at once; grower of general greenhouse stock; must be competent; good wages; give reference and experience in first letter. Address M. Langohr, Bozeman, Mont.

HELP WANTED—A good all-round man, one who thoroughly understands growing and watering; married man preferred; position is in an eastern city; references. Address No. **56**, care Florists' Review, Chicago.

HELP WANTED—A good man for pot plant growing for retail place; must be able to produce good stuff; only a man that is interested in his work need apply; no drinking man wanted. Address No. **142**, care Florists' Review, Chicago.

HELP WANTED—At once, an all-round florist, good designer, grower of pot plants and cut flowers; salary $15.00 per week and laundry, or if single man, room free, and board can be had $3.00 a week. Address T. L. Metcalfe, Hopkinsville, Ky.

HELP WANTED—Man who understands landscape planting and is able to handle first-class city planting on private places of plants, perennials, etc.; single man preferred; reference required; wages, $18.00 per week. J. S. Wilson Floral Co., Des Moines, Iowa.

HELP WANTED—For the west; a good reliable single man to take charge of a retail place of six thousand feet; must be a good grower, of good character and total abstainer; wages $18.00 per week with furnished room. Address No. **151**, care Florists' Review, Chicago.

HELP WANTED—Greenhouse man, fully competent for commercial place; no drinker need apply; must be competent as a grower and manager and able to take charge; wages, experience and references in first letter. Address No. **128**, care Florists' Review, Chicago.

HELP WANTED—A competent grower of a general florist stock, including outdoor plants; a man that understands the growing of lettuce also; must be a good designer; married man preferred; state experience, salary in first letter. Address No. **145**, care Florists' Review, Chicago.

WANTED TO RENT—With privilege of buying, greenhouse plant in good condition. Address No. **159**, care Florists' Review, Chicago.

FOR SALE—Nursery in Cal.; misc. stock. Address No. **146**, care Florists' Review, Chicago.

FOR SALE—Retail florist store, stock and fixtures; bargain if bought at once; other business. Cella, 2100 Columbia Ave., Philadelphia, Pa.

FOR SALE—Seven thousand feet of glass, well stocked; good dwelling; my price is right if you mean business. Mrs. May Bradley, Elwood, Indiana.

FOR SALE—A dwelling, three well stocked greenhouses, with an established business. For particulars address L. G. R., 306 W. La Fayette Ave., Fayetteville, Ark.

FOR SALE—Florists' ice box, vases, wire designs, etc.; price far below cost, to make room. Call at Kennedy & Hunter's Seed Store, 156 West 34th St., New York City.

FOR SALE—Retail floral store, well established and doing nice business; location, west side, St. Louis; price, $1200.00. Address No. **148**, care Florists' Review, Chicago.

FOR SALE—Greenhouse property, well stocked, 8,000 feet of glass, in good condition; reason for selling, poor health. For particulars address H. W. Collins, Doylestown, Bucks Co., Pa.

FOR SALE—A white enamel florist's ice box, 6 feet high, 6 feet wide, 2½ feet deep, equal to new, our make; $75.00 f. o. b. St. Louis. Address The Brecht Co., St. Louis, Mo.

FOR SALE—30,000 feet of glass in central Ohio, fully stocked for wholesale growing; good market for stock; price and terms reasonable. Address No. **137**, care Florists' Review, Chicago.

FOR SALE—On account of poor health, a good paying wholesale and retail florist business in a large city in New England. For further information address No. **140**, care Florists' Review, Chicago.

FOR SALE—Two Furman sectional hot water boilers, Nos. 307 and 4008-A; eight Hitchings ventilating machines, complete, suitable for small houses; cheap for cash. Haentze Co., Fond du Lac, Wis.

FOR SALE—Retail flower store, old established, favorable lease; excellent location on northwest side of Chicago; doing good business; good reason for selling. Address Martin Peterson, 2550 W. Division St., Chicago.

FOR SALE—Wholesale and retail florist business, 4000 ft. glass, about 1 acre ground, dwelling (8-room); together or separate; big bargain of the year; write for photo and particulars. E. W. Byer, Shippensburg, Pa.

FOR SALE—My retail flower store at East St. Louis, established 15 years; excellent location, doing good business; only store in city, population 60,000; good chance for a live florist. Address M. F. Widmer, Highland, Ill.

FOR SALE—Modern well piped greenhouses, about 4000 feet of glass; would sell (well worth the money) or would take a partner with $1000 to increase plant; well established trade, store in town, greenhouses on town route. A. R. Salmon, Kalispell, Mont.

FOR SALE—42-inch by 12-foot second horizontal tubular boiler complete with all castings, and 55 feet of 22-inch smoke stack and guyes, good for 90 pounds' pressure; replacing with larger boiler; a snap. Address Chicago Laundry Co., 4239 Cottage Grove Ave., Chicago.

FOR SALE—A good live business and stock in an up-to-date, lively factory town of 6000; will lease modern residence, greenhouses and land for a term of years; only those who mean business need to reply; southern Michigan. Address No. **76**, care Florists' Review, Chicago.

FOR SALE—Will sacrifice on account of health, three greenhouses, two-story house on stone foundation; new steam boiler; paved street; cement sidewalk; thirty minutes ride from Chicago; price, $4000, part cash; inquire in residence. Mrs. H. Port, 1712 S. 4th Ave., Maywood, Ill.

FOR SALE—The long established florist business of John E. Haines, Bethlehem, Pa., recently deceased; 24,000 feet of glass; the business is now successfully and profitably conducted by his executor, but must be sold to carry out the provisions of his will. L. F. Leibfried, Executor, Estate of John E. Haines, dec., Bethlehem, Pa.

FOR SALE—Half interest in one of the best and oldest established retail florist businesses in southern California; illness of proprietor's wife, necessitating his partial absence from the store, cause of sale; will consider purchase of whole or any part of corporation stock. Address No. **113**, care Florists' Review, Chicago.

FOR SALE—Wholesale greenhouse establishment, 10,000 sq. ft. glass, about 4 acres land, 5-room residence, barn and sheds; independent water system, piped everywhere; has always been a money maker; located half way between Chicago and St. Louis, ship either way; also fine local market for lettuce; owners wish to retire and move to California; price, $8500. ⅓ cash, balance long time; everything in good condition; possession any time; now stocked in carnations, sweet peas, smilax, Sprengeri and plumosus. Address Louis Miller & Son, Box 466, Peoria, Ill.

SITUATION WANTED

A FIRST-CLASS GROWER

desires position; at liberty March 15. Pot plants, cut flowers, orchids, etc. 20 years' experience; good manager; American, age 38. Salary or commission. Address No. **156**, care Florists' Review, Chicago.

FOR SALE—Glass; 100 boxes D. S. A., new, fine quality; will sell all or part at right price. W. B. Davis & Co., Aurora, Ill.

FOR SALE—Second-hand pipe; a fine lot of 2-inch pipe, guaranteed sound; write us for prices. Baur Gas Co., Eaton, Indiana.

FOR SALE—My Seedling Transplanter; with it you can set in 5000 plants per day; send for circular. Albert A. Sawyer, Forest Park, Ill.

IF IN NEED OF FARM HELP, SUCH AS HERDSMEN, GARDENERS, POULTRYMEN AND DAIRYMEN, APPLY TO BARON DE HIRSCH AGRICULTURAL SCHOOL, OF WOODBINE, N. J.

WIRE WORKER WANTED

WM. H. WOERNER

1521 Leavenworth St., Omaha, Neb.

Gardener Wanted

FOR PRIVATE PLACE

Young unmarried man preferred. Must be sober and have knowledge of growing and caring for flowers and vegetables; 4 acres of ground. Good home and wages to right party. Canadian, American or German preferred. Location about 200 miles from Toronto. Address

DUNLOP'S, 96 Yonge Street, Toronto, Canada

HELP WANTED

In large southern city, a good, sober gardener for private residence, one who can take care of garden and who understands the care of hothouse plants. Prefer party who has previously worked in the south.

Address No. 127,

Care Florists' Review, Chicago.

HELP WANTED

Rose and Carnation Grower

Must be first-class man who understands the growing of the above for profit. Good opportunity for right party. Single American or German-American preferred. State salary expected and send references in first letter.

The H. Weber & Sons Co., Oakland, Md

Cash for Your Property or Business. I bring **buyer** and **seller** together, no matter where located. If you want to buy or sell, address **FRANK P. CLEVELAND, 2780 Adams Express Building, Chicago, Ill.**

FOR SALE IN FLORIDA

Small florist's establishment with nice trade. Place contains 33 acres woodlands and 750 acres marshes, 4 acres in cultivation; 1300 ft. glass, 9-room house, large stable and sheds, good fences; healthy location on Amelia sound. Good hunting and fishing; also oysters on place. Price, only $2500.00. Need money for other investment.

Address

GERBING'S FLORAL GARDEN, Fernandina, Fla.

For Sale--A Bargain

On account of loss by fire of our shipping shed and stock, we will sell at a bargain our greenhouse property, consisting of eight houses, 25x100 feet, piped for hot water, new boilers, house, barn, two corn cribs, and five acres of land. Additional land can be secured if desired. Liberal terms.

MOSBAEK GREENHOUSE CO., Onarga, Illinois

FOR SALE

Well established greenhouse business in a southern Indiana town of 6000, consisting of 3500 sq. ft. of glass (5 houses), a 7-room cottage, barn, and other out buildings, together with several acres of ground, bargain if taken at once. Houses well stocked with roses, carnations, mums and other plants, suitable for a retail business. Address No. **147**, care Florists' Review, Chicago.

FOR SALE

Well Established Nursery

Excellently located near one of Minnesota's most flourishing cities. Excellent railroad facilities. 120 acres in apples, small fruit and ornamental stock. Good buildings, storage and packing cellar. Will be sold with or without land. Long lease if desired. An exceptional opportunity if taken at once. Good reason for selling. Address

No. 153, care Florists' Review, Chicago

PACIFIC COAST.

Subscribers on the Pacific coast should not fail to note that their special department of The Review has grown until it now occupies five pages. Give us a boost and the Pacific Coast Department will keep right on growing.

There should be in this department a weekly letter regarding trade doings at Spokane. Who will send it?

On page 52 is an illustration showing one of the houses of the MacRorie-McLaren Co., with Lorraine begonias in full bloom.

The severe storms have delayed the mails from the Pacific coast this week, trains being far behind their schedules. This accounts for the absence of several regular news-letters.

On pages 18 and 19 are illustrations showing palms outdoors in the vicinity of Los Angeles, the Jubæa spectabilis on page 19 being said to be the finest specimen in the United States.

Portland, Ore.—J. G. Bacher has published in the Oregonian a column article on how to plant roses that surely will stimulate the demand for stock.

Klamath Falls, Ore.—S. G. Bryant is looking forward hopefully to the early spring season, as that is his especially busy time. During the winter, when trade is rather dull, he increases his income by taking charge of a greenhouse for a private family.

PORTLAND, ORE.

The Market.

Business conditions are about the same as last reported; there has been a steady business daily, enough to keep all lines of stock moving. Spring stock is here in abundance, but the prices have held up remarkably. The favorable weather has started the daffodils into bloom in the yards, while hyacinths and tulips are pushing the ground rapidly. Rose bushes and shrubbery have commenced to put on leaves, but all danger of frost has not yet passed.

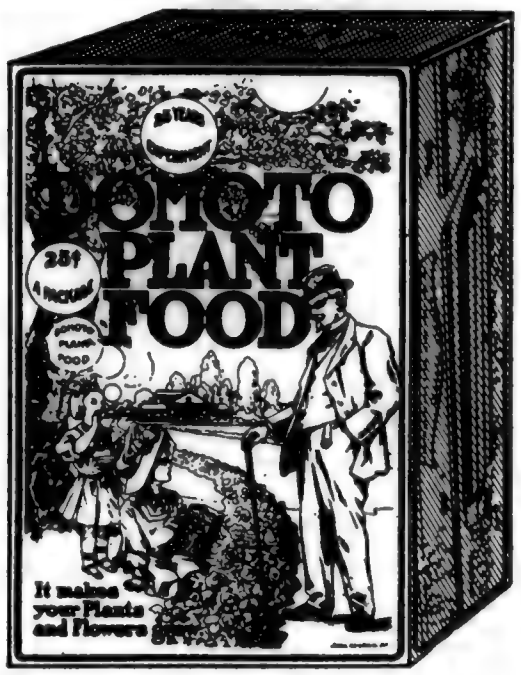
February 22 was designated as the official rose planting day here, in which the school children took an active part. Washington and Oregon officials attended in a body. E. R. C.

SAN FRANCISCO, CAL.

The Market.

Flowers of all kinds are still a glut in the market and, with the advent of Lent, business is not as brisk as we should like to see it. There has, however, been a fair amount of funeral orders during the last ten days, and they seem to have been divided up well among the different retailers. Daffodils are now at the height of their season and are the best selling article that the florists handle. Paper Whites are also taking the place of the cheaper white stock in funeral designs. Valley and hyacinths do not move as quickly as they did a few weeks ago. Lilium longiflorum is quiet, with plenty of stock in sight for Easter.

Carnations are cheaper and roses, except some fancy stock, are at rather low figures. Freesias and tulips hold their own. Fruit blossoms of half a dozen kinds are in good demand for decorative purposes. Wild adiantum is being used heavily for mixing with violets and bulbous stock. Other sorts of flowers all show a slight tendency to drop gradually in price. Violets are slightly on the wane, owing to the warm weather and the tendency to begin the growing of the plants.



What Is It?

It is a vegetable fertilizer.
It is absolutely odorless.
For potted plants, lawns and gardens.
25c per package.
Distributors wanted in each state. Write for particulars.

North American Mercantile Co.
318-320 Front Street
San Francisco, California

Mention The Review when you write.

Direct Importations---Tree Fern Stems

Due to arrive in the early spring of 1912.
The grandest and most graceful of all decorative plants.

Alsophila robusta, Dicksonia Antarctica, Dicksonia squarrosa, Cyathea medullaris, Cyathea dealbata, Cyathea Smithii Cyathea Cunninghami.

All sizes from three feet up.

We will also receive specimen plants of Platyceriums and Todeas,

Prices and particulars on application.

MacRORIE-McLAREN COMPANY

711-714 Westbank Bldg., SAN FRANCISCO, CAL. Nurseries, SAN MATEO, CAL.

Mention The Review when you write

JAPANESE LILY BULBS

For Advance Orders—1912 Fall Delivery
All orders will be highly esteemed before April or May.

Lilium Giganteum, Longiflorum, Formosa, Multiflorum, Magnificum, Melpomene, Rubrum, Album, Auratum, etc.

Let us supply your wants in Lilies this season. Large stock, far below price, strictly choice, high-grade. Connect directly with growers and exporters in Japan. Write for price list for 1912. **Time is now.**

Japan Lillum Co., 926 40th St., Oakland, Cal.

Mention The Review when you write.

Asparagus Plumosus and Sprengeri

Out of 2-inch pots, $3.00 per 100.

Phoenix Canariensis, out of 2½-inch pots. $5 00 per 100.

Washingtonia Sonorae, out of 2-inch pots. $5.00 per 100.

H. KEMPF, Pacific Nursery

3041 Baker St., SAN FRANCISCO, CAL.

Mention The Review when you write.

VIOLETS

CUT BLOOMS—NOW AT THEIR PRIME

SPECIAL PRICE:
85c per doz. bunches, in lots of 5 doz.
Less quantity, $1,00 per doz. bunches.
F. O. B. San Francisco.

I am the pioneer and largest shipper. I have a special GIANT variety, single, dark purple, a wonderful keeper. Am now shipping regularly to florists in Omaha, Kansas City, etc., and not a box has arrived in bad condition. Have shipped successfully to New York. **Order a trial shipment.**

MRS. R. E. DARBEE,
1974 Bush St., San Francisco, Cal.

Mention The Review when you write.

Various Notes.

Martin Reukauf, representing H. Bayersdorfer & Co., was recently in town for a few days' stay.

It Pays

To Pacific Coast Florists:

What stock have you for sale to the trade? Is it moving as it should? No?

Then tell the trade about it by using the Pacific Coast Pages of The Review.

Pacific Coast advertisers almost invariably report good results. Like this:

We are well pleased with the results obtained by advertising in the Pacific Coast Department of The Review. We sold out clean for Thanksgiving and refused many orders. The Review surely gives results.—Van Slyke & Seamons, Tacoma, Wash., November 30, 1911.

The transient rate for space is $1 per inch per insertion. Those who have stock to offer all or a considerable part of the year around should write for contract rates.

Florists' Publishing Co.
508 So. Dearborn Street : CHICAGO

CARNATION CUTTINGS



We prepay on orders for rooted cuttings amounting to $10.00 or more. Unrooted cuttings sent collect. Extra fine, thrifty soil plants in any of the following, $5.00 more per 1000, f. o. b. Loomis.

	100	1000	Unrooted 1000
Dorothy Gordon	$3.00	$25.00	$12.50
Enchantress	2.50	20.00	10.00
R.-P. Enchantress	2.00	18.00	10.00
Alma Ward	2.50	22.50	11.25
Var. Lawson	2.00	18.00	10.00
Harlowarden	1.75	15.00	9.00
Victory	2.00	17.50	10.00

LOOMIS CARNATION CO., D. F. RODDAN & SON, Props. Loomis, Placer Co., Cal.

Mention The Review when you write.

Rooted Carnation Cuttings READY NOW

	Per 100	1000		Per 100	1000
Enchantress	$2.00	$18.00	Winsor	$2.00	$18.00
R. P. Enchantress	2.00	18.00	Winona	2.00	18.00
Pure White Enchantress	2.25	20.00	Beacon	2.00	18.00
Dorothy Gordon	3.00	25.00	Victory	2.00	18.00
Pink Delight	3.00	25.00	Eldorado	2.00	18.00

Express prepaid on orders amounting to $10.00 or more.

BASSETT'S FLORAL GARDENS, B. S. BASSETT, Proprietor **LOOMIS, CAL.**

Mention The Review when you write.

Here's What You Want California Decorative Greens Colored a Rich Red.

Including Mexican Ivy and other equally useful foliage at reasonable prices.
I am shipping to all points in the United States.
Write me

C. EADEN LILLEY, Wholesale Florist **Santa Cruz, Cal.**

Mention The Review when you write.

50,000 R. C. Carnations

Ready now. No finer or healthier stock to be found anywhere. All heel cuttings, all standard varieties, $2.00 per 100, $18.00 per 1000, except Pink Delight, Mrs. C. W. Ward and Dorothy Gordon—$3.00 per 100, $25.00 per 1000.

El Durasno Flower Co., Newcastle, Cal.
L. A. SMITH, Manager

Mention The Review when you write.

Asparagus Sprengeri

Cut Sprays, 2 to 4 feet long,
$1.00 - per 100

Walter Armacost
OCEAN PARK :: CAL.

Always Mention the...
FLORISTS' REVIEW
When Writing Advertisers

Carnation Cuttings

Enchantress, Beacon, White Enchantress, White Lawson, Pink Lawson, Winsor Pink Enchantress (improved by late Galloway). We have none of the outside cuttings; we take our cuttings after we remove all flowering branches. Price **$15.00 per 1000.** Ready 10th of March or earlier. Terms cash.

Shinoda Nursery, 2238 E. 73d Ave., OAKLAND, CAL.

Mention The Review when you write.

CARNATION SPECIALISTS

California Carnation Co.

LOOMIS, CAL.

Mention The Review when you write

PALMS PALMS PALMS PALMS PALMS

WASHINGTONIA ROBUSTA

1, 1½, 2, 2½, 3 and 3½ ft., at 25c, 30c, 40c, 45c, 55c and 75c each (balled plants). Ask for our Wholesale Palm List of all kinds of Palms (Cocos, Phoenix, Seaforthia, etc.) State quantity wanted.

EXOTIC NURSERIES, Santa Barbara, Cal.

PALMS PALMS

Mention The Review when you write

FRED G. EHLE, San Jose, Cal. Wholesale Grower

of Rooted Cuttings and Plants, Roses, Carnations, Chrysanthemums, Petunias, Verbenas and a general line of Bedding Stock. Send for Price List.

Always mention the Florists' Review when writing advertisers.

D. Figone is managing the store of Mrs. L. Devencenci, on Sutter and Fillmore streets.

John Kappelman is no longer with the Fairmount Floral Co., on Powell street.

Emil Serveau has been under the doctor's care for several days. At last account he had somewhat recovered from quite a dangerous condition.

Frank Miller, well known to the gardening fraternity of St. Louis, is in San Francisco with the intention of permanently locating here.

The showing of seasonable flowers in the Kearney street store of Pelicano, Rossi & Co. is one of the most beautiful in town and attracts a great deal of attention on that popular thoroughfare. G.

LORRAINES ON THE COAST.

The extent to which Lorraine begonias are grown by some of the western concerns is shown by the accompanying illustration, which is reproduced from a photograph made in the establishment of the MacRorie-McLaren Co. Thus far the Pacific coast growers have had no problem of distribution to consider, such as is beginning to be apparent in the east—their only difficulty has been to keep pace with the increasing demand.

MAKING A START.

At present I have nothing but a small stock for retail trade, but some day I hope to help crowd that Pacific Coast Department onto the fifth, sixth or seventh page; I have watched the growth it has made in the last few months. I am just beginning my business and am new to the trade, but I have sent halfway across the United States for stock that I could have bought right here at home, almost, if I had only known where. I think The Review is just the finest ever, and I always turn first to the Pacific Coast Department. I am starting in business in a small way; in fact, I wonder if you would care for a little bit of our history. Six years ago last June we, my husband, a 6-year-old son and a 16-year-old stepson, arrived here with two trunks, $100 in gold (my husband had his barber tools in a hand bag) and enough to pay rent on two furnished rooms for two weeks. I was helpless with heart trouble; had been under the doctor's care for two years, which explains our financial condition. The doctors said my only hope was the coast. Today we own our own home, my husband owns his own business, and, as my heart grew stronger, our family increased. Two dear little girls and a 2-year-old "man" now help me in the garden, and I have succeeded in stocking our 200-foot lot with good roses and about 500 carnations for cut flowers. When we first bought our home—paid the original $100 gold down, the balance in payments—my husband could not spare me money for roses, so I knit a baby jacket and cap and earned $2.50 for my first twelve plants. And I have kept on buying roses with every cent I could save. I have studied roses day and night, eat with a book in one hand and go to sleep at night with a rose book in my hand. When I was studying hybridizing I would nurse my babies with a rose in one hand and a book in the other. I have three roses of my own that promise to be good. But above all I have got a reputation; people here think that no one can raise roses like Mrs. Paquette, and you know that is good for the trade. I am small in business yet, but I have patience, a bulldog persistence, a passion for roses, and a kind, encouraging husband and a good heart. So with the help of The Review I intend to grow.

Mrs. E. E. Paquette, Ventura, Cal.



Lorraine Begonias of MacRorie-McLaren Co., San Francisco.

SPRING FLOWERS

Daffodils, Hyacinths, Freesias and Tulips

We are handling the finest grades of these and can supply all demands. We make daily shipments to all points. Roses, Carnations, Violets, Valley and all other stock in season. Greens of all kinds. A trial order will convince you of the merits of our stock. Write, phone or telegraph.

CREUTZ & CO.

403 W. Eighth St., Home Phone F. 5407. Los Angeles, Cal.

Mention The Review when you write.

Los Angeles Flower Market

Chas. E. Morton, Mgr. 414½ S. Broadway, Los Angeles, Cal.

The best equipped wholesale house on the Pacific Coast. Handling the entire cut from eighteen large growers. Roses, Carnations, Violets, Plumosus, Ferns, Smilax, in fact everything in season.

FLORISTS' SUPPLIES

Write, telegraph or telephone your orders. Prompt attention given.

Mention The Review when you write

Sweet Peas For Northern Shipments

also fine assorted Stocks, Gilliflowers and Sweet Sultans — lavender and white.

SAN FRANCISCO DEALERS PLEASE NOTE

Cut Flowers, Greens and Florists' Supplies

Orders booked now for new crop seed ready in March. Asparagus Plumosus, $2.00 per 1000. Asparagus Sprengeri (March delivery), 50c per 1000; $3.00 per lb. Small quantity of Smilax seed left, 1911 crop, cheap to clear. These prices are net. All orders from unknown parties must be accompanied by either cash, money order or certified check.

Publishers of Florists' Design Books kindly correspond with us.

H. N. GAGE CO., Wholesale Florists and Supplies, 534 SOUTH BROADWAY, LOS ANGELES, CAL.

SHASTA DAISIES

Alaska, California and **Westralia,** extra strong field divisions, $24.00 per 1000; $2.50 per 100.

Cyclamen Persicum Giganteum, 3, 4 and 5-in. pots, $7.00, $12.00 and $20.00 per 100. Fine bushy plants, well budded.

Asparagus Plumosus, 3-in., $5.00 per 100.

Asparagus Sprengeri, 3, 4 and 5-in. pots, $5.00, $8.00 and $15.00 per 100.

Also **Shasta Daisy, Pentstemon Hybridum Grandiflorum, Delphinium Hybridum** and other choice seeds. Send for list.

Cash, please.

FRED GROHE, Santa Rosa, Cal.

R. D. 4.

Mention The Review when you write.



Phoenix Can., balled, by the carload: 2, 2½, 3, 3½, 4, 4½, 5, 5½, 6, 6½ ft., at 25c, 30c, 40c, 55c, 75c, 95c, $1.20, $1.45, $1.75, $2.00 each.

Areca Sapida, potted, 2½, 3, 3½, 4, 4½, 5, 5½, 6 ft., at $1.00, $1.30, $1.60, $1.90, $2.20, $2.50, $2.80, $3.10 each.

Kentias and other Palms in different sizes, for smaller orders, 25 per cent extra, packing included. Order now for spring delivery.

Kentia Nurseries. - Santa Barbara, Cal.

Mention The Review when you write.

	Each	Per 100
Duranta Plumieri, 6-in. pots	50c	$40.00
Phoenix Reclinata, 5-in. pots		35.00

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GLADIOLUS TROUBLES.

[Concluded from page 21.]

ply grown again, ad infinitum, and no wonder we get the heritage of diseased bulbs we now enjoy. It looks as though the ordinary care rendered by the potato grower was lacking in many cases. The best potato to type is selected—the cleanest, healthiest, of a certain form, and precautions are even carried so far as to go into the field while the crop is growing and select certain hills that show up the best. How much of this care has been used with the gladiolus? In a large majority of cases everything goes in, good, bad and indifferent, with the results we now have.

Planting year after year on the same ground only adds to the confusion. And I believe the foregoing methods of procedure, added to carelessness in handling the bulbs from harvesting to planting, are responsible for nine-tenths of the diseases attacking gladiolus bulbs. A low temperature, aided by moisture, also helps in the destruction. During the winter of 1910-11 I left out over the winter some America and King, covered with a good mulch-

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Less than	5,000	@	$2.50 per 1000
In lots of	5,000	@	2.25 per 1000
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Beacon, Enchantress, Lawson, Estelle, Winsor, $2.00 per 100; $17.50 per 1000. Dorothy Gordon, $3.00 per 100; $25.00 per 1000. Victory, White Perfection, Rose-pink Enchantress, $2.50 per 100; $20 00 per 1000. Healthiest, cleanest plants you can find on Pacific coast. No cuttings taken from outdoor stock.

ASPARAGUS PLUMOSUS NANUS

2½-inch pots, from flats, ready for 3-inch pots..... ... .per 100, $2.50; per 1000, $20.00

PANSY PLANTS, Henry Mette's Triumph of Giant, per 1000, $5.00.

Express charges prepaid on orders amounting to $10.00 or more. All orders must be accompanied by cash. Send for special price lists for **Chrysanthemums** and **Border and Bedding Stock.**

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Mexican Ivy	1000,	$5.00
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ing, and those that survived and grew last summer showed plainly the effects of such treatment, in increased disease conditions and smaller bulbs. But, where the bulbs were well mulched and kept free from frost they were fine and healthy, showing conclusively that environment was largely responsible for poor conditions. I have left out bulblet stock over winter and, where well covered with snow and the ground well drained, they came through nicely and did at least as well as when they were taken up and replanted. The rows were a veritable mass of small bulbs, not as large, perhaps, but vastly more of them grew. This, however, can not be done with certainty. General conditions are against the practice. Moisture and cold in the storehouse will have a weakening effect on the bulbs, making them more susceptible to the attacks of fungus. Just because the bulb will live is no reason why it should not have reasonable care during the winter, and also no reason why a rigid system of selection should not apply to the bulb as well as to the flower when selections are made for cross breeding.

Another practice that I believe is detrimental to the healthy bulb is the continued selling of bulblets and small planting stock. Of course the high prices are tempting, but they are paid for in the end. If the same careless practice of selection were used by the potato grower, any variety would soon go out of existence. The right practice is to sell what might be called old bulbs, three years old or over from seed or bulblet, and keep the young stock continually on the advance in growth. In other words, take advantage of the Creator's evolution of growth and the result can not be otherwise than good, and there is a continual growing of better stock to place on the market. And again, these so-called old bulbs are in the pink of condition to bring the best results when forced by the florist and others. When you add a careful selection during harvesting and cleaning, keeping these bulbs separate, growing the bulblets separate and taking proper care of stock, you have about as good conditions as ordinary mortals can produce.

Another injunction that may be added is, don't grow bulbs more than two years in succession on the same land. Seed down and grow clover for two years. This will take more land, but pays in the end. If these simple conditions are followed, with good care during the winter months, I see no reason why the larger part of all diseases can not be eradicated. You can not cure a consumptive with foul air. You can not grow good gladiolus bulbs with carelessness and bad temperatures. The gladiolus was not intended by the Creator to be grown under the forcing conditions now applied, and extra care must be used all along the line to keep conditions up to standard, to say nothing of progress. I believe the industry is but in its infancy, but to get the best out of it men must step to one side for the moment and sacrifice a little of present profit for future good. I believe this is being done, and in the end those that follow a rigid system of selection and using the best of care will be well rewarded, when the time comes that our seedsmen will more earnestly demand good, clean and healthy stock for their customers.

A reference to one little experiment may not be out of place. We used Augusta gladiolus, grown two years from eastern stock; 100 bulbs were selected, the choicest to be found. From these were grown 126 bulbs, largely No. 1. As to the opposite method, 100 bulbs were selected from the poorest to be found as to disease and other conditions. Result, twenty-four bulbs were grown. It would seem as though such an experiment would show any thinking man the value of careful selection in securing the best results.

E. S. Thompson.

THE Mum Manual, by Elmer D. Smith, for 40 cents sent to The Review.

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	100	1000	100	1000		100	1000	100	1000
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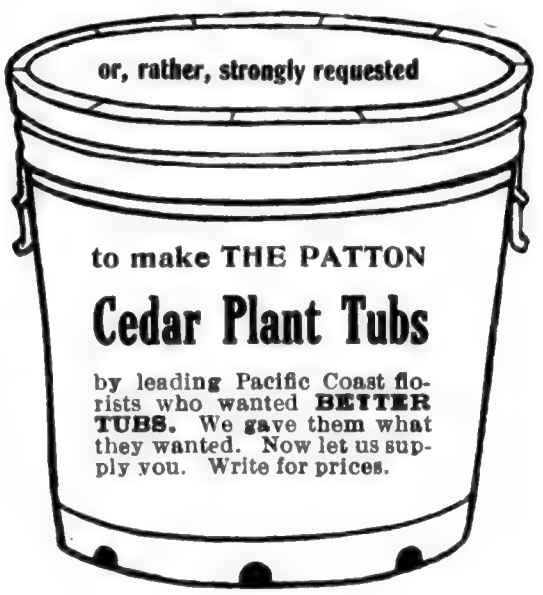
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EARLY OUTDOOR TOMATOES.

When is the right time to sow the seed of Burpee's Sparks' Earliana tomato for an early crop in the spring? The plants are to be put out in the field after danger of frost is over, which in this locality, in northern Maryland, would be about the middle of May. I intend to sow in paper pots, in a violet house with a temperature of 45 degrees at night. Should they get a little shade when the sun becomes hot in the spring? Will it be necessary to harden them in a coldframe before planting them out? Any information you can give me will be greatly appreciated. E. A. P.

Many gardeners like to plant their early tomato seed March 1 and get fine, large pot plants to put out May 15, but I find that they get too large for 3-inch pots unless planted later, and if too large and spindly they do not do as well as younger plants. If you start them in the violet house, however, they will be so cool that they will not grow much for some time.

I should think you could plant them outside by May 1 in your latitude. They will not need to be hardened if grown in a cool, well ventilated house, but should be if grown in a warm house. They need no shade at all. I would advise the starting of two lots of seed, so that later you could use whichever lot you find preferable. Start them March 1 and 15. H. G.

New Bedford, Mass.—S. S. Peckham expects to build another large house this season.

From the Florists' Review, March 7, 1911

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Radish, Scarlet Globe; Self-Blanching Celery; Lettuce, Improved Big Boston (quality extra); Black Seed Big Boston, Beaulieu's Forcing, 45 head fill up a barrel; Beaulieu's Globe White Tipped Forcing (½ pink, ½ white) new radish; White Tipped Scarlet turnip; Beet, Detroit, Crosby; long smooth parsley, large rooted, extra; Spinach, Savoy, Viroflay, Triumph, etc.; Endive, Curled and Escarolle. All this has been selected by myself and is the quality as used by the market gardeners of Paris. Send for prices.

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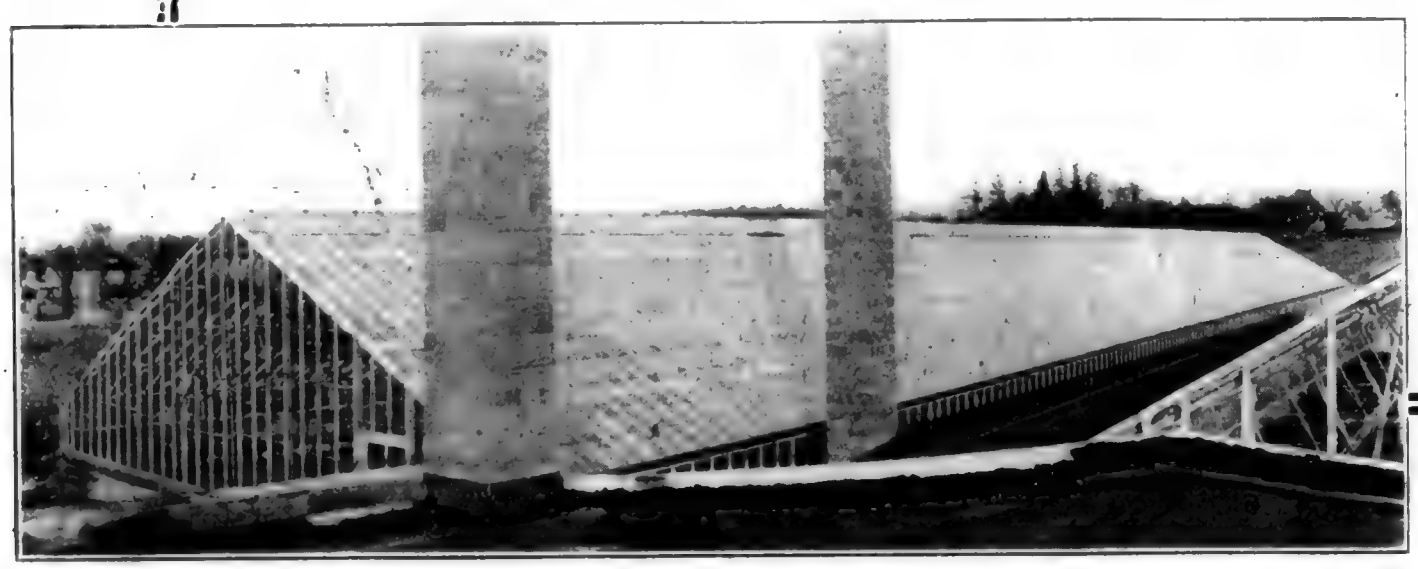


is the way Dobbs & Son, of Auburn, describe their new range of glass, which is illustrated herewith. The house shown is 42x250 feet, without posts or other means of support, yet it is as safe as any house can be. It need hardly be said that Garland Truss construction was used. It is the only truss that has stood up successfully under all kinds of conditions and strains.

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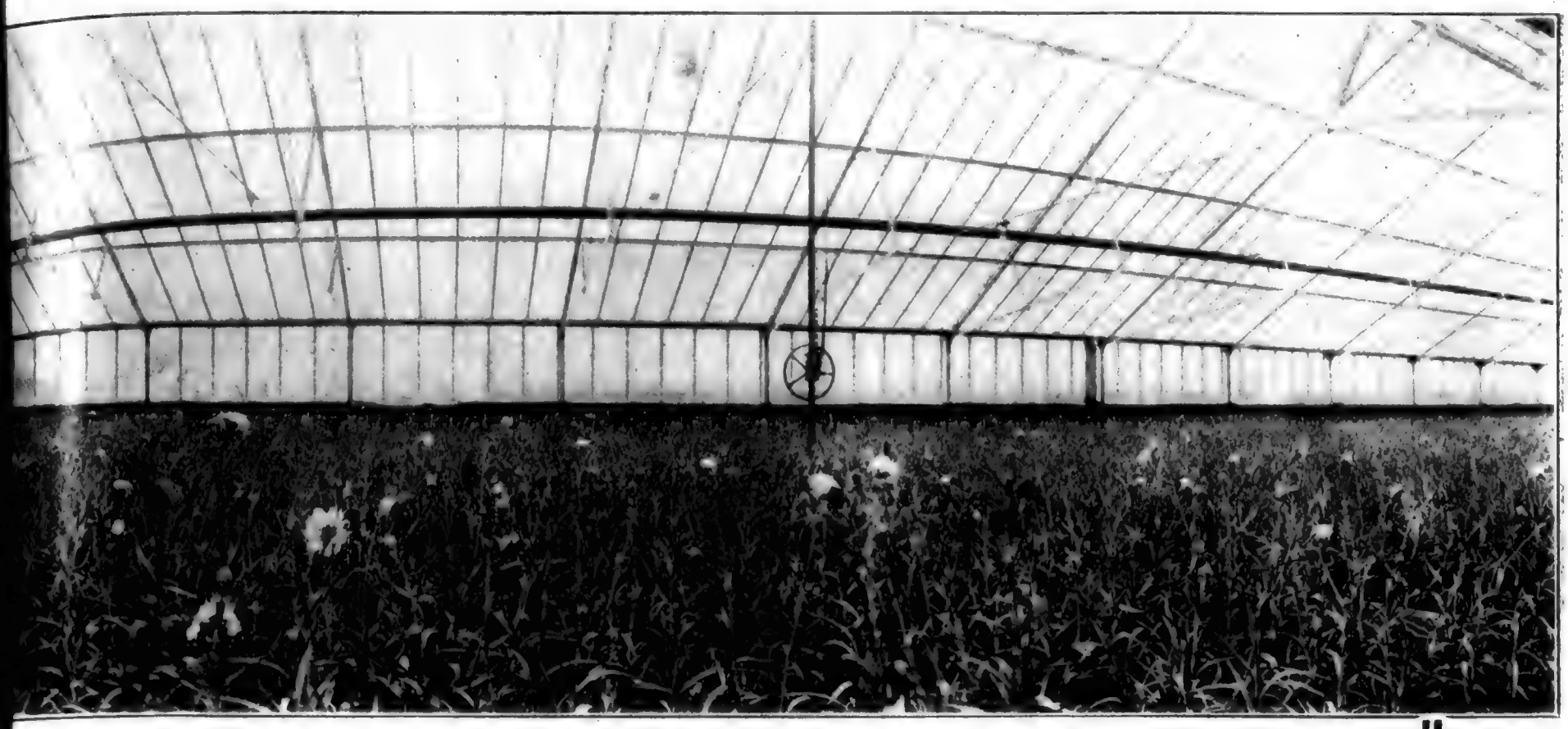
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The social season just closed was good, or bad, depending on whom you asked, for with some it was the best season in years, as with one set of people it was one continued round of functions with good decorations, while the small trade was hardly up to the average.

The lenten season has not started in at all badly and we are hoping it will hold on. However, a week's good

BOSTON, MASS.

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G. Van Bochove & Bro., The Leading Florists

NEW JERSEY

EDWARD SCEERY—PATERSON and PASSAIC
Member Florists' Telegraph Delivery Association.

MRS. J. B. FREEMAN, LEADING FLORIST, Successor to Geo. A. Heinl **Toledo, Ohio**
All Orders Promptly Executed.

Rock's Flowers Kansas City

Wm. L. Rock Flower Co.

KANSAS CITY, MO.
1116 Walnut Street
Members Florists' Telegraph Delivery

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Stiles' FLOWER STORE
OKLAHOMA CITY, OKLA

Members Florists' Telegraph Delivery.

Colorado Springs, Colo.

Frank F. Crump Wholesale and Retail Florist
Members Florists' Telegraph Delivery.

VASSAR COLLEGE

The Saltford Flower Shop, Poughkeepsie, N. Y.

weather and everybody would be swamped with stock.

Various Notes.

During the cold snap in the early part of the month the McKeesport Floral Co. had a fire which destroyed their boiler house and also killed one horse. They managed to keep the steam going and their stock did not suffer.

John H. Orth, of McKeesport, is the latest to purchase a delivery auto; his trade in surrounding towns seemed to make it necessary.

Mrs. E. A. Williams is taking a few days' deserved rest at Atlantic City after a splendid season's business.

Hoo-Hoo.

BUFFALO.

The Market.

Our warm spell was badly broken up last week by the fiercest storm of the season. Continued snow and a terrific gale made traffic impossible and business was at a standstill for a few days. Fortunately, the weather broke nicely for Friday and Saturday and the usual sales were held for specials. These have proved to move considerable stock

Tonseth Floral Co.

325 Morrison Street
GROWERS AND RETAILERS
Portland, Ore.

Seattle, Washington

Hollywood Gardens

1534 SECOND AVENUE
MEMBERS FLORISTS' TELEGRAPH DELIVERY

ST. PAUL, MINN.

The Largest Store in America.
Members Florists' Telegraph Delivery.
The finest and largest stock west of Chicago.
Awake night and day looking for orders.
HOLM & OLSON, Inc.
20, 22, 24 West 5th Street

GUDE BROS. CO. FLORISTS 1214 F ST. N.W. WASHINGTON, D.C.

WASHINGTON, D. C.
GUDE'S
Member Florists' Telegraph Delivery.

Rockford, Ill., H. W. Buckbee

CLARK, FLORIST, SCRANTON, PA. 124 Washington Ave.
Member Florists' Telegraph Delivery. Orders for Northeastern Pennsylvania filled promptly. Usual discount. Both Phones No. 2454.

TERRE HAUTE, IND.
JOHN G. HEINL & SON, 129 South 7th Street

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

New Orleans,
LOUISIANA
Yours for Quality and Promptness.
30 Years of Success.
THE AVENUE FLORAL CO.
3442 St. Charles Ave.

Los Angeles, Cal.
THE ROSERIE
FLORIST
LARGEST STORE IN CALIFORNIA
721 SOUTH BROADWAY
C. J. MULLER, Proprietor
Orders for Designs or Cut Flowers promptly filled. Trade discount.

HAYWARD FLORAL CO.
216 West Sixth St., LOS ANGELES, CAL.
Cut flowers or good design work by best artists and designers, delivered anywhere in the west on receipt of mail or telegraph orders. Usual discount to the trade.

Thee Florists
328 W. Fifth St., Los Angeles, Cal.
We make a specialty of out-of-town orders and solicit your business, which will have our prompt attention. Prices right. Usual discount.
FRANK LICHTENBERG, Prop.

WOLFSKILLS'
and
MORRIS GOLDENSON
Consolidated.
CUT FLOWER MERCHANTS
We solicit telegraph orders.
Regular Trade Discount.
229 W. Third Street, LOS ANGELES, CAL.

S. MASUR
Telephone 334 Main.
336 Fulton Street, BROOKLYN, N. Y.

R. Strohmeier, Aberdeen, S.D.
Prompt Attention Given to Out-of-town Orders

Orders for Charleston, W. Va.
are given prompt and careful attention by the
CHARLESTON CUT FLOWER AND PLANT CO.

Brockman's Flower Shop Fort Smith, Ark.
Leading florists in fastest growing city in the southwest.

INDIANA and ILLINOIS
Promptness and very Freshest Flowers.
M. B. & C. E. STOVER, 118 So. 6th St., TERRE HAUTE, IND.

JULIUS EPPSTEIN
The California Florist
344-346 Geary Street, and Hotel St. Francis, SAN FRANCISCO, CAL.
We cover the entire Pacific Coast and West of the Rockies. Wire us your orders for all Steamers sailing for Honolulu, Manila and the Orient.
Regular Trade Discount.

each week and sales total high as a result. Stock keeps about even with the demand, but as yet the cheaper roses are scarce. Bulb stock, as usual, is plentiful, with a large quantity of it moving every day. Washington's birthday failed to make much stir on the market, owing to the storm and the fact that the large stores were closed a half day.

Various Notes.

The Buffalo bowlers have accepted a kind invitation from the Rochester boys to have a game of bowling and the usual good time which we are always afforded at the hands of the Rochester boys.

Friday, February 23, three delegates from the Buffalo Florists' Club took in the meeting of the State Florists' Association, and we were agreeably surprised to learn that one of our men was elected president. The meeting was held at Cornell University and William F. Kasting was the man elected. Mr. Adams and W. J. Palmer also attended the meeting.

Edward Stephan, for many years with S. A. Anderson, is now employed by W. J. Palmer & Son.

The new greenhouses at Delaware park, in charge of Mr. Keyser, are now near completion and already make a splendid appearance. Mr. Keyser now has the finest collection of cinerarias ever shown in Buffalo. R. A. S.

BOSTON.

The Market.

The arrival of the lenten season has caused a cessation of social activity and continued mild weather has greatly increased the output of flowers. The warmer weather has allowed the street venders to ply their trade and they have taken a large quantity of second rate flowers which would otherwise have been a complete loss. Roses are arriving more abundantly and prices show a downward tendency. Beauties are not of good quality, but Killarneys, Richmond, Ward, Hillingdon and other sorts are uncommonly good. Yellow varieties continue popular. These are now being much used in funeral designs, as well as in bouquets and for centerpieces. Carnations are in heavy supply. Pink Delight is the best seller of all. Gloriosa also is popular. Enchantress brings lower prices and will be less grown next year. White Wonder and White Enchantress are the leading whites. Beacon easily leads all scarlets, and Fenn is still the most largely grown crimson.

Violets are abundant. The milder weather has especially brought forward the singles, which are making much leaf growth, a sure sign of their approach-

BOSTON, MASS.
143 Tremont Street
Wax Brothers
THE CENTRALLY LOCATED FLORIST SHOP
"Yours for Reciprocity"
We cover all points in New England.

TRENTON, N. J.
MARTIN C. RIBSAM
THE FLORIST
Messenger delivery to Princeton, New Brunswick, Bordentown, Hightstown, Lawrenceville and Lambertville, N. J.

FRED C. BECKER
1730 Cambridge Street, CAMBRIDGE, MASS.
Deliveries made to Harvard and Radcliffe Colleges and all outgoing Boston steamers.

Established 1859.
A. Wiegand & Sons
Florists and Decorators
1610 to 1620 N. Illinois St., Indianapolis, Ind.
Indiana's oldest, largest and most complete retail establishment.

THE FERNERY SCHULTHEIS, FLORIST
Write, Phone or Wire **612 Linden Street, SCRANTON, PA.**

S. B. STEWART
119 No. 16th St., OMAHA, NEB.

Wholesale and retail orders for
CUT FLOWERS, FUNERAL DESIGNS, etc.
by telegraph will receive prompt attention at
IRA G. MARVIN'S, Wilkes-Barre, Pa.

Benson's Flowers
Indianapolis, Ind. Delivered Anywhere

Frey & Frey, 1338 O St. Lincoln, Neb.
Wholesale and Retail
100,000 sq. ft. of glass at your service. Trade discount

DRUMM SEED and FLORAL CO.
507 Houston St., FORT WORTH, TEX.
Headquarters for Cut Flowers and Funeral Designs

J. J. BENEKE
1216 Olive St. ST. LOUIS, MO.

I. N. KRAMER & SON
CEDAR RAPIDS, IA.

Chas. W. Crouch, KNOXVILLE, TENN.
The Leading Florist of the South.
All Orders Given Special Attention

LEADING RETAIL FLORISTS

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Wolfe the Florist
in **WACO, TEXAS**
The center of Texas.
Send us your Orders for Cut Flowers.

Orders for
BIRMINGHAM, ALA.
Well taken care of by
AMZI GODDEN SEED CO.
Established 1857.
Facilities for supplying everything in the line of CUT FLOWERS AND DESIGNS

BUFFALO
S. A. ANDERSON
440 MAIN STREET
Special Deliveries Niagara Falls and Lockport

Write, Wire or Phone your orders to
YOUNG'S
1406 Olive St., ST. LOUIS, MO.
Regular discount allowed on all orders, either Plants or Cut Flowers.
Phones: Bell, Main 2306; Kinloch, Central 4961

SAN FRANCISCO
Podesta & Baldocchi
224 Grant Avenue
Prompt and careful attention to orders from out-of-town florists

The Cleveland Cut Flower Co.
CLEVELAND, OHIO
Will fill your orders for Designs or Cut Flowers in Northern Ohio.

MARION FLORAL CO.; Marion, Ind.
Central Northern Points. Store: 406 South Adams

PROVIDENCE, R. I.
and all New England Points
T. J. JOHNSTON & CO.
171 Weybosset Street, Providence

BEYER FLORAL CO. SOUTH BEND, IND.
Daily deliveries to Notre Dame University and St. Mary's Academy.

MADISON, WIS.
Capital City Greenhouse Co.
Best Shipping Service for Wisconsin

All orders receive prompt and personal attention,
LOU HELEN DUNDORE, THE ROSERY
110 W. King St., LANCASTER, PA.

CORNELL and WELLS COLLEGES and CENTRAL NEW YORK ORDERS
Dobbs & Son, Wholesale and Retail Florists, Auburn, N.Y.



SEND
YOUR ORDERS FOR
DIXIE LAND
TO
IDLE HOUR NURSERIES
MACON, GEORGIA
All Choice CUT FLOWERS in Season
Orchids and Valley a specialty

ing finish. Sweet peas are popular but overplentiful. Callas and lilies are abundant. The Formosa lilies are in evidence. Tulips and narcissi of all sorts are in oversupply. Hyacinths do not sell well. Mignonette is still good, but will deteriorate with warmer weather. Pink snapdragon is in demand. Gardenias are selling well. The best make $3 and $4 per dozen. Valley is more plentiful. Cattleya Trianæ is still in good supply, averaging $4 per dozen. Other flowers noted are tritonias, cut acacia in variety, lilac, amaryllis, the first Spanish iris of the season, yellow marguerites, calendulas, ten weeks' stocks and forget-me-nots. Plant trade, with the more open weather, has taken quite a spurt.

Various Notes.

Several exhibits were inadvertently omitted from the list shown at the club meeting February 20. These included superb Gorgeous and Benora carnations from Peter Fisher, a splendid collection, comprising Gloriosa, Pink Delight, White Wonder, Loris, Golden Ray, Fenn, Beacon, Helen Goddard and a new seedling from S. J. Goddard and excellent Fenn, Pink Delight and a Winsor sport from W. D. Howard, of Milford. The display of exhibits was the largest in the club's history.

John T. Gale, of Tewksbury, has a house 28x150 containing 5,000 Campbell violets, which gives him many thousands of flowers daily. He has a smaller house also devoted to them, also a house 30x209, containing 5,000 Princess of Wales. His other specialties, all of which are well grown, are yellow marguerites and sweet peas.

Mann Bros., of Randolph, our largest bulb specialists, have an immense daily output of hyacinths, narcissi and tulips. They find a good call for La Reine, pure white as well as pink in color. Their Formosa lilies are good. They will start cutting Spanish iris in a few days.

M. F. Gray, of Mattapan, at the Boston Co-operative Market, has an excellent assortment of hyacinths in pans,

We Guarantee Satisfaction
A. T. Bunyard FLORAL CO.
413 Madison Ave., Cor. 48th St., **NEW YORK**
Bellevue Avenue, Newport, R. I.

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand.
McKenna FLORIST
MONTREAL

FRED EHRET
WHOLESALE AND RETAIL FLORIST
1407 Fairmount Ave. and 702 N. Broad St.,
PHILADELPHIA
Orders for Philadelphia and surrounding country carefully filled on short notice.

MYER L. D. Phone 5297 Plaza
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WELLESLEY COLLEGE
Dana Hall, Walnut Hill, Rockridge Hall Schools
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Long Distance Tel., Wellesley 44-1, 44-2, 44-3.

TEXAS Dallas Floral Co.
DALLAS, TEX.
H. F. GREVE, Prop.

Rosemont Gardens
W. B. Paterson, Prop., 116 Dexter Ave., **MONTGOMERY, ALA.**

HESS & SWOBODA, FLORISTS
Telephones 1501 and L 1582
1415 Farnam Street OMAHA, NEB.

U. J. VIRGIN
838 Canal St. NEW ORLEANS, LA.

Lang Floral & Nursery Co., DALLAS, TEXAS.
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

Prompt and personal attention given all orders.
MRS. J. T. HINCHLIFFE
FLORIST
504-506 Wisconsin St., RACINE, WIS.

GEO. C. BAKER, Florist
206 E. Park Ave., San Antonio, Texas

VERMONT'S FLORIST
W. E. PETERS
187 St. Paul Street, BURLINGTON, VT.

Baltimore, Md.
ALBERT G. FIEDLER & CO., 902 South Charles St.

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Bell Main 2809
Cuy. Central 1866

The Smith & Fetters Co.
LEADING FLORISTS
735 Euclid Ave., **Cleveland**

WILSON DELIVERS EVERYWHERE
New York New Jersey Long Island
BROOKLYN
3 AND 5 GREENE AVENUE
Tel. No. 6800 Prospect

The Livingston Seed Co.
FLORISTS
COVER ALL OHIO POINTS
114 N. High Street, COLUMBUS, OHIO

PORTLAND, ORE.
Clarke Bros. FLORISTS
OAKLAND, CAL.

Lexington, Ky.
KELLER, Florist
High Grade Cut Flowers and Designing : : : :
All orders entrusted to us for Central Kentucky will have careful attention.

LA CROSSE FLORAL CO. **La Crosse, Wis.**
will properly execute orders in Wisconsin or the northwest.

LINCOLN, NEB. CHAPIN BROS. Retail Florists
Flowers for All Occasions, from Cradle to Grave

E. O. LOVELL GRAND FORKS
Will give prompt attention to all orders for delivery in **North Dakota**

A. C. BROWN, SPRINGFIELD, ILLINOIS
LARGE GREENHOUSES

Boehringer Bros.
325 Park Avenue, **BAY CITY, MICH.**

Mrs. M. E. Hollcraft
807 Kansas Ave., TOPEKA, KAN.

MICHIGAN Orders will be carefully cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS

Minneapolis Floral Co., WHOLESALE and RETAIL FLORISTS
MINNEAPOLIS, MINN.
Funeral designs on short notice. One of the largest establishments west of Chicago.

Send Orders for Washington, D.C. and vicinity to

Blackistone

Everything First-Class
14th and H Streets

Minneapolis, Minn. LEADING FLORISTS
SWANSON'S, 618 Nicollet Ave.

Colorado Springs, Colo.
Orders Carefully Executed
PIKES PEAK FLORAL CO.
Wholesale and Retail

DALLAS, TEXAS
The Texas Seed & Floral Company
Orders for cut flowers and designs solicited for delivery in any part of Texas.

Pittsburg, Kan.—Bartlesville, Ok.
THE STEINHAUSER FLORIST & NURSERY CO.
(Inc.)
Growers and Shippers—Wholesale and Retail
Out-of-town orders given special and personal attention. Give us a trial.

South and Southwest Texas and sailing from Galveston
H. H. KUHLMANN, Florist
2507 Jackson St., S. W. Phone, Hadley 1926-2330
2526 Washington St., Opp. Glenwood Cemetery, S. W. Phone, Taylor 628-1081.
Uptown, 913 Main St., S. W. Phone, Preston 7741
HOUSTON, TEXAS

TRILLOW FLORIST Des Moines, Iowa
Will promptly execute all orders in this vicinity.

Aurora, Ill. **Jos. M. Smely**
and vicinity Phones 147

Richmond, Ind.
FRED H. LEMON & CO.
Florists and Decorators. Send us your orders.

W. P. McFARLAND L. C. McFARLAND
McFARLANDS, Florists
AKRON, OHIO

Evanston and Chicago
JOHN WEILAND, EVANSTON, ILL.

Deliveries to Northwestern University and all North Shore Towns.
FISCHER BROS. 614 Dempster St., EVANSTON, ILL. L. D. Phone 2642

MONTREAL We can fill all orders
HALL & ROBINSON, 825 St. Catherine Street, West

Wholesale and Retail orders for Cut Flowers, Funeral Designs, etc., receive prompt attention.
CLEVELAND, OHIO
G. M. NAUMANN & SON

---

also lilac plants and cut speciosum lilies in quantity.

Herman Waldecker, of Braintree, is sending excellent pink annual lupines to the Flower Growers' Sales Co., also pink and lavender sweet peas.

The Gardeners' and Florists' Club will have a rousing meeting March 19, when George W. Kerr, of Doylestown, Pa., speaks on sweet peas and their culture. Extraordinary interest is this season being manifested here in sweet peas, due in large measure to the big sweet pea show in July.

Alexander Porter, of Woburn, has splendid sweet peas in variety, and Princess of Wales violets, at the Boston Co-operative Market.

Paine Bros., of Randolph, are now heavy bulb shippers to the Boston Flower Exchange. Their specialties are La Reine tulip, Golden Spur, Victoria and Princeps narcissi.

Prof. E. A. White, professor of floriculture at the Amherst Agricultural College, accompanied by sixteen students, spent February 22, 23 and 24 visiting leading Boston stores and greenhouse establishments in Framingham, Ellis, Cliftondale, Natick, North Easton and Nahant.

Arthur Capers, of Wellesley, is an excellent carnation grower, whose stock of Pink Delight, Beacon, Fair Maid and White Enchantress is in brisk demand at the Boston Co-operative Market.

Fine, the Dartmouth street florist, reports excellent business, both in plants and cut flowers, during all the present winter. He always has an attractive window.

Malcolm Orr, of Saugus, is this season particularly strong on sweet peas and Campbell violets. The latter he grows remarkably well.

W. N. Craig lectured at Horticultural hall February 24 on "A Year's Vegetable Supply for the Home Garden." There was the largest audience of the season. Martin Sullivan, gardener for W. Whitman, had ten splendid specimen plants of Cineraria stellata on exhibition; awarded a gratuity.

The B. F. Washington Estate, of North Stoughton, is shipping a fine lot of callas, calendulas, snapdragons and bulbous stock to the Boston Co-operative Market.

Charles Rapp, of Melrose Highlands, in addition to his usual line of carnations, is cutting some excellent Cattleya Trianæ.

Israel Quint, of Roxbury, is sending fine hyacinths, tulips and narcissi to the Boston Co-operative Market.

A. Leuthy, of Roslindale, states that

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The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Alexander McConnell

611 Fifth Avenue, Windsor Arcade — **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all the principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Calls: 340 and 341 38th Street **Cable Address: ALEXCONNELL** **Western Union Code**

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, **Pittsburgh, Pa.**

Largest Floral Establishment in America

Established 1874—Incorporated 1909

We can fill your orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

Winona and Rochester, Minn.

For prompt and particular attention send your orders for Southwestern Wisconsin and Southern Minnesota to

John Fuhlbruegge

Grower and Retailer

Canada's Florist

Dunlop's

96 Yonge St., TORONTO

PASADENA, CAL.

The Orchid — 13 East Colorado St. Also all Los Angeles orders promptly filled

MRS. LORD'S FLOWER ROOM

112 W. 8th Ave., TOPEKA, KAN.

STATE NURSERY CO.

CUT FLOWERS

155,000 sq. ft. of glass at your service. HELENA, MONTANA

Freeport Floral Co.

Telegraphic orders promptly attended to. FREEPORT, ILL.

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order.

11 North Pearl St., - ALBANY, N. Y.

Max Schling

NEW YORK

No. 22 West 59th Street

Adjoining Plaza Hotel

CLEVELAND

...THE...

J. M. GASSER COMPANY

EUCLID AVENUE

We ship all points in Ohio. The best of everything in flowers.

W. S. Lee Florist

Hippodrome Building, 44th STREET & SIXTH AVE.

TELEPHONE 714 BRYANT NEW YORK

STEAMER ORDERS A SPECIALTY.

HUGO H. JAHN

710 Nostrand Avenue,

Tel. No. 1952 Bedford BROOKLYN, N. Y.

Will deliver to Steamships, Theaters, anywhere within 20 miles of New York.

ARTISTIC WORK. PERSONAL ATTENTION.

Special care of your telegraph orders.

MILLS THE FLORIST, Inc.

16 W. Forsyth Street

Jacksonville, Fla.

We reach all Florida and South Georgia points.

North Dakota — South Dakota

IOWA — MINN.

All Orders Promptly and Properly Executed.



40,000 feet of Commercial Cut Flowers

The Newburys, Mitchell, S. D.

Orders by wire receive prompt and careful execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

ST. LOUIS, MO.

Flowers Delivered in City or State on Short Notice

F. H. WEBER

BOYLE AND MARYLAND AVENUES

Both Long Distance Phones

M. A. Bowe

IN HEART OF NEW YORK CITY

12 W. 33d Street, N. Y.

Opposite the Waldorf-Astoria. Phone Mad. Sq. 6404.

Our Motto—**The Golden Rule.**

George G. McClunie, Florist

187 Main St., HARTFORD, CONN.

Orders solicited for Connecticut and nearby points.

Tel. Charter 5591-2. Floral Designs a Specialty.

Louisville, Ky.

F. WALKER & CO., 634 Fourth Ave.

---

his plants for Easter trade never looked better. He has a new azalea of Haeren's introduction, which in color and as a keeper will, he states, beat anything now in commerce.

J. M. Cohen, at the Boston Co-operative Market, is getting some superb wallflowers from W. S. Phelps, of Marlboro, grand pink snapdragons from W. T. Walke, of Salem, and top grade yellow marguerites from J. W. Simpson, of Woburn, and D. J. Horrigan, of Foxboro.

J. Streiferd & Son, of Weymouth, are sending in an excellent assortment of roses and carnations, as well as callas.

Great sympathy is felt for Charles F. Boyle, of Galvin's, who lost his wife and twin infants February 18. Mr. Boyle had only been married a little over a year.

Adolph E. E. Koch, of Nobscot, states that the demand for rooted cuttings of pink snapdragons is so strong that he has had to refuse many orders.

The Gardeners' and Florists' Club will hold a field day with W. W. Edgar Co., at Waverly, March 23.

M. A. Hudson, of Natick, has excellent yellow marguerites and calendulas at the Boston Co-operative Market.

N. H. Silverman, in line with other retail florists, is featuring old-fashioned bouquets with holders. There seems to be a growing call for this class of bouquets.

R. & J. Farquhar & Co. are busy preparing for their extensive garden display at Horticultural hall, which will

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Established 1857.

Wittbold FLORIST

737-739 Buckingham Place

L. D. Phone 1112 Graceland — CHICAGO

Send us your retail orders. We have the best facilities in the city.

Write, Wire or Phone

JOHN WALKER

11 S. PHELPS STREET

Youngstown, O.

Careful attention given to out-of-town orders
Trade discount allowed.

DENVER, COLO.

FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice.

Daniels & Fisher.

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver."

YOUNG & NUGENT

NEW YORK: 42 W. 28th St.

In the theater district. Exceptional facilities for delivering flowers on outgoing steamers. Your orders will receive prompt and careful attention Wire, telephone or write us.

"WE NEVER SLEEP"

IDLEWILD GREENHOUSES, Memphis, Tenn.

89 South Main Street

"Up-to-the-minute" Service and Execution.
Every Flower in Season.

WILSON BROOKLYN

New York

Telephone, 6800 Prospect

BALTIMORE, MD. And All Southern Points.

PIERCE & CO. 509 N. Charles Street BALTIMORE, MD.

MOBILE, ALABAMA

The Minge Floral Co.

C. L. VAN METER, Florist — MONTICELLO, IA.

Orders solicited to be delivered anywhere.
Specialist in Cut Flowers and Designs

PEKIN ═══ PEORIA

All orders receive personal attention.

GEO. A. KUHL, Pekin, Ill.

"WE STRIVE TO PLEASE"

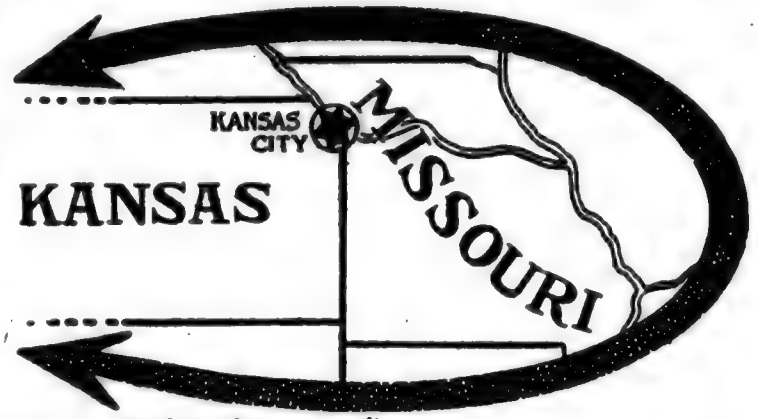
ALPHA FLORAL Co.

1105 WALNUT-PHONES 1806

Kansas City, Missouri

The largest Florists in the Central West

A. ELBERFIELD, Proprietor



Mention The Review when you write.

Cable and Telegraph, Franzen. Phone Rav. 2876

CHICAGO FRANZEN

1476-78 SUMMERDALE AVE.

Archias Floral Co. SEDALIA, MISSOURI

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

SIOUX CITY, IOWA Supplies western Iowa southern Minnesota, al of South Dakota, northeastern Nebraska.

J. C. RENNISON CO.

Abundantly prepared at all times.

Edwards Floral Hall Company

1716 Pacific Ave.

ATLANTIC CITY, NEW JERSEY

Nurseries: Mediterranean and South Carolina Avenues.

E. R. FRY, Florist

Rochester, N. Y.

I have constantly on hand a seasonable variety of fresh cut flowers, which I will deliver promptly in Rochester and adjoining towns.

Send Your **PHILADELPHIA** Orders to....

CHARLES HENRY FOX

BROAD AND WALNUT STREETS

Always on Time.

GEO. M. KELLOGG FLOWER & PLANT CO.

Wholesale and Retail Florists

1122 Grand Avenue, KANSAS CITY, MO.

All Kinds of CUT FLOWERS

in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

H. F. A. LANGE

Worcester, Mass.

Delivers to all points in New England.
125,000 square feet of glass.

Send orders for delivery in **ROCHESTER, N.Y.**

and all points in Western New York to

H. E. WILSON, 88 East Main Street

Battle Creek, Mich. S. W. COGSAN, Leading Florist

11 West Main St. All cut flowers in season. Funeral designs or potted plants. Careful attention and prompt delivery guaranteed to any part of Michigan.

John Bauscher, Jr., FREEPORT, ILL.

100,000 SQUARE FEET OF GLASS.
At Your Service.

fill all the main hall. This will be much more elaborate than any of their former displays.

The seed stores all report that counter trade has been quite brisk since the arrival of warmer weather.

Wallace R. Pierson, of Cromwell, Conn., has been spending a few days in Boston since the club meeting, where he spoke entertainingly on his firm's new roses. W. N. Craig.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Caledonia	New York	Glasgow	Mar. 2
Merion	Philadelphia	Liverpool	Mar. 2
Orotava	New York	Cuba	Mar. 2
Berlin	New York	Genoa	Mar. 2
Carmania	New York	Egypt	Mar. 2
Siberia	San Fr'sco	Hongkong	Mar. 5
Campania	New York	Liverpool	Mar. 6
Emp. of India	Vancouver	China	Mar. 6
Cedric	New York	Egypt	Mar. 6
Friedrich Wm.	New York	Bremen	Mar. 7
La Savoie	New York	Havre	Mar. 7
E. of Britain	St. John	Liverpool	Mar. 8
Cameronia	New York	Glasgow	Mar. 9
Ascania	Portland	London	Mar. 9
Kronprinz Wm.	New York	Bremen	Mar. 12
Franconia	Boston	Liverpool	Mar. 12
China	San Fr'sco	Hongkong	Mar. 12
Awa Maru	Seattle	Hongkong	Mar. 12
Mauretania	New York	Liverpool	Mar. 13
Baltic	New York	Liverpool	Mar. 14
L. Champlain	St. John	Liverpool	Mar. 14
Columbia	New York	Glasgow	Mar. 16
Magdalena	New York	Cuba	Mar. 16
P. Irene	New York	Genoa	Mar. 13
Canopic	New York	Egypt	Mar. 16
Megantic	Boston	Liverpool	Mar. 19
Manchuria	San Fr'sco	Hongkong	Mar. 19
Lusitania	New York	Liverpool	Mar. 20
Makura	Vancouver	Hawaii	Mar. 20
California	New York	Glasgow	Mar. 23
Haverford	Philadelphia	Liverpool	Mar. 23
Ausonia	Portland	London	Mar. 23
Laconia	Boston	Liverpool	Mar. 26
Sado Maru	Seattle	Hongkong	Mar. 26
Campania	New York	Liverpool	Mar. 27
Chiyo Maru	San Fr'sco	Hongkong	Mar. 27
Celtic	New York	Liverpool	Mar. 28

LEADING-RETAIL FLORISTS

The retail florists whose cards appear on the pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

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Schultheis, Florist
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Hollywood Gardens
SEDALIA, MO.
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YOUNGSTOWN, O.
Walker, John
ZANESVILLE, OHIO.
Imlay, John D.

CHICAGO ORDERS SENT TO Samuelson ARE CAREFULLY EXECUTED
2132-2134 MICHIGAN AVENUE

S. J. REUTER & SON, Inc.
NEW LONDON, CONN.
The only flower store in the city. Orders for any part of Connecticut or Rhode Island will receive prompt and careful attention.

FRIEDMAN
FLOWERS
CHICAGO, ILL.
522 S. Michigan Ave., Congress Hotel
COURTESIES EXTENDED TO ALL FLORISTS

C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice
Trade discounts. First-class stock.

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A. LANGE, 25 E. Madison Street

ST. PAUL, MINN.
Order your flowers for delivery in this section from the leading Florists of the Northwest.
L. L. MAY & CO.
ST. PAUL, MINN.

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59 Broadway
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MICHIGAN

Hatcher
Leading Florist
AMSTERDAM, N. Y.
SCHENECTADY, N. Y.
Estab. 1877

We Handle Everything in Season
H. A. FISHER CO.
Wholesale and Retail Florists
KALAMAZOO and BATTLE CREEK, MICH.

The Rosery
..FLORISTS..
289 DONALD ST.
Winnipeg, Manitoba, Canada
ORDERS TAKEN FOR DELIVERY ANYWHERE BETWEEN PORT ARTHUR AND THE COAST.

David Clarke's Sons
2139-2141 Broadway
Tel. 1552, 1553 Columbus
NEW YORK CITY
Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

C. C. POLLWORTH CO.
Wholesale Florists
MILWAUKEE, WIS.
Will Take Proper Care of Your Orders in WISCONSIN

Send flower orders for delivery in
BOSTON AND ALL NEW ENGLAND POINTS
To THOS. F. GALVIN, Inc.
124 TREMONT ST. BOSTON

Hoffman FLORIST
59-61 Massachusetts Ave. or Commonwealth Ave.
BOSTON.

1874 **JNO. V. PHILLIPS** 1912
WILLIAM A. PHILLIPS, Manager
272 Fulton St. Tel. 319 Main. Brooklyn, N.Y.

FOTTLER-FISKE-RAWSON CO.
STOCKS
Boston Flower Market has had wonderful success in separate colors.
1/8 oz., 60c; 1/4 oz., $1.00; oz., $4.00
White, 1/8 oz., 75c; oz., $5.00.
BOSTON
FANEUIL HALL SQUARE

Mention The Review when you write

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Leonard H. Vaughan, Chicago; First Vice-Pres., M. H. Duryea, New York City; Sec'y and Treas., C. E. Kendel, Cleveland, O.
Thirtieth annual convention, Chicago, June 25 to 27, 1912.

VISITED CHICAGO: Charles Loechner, New York; Chas. P. Guelf, of Jerome B. Rice Seed Co.

J. C. VAUGHAN, Chicago, has returned from a trip to Florida and Cuba.

THIS week's obituary column contains a report of the death of Victor Schrage, a prominent seedsman of Cincinnati, O.

THERE is a good demand for seeds of the pickling varieties of cucumber, and it is expected to increase as the season progresses, for the pickle market is pretty bare because of the short pack last season.

THE L. L. Olds Seed Co., Madison, Wis., has considerably increased its advertising compared to last year's appropriation. The advertising is placed by the J. Walter Thompson Co., Frank B. White acting as counselor.

BEAULIEU, the seedsman at Woodhaven, L. I., has retained Coudert Bros., 2 Rector street, New York, to prosecute certain claims against the American Express Co. for overcharges, excess duty paid and delay in delivering a shipment of thirty-two bags of French seeds.

THE McVay Seed Co. has been incorporated at Birmingham, Ala., with an authorized capital stock of $10,000, and will start business with $5,000 of the stock paid in. The officers are: President, J. B. Dolsen; vice-president, John L. Parker; secretary and treasurer, Mrs. C. E. McVay.

FROM all the talk about peas in Idaho and Montana it would appear that the acreage growing out there would be enough to supply an average season's needs. But the trade is not apt to wholly desert the old pea section all at once. Wonder where all the stock seed is coming from, anyhow?

THE blizzard that was general February 21 from the Missouri river to the Atlantic, extending far south and in some districts being the most severe in twenty years, stemmed the rapidly rising tide of mail orders, but it was too late in the season for the snow to last long and business soon was gathering volume again.

EASTER
For "the best forcing Valley in America," you should order
Bruns' Celebrated Chicago Market Brand
LILY OF THE VALLEY PIPS
$2.00 PER 100, $17.00 PER 1000
Another excellent early forcing Valley is **Florists' Money-maker**; also a Bruns specialty.
$1.75 per 100; $15.00 per 1000.
H. N. BRUNS, 3038-40-42 W. Madison Street, CHICAGO

Mention The Review when you write.

GLADIOLI
Send for wholesale list of more than forty varieties, including America, Augusta, Klondyke, Independence, May, Taconic, President Taft, Golden Queen, Baron Hulot, Princeps, etc., besides mixtures and color sections.
E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

SOME SPECIAL GLADIOLI

	Per 100		Per 100
Princeps	$12.00	**Alaska**, new white	$60.00
Panama	30.00	**Baron Hulot**	10.00
Niagara	18.00		

8% discount for cash with order.
JOHN LEWIS CHILDS, Flowerfield, L. I., N. Y.

Mention The Review when you write.

ASTER BOOK
FOR FLORISTS
Now ready.
Ask for copy.
James Vick's Sons
ROCHESTER, N. Y.

Mention The Review when you write.

Berlin Valley Pips
Surplus lots. All high-grade, Berlin type, A. B. S. Pips. Recent arrivals. Case lots only. Ask for list of lots and f. o. b. New York prices.
McHUTCHISON & CO.
THE IMPORT HOUSE
17 Murray St., NEW YORK

Mention The Review when you write.

HELLER'S MICE PROOF SEED CASES.
Send for Catalogue.
HELLER & CO.
Montpelier, Ohio

Mention The Review when you write.

Metal Clasp Mailing Envelopes
LOUIS JEFFREY
18th & Brunswick Ave., Philadelphia, Pa.

Mention The Review when you write.

CHARLES N. PAGE, president and manager of the Iowa Seed Co., of Des Moines, spent the month of January on the Pacific coast having a well-earned rest. The Iowa Seed Co. is over forty years old. The greater portion of this time Mr. Page has been actively at the helm. The advertising appropriation for this season is divided, the eastern publications receiving orders through N. W.

H. FRANK DARROW

P. O. Box 1250

26 Barclay St., NEW YORK

Cold Storage VALLEY for Easter Forcing

Importer of

Azaleas, Palms, Bay Trees

and all other Belgian Plants, Lily of the Valley of the finest Berlin and Hamburg brands.

Japanese, Holland and French Bulbs

FRENCH and ENGLISH

FRUIT and ORNAMENTAL STOCKS

Mention The Review when you write

German Stock Seeds

A GRAND SPECIALTY

Price list on application

PAUL TEICHER, Striegau, Germany

Oldest Special House

Mention The Review when you write.

WE IMPORT

to order for the Trade only, PLANTS and BULBS from Europe and Japan. Spring or Fall Delivery. Address with business card.

AUGUST ROLKER & SONS

P. O. Box 752, or 31 Barclay Street, NEW YORK

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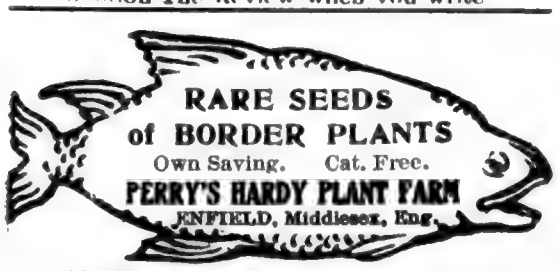
DANISH SEEDS

If you take interest in Cabbage, Cauliflower, Carrot, Mangel, Swede and Turnip, of selected strains (state controlled), please apply to

CHR. OLSEN, Odense, Denmark

Wholesale Seed Grower (Established 1862), in order to have your name placed on my mailing list.

Mention The Review when you write



Mention The Review when you write.

Ayer & Son, Philadelphia, and the western papers through the Lessing Advertising Agency, Des Moines. Frank B. White is counselor in the matter of Mr. Page's publicity.

FERRY AT TWIN FALLS.

The following is from the Times, of Twin Falls, Idaho, for February 16:

"A proposition of interest to every resident of the Twin Falls tract, and farmers especially, was presented to the Twin Falls Commercial Club this week by R. M. Moore, representing the D. M. Ferry & Co. seed house of Detroit, Mich. Mr. Moore's proposition in brief is to make contracts with the farmers to raise garden peas, the entire crop to be purchased by D. M. Ferry & Co. at 3 cents a pound, and will wait for its pay for the stock seed until the crop is sold in the fall. The farmer will be at no cash outlay whatever, his only expense being the work of planting and harvesting the crop. It isn't even necessary to cultivate them.

"The average crop of garden peas, according to Mr. Moore, is from twenty-five to fifty bushels, and the high record in Montana last year was fifty-eight bushels three pecks. The average crop on the Twin Falls tract should be fifty to sixty bushels, as all farm

Cable Address, NOVA BOSKOOP. A B C Code, 5th Ed.

Boskoop, Holland, Jan. 26th, 1912.

Gentlemen:—Herewith beg to state that I have dissolved my partnership with **MESSRS. W. VAN KLEEF & SONS, The Nurseries, Boskoop, Holland,** and that I will continue the business relations for my own account from Jan. 27, 1912, under the name of

Verkade Van Kleef

W. VAN KLEEF, Jr., Prop. **Nova Nurseries, BOSKOOP, HOLLAND**

Hoping to be honored with your esteemed orders, which will have my personal best care and attention. Yours very truly, **W. VAN KLEEF, Jr.**

Nurseries: Boskoop, Waddinxveen, Holland.

Specialties: Azalea, Buxus, Clematis, Conifers, Magnolias, Japanese Maples, Rhododendrons, select hardy varieties; Roses, new and old varieties, etc.

Mention The Review when you write.

—TO THE TRADE—

HENRY METTE, Quedlinburg, Germany

(ESTABLISHED IN 1787)

Grower and Exporter on the very largest scale of all

CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼ oz.; 75c per 1/16 oz. Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own vast grounds,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

—PERFECT PLANT FOODS—

THOMSON'S Vine Plant and Vegetable MANURE

Unrivaled for vines, tomatoes, cucumbers, all flowering, foliage and fruit bearing plants; vegetables, lawns, etc. Has stood the test of 30 years. The result of many years of practical experience.

Sold by Leading American Seedsmen.

Also Thomson's Special Chrysanthemum and Topdressing Manure. An Excellent Stimulant.

Freight paid on quantities; liberal terms to retailers. Write for our special offer to the American trade, agents' circulars, pamphlets, etc., to sole makers.

Also Exporters of **Pure Scotch Soot** Write for prices, etc.

Wm. Thomson & Sons, Ltd., Tweed Vineyards, Clovenfords, Scotland

Export House for Field-grown, Own-raised German Roses

NEW ROSES FOR 1912

LUISE LILIA (H. T.) Darkest blood red and sweetest rose in existence. Two-year, open-ground plants. **Each, $3.00; 10 plants, $20.00.**

SCHNEEZWERG (Rugosa hybrid.) Snow white, semi-double, middle with yellow stamens, remontant, hedge and rockery rose. **Each, $2.00.**

GOETHE (climbing moss-polyantha.) Hardy, crimson red, branches and flower buds very finely mossed. **Each, $1.50.**

And All Leading Cutting, Forcing and Bedding Roses.

PETER LAMBERT, TRIER, GERMANY

Raiser of the famous Frau Karl Druschki and Kaiserin

VAN GRIEKEN'S BULBS, SOUND AND WELL SELECTED

High-grade Hyacinths, Tulips, Narcissus, Crocus, etc. Write for Catalogue.

LEO VAN GRIEKEN, Lisse, Holland

Ask for "Real Price" Catalogue and Contract Offers.

ALL VARIETIES OF... **"QUALITY" SEEDS**

KELWAY, LANGPORT, ENG.

Mention The Review when you write.

FOR

SEEDS

of all kinds apply to

W. W. JOHNSON & SON, Ltd.

BOSTON, ENGLAND

ONION SETS

Fancy, Recleaned Hand Picked

	Per bu.
Prime recleaned yellow sets	$1.50
Choice recleaned yellow sets	1.75
Fancy, sieved through ¾-in. mesh	2.00
Prime recleaned, silver skin	1.50
Choice recleaned, silver skin	1.75
Fancy, sieved through ¾-in. mesh	2.00

We reclean and hand pick all sets before shipping. A trial order will convince you of the superior quality of our sets.

J. BOLGIANO & SON

Almost 100 Years' Established Trade

Wholesale Seedsmen

BALTIMORE, MARYLAND

Mention The Review when you write

Pfeters-Wheeler Seed Company

Hollister, - - California

Growers of High Grade Seeds

Onion, Radish, Lettuce, Sweet Peas, etc. : : :

Correspondence Solicited.

Mention The Review when you write.

Cow Peas, Soy Beans

We sell to jobbers who buy continuously. If you handle **Field Peas** or **Soy Beans**, write us, so we can put your name on our mailing list. Our section will supply the bulk of the peas this year, as Georgia and the Carolinas will probably be buyers before the season is over.

RONEY & CO., Dealers, MEMPHIS, TENN.

Mention The Review when you write.

TOMATO SEED

BEST STOCKS. ALL VARIETIES.

The Haven Seed Co.

Growers for wholesale trade only. Santa Ana, Cal.

IF IT IS

WATERMELON AND MUSKMELON SEEDS

GET THEM FROM

J. FRANK CORRY, CONTRACT GROWER

Complete delivery by Oct. 15, 1912.

ENID, - OKLAHOMA

products have invariably produced larger yields here than elsewhere. It is possible that some of the potato experts may make a pea record of 100 bushels to the acre.

"There are sixty pounds of peas in a bushel and at 3 cents a pound, forty bushels—this is probably a low average for the Twin Falls tract—will bring $72. Deducting $5.40 for seed, the net returns to the farmer will be $66.60.

"Peas are an easy crop to raise and are beneficial to the soil. An additional

LAWN GRASS IN BULK AND PACKAGES **SEEDS** BLUE GRASS RED TOP WHITE CLOVER ETC., ETC.

For Lawns, Parks and Cemeteries

Minneapolis **THE ALBERT DICKINSON CO.** Chicago

BEANS, PEAS, RADISH and all Garden Seeds

LEONARD SEED CO.

226-230 W. KINZIE STREET, CHICAGO

ONION SETS GROWERS FOR THE TRADE Write for Prices

YOU will be satisfied with the products of Burpee's "Seeds that Grow"

Better write to Burpee, Philadelphia,—for new Complete Catalogue.

The Everett B. Clark Seed Co., MILFORD, CONN.

Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.

BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC.

LAWN GRASS SEED

WHOLESALE ONLY

J. OLIVER JOHNSON

1876 Milwaukee Avenue, CHICAGO

Henry Fish Seed Co.

BEAN GROWERS

For the Wholesale Seed Trade

CARPINTERIA, -:- CAL.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety. Correspondence solicited.

ONION SEED — ONION SETS

We are extensive growers and dealers. Write for prices on the 1911 crop. We are also submitting contract figures for the 1912 crop of Onion Seed.

SCHILDER BROS., CHILLICOTHE OHIO

S. D. Woodruff & Sons

SPECIALTIES:

Garden Seeds in Variety

Maine seed potatoes, onion sets, etc.

CORRESPONDENCE SOLICITED.

Main Office and Seed Farms, ORANGE, CONN.

New York City Store, 82-84 Dey Street

The C. Herbert Coy Seed Co.

VALLEY, Douglas County, NEB.

Wholesale Growers of High Grade Seeds.

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

—THE—

J. C. Robinson Seed Co.

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar, Flint and Field Seed Corns.

Braslan Seed Growers' Co.

Lettuce, Onion, Sweet Peas

Growers for the Wholesale Trade only

San Jose, California

Sioux City Seed & Nursery Co.

Sioux City, Iowa

Contracting growers of **Peas, Beans** and famous **Sweet Corn.** Introducers of the **White Mexican Sweet Corn.**

S. M. ISBELL & CO.

JACKSON, MICH.

Contract Seed Growers

Bean, Cucumber, Tomato, Radish, Pea, Squash, Muskmelon, Watermelon, Sweet Corn.

Correspondence Solicited.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence solicited.

George R. Pedrick & Son

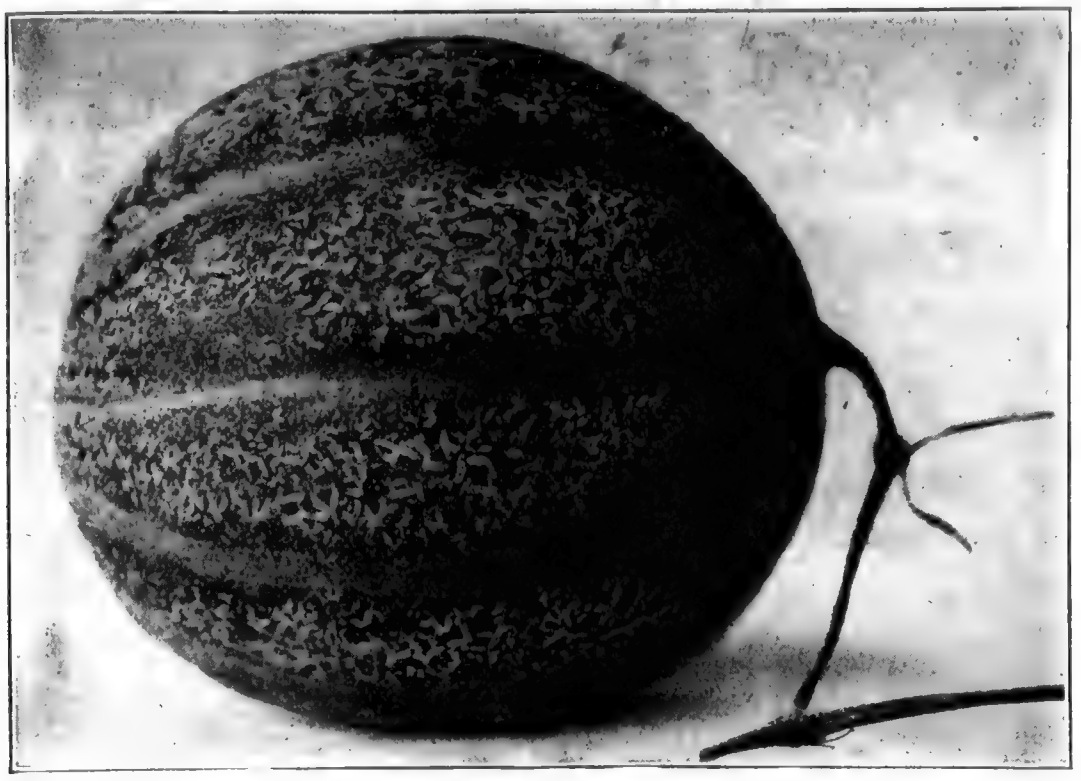
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The Ebbert Seed Company

ROCKY FORD, COLO.

Contract growers for the Trade. High-grade Vine Seeds. Specialties: Rocky Ford Cantaloupe, Muskmelon and Cucumber Seed.

Place Your Orders Early



PAUL ROSE MUSKMELON
grown under irrigation by

WESTERN SEED & IRRIGATION CO.

Seed Growers and Dealers. Specialties: Cucumber, Musk and Watermelon, Pumpkin, Squash, Sweet and Field Corn.

FREMONT, ∴ ∴ ∴ ∴ ∴ NEBRASKA

HERE SINCE 1879

Arkansas Valley Seed Company

D. H. BROWNE LAKIN, KANSAS C. H. BROWNE

Contract Growers of Muskmelon, Watermelon and Cucumber

We desire to announce to the trade that Mr. Wm. Logan is no longer connected with this company in any way. And that we are now booking contract orders for Muskmelon, Watermelon and Cucumber Seed.

Write today for contract price list, also our surplus list of Vine Seeds.

Mention The Review when you write.

MORSE SEEDS

Wholesale Growers of

Onion, Lettuce, Sweet Peas

and other California Specialties

C. C. MORSE & CO.

48 Jackson St. SAN FRANCISCO, CAL.

Mention The Review when you write.

CONTRACT SEED GROWER

SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn

EDGAR F. HURFF, MULLICA HILL, NEW JERSEY

Correspondence Solicited.

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Routzahn Seed Co.

ARROYO GRANDE, CAL.

SWEET PEA and NASTURTIUM SPECIALISTS

Wholesale growers of full lists of FLOWER and GARDEN SEEDS.

Mention The Review when you write.

Peas and Beans

...Growers For The...

Wholesale Seed Trade

Alfred J. Brown Seed Co.

Grand Rapids, Michigan

Mention The Review when you write.

THE KIMBERLIN SEED CO.

Wholesale Seed Growers **SANTA CLARA, CAL.**

Growers of

ONION, LETTUCE, RADISH, etc.

Correspondence Solicited.

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THE HAS. H. TILLY CO.

SEATTLE, WASH.

Growers of

PUGET SOUND CABBAGE SEED

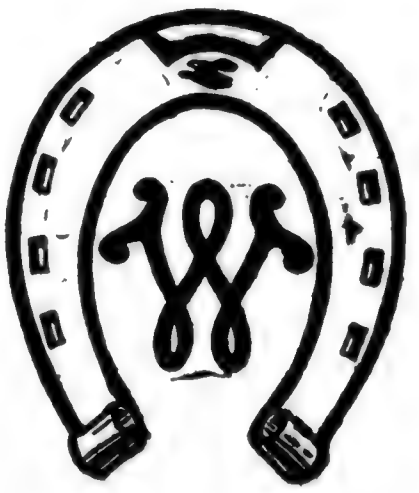
When buying lily bulbs, keep your eye on the finish. Look beyond the price and consider the quality. If you do this, Horseshoe Brand Lily Bulbs must be used in your greenhouses, because there is no other brand that will produce anywhere near the high general average that this brand is known to give.

Send for the book of Bulbology.

RALPH M. WARD & CO.

71 MURRAY STREET

NEW YORK



"NOT HOW CHEAP— BUT HOW GOOD"

profit may be had by turning the hogs into the field after harvest, as the waste peas and vines are excellent feed.

"Peas were grown extensively last year at Livingston and Bozeman, Mont., and at St. Anthony, Idaho, and the farmers are so well pleased that they are putting out a much larger acreage this year.

"Mr. Moore is now visiting the farmers on the tract with the intention of signing up for 500 acres."

THE AMZI GODDEN INTERESTS.

For some time the Amzi Godden Seed Co., Birmingham, Ala., has been considering the question of discontinuing its retail department and devoting all of its capital and energy to its large and rapidly growing wholesale and mail order business. It has had several attractive offers and has finally traded with the McVay Seed Co., which will take over this department and cater to the retail trade of Birmingham and vicinity.

For several years the wholesale trade of the Amzi Godden Seed Co. has been one of the largest in the south, but it is now the expectation of the officers of the company to make it one of the largest in the entire country. They feel that with ample capital, experience and concentrated energy, they can reach every state in the south and make Birmingham the home of the south's largest wholesale seed business.

PEAS IN WASHINGTON STATE.

I have noted the frequent references in The Review to the growing of garden peas for seeds in Idaho. We grow many tons of peas for seeds in this county, Whatcom, State of Washington. We are far up on Puget Sound, close to the Canadian line, but it is a natural climate for the best of peas and a large yield is quite common. We reckon our crops by the ton. In well prepared land we get two tons to the acre, equal to sixty-six and two-thirds bushels per acre, and they sold last fall at $62 per ton. Counting $20 per acre as the cost of seed and labor, we can pay 10 per cent on land valued at $400 per acre. Our peas are nearly all contracted to C. C. Morse & Co., of San Francisco. This class of peas has only been grown here the last two years.

This west Washington climate is specially fine for peas. Our extremely heavy summer dews are the cause of it; all plant life is fed to the complete saturation point every night. In twenty-four years of residence here I never have known of a crop failure. Sometimes we are damaged by too much rain, but never by the lack of it. In 1910 we had sixty-three inches of rain; in the dry year of 1911, forty-three inches.

George Gibbs.

CATALOGUES RECEIVED.

The D. Hill Nursery Co., Dundee, Ill., wholesale and general lists; John D. Imlay, Zanesville., O., seeds, bulbs and plants; A. E. McKenzie Co., Brandon, Manitoba, Can., seeds, implements and supplies; Peter Henderson & Co., New York, N. Y., list of farm seeds; the Northboro Dahlia and Gladiolus Gardens, Northboro, Mass., general and wholesale lists; Winterson's Seed Store, Chicago, Ill., "Winterson's Garden Guide"; Edward V. Low, Haywards Heath, Sussex, England, orchids.

SURE-BLOOMING DOUBLE PEARL **TUBEROSES**

The brightest and most select stock offered to the trade

4-6 inches, large bulbs, per 100, $1.00; per 1000, $8.50

High-grade stocks of **Peonies, Gladioli, Dahlias, Cycas Stems, Fern Balls, Begonias, Gloxinias, Caladiums, Madeira and Cinnamon Vine Roots.** Write for descriptive list and prices. See our Flower Seed Offer in Feb. 8th issue.

JOHNSON SEED CO., 217 Market St., Philadelphia, Pa.

Mention The Review when you write.

Established in 1802

Thorburn's Seeds

Our New Wholesale Catalogue for Market Gardeners and Florists for 1912 will be ready early in January. Register your name for a copy **NOW.**

Lily of the Valley Pips

A few still left, very high grade. Prices on application.

J. M. Thorburn & Co. 33 Barclay St. NEW YORK

Mention The Review when you write.

Order Quick

Stock will not last long at these prices. No better seed can be had anywhere. The short crop has caused an advance, but we are still selling at these moderate prices:

Large White Spencer, Re-selected, the finest white in existence, per lb., $3.50; ¼ lb., $1.00.

America Spencer, grand novelty. Others are getting $5.00 per lb. for this; our price, lb., $4.00; ¼ lb., $1.25.

Florence Morse Spencer, delicate blush pink, most charming color, lb., $2.50; ¼ lb., 85c.

Apple Blossom Spencer, the famous $5,000 prize Sweet Pea; pink shaded rose, lb., $2.50; ¼ lb., 85c.

Asta Ohn Spencer, best lavender; lb., $2.50; ¼ lb., 85c.

Any of the above, oz., 35c.

S. BRYSON AYRES CO.

Sweet Pea Specialists

Sunny Slope, Independence, - Mo.

Let us send you our Sweet Pea Catalogue.

Mention The Review when you write.

SOW NOW!

Get Ready for Early Spring Sales

	6 Tr. Pkts.	Tr. Pkt.
BEGONIA Gracilis Luminosa, true stock, with large scarlet flowers	$2.50	$0.50
Erfordii, fine pink variety	2.50	.50
Bedding Queen, most beautiful pink Wax Begonia	2.50	.50
Vernon, fine red	1.25	.25
CYCLAMEN Persicum Splendens Giganteum, finest colors, assorted, 1000 seeds	5.00	.75

O. V. ZANGEN, Hoboken, N. J.

XXX SEEDS

LIBERAL TRADE PACKETS

ALYSSUM SNOWDRIFT, most dwarf and compact, very fine, pkt. 20c.
ANTIRRHINUM, New Giant, white, rose and yellow. Separate or Mixed, pkt. 20c.
PETUNIA STAR, improved, finest marked flowers, very fine, pkt. 20c.
PETUNIA, Giant, single fringed, large and fine, very choicest mixed, pkt. 20c.
PETUNIA, Giant Double Fringed, very fine, trade pkt. 50c. Mixture of the best.
SALVIA, Bonfire, finest grown, brilliant scarlet and compact. Large pkt. 20c.
PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt. 20c.
CHINESE PRIMROSE, finest grown, single and double mixed, 600 seeds, $1.00; ½ pkt. 50c; 1000 seeds, $1.50. Separate colors or mixed.
CARNATION, New Giant Doubles, fine, 20c.
CYCLAMEN GIGANTEUM, finest giants, mixed, 250 seeds, $1.00; ½ pkt. 50c; 1000 seeds, $3.50.
GIANT PANSY, finest grown, critically selected, 6000 seeds, $1.00; ½ pkt. 50c.
COLEUS, New Hybrids, fine colors. Best New Giants, pkt. 20c. Very brilliant and showy.
LOBELIA, Blue Ball, dwarf, dark blue, finest of all Lobelias, pkt. 20c. Be sure to sow.
TORENIA FOURNIERI, New Giant, extra fine, pot plant, pkt. 20c. Showy.
CANDYTUFT, New Giant Hyacinth-flowered, a great cutter, pkt. 20c.
HELIOTROPE, finest mixed, pkt. 20c.
BROWALLIA, New Giant Blue, pkt. 20c.
CUPHEA, Giant Cigar, fine, pkt. 20c.
GAILLARDIA GRAND, New Giant, pkt. 20c.
COBAEA SCANDENS, extra fine vine, pkt. 20c.
THUNBERGIA, mixed, fine, 20c.
VERBENA, Improved Mammoth, finest giants grown, mixed, or separate of purple, white, scarlet, pink, striped, white-eyed. Tr. pkt. 20c. CASH. Liberal extra count.

JOHN F. RUPP, Shiremanstown, Pa.

Mention The Review when you write.

Begonias Tuberous Rooted

	Per 100	1000
Single, White, Pink, Scarlet, Orange, Yellow and Crimson	$2.50	$22.00
Single, mixed colors	2.25	20.00
Double, White, Pink, Scarlet, Orange, Yellow and Crimson	4.00	35.00
Double, mixed colors	3.50	30.00

GLOXINIAS

Blue, White, Crimson; Violet, white border; Red, white border	3.50	30.00
Mixed, all colors	3.00	26.00

A. HENDERSON & CO.

30 E. Randolph St., CHICAGO

Mention The Review when you write.

NEW CROP

Asparagus Plumosus Nanus

Wisconsin Greenhouse Grown Seed

Not to be compared with the inferior California and Florida outdoor grown seed.

1000 seeds, **$4.00;** 5000, **$18.75;** 10,000, **$35.00**

G. H. HUNKEL CO., Seedsmen, Milwaukee, Wis.

Mention The Review when you write.



According to the late season in California, 1912 **Winter Sweet Pea Crop** will be late. To avoid late delivery, I will send all early orders directly from my ranch in **Lompoc, Cal.** These will reach my farthest customers not later than August 10th, saving over 4 weeks' time. We will have all the leading colors and many novelties. **Order now.** New complete list will be ready in May.

Now is the time to sow **Late Sweet Peas.** We have on hand the best Spencer and Unwin types, and almost all other florists' flower seeds, like Asters, Stocks, Mignonette, etc.

Send for list.

Ant. C. Zvolanek

Bound Brook, N. J.

Mention The Review when you write.

STOCKS SEED

Large Flowering Dwarf German Ten Weeks

White, blood red, dark and light blue, yellow, each, trade packet, 50c; ¼ oz., 75c. Finest German strain. Saved from pot-grown plants only. Write for trade catalogue.

Weeber & Don, Seed Merchants and Growers 114 Chambers St., NEW YORK.

Mention The Review when you write.

No man can do better than fail who regards his fellows as merely so many opportunities—**to be taken advantage of.**

A trial order will convince you.

M. M. CARROLL,
Norwood (Cincinnati), Ohio

Mention The Review when you write.

GLADIOLI,

LILIES, SUMMER FLOWERING BULBS AND HARDY PLANTS.

SEND FOR PRICE LIST.

E. S. MILLER, Wading River, N. Y.

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PRIMULA

Chinensis Obconica

Unrivaled for size of flower, purity of color and highest development. They represent **the best** specialists have so far produced. Seeds and plants.

J. L. SCHILLER, Toledo, O.

BURNETT BROS.

SEEDS :: BULBS :: PLANTS

72 Cortlandt St., NEW YORK CITY

Asparagus Plumosus Nanus

Stokes Seeds Philadelphia

Guaranteed genuine northern greenhouse grown seed. Per 100 seeds, 40c; per 1000, $3.50; per 5000, $16.25.

Salvia Clara Bedman or Bonfire

My own growing 1911 crop seed. Per trade pkt., 40c; oz., $1.75; ¼ lb., $6.00.

Clematis Paniculata

1911 crop, my own saving. Per oz., 40c; lb., $3.50; 5 lbs., $15.00.

Send for Florists' Flower Seed List.

Stokes' Seed Store, 219 Market St., Philadelphia, Pa.

Mention The Review when you write.

FLOWER SEEDS

Ageratum Little Blue Star, tr. pkt., 15c.
Ageratum Imperial Dwarf Blue, tr. pkt., 10c.
Antirrhinum, giant-flowering, pink, striped, scarlet, yellow, white, garnet and mixed, each, tr. pkt., 10c; per oz., 40c.
Asparagus Sprengeri, tr. pkt., 65c; 5000 seeds, $5.50.
Asters, Smith's Peerless White, tr. pkt., 50c; per oz., $6.50.
Asters, Smith's Peerless Pink, tr. pkt., 50c; per oz., $7.50.
Centaurea Candidissima, tr. pkt., 25c.
Centaurea Gymnocarpa, tr. pkt., 15c.
Lobelia Crystal Palace Compacta, extra select strain, tr. pkt., 10c.
Petunia, large-flowering fringed, single mixed tr. pkt., 35c.
Petunia, large-flowering fringed, double mixed, tr. pkt., 65c.
Primula Obconica Gigantea, rose, crimson, lilac Hybrida, mixed, each, tr. pkt., 35c.
Salvia Bonfire, tr. pkt., 25c; per oz., $2.50.

Select strains of Verbena, Stocks, Grandiflora and Giant-flowering Spencer Sweet Peas, etc.

SEND FOR NEW FLORISTS' WHOLESALE CATALOGUE

CURRIE BROS. CO., 108 WISCONSIN ST., 312 BROADWAY, **MILWAUKEE, WIS.**

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A Good Investment. **GROW COLD STORAGE LILIES**

For sizes and prices, write

C. C. POLLWORTH CO., Milwaukee, Wis.

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Bulbs for Spring

L. Giganteum, Cannas (all leading varieties), **Tuberoses, Gladioli.** Prices on application.

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126-128 W. 6th St., CINCINNATI, OHIO

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Importers and growers of high-grade

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PRINCE BAY, N. Y.

Wholesale Grower, Exporter and Importer of all plants, roots and bulbs in season.

Correspondence Solicited

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Best that grow. We sell direct to gardeners and florists at wholesale. Big beautiful catalogue free. Write today

ARCHIAS SEED STORE, Box 58, Sedalia, Mo

Always mention the Florists' Review when writing advertisers.

Salvia Seed

SPLENDENS..Tr. pkt., 15c; ⅛-oz., 25c; oz., $1.25
CLARA BEDMAN (Bonfire).....Tr. pkt., 25c; ⅛-oz., 40c; oz., $2.25.
ZURICH.....Tr. pkt., 35c; ⅛-oz., 50c; oz., $3.50

New Catalogue just out; write for a copy.

G. H. HUNKEL CO., Seedsmen, Milwaukee, Wis.

ROSE GARDENS

WHOLESALE GROWERS

Daffodils, Peonies, Tulips Gladioli, Iris, Etc.

NORTH EMPORIA, VIRGINIA

SURPLUS OF

L. Multiflorums 7-9

Write for prices.

The Yokohama Nursery Co., Ltd.

No. 31 Barclay Street, NEW YORK

Asparagus Plumosus Nanus

New Crop—Greenhouse-grown

100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $3.50; 10,000 seeds, $30.00.

Sprengeri, 25c per 250 seeds; 75c per 1000 seeds; $2.75 per 5000 seeds.

Our Flower Seed Catalogue free on application.

THE MOORE SEED CO., 125 Market St., Philadelphia

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EDWARD REID

Wholesale Florist

Very fine Carnations in all colors; Violets, double and single, at attractive prices in large or small quantities.

1619-21 Ranstead St., Philadelphia, Pa.

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Wholesale Cut Flower Prices.

Philadelphia, Feb. 28, 1912.

	Per doz.
Beauty, Specials	$7.50 @ $9.00
" Extra	6.00
" Medium	3.00 @ 5.00
" Short	1 00 @ 2.00
	Per 100
The Killarneys, Fancy	$12.00 @ $15.00
" Select	8.00 @ 10.00
" Ordinary	4.00 @ 6.00
My Maryland, Bride—	
Fancy	12.00 @ 15.00
Select	8.00 @ 10.00
Ordinary	4.00 @ 6.00
Richmond, Fancy	15.00 @ 20 00
" Select	8.00 @ 12 00
" Ordinary	4.00 @ 6.00
Melody	4.00 @ 10.00
Carnations, Fancy	4.00 @ 5.00
" Select	2.50 @ 3.00
" Ordinary	1.50 @ 2.00
Cattleyas...per doz.,	$6 00
Phalaenopsis ..doz.,	$3.00 @ 4.00
Gardenias..per doz.,	1.50 @ 3.00
Easter Lilies ...doz.,	1.25 @ 1.50
Callas.....per doz.,	1.25 @ 1.50
Valley	3.00 @ 4.00
Sweet Peas	.40 @ 1.00
Violets, single, select	.75
" " ordinary	.25 @ .50
" double, select	.75
" " ordinary	.50
Daisies	1.50 @ 2.00
Pansies	.75
Lilacs.....per bunch,	$1.00
Paper Whites	2.00 @ 3.00
Romans	1.50 @ 2.00
Mignonette	3.00 @ 5.00
Daffodils	1.50 @ 2.00
Snapdragon.....doz.	$1.00 @ $2.50
Freesias	2.00 @ 4.00
Tulips	2.00 @ 4.00
Acacia Pubescens.....bunch,	$2.50

Buffalo, Feb. 28, 1912.

	Per doz.
Beauty, Specials	$6 00
" Fancy	4.00
" Extra	3.00
" Firsts	2.00
" Short	$0.50 @ 1.00
	Per 100
Perle	$ 5.00 @ $ 8.00
Bon Silene	3.00 @ 4.00
Bride and Maid	4.00 @ 8.00
Killarney	4.00 @ 10.00
White Killarney	4.00 @ 10.00
Richmond	5.00 @ 12 00
Maryland	4.00 @ 8.00
Carnations	1.50 @ 3.00
Lily of the Valley	3.00 @ 4.00
Longiflorums	10.00 @ 12.00
Violets	.40 @ .60
Mignonette	2.00 @ 4 00
Sweet Peas	.50 @ 1.00
Paper Whites	2.00 @ 3.00
Romans	2 00 @ 3.00
Callas	8.00 @ 12.00
Tulips	2.00 @ 3.00
Daffodils	2.00 @ 3 00
Jonquils	2.00 @ 3.00

Milwaukee, Feb. 28, 1912.

	Per doz.
Beauty, Long	$5.00
" Medium	$3.00 @ 4 00
" Short	1.50 @ 2.00
	Per 100
Richmond	$ 5.00 @ $12.00
Killarney	5.00 @ 15.00
White Killarney	5.00 @ 12.00
Carnations	1.50 @ 4.00
Valley	3.00 @ 4.00
Lilies	12.50 @ 15.00
Violets	.50 @ .75
Snapdragon.....bunch,	35c @ 75c
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
Trumpets	3.00 @ 4 00
Tulips	3.00

Results bring advertising.
The Review brings results.

Herrington on the Mum, sent by The Review for 50 cents.

WELCH BROS., 226 Devonshire Street, Boston

The Largest Wholesale House in America

Orchids :: American Beauties :: Gardenias :: Other Seasonable Flowers

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WILLIAM J. BAKER, Wholesale Florist.... 1432 South Penn Square, PHILADELPHIA, PA.

Fancy Carnations, Antirrhinums, Sweet Peas, Pansies, Yellow and White Daisies.

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ROSES, CARNATIONS AND SWEET PEAS

EUGENE BERNHEIMER, 11 S. 16th St., PHILADELPHIA, PA.

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Easter Lilies, Daffodils, Violets and Sweet Peas.

Samuel F. Lilley, WHOLESALE FLORIST
A good market for more Choice Flowers.
5 Mole St., Philadelphia, Pa.

Mention The Review when you write.

J. Kopelman

Wholesale and Commission Florist

25 Washington St., Providence, R.I.

GREENHOUSES, OAKLAWN, R. I.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Boston, Feb. 28, 1912.

	Per 100
Beauty, Specials	$40.00 @ $50.00
" Extra	20.00 @ 30.00
" Short stems	6.00 @ 15.00
Killarney	3.00 @ 12.00
White Killarney	3.00 @ 12.00
My Maryland	4.00 @ 12.00
Mrs. Aaron Ward	4 00 @ 12.00
Lady Hillingdon	4.00 @ 12.00
Richmond, Rhea Reid	4.00 @ 16.00
Carnations	.75 @ 3.00
Cattleyas	30.00 @ 35.00
Cypripediums	6.00 @ 8.00
Pansies	.50
Lily of the Valley	1.50 @ 4.00
Lilium Longiflorum	8.00 @ 10.00
Gardenias	6.00 @ 30.00
Violets	.30 @ .60
Sweet Peas	.25 @ .60
Antirrhinums	3.00 @ 5.00
Marguerites	1.00 @ 2.00
Paper White Narcissi	1.00 @ 1.50
Yellow Trumpet Narcissi	1 00 @ 2.00
Narcissus Poeticus	1.00 @ 1.50
Roman Hyacinths	1.00 @ 1.50
Mignonette	3.00 @ 8.00
Tulips	1.00 @ 2.50

St. Louis, Feb. 28, 1912.

	Per doz.
Beauty, Specials	$3.00 @ $4.00
" Extra	2.00 @ 2.50
" Shorts	.50 @ 1.00
	Per 100
Bride, Maid	$ 4.00 @ $ 6.00
Richmond	4.00 @ 6.00
Maryland	4.00 @ 6.00
White Killarney	4.00 @ 6.00
Killarney	4.00 @ 6.00
Carnations	1.00 @ 2.00
Lily of the Valley	2.00 @ 3.00
Harrisii	10.00 @ 12.50
Orchids.....doz.,	$5.00 @ $6.00
Violets	.25 @ .50
Paper Whites	2.00 @ 3.00
Romans	1.00 @ 2.00
Tulips	2 00 @ 3.00
Freesias	1.00 @ 2.00
Sweet Peas	.25 @ .60
Jonquils	1.00 @ 2.00

The Munk Floral Co.

Wholesale Growers of

CUT FLOWERS

and Jobbers of

FLORISTS' SUPPLIES

Columbus, : Ohio

Mention The Review when you write.

H. G. BERNING

WHOLESALE FLORIST

1402 Pine Street

ST. LOUIS, MO.

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C. A. KUEHN, Wholesale Florist

Cut Flowers and Florists' Supplies

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of SUPPLIES always on hand. Write for catalogue and prices.

1312 Pine Street, ST. LOUIS, MO.

Wm. C. Smith

Wholesale Floral Co.

Wholesale Florists

1316 Pine St., Both L. D. Phones, ST. LOUIS

Supplies and Everything in Season always on hand.

USE **Budlong's Blue Ribbon Valley**

Mention The Review when you write.

Roses, Beauties, Orchids, Valley, Violets, Carnations, Paper Whites, Lilies, Sweet Peas, Daisies, Trumpets, Mignonette, Decorative Greens

PITTSBURGH CUT FLOWER COMPANY

Wholesale Growers 121 Seventh St., Pittsburgh, Pa.

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A. L. Vaughan & Co.

WHOLESALE FLORIST

159 North Wabash Avenue, Chicago

Write for Special Prices.

Wholesale Cut Flower Prices.

Chicago, Feb. 28, 1912.

	Per doz.
Beauty, long stems	$5 00
" 36-in. "	4.00
" 30-in. "	3.00
" 24-in. "	2.50
" 20-in. "	2.00
" 15-in. "	1.50
" 12-in. "	1.25
" short "	$0.75 @ 1.00
	Per 100
Killarney	$ 3.00 @ $12.00
White Killarney	3.00 @ 12 00
Richmond	3.00 @ 12.00
My Maryland	3.00 @ 12.00
Mrs. Jardine	4.00 @ 10.00
Rhea Reid	4.00 @ 12.00
Mrs. Aaron Ward	5 00 @ 15.00
Rivoire (Bulgarie)	5.00 @ 15.00
Melody	5.00 @ 15.00
Perle	5 00 @ 8.00
Carnations	1.00 @ 3.00
Valley	1.50 @ 4.00
Easter Lilies	12.50
Callas	12.50 @ 15.00
Cattleyas ...per doz., $4.00 @ $6.00	
Violets	.30 @ .75
Sweet Peas	.50 @ 2.00
Paper Whites	2.00 @ 3.00
Romans	2.00 @ 3.00
Mignonette	4.00 @ 6.00
Freesia	2.00 @ 3.00
Tulips	3.00 @ 4.00
Jonquils	2.00 @ 3.00
Daffodils	3.00

Pittsburgh, Feb. 28, 1912.

	Per doz.
Beauty, Specials	$5.00 @ $6.00
" Fancy	4.00
" Medium	2.00
" Short	1 00
	Per 100
Killarney	$ 4.00 @ $12.00
White Killarney	4.00 @ 12 00
Richmond	4.00 @ 12.00
My Maryland	4.00 @ 10.00
Carnations	2.00 @ 3.00
Cattleyas	35.00 @ 50.00
Oncidiums	4.00 @ 8.00
Valley	3.00 @ 4.00
Lilies	12.00
Violets, double	.50 @ .75
Daisies	1.00 @ 2.00
Freesia	3.00 @ 4.00
Tulips	2.00 @ 4.00
Paper Whites	3.00
Daffodils	3.00 @ 4.00
Sweet Peas	.50 @ 1.25
Lilac.....per bunch, $1.00 @ $1.50	
Baby Primroses	.15
Mignonette	3.00 @ 4.00

Cincinnati, Feb. 28, 1912.

	Per doz.
Beauty, Extra	$3.00 @ $6.00
" No. 1	3.00
" No. 2	1.00 @ 1.50
	Per 100
Killarney	$ 4.00 @ $ 6.00
Richmond	4.00 @ 6.00
Bride	4.00 @ 6.00
Carnations	2.00 @ 3.00
Lilium Harrisii	10.00 @ 15.00
Lily of the Valley	3.00 @ 4.00
Cattleyas	60.00
Violets	.50 @ 1.00
Narcissi	2.00 @ 3.00
Sweet Peas	.50 @ .75
Roman Hyacinths	1.50 @ 3.00

J. A. BUDLONG

82-86 E. Randolph Street, CHICAGO.

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Cut Flowers Greens Supplies

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Wholesale Grower of Cut Flowers

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Wholesale Growers and Shippers of

CUT FLOWERS

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Room 218. L. D. Phone, 3284 Central.

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Wholesale Growers of... Cut Flowers

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Cut Flowers, Wire Work, Florist Supplies

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Cleveland, Ohio.

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The J. M. McCullough's Sons Co.

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Telephone 756 Madison Square

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Wholesale and Retail Dealer in ALL KINDS OF
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Plants and Cut Fowers of every variety.
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Horticultural Supplies
Write for our special Catalogue.
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All colors. Wired ready for use, waterproof, more advantageous than natural Capes. Samples on request. Also a full line of Crepe Roses, Chrysanthemums, Callas, Easter Lilies, Orchids, Acacias, Violets, Sweet Peas, Valley, Carnations, etc., natural prepared Adiantum, Sea Moss, Metal Wreaths, Crosses, etc., and everything in the Florists' Supply Line.
A. HERRMANN, 404-412 East 34th Street, NEW YORK CITY
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Wholesale Cut Flower Prices.

New York, Feb. 26, 1912.

	Per 100
Beauty, Specials	$60.00 @ $100.00
" Fancy	40.00 @ 60.00
" Extra	30.00 @ 50.00
" No. 1	10.00 @ 15.00
" No. 2	4.00 @ 6.00
Bride and Maid	1.00 @ 6.00
Killarney	1.00 @ 8.00
My Maryland	1.00 @ 8.00
Richmond	2.00 @ 12.00
Chatenay	3.00 @ 12.00
Jardine	3.00 @ 12.00
Prince de Bulgarie	3.00 @ 12 00
Orchids	15.00 @ 40.00
Cypripediums	6.00 @ 10.00
Carnations	.50 @ 2.00
Easter Lilies	3.00 @ 6 00
Lily of the Valley	1.00 @ 3.00
Gardenias...per doz., $1.00 @ $4.00	
Violets	.10 @ .40
Daisies	.50 @ 2.00
Hyacinths	.50 @ 1.00
Sweet Peas, doz. bches., $0.30–$0.75	
Narcissi .....bunch, .15– .25	
Callas.....per doz., .75– 1.00	
Lilac.....per bunch, .50– 1.00	
Mignonette....per doz., .25– .75	
Freesia.....per bunch, .10– .25	
Daffodils	.50 @ 1.50
Tulips	.50 @ 2.00
Pansies	.75 @ 1.00

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Gummed gold, silver and purple letters, for inscriptions on floral designs. Best and cheapest on the market. Send for samples and prices.
J. LICHTENBERGER, 1564 Avenue A, NEW YORK
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is by far the best we have issued. It contains about 2000 names and ratings, being about twice as large as was our October number. Subscribe now and get the greatest good from your money.
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Wild Smilax, Galax, Ferns, Palms, Leaves, etc.
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55 and 57 West 26th Street 6 a. m. to 6 p. m. every day in the year

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Most convenient store for customers in the city. Tel. 7062 Madison.

Consignments Solicited The Highest Values Guaranteed

M. C. FORD, 121 W. 28th Street, Tel. 3870-3871 Madison Square **New York**

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The largest Shipper and Receiver of **Fresh Cut Flowers**

☞ A complete assortment of the best in the market can always be relied upon.

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Green and Bronze Galax Leaves.



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All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Greens. Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

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Dealers in Florists' Supplies

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Room for the products of growers of first-class stock. We have what you want when you want it.

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ROSES, field-grown

$15.00 per 100: Baby Ramblers, red, pink and white; Caroline Testout, Killarney, K. A. Victoria, Maman Cochet, Mme. Chatenay, Soleil d'Or, Tausendschon, Veilchenblau.

$12.00 per 100: J. B. Clark, Hugh Dickson, P. Cam. de Rohan, Wedding Bells, Frau Karl Druschki, Gruss an Teplitz, Crimson Rambler.

$8.00 per 100: Dorothy Perkins, Lady Gay.

Write for Trade List. **W. & T. SMITH COMPANY,** Geneva, N. Y. 66 YEARS 800 ACRES

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NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Officers for 1911-12: Pres., J. H. Dayton, Painesville, O.; Vice-pres., W. H. Wyman, North Abington, Mass.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-seventh annual meeting, Boston, June 1912.

JOSEPH ROLKER, of A. Rolker & Sons, New York, has just made a trip among the nurserymen of the middle west.

THE death of Mrs. Wm. C. Barry, Sr., wife of the well-known member of Ellwanger & Barry, Rochester nurserymen, is reported in the obituary column this week.

ORLANDO HARRISON, the well-known nurseryman at Berlin, Md., is president of the Peninsula Produce Exchange, operating at forty shipping points, with head office at Pocomoke, Md.

THE Sacramento Valley Nursery Co. has been incorporated at Willow, Cal., with a capital of $100,000. The members of the company are Levi C. Rice, R. D. Banbury, W. M. Connarn, John E. Finnall and F. W. Huggins, of Los Angeles; W. R. Chesley and F. H. Griswold, of Willow.

THE nurseries in Oklahoma report deliveries of nursery stock to be far above normal for this season of the year, January having seen larger shipments than any previous January in the history of the industry in the state. The items principally in request are apple, peach, plum and pear.

THE Phoenix Nursery, comprising thirty-one acres, at Delavan, Wis., has been purchased by F. B. Stowe, of the Maywood Nursery Co., Maywood, Ill. Mr. Stowe has remodeled the office on his new property and is planning other improvements. Will Moore, who has been connected with the nursery for many years, will be retained under the new management.

ISAIAH MARTIN, nurseryman and real estate dealer at Redlands, Cal., has made some particularly generous offers of aid to the Board of Trade, of which he is a director. The Board is making a special effort to increase its membership and the funds in its treasury, and Mr. Martin has been stimulating this effort by making various liberal propositions, including an offer to "give as much as all the rest of the real estate agents in Redlands give together."

FIELD ROSES IN ENGLAND.

A British trade journal points out that "for some reason or other, or perhaps from several causes combined, the demand for roses this season has not reached anything like the proportions anticipated, and nearly all the leading growers find themselves with

B. & A. SPECIALTIES

PALMS, BAY TREES, BOXWOOD AND HARDY HERBACEOUS PLANTS, EVERGREENS, ROSES, RHODODENDRONS, VINES AND CLIMBERS, AUTUMN BULBS AND ROOTS, CONIFERS, PINES.

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City. Carlton Hill Station is the second stop on Main Line of Erie Railroad.

BOBBINK & ATKINS, Nurserymen and Florists RUTHERFORD, N. J.

Mention The Review when you write

California Privet

	Per 1000
6 to 12 inches	$ 4.00
12 to 18 inches	6.00
18 to 24 inches	8 00
2 to 3 feet	10.00
3 to 4 feet	15.00

OAK LAWN NURSERY

Huntsville, · · Alabama

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California Privet

A full supply for all who need well grown, well graded, well rooted and well packed 2-year-old.

California Privet

Only strong branches counted. Satisfaction guaranteed.

	Per 100	Per 1000
12 to 18 in., branches	$1.00	$ 5.00
18 to 24 in., 3 or more branches	1.50	10.00
25 to 30 in., fine, 4 or more branches	2.00	15.00
2½ to 3 ft., strong, 6 or more branches	3.00	25.00
3 to 4 ft., extra hv'y, 8 or more branches	4.00	30.00

10 per cent off on 5000 lots of the first four grades. Special low rates on car lots. Correspond before purchasing.

CHAS. BLACK, Hightstown, N. J.

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PEONIES

We have one of the finest stocks anywhere in the country and should be very glad to figure with you on your list of wants.

PETERSON NURSERY,

Stock Exchange Building, CHICAGO

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ORNAMENTALS

Ask for Prices

Hiram T. Jones

Union County Nurseries, Elizabeth, N. J.

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American Pillar Rose

PRICES—Strong 3 year (4 to 5 ft.), $35.00 per 100; 2 year (3 to 4 ft.), $25.00 per 100; plants from pots, hardened, 2½-in., $5.00 per 100; f. o. b. West Grove.

THE CONARD & JONES CO.

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Roses and Roses

Spring Price List Ready.

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OAKS AND MAPLES, PINES AND HEMLOCKS

ANDORRA NURSERIES

Wm. Warner Harper, Prop.

Chestnut Hill, Philadelphia, Pa.

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A Beautiful New

ORNAMENTAL CLIMBER

The so-called **Air Potato,** an extremely decorative climber, a species of **Dioscorea,** or Ornamental Yam. It is a very rampant grower, with emerald-green, glossy, strongly nerved, heart-shaped leaves, long tassels of white flowers, and provided all along the stems with potato-like tubers, the size of a hickory nut up to a large apple, of a light grayish color. The leaves overlap like the shingles of a roof. The plant was introduced a few years ago from the South Sea Islands by the U. S. Department of Agriculture, under the name of Smilax sandvicensis. It makes fine specimen plants in a few months, being particularly valuable for veranda decoration. Shoots 60 to 80 feet long in one season are no exceptions. These potato-like tubers can also be grown in pots into very ornamental specimens and may be sold as such. The glossy foliage alone recommends them to everybody. In our gardens it is admired more than any other plant.

PRICES:

$20.00 per 1000 for tubers of hickory nut size
30.00 per 1000 for tubers of walnut size
50.00 per 1000 for tubers of apple size and larger

Also for sale: **Xanthosoma maculatum,** leaf stems marbled white and purple, $10 00 per 100; **Xanthosoma violaceum,** leaf stems violet purple, $10.00 per 100; **Alocasia Roezlii,** leaves marbled white and green, $25.00 per 100. All are grand Caladium-like foliage plants.

H. NEHRLING & SON

GOTHA, Orange County, FLORIDA

40,000 Berberis Thunbergii

	Per 1000
25,000 Berberis Thunbergii, 10-15-in.	$ 9.00
15,000 Berberis Thunbergii, 2 yr. trans.	22.00
5,000 Berberis Vulgaris, 2 yr.	8.00
10,000 Euonymus Radicans, 1 yr.	8.00
1,500 Clematis Paniculata, 2 yr.	40.00
3,000 Retinospora Plumosa Aurea, 1 yr.	20.00
3,000 Honeysuckles, 1 yr., rooted cuttings.	10.00
5,000 Japan Maple Purpurea, 2 yr.	80.00
2,000 Japan Maple Polymorphum, 2 yr.	12.00
6,000 Rosa Rugosa, 2 yr., trans.	20.00

B. A. BOHUSLAV & SON

NEWPORT, R. I.

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PEONY BARGAIN

For Spring Planting

COMTE DE JUSSIER (yellow)
FESTIVA ALBA (white)
DUCHESS DE ORLEANS (pink)

Roots, 2 to 5-eye divisions, ready now for shipment, $5.00 per 100 for cash with order.

THOMAS J. OBERLIN, Sinking Spring, Pa.

Mention The Review when you write.

a very considerable surplus in hand,'' and continues: ''We hope the trade will keep a level head in this matter and that there will be no panic or rush to clear out by slaughtering the prices in the spring. Any small gain from such a course would do infinitely more harm to business the following season than any little saving now could possibly compensate for, and we had better make up our minds now to a small sacrifice rather than try to avoid it by wrecking the prospect for the future.''

BUY HILL'S EVERGREENS AND GET BEST SELECTIONS

Your standing with your customers depends on the kind of stock you supply them. If it's evergreens, you doubtless have to **buy**—very few general nurserymen can command the facilities necessary to grow evergreens right.

It's doubly important, then, that you get your stock from growers whom you **know** you can depend on—whose product you can recommend to your trade as confidently as though you had grown it yourself.

We have the facilities, the men, and the skill necessary to grow **evergreens right**—and you can depend on what we tell you as gospel fact. We are evergreen specialists—have been pushing that line for over 50 years, and are now growing **millions of evergreens** annually. No other American grower can offer nearly such a complete stock.

You will be particularly interested in our

SEEDLINGS AND TRANSPLANTS FOR NURSERYMEN'S AND DEALERS' TRADE, LINING OUT, ETC.

Our Wholesale Catalogue for 1912 is ready. If **your** copy has not arrived, ask us for it now. Interesting facts and illustrations—and our prices are right.

D. HILL NURSERY COMPANY, Inc., Evergreen Specialists

D. HILL, President
Largest Growers in America; Founded 1855
Box 403, DUNDEE, ILL.

DECIDUOUS FOREST TREE SEEDLINGS GROWN IN IMMENSE QUANTITY

Mention The Review when you write.

California Privet

GROWN AS A SPECIALTY

C. A. BENNETT

ROBBINSVILLE, N. J.

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DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

DAVID HERBERT & SON

ATCO, N. J.

Mention The Review when you write.

CARNATION "WODENETHE"

Head and shoulders above any other white at the present time on the market. March 20th delivery on Wodenethe and Brooklyn, rooted cuttings,

Per 100.....$12.00; Per 1000.....$100.00

NEW ROSE "SUNBURST"

March delivery. Absolutely continuous in growth through the dark weather. Beautiful foliage and long stems. This rose is easily the "King" in its color, which is a lovely orange yellow.

Grafted stock .....$35.00 per 100; $300.00 per 1000
Own root..... 30.00 per 100; 250.00 per 1000

CHAS. H. TOTTY, Madison, N. J.

Mention The Review when you write

CLEVELAND.

The Sixth City.

Stock of all kinds is arriving in quantities to meet the demand and prices are lower than for several months. Killarney and White Killarney are to be had in any quantity and some extra good stock is seen. Sweet peas, valley and jonquils are a trifle short of the demand, but all other stock, such as carnations, tulips, calla and Formosa lilies, are plentiful.

Various Notes.

Various brands of entertainment were uncorked on the evening of February 22, when George Washington Smith entertained his florist friends at his new home on Lake avenue. The boys were treated to some excellent music. The best selection was Herman Knoble's rendition of "The Sextet from Lucia." He sang it nicely, all by himself, ably assisted by Prof. George Bate at the piano. Fred Witthuhn gave some good reasons "Why Girls Leave Home," which caused G. P. Scherer to remember several stories that he said he should have forgotten. Well, to sum it all up, everybody had a good time—Chas. Russell had the tallest stack of blues. I nearly forgot to mention that George Washington Smith had sent his wife and family away for the evening. George Washington was the recipient of a handsomely carved table, the gift of the assembled party.

The Cleveland Chamber of Industry, which has so freely donated the use of its banquet hall for the Florists' Club's dances, has called on the florists for a return of favors. It is celebrating its fifth anniversary March 7 and has asked the florists to contribute the decorations. This will be a case of the individual repaying the favor done to the Florists' Club, but stock is plentiful and if the growers furnish the stock and the retailers their time, they should be able to make good with the Chamber of Industry.

Visitors: J. J. Karins, with Henry A. Dreer, Philadelphia; Robert Fulton, with Henry & Lee, New York.

F. A. F.

Carnation Rooted Cuttings

ROSETTE—The bright, large-flowered dark pink Carnation. Only a few thousand left for early March delivery—

$12.00 per 100; $100.00 per 1000

250 at 1000 rate.

For February delivery we can supply now:

	100	1000
Scarlet Glow	$3.00	$25.00
White Perfection	3.00	25.00
Bonfire	6.00	50.00
Rose-pink Enchantress	3.00	25.00

Quality cuttings.

F. DORNER & SONS CO.,
LA FAYETTE, IND.

Mention The Review when you write.

THE PERFECT MAIL PACKAGE

For all kinds of
PLANTS

Standard Florists' Tube

Light in Weight
Low Mailage Cost
Great Pressure Resistance
Ample Protection in the Mail Bag
Quickly and Easily Packed
Saving of Time and Labor
Low Cost
Economy in the Mail Room.

Can you afford **not** to use them?
Send for samples and prices.

Standard Manufacturing Co.
Second and Vine Streets,
PHILADELPHIA

Always mention the Florists' Review when writing advertisers.

Winter and Spring Price List Ready. Send for copy. Contains some attractive offers.

Roses

Ramblers, Hybrid Teas, Hybrid Perpetuals, Dwarf Polyanthas, Standards and Half Standards.

Rhododendrons

18-24-inch, well budded, named varieties, forcing stock as well as kinds for outdoors, $40.00 per 100.

Lily of the Valley

Just a few cases, best three-year crowns, 2500 to the case, at $35.00 per case, to close out.

Tell us your wants.

Jackson & Perkins Company
Nurserymen and Florists (Wholesale Only)
NEWARK, Wayne Co., NEW YORK

Carnation Calyx



An effective cure for splits. Simple and indestructible, made of brass. Does not retard the growth of flower at all. A trial will convince. $2.00 per 100, delivered free when cash is with order.

MORTON R. TANK, Chatham, New York

Mention The Review when you write

Rooted Carnation Cuttings

of up-to-date varieties
List on application

LITTLEFIELD & WYMAN
NORTH ABINGTON, MASS.

Always mention the Florists' Review when writing advertisers.

We extend an invitation to all who attend the meeting of the Illinois State Florists' Association at Joliet, March 5 and 6, to visit our greenhouse and see

WASHINGTON

Dark Pink Sport of Enchantress, Like all the Other Members of the Enchantress Family, the Best in Their Respective Colors :: :: :: :: ::



WASHINGTON, THE VARIETY THAT HAS MADE GOOD.

Washington is the only variety sent out last year that was shown extensively at the flower shows this season, and the only second year novelty shown in the Hundred Classes; winning **First Prize** over all standard varieties.

Washington like Enchantress, is easy to handle and brings satisfactory returns to the grower.

Washington is a strong, healthy grower; the foliage is much darker than the Enchantress. Strong, well rooted cuttings now ready. $6.00 per 100; $50.00 per 1000.

OTHER LEADERS

White Wonder, exceptionally free, fine large flower, good stems. $6.00 per 100; $50.00 per 1000.

Gloriosa, medium pink, very fine flowers on good stems. $6.00 per 100; $50.00 per 1000. April 1st delivery.

Bonfire, scarlet, very bright, long, strong stems. $6.00 per 100; $50.00 per 1000.

Princess Charming, large flesh pink, long heavy stems, very fine. $6.00 per 100; $50.00 per 1000.

Christmas Cheer, scarlet, very free. $6.00 per 100; $50.00 per 1000.

STANDARD VARIETIES

	Per 100	Per 1000
White Enchantress, pure white	$3.00	$25.00
White Perfection	3.00	25.00
Shasta, very free	3.00	25.00
Victory	3.00	25.00
Scarlet Glow	3.00	25.00
Afterglow	$3.00	$25.00
Alvina	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Dorothy Gordon	3.00	25.00
Enchantress	3.00	25.00
May Day, very free	3.00	25.00

All stock is clean, healthy and well rooted. Guaranteed satisfactory in every respect. Now ready for delivery.

Chicago Carnation Co.

A. T. PYFER, Manager

30 East Randolph Street, CHICAGO

INDIANAPOLIS.

The Market.

Trade has been only fair for the last week. A fall of about twelve inches of snow in the early part of the week brought things almost to a standstill. The market is well stocked again and the street fakers are making their appearance. Carnations are plentiful and the price dropped to $2 to $3 per 100 last week. Roses are available in quantities and some first-class stock is to be had. Beauties are scarce and none too good, but the demand is not great. Easter and calla lilies are in good supply. Sweet peas are becoming abundant and are moving well. Bulbous stock is plentiful. Valley, violets, freesias, mignonette and snapdragons are abundant. Pot plant trade has picked up wonderfully since the first part of the month. Azaleas, primulas, cyclamens, lilacs, hyacinths, tulips and daffodils find a ready sale.

Various Notes.

Peter Weiland, of New Castle, has been shipping quantities of sweet peas to this market.

Fred Stolti, formerly with A. Wiegand & Sons, has taken a position with Alfred Brandt.

Paul Berkowitz, with Bayersdorfer & Co., Philadelphia, spent a day with the trade here last week.

John Grande and August Rieman are cutting some fine Easter lilies.

Albert Pittet will exhibit some of his new seedling sweet peas at the Chicago spring show.

A. Wiegand & Sons have received material for two new 27-foot houses.

C. Boheit, formerly with Sidney Smith, has taken a position with L. F. Benson.

The next meeting of the State Florists' Association will be held in the horticultural rooms at the State House on Tuesday, March 5, at 7 p. m. This meeting is to be devoted to novelties. Anyone having any novelties to exhibit may send them to Secretary Herman Junge, at 134 North Alabama street, and they will be properly staged.

H. L. W.

ENOUGH FOR A WHILE.

It makes hardly any difference what is advertised in the Classified Department of The Review, or when; there almost always is some part of the country in which the stock offered is in season and in demand. A propagating house can be kept busy with the use of classified space in The Review.

Please discontinue our advertisement for chrysanthemum cuttings, as we have sufficient orders to keep us busy for a while. We will mail you revised copy soon and thank you for the excellent work The Review is doing for us. —Zieger & Sons, Philadelphia, Pa., Feb. 24, 1912.

St. Louis, Mich.—Since the death of Frank Kleinhans last November, the business of Kleinhans Bros. has been continued by David Kleinhans, who is now sole proprietor.

DOUBLE KILLARNEY

Strong, own root plants, 2¼-in. pots,
$10.00 per 100, $90.00 per 1000

JOHN WELSH YOUNG, Upsal Sts. P. R. R., Philadelphia, Pa.

Mention The Review when you write.

ROOTED CUTTINGS

CARNATIONS

Strong, clean, healthy stock; well rooted. Now ready

	100	1000		100	1000
Beacon	$2.50	$20.00	White Perfection	$2.00	$17.50
White Enchantress	2.50	20.00	Rose-pink Enchantress	2.00	17.50
Enchantress	2.00	17.50			

YOUNG ROSE STOCK

Perle, 2½-inch.....$4.00 per 100; $30.00 per 1000

PETER REINBERG

30 East Randolph Street **CHICAGO**

Mention The Review when you write.

Western Headquarters for ROSE PLANTS **Poehlmann Bros. Co.**

DOUBLE WHITE KILLARNEY (Poehlmann Strain)
Grafted Stock, $30.00 per 100, $250.00 per 1000

NOTE CHANGES IN PRICES

		100	1000
Grafted—			
Pink Killarney	2½-inch,		$120.00
White Killarney	2½-inch,		120.00
Richmond	2½-inch,		120.00
Maryland	2½-inch,		120.00
Radiance	2½-inch,	$14.00	120.00
Mrs. Aaron Ward	2½-inch,	14.00	120.00
Melody	2½-inch,	14.00	120.00
Antoine Rivoire, Mrs. Taft or Prince de Bulgarie	2½-inch,	14.00	120.00
Lady Hillingdon, limited stock only	2½-inch,	15 00	.....
Sunburst	2½-inch,	35.00	.....
Own Root—			
Pink Killarney	2½-inch,	6 50	60.00
White Killarney	2½-inch,	6.50	60.00
Maryland	2½-inch,	6.50	60 00
Richmond	2½-inch,	6.00	50.00
Antoine Rivoire, Mrs. Taft or Prince de Bulgarie,	2½-inch,	8.00	70.00
Radiance	2½-inch,	8.00	.....
Melody	2½-inch,	8.00	70.00
Aaron Ward	2½-inch,	8.00	70 00
Double Pink Killarney	2½-inch,	8.00	70.00

Orders are now booked for April, May, June and July delivery.
All goods sold for cash or 30 days on approved credit.

POEHLMANN BROS. CO., Wholesale Florists **Morton Grove, Ill.**

Mention The Review when you write.

AM. BEAUTY

Good 2-inch stock.

$50.00 per 1000. March delivery.

SOUTH PARK FLORAL CO.

M. HELLER, Pres. **NEW CASTLE, IND.**

Mention The Review when you write.

SUNBURST



The winning new rose of the year. Has been exhibited at all the large shows of 1911-1912, and has won first place over every competitor.

Awarded 90 for culture by the N. Y. Florists' Club at Mr. C. H. Totty's place at Madison, N. J.

An enormous rose on long stems.
Absolutely continuous through the dark weather.
Foliage large and heavy.
Buds long and pointed.
Color, deep orange and pure gold.

Is being planted in quantity by all the best growers. Ready March 1, 1912.

Own Root, $ 30.00 per 100
250.00 per 1000

Grafts, 35.00 per 100
300.00 per 1000

Our grafts are superlatively fine this year.

THE E. G. HILL CO., Richmond, Ind.

CARNATIONS

PRINCESS CHARMING

Better than Enchantress.
Try it and convince yourself.
Rooted cuttings...$6.00 per 100; $50.00 per 1000
Unrooted cuttings 3.00 per 100; 25.00 per 1000
Immediate delivery.

XMAS CHEER

The scarlet pot carnation.
Rooted cuttings only, $6.00 per 100; $50.00 per 1000.

Henry Eichholz
WAYNESBORO, PA.

Don't Delay Ordering

Benora Carnation

NOW, for seasonable delivery.

Write for descriptive circular. Cultural directions with each shipment.

$12.00 per 100; $100.00 per 1000.

PETER FISHER, Ellis, Mass.



Comfort

PM QUALITY

A Seedling of S. M. MERWARTH & BRO., Easton, Pa.

Parentage, HARLOWARDEN and ENCHANTRESS

As a medium-priced "red" it has a very promising future

From the Florex Gardens, North Wales, Pa., where this has been grown on trial, we have a letter under date of Nov. 24, 1911, saying: "So far we like the new seedling very much; the color of the flower is fine and the size good. The stems are stiff and the number of blooms to a plant shows it will be a good producer."

E. J. Weaver, of Ronks, Pa., who has been growing five hundred on trial, writes us under date of Jan. 8, 1912: "So far this season this variety has produced more than double the blooms Beacon has, planted in the same house, and I feel sure it will maintain its lead the balance of the season. It is of a much brighter color than Beacon, flower as large, with a good stem, and a calyx that practically does not split, not averaging more than one split flower a week from the five hundred plants."

Well-rooted Cuttings, $6.00 per 100, $50.00 per 1000

Our Usual Guarantee Goes with This Stock

S. S. PENNOCK-MEEHAN CO.

"THE" Wholesale Florists of Philadelphia **1608 Ludlow St., PHILADELPHIA, PA.**

AMHERST, MASS.

The program for Farmers' Week at the Massachusetts Agricultural College has just been issued. A new feature this year will be a day devoted to glass house agriculture. The morning of Thursday, March 14, will be devoted to a consideration of market gardening problems, and in the afternoon and evening more distinctly floricultural subjects will be under consideration. At 1:30 H. D. Haskins, of the Massachusetts Experiment Station, will speak on "Fertilizers for Glass House Agriculture." Mr. Haskins has made extensive studies along the line of commercial fertilizers for greenhouse crops. At 3 p. m. Dr. H. H. Whetzel, of the Department of Plant Pathology, Cornell University, will speak on "Plant Disease Problems of the Florist." Dr. Whetzel has made wide investigations on this subject and is an authority on plant diseases. At 7 o'clock Dr. H. T. Fernald, of the Massachusetts Experiment Station, will speak on "Some Recent Investigations in Greenhouse Fumigation."

In addition to these addresses on floriculture, there will be an exhibition of roses, carnations, etc. Among those who have signified their intentions of sending material for the exhibition are: A. N. Pierson, Inc., Peter Fisher, M. A. Patten, C. H. Totty, Waban Rose Conservatories, Eber Holmes, Wm. Sim, Bassett & Washburn, the Chicago Carnation Co., W. H. Elliott and others.

On Friday morning there will be an opportunity to inspect the college ranges and a description of the instruction work at the colleges will be given by E. A. White, also an outline of proposed experimental investigations along floricultural lines. After this an observation trip will be taken to the large rose ranges of the Montgomery Co., East Hadley, and to the commercial range of H. W. Field, Northampton.

Freeport, Ill.—John Bauscher will install a modern system of electric lighting at his greenhouses early in the spring.

GRAFTED ROSE PLANTS

Choice stock from flowering wood.

Ready for delivery April 1st, well hardened off and fit to plant or repot.

Mrs. Aaron Ward	per 100,	$12.00
Pink Killarney	"	12.00
White Killarney	"	12.00
Rhea Reid	"	12.00
De Bulgarie, ready May 1st	"	12.00

Our stock is all grafted on selected English Manetti.

BASSETT & WASHBURN,

Office and Store, 131 N. Wabash Ave. CHICAGO **Greenhouses, Hinsdale, Ill.**

Mention The Review when you write

American Beauties

2-inch, fine stock.....$6.00 per 100; $50.00 per 1000
Bench plants, clean, healthy..... 6.00 per 100; 50.00 per 1000
Our stock always pleases. If it did not, we would make it right.

J. A. BUDLONG, 82-86 E. Randolph Street, Chicago

COLEUS

Rooted Cuttings, 60c per 100
2¼-inch pots, $2.00 per 100
Nine varieties

Snapdragons, white and yellow, $1.00 per 100; 2½-inch pots, $2.50 per 100.

Mixed Double Petunias, rooted cuttings, $1.00 per 100.

25,000 Asparagus Sprengeri seedlings, ready March 20, $1.00 per 100; $10.00 per 1000.

Cash, please

E. HUSTON & CO., Sistersville, W.Va.

Double Pink Killarney

March delivery, $100.00 per 1000.

FERNS...FERNS

Boston, Whitmani, Scholzeli,
4-in., $12.50; 5-in., $25.00; 6-in., $40.00

GERANIUMS, 3-in., Nutt and Ricard, $5.00 per 100.

HELIOTROPE, 3-in., $5.00 per 100.

Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Leaders in Both Quality of Stock and in Varieties.

Our rose stock for greenhouse growing is considered the finest quality which can be produced and there are thousands of customers from California to Maine who will testify to the truth of the assertion.

Double White Killarney (Budlong)

and **Killarney Queen**

are our two introductions of 1912.

	100	1000
Grafted Plants	$30.00	$250.00
Own Root	25.00	200.00

Sunburst, of our own growing, which means quality in the young stock, at the introducer's prices.

Lady Hillingdon. The yellow rose, noted for its wonderful color and freedom of growth.

	100	1000
Grafted Plants	$25.00	$200.00
Own Root	20.00	150.00

Melody

	100	1000
Own Root Plants	$12.00	$100.00

Mrs. Aaron Ward

	100	1000
Grafted Plants	$20.00	$150.00
Own Root	10.00	90.00

Standard Commercial Varieties

Killarney **White Killarney** **Richmond**
Mrs. Taft (Rivoire) **My Maryland** **Radiance**

	100	1000
Grafted Plants	$15.00	$120.00

250 of a variety at the 1000 rate. Special prices quoted on 5000 or more.

Commercial Chrysanthemums

Chadwick Supreme, Roman Gold and Smith's Advance in quantity. All the choice commercial varieties.

Bedding Stock in Quantity

Coleus **Salvia** **Heliotrope**

Place your orders now and be certain of your stock. We guarantee satisfaction to our customers. Satisfactory references or cash required from unknown parties.

A. N. PIERSON, Inc., **Cromwell, Conn.**

Mention The Review when you write.

DELHI

A splendid commercial **red Carnation.** It will pay any grower to invest in it. We are now booking orders for latter part of February and March delivery. Stock limited.

$10.00 per 100; $75.00 per 1000

SKIDELSKY & CO., 1215 Betz Building, PHILADELPHIA, PA.

WM. MURPHY, 309 Main Street, CINCINNATI, OHIO

Mention The Review when you write.

BRILLIANCY COLEUS

This is the most gorgeous of all foliage plants. It is simply indescribable. The leaves when fully developed are 10 in. long and 8 in. wide. The prevailing color is crimson interlaced with green, carmine, yellow, chocolate, etc. We have 10,000 of this grand coleus in 2½-in., at $3.00 per 100; $25.00 per 1000.

Six best standard sorts, 2½-in., $2.00 per 100; $18.00 per 1000. Cash, please. See our classified ad under Ageratums, Asparagus, Begonias, Clematis, Ferns and Salvias.

The Reeser Plant Co.

Wholesale Florists SPRINGFIELD, O.

Mention The Review when you write.

Cyclamen Seedlings

We have a fine lot of Cyclamen Seedlings, very good imported strain, to offer in 6 separate varieties, $1.50 per 100; $12.50 per 1000.

Hydrangea Otaksa, dormant, 3-in., $8.00 per 100; 4-in., $15.00 per 100; 5-in., $25.00 per 100.

We solicit your patronage.

D. U. Augspurger & Sons Co.

PEORIA, ILL.

Mention The Review when you write.

FERNS---ROSES ....BEGONIAS....

Amerpohlii, Barrowsii, Scottii, Elegantissima, Boston, Jacksoni, Piersoni, Sword, Whitmani, 2½-in. pots, $4.00 per 100; 4-in., $15.00 per 100.

Rex Begonias, assorted varieties, 3-in. pot plants, $5.00 per 100; $45.00 per 1000.

Roses our specialty. Ask for quotations.

The Dingee & Conard Co., West Grove, Penna.

Salvia Rooted Cuttings

	100	1000
Zurich	$1.00	$7.00
Bonfire	.80	6.50

Cash.

J. P. SIEBOLD, Lancaster, Pa.

G. DREYER

Tel. 228 Newtown Jackson Ave. ELMHURST, L. I.

DECORATIVE PLANTS

Always Mention the Florists' Review when writing advertisers

PLANTS YOU NEED

CHINESE PRIMROSES, 4-in., full of bud and bloom, extra fancy mixed, $7.50 per 100.

PRIMULA OBCONICA, 4-in., mixed, full of bud and bloom, $5.00 per 100.

CINERARIAS, fancy mixed, 4-in. plants, $5.00 per 100.

ASPARAGUS SPRENGERI, large 4-in., $6.00.

CYCLAMEN, 3-in., 6 colors, $7.50 per 100.

SNAPDRAGONS, 3-in., white, pink, yellow, $5.00 per 100; $45.00 per 1000.

MARGUERITES, large 2½-in. plants, white and yellow, $2.25 per 100.

HELIOTROPES, 2½-in., 3 kinds, $2.50 100.

FUCHSIAS, 2½-in., 12 kinds, including Little Beauty and Storm King, $2.50 per 100.

PELARGONIUMS, Lady Lloyd, 2½-in., $4.00.

ALTERNANTHERAS, red and yellow, 2¼-in., $2.00 per 100; $18.00 per 1000.

ALTERNANTHERAS, Brilliancy, 3-in. plants, $3.00 per 100.

DOUBLE PETUNIAS, 3-in., 12 kinds, $5.00 100.

SMILAX, large 2½-in., $2.00 per 100.

CANNAS, 15 fancy kinds, mixed, $1.50 per 100; $14.00 per 1000.

Send your order now. This adv. may not appear again.

ALONZO J. BRYAN, Wholesale Florist, Washington, New Jersey

Carnation Rooted Cuttings

Standard varieties and novelties.

Asparagus Plumosus and Sprengeri Seed. Cyclamen Seedlings and Plants.

See classified advs. Write for our 1912 catalogue.

S. S. Skidelsky & Co.

1215 Betz Bldg., Philadelphia, Pa.

MILWAUKEE.

The Market.

Business dropped off a little more than was anticipated with the opening of the lenten season and for a short time stock accumulated more than at any time this year; weather conditions also helped to bring along stock a little more rapidly, which resulted in a cut in prices all around. Carnations for once were plentiful and from reports there will be enough to go around from now on. In fact, there was no shortage of any stock at any time, with the exception of American Beauties.

Various Notes.

Wm. Zimmermann's delivery automobile got in a bad mix-up last Friday and from reports drew the short end of the deal. This firm reports business as keeping up well ever since Valentine's day.

Currie Bros. Co. was kept busy all day Sunday with funeral work. It was a surprise that one funeral which was to have taken place Monday was, owing to the inclemency of the weather, postponed until Tuesday.

At J. M. Fox & Son's store a general run of business has kept them busy for the last fortnight.

Milwaukee was visited by the worst blizzard of the season February 25 and 26. By Monday night there were so many snowdrifts that traffic was next to impossible; city cars were out of commission and the steam roads did not fare much better. "We had more trouble during that snow storm to get the express companies to call for and deliver goods than we have all winter," was the report that came from the G. Rusch Co. on Monday night.

C. C. Pollworth's greenhouses are now cutting a fine lot of carnations; their large cut of Easter lilies of late has been just the thing for funeral work orders.

At the range of Holton & Hunkel Co., on Humboldt avenue, the pot plants for Easter are coming along in good shape, while the lilies look especially promising at this time.

A visit to the Mueller & Schroeder Co., February 25, revealed as pretty and clean a batch of carnations as one would want to see. All benches are a mass of buds in different stages, while the young plants are in prime condition.

Frank Johnson, of the A. L. Randall Co., called on the trade to satisfy their wants in Easter supplies. Another visitor was M. B. Lassen, Racine, Wis. E. O.

TRUE IRISH

SHAMROCKS

1-in. pots, with saucers, $5.00 per 100; $45.00 per 1000.
1¾-in. pots, $5.00 per 100; $45.00 per 1000.

Ferns for Dishes

Assorted varieties, 2¼-in pots, $3.50 per 100; $30.00 per 1000.

Asparagus Plumosus

2¼-in. pots, $3.50 per 100; $30.00 per 1000; 3-in. pots, $6.00 per 100.

Cash with order. 500 at 1000 rate.

FRANK OECHSLIN. 4911 W. Quincy Street, CHICAGO, ILL.

Mention The Review when you write.

GERANIUMS

We have a few thousand plants of Geranium "Decorator," the improved Ricard, which we would like to move right away. Fine young plants propagated from top cuttings and well established in 2-inch pots. $2.50 per 100; $22.50 per 1000.

We are still booking orders for March delivery on St. Nicholas, the finest scarlet carnation in sight. $12.00 per 100; $100.00 per 1000.

BAUR & STEINKAMP

Carnation Breeders Indianapolis, Ind.

Mention The Review when you write

NEW FORCING

HYDRANGEA

Arborescens Grandiflora Alba, or "Hills of Snow." Now is the time to buy and pot up for Decoration Day sales.

1 year field-grown, 2 to 3 canes, $1.25 per doz.; $7.00 per 100; $75.00 per 1000.

3 year field-grown, 5 to 8 canes, $3.00 per doz.; $23.50 per 100; $225.00 per 1000.

3 year field-grown, 10 to 14 canes, $4.50 per doz.; $35.00 per 100; $300.00 per 1000.

1 year field-grown, for lining out, $5.00 per 100; $45.00 per 1000.

Our new Trade List of everything you need mailed on application. Write for it today.

The Good & Reese Co.

The Largest Rose Growers in the World

Springfield, Ohio

Mention The Review when you write

Asparagus, plumosus and Sprengeri, 3-in. pots, $4.00 per 100.

Daisy Mrs. F. Sander, new; 2½-in. pots, $5.00 per 100.

Ivy, hardy English, 4-in. pots, $1.00 per doz.; 3-in. pots, $4.00 per 100.

Passiflora, coerulea and Pfordtii, 3-in. pots $4.00 per 100; 2½-in. pots, $3.00 per 100.

Geraniums, Rose and Nutmeg, 3-in. pots, $3.00 per 100.

Clematis, large flowering varieties, red, white and blue; 3-in. pots, $2.00 per doz.; extra strong, 6-in. pots, $3.00 per doz.

Daisies, Paris, white and yellow, 3-in. pots, $3.00 per 100.

Smilax, 3-in. pots, $4.00 per 100.

Swainsona alba, 2½-in. pots, $3.00 per 100.

Stock from 2½-in. pots, $2.50 per 100:

Abutilon Savitzii, blue Heliotrope, Cupheas, Asparagus Sprengeri, blue Ageratum, Rose and Nutmeg Geranium, Salvia Bonfire, double giant Alyssum, single blue Lobelia.

Rooted Cuttings, $1.00 per 100 by mail prepaid:

Fuchsia, 4 varieties; Salvia Bonfire, Parlor Ivy, hardy English Ivy, Cuphea, Ageratum, Rosemary, Euonymus, golden variegated; Santolina, single blue Lobelia.

C. EISELE

11th & Westmoreland Sts., Philadelphia, Pa.

Mention The Review when you write

ROOTED CUTTINGS

Begonias, flowering kinds, $1.75 per 100.
Verbenas, 70c per 100; $6.00 per 1000.
Pelargoniums, $2.50 per 100.
Ageratums, 60c per 100; $5.00 per 1000.
Daisies and Salvias, $1 per 100; $8 per 1000.
Petunias, $1.25 per 100; $10.00 per 1000.
Coleus, 70c per 100; $6.00 per 1000.
Feverfew, true Little Gem (no dog fennel), $1.00 per 100; $9.00 per 1000.

All good varieties and named.
Express paid on all rooted cuttings.
Cash with order.

S. D. BRANT, Clay Center, Kan.

Mention The Review when you write.



"FAIRY QUEEN"

New early pompon.

Deep shell pink, of round form, and medium size.

Awarded Certificate by Chrysanthemum Society of America.

March delivery.

$2.50 per dozen; $15.00 per 100

HARTJE & ELDER

R. F. D. No. 29

INDIANAPOLIS, IND.

Mention The Review when you write.

Miller's Giant Obconicas

FOR EASTER, coming in bud and bloom, fine for cut. Strong, 3-in., $5.00 per 100; 4-in., $7.00 per 100.

Cinerarias, the largest flowering, fine shades; large 3-in., $3.50 per 100.

Asparagus Plumosus, strong, 3-in., $3.00 per 100.

Kewensis Primrose, for cut and pot plants, sweet scented, 3-in., $4.00 per 100.

Mme. Salleroi Geranium, fine 2-in., $2.00 per 100.

Pelargoniums, fine 3-in., $5.00 per 100.

Shamrocks, the genuine green; extra fine plants, 2-in., $3.00 per 100.

These are well grown plants and will please you.

Cash, please.

J. W. MILLER, Shiremanstown, Pa.

Mention The Review when you write.

ANTON SCHULTHEIS, College Point, L. I.

Headquarters for

DECORATIVE and FLOWERING PLANTS

Mention The Review when you write.

The New Carnation, BROOKLYN

A Reincarnation of the Old William Scott, but embodying additional and more important qualities

A beautiful Deep Pink after the style of the old William Scott, lighter than Lawson, grand under artificial light. Highly built-up center, petals fringed, habit of growth all that could be desired. Very easy propagator, fastest growth of any Carnation. Flowers 3-in. and larger. **Preliminary scoring, New York Florists' Club, 86 points. "Certificate of Merit" Horticultural Society of New York. TO BE DISSEMINATED 1911-1912.**

ROOTED CUTTINGS, ready now, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate.

Charles Weber
GROWER
Lynbrook, Long Island, **New York**

R. G. WILSON
Fulton Street and Greene Avenue
BROOKLYN, N. Y.

CHAS. H. TOTTY
Madison, N. J.

Mention The Review when you write

Easter Price List

OF PLANTS NOW READY.
Copy mailed on application.

NEPHROLEPIS

Scottii, Whitmani, Bostoniensis, Piersoni 5-inch, 25c each; 6-inch, 50c each; 7-inch, 75c each; 8-inch, $1.00 each.
Large plants .....$1.50 to $3.00 each

CIBOTIUM SCHIEDEI

7-inch $2.00
9-inch 5.00
10-inch tub 7.50

PALMS

Areca-Lutescens, 3-inch, 15c; 4-inch, 25c; 6-inch, $1.00; 9-inch, $5.00; 10-inch tub, $6.00.
Latania Borbonica, 4-inch, 20c; 5-inch, 30c.
Kentia Forsteriana—
4-inch pots .....$25.00 and $35.00 per 100
5-inch pots ..... 50.00 and 75.00 per 100
6-inch pots ..... 1.00 each
7-inch pots ..... 2.50 each. Fine plants.
Kentia Forsteriana—
Combination.....$3.00 to $15.00 each
Kentia Belmoreana—
3-inch pots .....$18.00 per 100
4-inch pots .....$25.00 and 35.00 per 100
5-inch pots ..... 50.00 and 75.00 per 100
Kentia Belmoreana—
Larger plants.....from $2.50 to $10.00 each
Cocos Weddelliana, 2½-inch pots..$15.00 per 100

FICUS PANDURATA

5-inch $0.75
6-inch 1.50
8-inch 3.00

FICUS ELASTICA

4-inch $0.25
5-inch ..... .40
6-inch .....50c and .75

DRACAENA MASSANGEANA

5-inch $1.00
6-inch 1.50
7-inch 2.50
8-inch 3.00

DRACAENA TERMINALIS

4-inch $0.35
5-inch ..... .50

DRACAENA LORD WOLSELEY

4-inch $0.50
5-inch ..... .75

PANDANUS VEITCHII

4-inch $0.50
5-inch ..... .75
6-inch 1.00
7-inch 1.50
8-inch 2.00

ASPIDISTRAS

Variegated, 5-inch, strong.....$1.25
Green, 6-inch, strong..... 1.00

ARAUCARIAS

Compacta, 5-inch $1.25
Compacta, 6-inch 1.75
Excelsa, 5-inch ..... .50
Excelsa, 6-inch .....75c and 1.00

ASPARAGUS SPRENGERI

2¼-inch.....$3.00 per 100

ASPARAGUS PLUMOSUS

2¼-inch $0.04

CINERARIAS

4-inch $0.15
5-inch ..... .25

HYACINTHS

In pots.....each, $0.10

TULIPS

Two in a pot.....$0.10
Four in a pot..... .20

VINCA

Rosea, Rosea Alba, Alba, 2¼-in....$2.50 per 100

JOHN BADER CO.
1826 Rialto St., N. S., PITTSBURGH, PA
Mention The Review when you write.

ROSES

	GRAFTED		OWN ROOT	
	Per 100	1000	Per 100	1000
Double White Killarney (Reuter's Strain)	....	.....	$25.00	$200.00
Lady Hillingdon	$25.00	$200.00	20.00	150.00
Rose Queen	20.00	150.00	15.00	100.00
Double Pink Killarney	.....	.....	15.00	100.00
Mrs. Taft	18.00	150.00	8.00	70.00
Melody	.....	.....	12.00	100.00
White Killarney, Pink Killarney and Richmond	.....	.....	7.00	60.00
Maryland	.....	.....	7.00	60.00

Our stock is grafted on English Manetti and is especially strong and clean. It is heavily rooted and as good as can be produced. Write for special prices on large quantities.

CARNATIONS

ROOTED CUTTINGS

	Per 100	1000		Per 100	1000
White Wonder	$6.00	$50.00	Bonfire	$6.00	$50.00
Gloriosa	6.00	50.00	Mrs. C. W. Ward	3.50	30.00
Washington	6.00	50.00			
White Enchantress, White Perfection, May Day, Afterglow, Winsor, Beacon, Ruby and Conquest				3.00	25.00

New Double Marguerite, Mrs. F. Sander

A good variety, very free and an easy grower. Strong plants, 2-in. pots, $5.00 per 100; $40.00 per 1000.

S. J. REUTER & SON, Inc., Westerly, R. I.

Mention The Review when you write.

YOU WHO WANT

Early Cuttings

Place your orders and get

IMMEDIATE DELIVERY

	Per 100	Per 1000
Enchantress, White Enchantress, Beacon	$3.00	$25.00
Gloriosa, White Wonder	6.00	50.00
Dorothy Gordon	$4.00 per 100;	$35.00 per 1000
Perfection	3.50 per 100;	30.00 per 1000
Winsor	2.50 per 100;	20.00 per 1000
Rose-pink Enchantress	2.50 per 100;	20.00 per 1000

For MUMS see classified advertisement.

J. D. Thompson Carnation Co., Joliet, Ill.

Mention The Review when you write.

MITCHELL, S. D.

February 1 one of the city's largest industries, the Mitchell Greenhouses and Nurseries, was converted from a private partnership into an incorporated business. The greater portion of the stock has been distributed among Mitchell people and the organization has now been completed by the election of directors and officers.

The following stockholders were elected directors: C. E. Newbury, S. E. Morris, Lewis Shuster, W. W. Reams and Ernest F. McKillips. C. E. Newbury was elected president and general manager, Ernest F. McKillips, vice-president and treasurer, and W. W. Reams, secretary.

The reorganization of the enterprise was through the efforts of Ernest F. McKillips and W. W. Reams. The Newburys capitalized their business recently at $100,000, and the new promoters of the plant issued stock to the amount of $75,000, of which they hold $28,000.

With only twelve city lots with which to lay the foundation of this present business, the Newburys have steadily grown, until now there are 100 acres, with 55,000 square feet of glass covering twenty-one greenhouses, making it the largest horticultural establishment in the Dakotas. It has the largest heating plant in the city, and a complete water system of its own, operated by electric pumps.

Beginning with a small local trade, the Newburys not only cover the whole state with their shipments of flowers, but ship into all of the northwestern states. Not only this, but they wholesale greenhouse stock in every state in the Union.

The nursery department has developed even faster than the greenhouses and they now ship all kinds of nursery stock within a radius of hundreds of miles. The nursery department now not only does a retail but a wholesale business.

West Park, N. Y.—Andrew Mason, superintendent of Col. O. H. Payne's estate, has the new range, recently erected by Lord & Burnham Co., in good running order. He expects to build a wall garden for fruit trees this summer.

Every grower who has found a profit in Golden Glow mums will want to try

SMITH'S ADVANCE

the earliest white. We are supplying stock from a grower who made a great success with it. Rooted cuttings, 75c dozen; $5.00 per 100. From 2¼-in. pots, $1.25 dozen; $8.00 per 100.

100 rate on lots of 25 or more.

GROWERS:—Write us about your needs in Carnation Cuttings. Our connections with the best growers everywhere make it possible for us to supply stock of best quality.

A. L. RANDALL CO.

66 E. Randolph St., CHICAGO

Mention The Review when you write.

F. S. SMITH

Mrs. F. Sander Daisy, 2-in.....$5.00 per 100
Geraniums—Castellane, S.A. Nutt, J. Viaud, Marvel, 2-in., $2.50 per 100

330 W. 38th St., Indianapolis, Ind.

Mention The Review when you write.

LEMONS

A new definition—
"Better For Less"

	Per 100	1000
Killarney, strong 2-inch	$4.00	$35.00
White Killarney, strong 2-inch	4.00	35.00
Carnation Bonfire, best all-round red	5.00	40.00
Carnation White Wonder, best all-round white	5.00	40.00
Calla Godfrey, freest of all	4.00	35 00
Salvia Boule de Feu, earliest and best	3.00	25.00

Sweet Alyssum, Cuphea, Ageratum, Abutilon, Coleus, Alternanthera, and many other plants for the retail florist. Send us your orders.

FRED H. LEMON & CO., Richmond, Ind.

Mention The Review when you write.

CHRYSANTHEMUMS

A PINK GARZA (Mary Colladay)

A seedling of Garza, with habit of parent; in color, a rich rose lavender pink. Extremely free and of excellent keeping qualities. Whether grown for pot plants or for cuttings, it is equally adaptable. Do not disbud.

35 cents each; $4.00 per dozen; $25.00 per hundred

HARDY CHRYSANTHEMUMS

Send a card for our list of a selected collection, with prices.

THE STRAFFORD FLOWER FARM, STRAFFORD, PA.

Mention The Review when you write.

Booking Orders NOW for

HELEN NEWBERRY

The Fine Late White Pompon Chrysanthemum

DELIVERY MARCH 1, 1912—ORDERS FILLED IN ROTATION

Prices

100 for $15.00 50 for $7.50 25 for $5.00 12 for $3.00

Send orders to

FRED PAUTKE
Grosse Pointe, Mich.

OR

FRED BREITMEYER
Mt. Clemens, Mich.

Mention The Review when you write.

Chrysanthemums and Aster Seed

Elmer D. Smith & Co., Adrian, Mich.

Mention The Review when you write

Azalea Vervaeneana

In bud and bloom. For decorative purposes.

50c, 75c, $1.00, $1.25 to $1.50.

GODFREY ASCHMANN

1012 W Ontario St., PHILADELPHIA, PA.

CHAS. D. BALL

GROWER OF

PALMS, ETC.

Send for Price List

HOLMESBURG, : PHILADELPHIA, PA.

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Julius Roehrs Co.

RUTHERFORD, N. J.

Palms, Plants, Orchids, Etc.

Send for Price List.

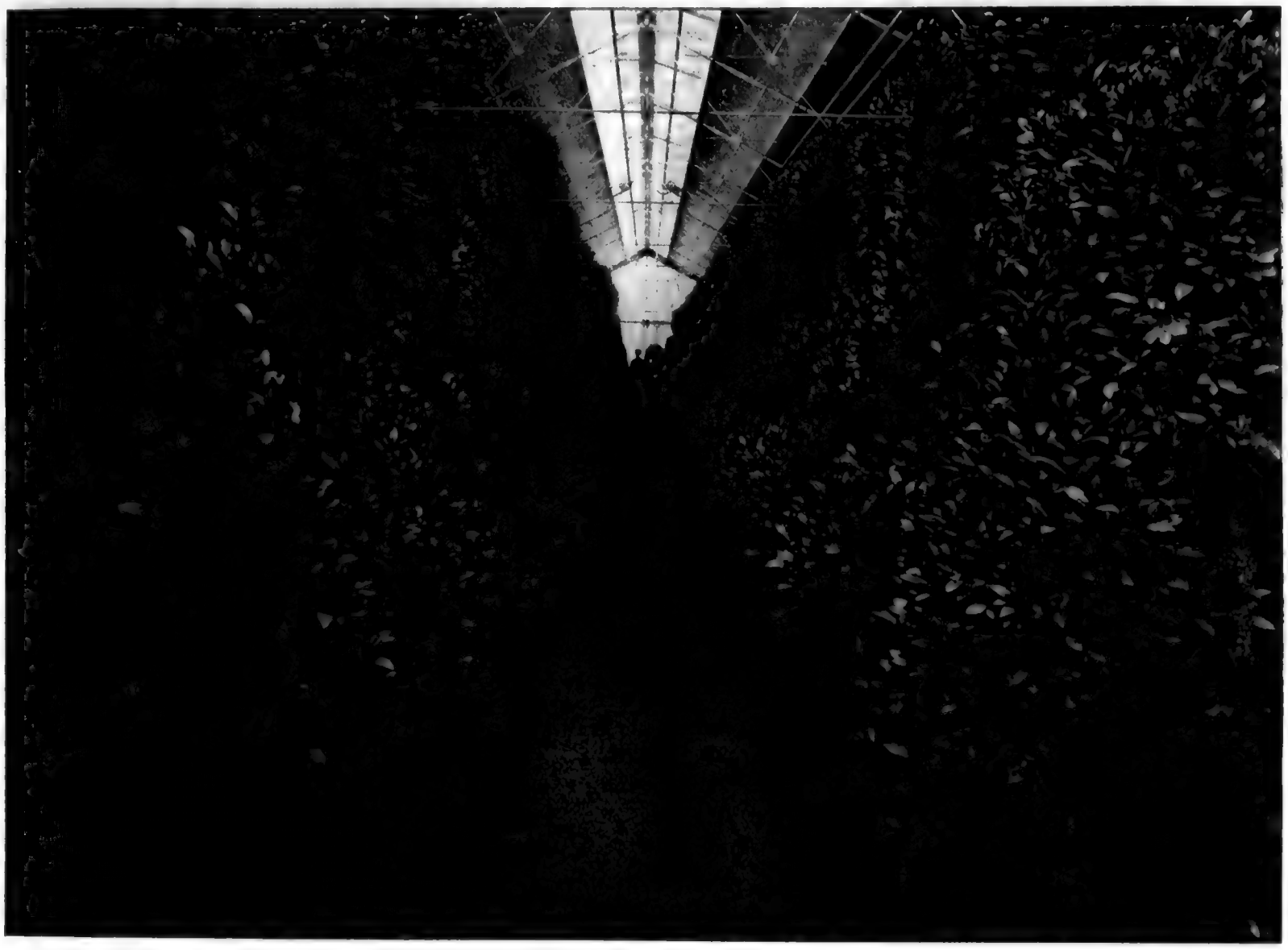
NOTICE

To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the continent of Europe: Your best means of doing this is to take in the

Horticultural Advertiser

Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade.

A. & C. Pearson, Lowdham, Nottingham, Eng.



The above illustration shows Bay Trees now in stock at our Riverview Nursery.

We are in position to supply on short notice, from stock on hand, the following sizes of Bay Trees, in stock of prime quality and good values:

Standard or Tree-Shaped	Each
Stems about 24-in. high, crowns, 15-in. diam.	$ 2.00
Stems about 30-in. high, crowns, 18-in. diam.	4.00
Stems about 36-in. high, crowns, 24 to 26 in. diam.	6.00
Stems about 45-in. high, crowns, 24 to 26-in. diam.	6.00
Stems about 45-in. high, crowns, 26 to 28-in. diam.	7.50
Stems about 45-in. high, crowns, 30 to 32-in. diam.	10.00
Stems about 45-in. high, crowns, 34 to 36-in. diam.	12.50
Stems about 45-in. high, crowns, 40 to 42-in. diam.	15.00

Pyramidal-Shaped		Each
3 feet high,	16 inches diameter at base	$ 2.50
4½ feet high,	24 to 26 inches diameter at base	6.00
5 feet high,	26 to 28 inches diameter at base	7.50
6 feet high,	30 inches diameter at base	10.00
6 feet high,	32 to 34 inches diameter at base	12.50
7 feet high,	38 to 40 inches diameter at base	15.00

If you are interested in Bay Trees for spring delivery and care to place advance import orders now, write us for our special import Bay Tree Catalogue; it will save you money if you can anticipate your wants.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

The above prices are intended for the trade only.

Mention The Review when you write.

FERNS AND ASPARAGUS

Nephrolepis Whitmani, Scottii and **Bostoniensis,** 6-in. pots, 35c each; 7-in., 75c each.

Asparagus Plumosus, 3-in., $5.00 per 100.

Cash with order.

ASCHMANN BROS.

Second and Bristol Sts., PHILADELPHIA

Mention The Review when you write.

Asparagus Plumosus Seedlings

$1.00 per 100; $7.50 per 1000.

COLLINGDALE GREENHOUSES
COLLINGDALE, PA.

Always Mention the...
FLORISTS' REVIEW
When Writing Advertisers

CHOICE FERNS

FINE STOCK FOR IMMEDIATE SHIPMENT

Nephrolepis Giatrasii (the improved Scottii fern), 6-in., 75c each; 8-in. $1.50 each; 10-in., extra fine specimens, $3.00 to $5.00 each.
Nephrolepis Harrisii, 10-in., fine specimens, $3.00 to $5.00 each.
Nephrolepis Bostoniensis and Piersoni, 8-in., $1.00 and $1.50 each; 10-in., $3.00 and $4.00 each.
Nephrolepis Scottii, 6-in., 50c each; 8-in., $1.00 each; 10-in., $2.50 each.
Nephrolepis Elegantissima, 8-in., $1.00 and $1.50 each; 12-in., $5.00 and $7.50 each.
Nephrolepis Superbissima, 10-in., $3.00 each.
Nephrolepis Viridissima, 3½-in., 25c each; 6-in., 50c and 75c each; 8-in., $1.00 each; 10-in., $3.00 each
Nephrolepis Magnifica and Elegantissima Compacta, 3½-in., 25c each.

F. R. PIERSON CO., Tarrytown-on-Hudson, NEW YORK

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FLORISTS' REVIEW
When Writing Advertisers

BOWLING

AT CHICAGO.

The Chicago bowlers made the following scores February 21:

Violets.	1st	2d	3d	Orchids.	1st	2d	3d
Schlossman	137	141	166	A. Huebner.	130	130	108
Simon	143	156	153	Graff	168	133	153
Bernies	169	150	175	Krauss	181	159	168
O'Neil	128	110	80	Farley	147	191	169
Van Gelder.	149	129	151	J. Huebner.	192	166	161
Totals	726	695	725	Totals	818	779	759

Carnations.	1st	2d	3d	Roses.	1st	2d	3d
Lorman	150	122	158	Winterson.	114	128	106
Ayers	160	170	129	Stack	126	148	146
Schultz	124	182	174	Welch	125	142	95
Balluff	153	169	149	W. Wolf	145	169	177
Zech	168	167	158	Fischer	168	189	164
Totals	755	810	768	Totals	678	776	688

AT MILWAUKEE.

The Milwaukee Florists' Bowling Club scores for February 20 were:

Player.	1st	2d	3d
G. Pohl	176	182	132
C. Gutbrod	179	155	146
A. Kellner	180	172	182
G. Hunkel	117	120	136
A. Hare	112	135	118
L. Manus	101	156	112
N. Zweifel	140	169	123
G. Rusch	144	158	193
A. Leidiger	119	135	180
W. Halliday	164	134	160
E. Oestreicher	118	93	82
R. Leitz	..	94	105
R. Currie	..	150	125

E. O.

LENOX, MASS.

The Lenox Horticultural Society held a special meeting February 17, for the purpose of revising and adopting a schedule for the summer exhibition, to be held August 21 and 22. The schedule is still in the hands of the committee, but they hope soon to have it printed, for all concerned are most interested in the coming show, as it touches on nearly every branch of horticulture and is especially strong in the vegetable classes. So, with the liberal amount of cups and medals and money prizes offered, it is to be hoped that Providence will grant a good season and that we shall have a record show. W. H.

North Baltimore, O.—On account of the health of Mrs. Keller, C. A. Keller plans to dispose of the Keller Floral Co. and remove to a more congenial climate.

Down—Down—Down



they go for a short time. Our Verbenas are the finest in the land, 60c per 100; $5.00 per 1000. Fuchsias, the best named varieties, $1.00 per 100; $9.00 per 1000. Coleus, all the finest select named varieties, 70c per 100; $6.00 per 1000. Alternantheras, red and yellow, very strong, 60c per 100; $5.00 per 1000. Sweet Alyssum, our big double giant, 80c per 100; $6.00 per 1000. Daisy, White California, $1.00 per 100; $8.00 per 1000. Vincas, rooted cuttings, very strong, $1.00 per 100; $8.00 per 1000. Salvias, Bonfire and St. Louis, the leading varieties, 80c per 100; $7.00 per 1000. Feverfew, Little Gem, large, fine, double flowers, the best of all, $1.00 per 100; $9.00 per 1000. Swainsonas, $1.25 per 100. Mme. Salleroi Geraniums, $1.25 per 100. Express prepaid on all rooted cuttings. Satisfaction guaranteed to all parts of the United States.

C. HUMFELD, Clay Center, Kan.

THE ROOTED CUTTING SPECIALIST

Mention The Review when you write.

EASTER IS COMING SOON

Araucarias Our Specialty



No Arguments Needed

For Easter Day, next Easter Day,
Come fill your benches right away.
The Palms will grow, Azaleas bloom
Best in your house if purchased soon.

The Araucarias that I sell
Will dollars grow if treated well,
And all my Lilies healthy are,
Without one sickly leaf to mar.

What do you need for Easter Day?
Bulbs, Ferns, whatever else you say—
I've everything the people need,
All growing strong as any weed.

And oh, the beauty of them all,
The best of earth, both large and small!
Why, Godfrey Aschmann leader stands,
With all that's good from many lands.

We have an immense stock of **EASTER AZALEAS,** blooming at Easter or before. **Mme. Vander Cruyssen,** double pink; **Simon Mardner,** double pink; **Deutsche Perle,** double white; **Niobe,** double white; **Helene Theleman, Professeur Wolters, Vervaeneana,** double variegated; **Apollo,** red, and others, 75c, $1.00, $1.25, $1.50 to $2.00. **Vervaeneana, Simon Mardner, Deutsche Perle,** nearly in bloom, 75c to $1.00.

NOTICE

We have the finest **LILIUM MULTIFLORUM** in the market. All the Dutch and Belgian drummers, who visit all the noted growers in this country, say: **"These are the best lilies we have ever seen in all our journey."** No wonder we paid our growers in Japan $95.00 for selected 9-10 bulbs. The best is always the cheaper—this our motto. We offer them in 6-in. pots, 5 to 10 buds to a plant, 10c per bud; plants under 5 buds, 12c per bud. Plants have good foliage from bottom up, are of medium height, and the buds are just right for Easter sales.

We have to offer, in prime condition, a large stock of **ARAUCARIA EXCELSA,** 5½, 6 and 7-in, 4, 5, 6 to 7 tiers, 18, 20, 28, 30 to 40 in. high, 50c up to $1.25; **ROBUSTA COMPACTA, EXCELSA GLAUCA,** $1.00 up to $2.00.

FERNS.—SCOTTII, WHITMANI, BOSTON, SCHOLZELI and **GIATRASII,** 5½, 6 and 7-inch sizes, 35c, 40c, 50c, 75c to $1.00.

RUBBER PLANTS, 6 and 7-in. pots, 25 to 35 in. high, 35c, 40c, 50c, 75c to $1.00.

20,000 ASPARAGUS PLUMOSUS, 2½, 3 and 4-in., 3c, 5c and 10c; **SPRENGERI,** 4-in., 10c.

KENTIAS, BELMOREANA AND FORSTERIANA, single, 5½ to 6-in. pots, 25, 30 to 40 in. high, 50c, 75c, $1.00, $1.25, $1.50 to $2.00. **KENTIA BELMOREANA,** made up, 60c, 75c to $1.00.

LATANIA BORBONICA, 7-in., 30 to 35 in. high, 8 leaves, 75c to $1.00; made up, 6-in., 30 in. high, 50c.

ARECA LUTESCENS, 4-in., made up of 3 plants, 15c, 25c; 5¼ in., 25c.

COCOS WEDDELLIANA, 3-in., 15c; 4-in., 20c.

PRIMULA CHINENSIS, in bloom. 4-in., 10c; 5¼-in., $2.00 per doz.

CINERARIA HYBRIDA, our well known strain, 5½ to 6-in. pots, in bud and bloom and for Easter sales, 25c, 35c, 50c and 75c; 4-in., to grow for Easter, 10c; 3-in., 5c.

GODFREY ASCHMANN, 1012 W. Ontario St., Philadelphia, Pa.

WATCH FOR OUR LARGE EASTER DISPLAY AD.

Mention The Review when you write.

STOCK ALWAYS NEEDED

Fern Dish Ferns, assorted, $3.00 per 100; $25.00 per 1000.

Aspidium Tsussimense and Cyrtomium Falcatum, $3.50 per 100; $30.00 per 1000.

Asparagus Plumosus, 2½-in., $3.00 per 100; $25.00 per 1000.

Asparagus Sprengeri, 2½-in., $2.50 per 100; $22.00 per 1000.

Pandanus Utilis, 3-in., $10.00 per 100; 4-in., $20.00 per 100.

Cocos Weddelliana, 2½-in., $10.00 per 100.

Anthericum Variegatum, 4-in., strong, $8.00 per 100.

Rhododendron, special forcing varieties, 8 to 12 buds, 18 in. high, 75c each; 12 to 14 buds, 24 in. high, $1.00 each. Bright colored sorts with perfect foliage.

Azalea Mollis, easily forced, 12 to 15 in. high, full of buds, 25c each; 15 to 18 in. high, full of buds, 35c each.

Kentia Belmoreana, 6-in. pots, 5 to 6 leaves, 24 in. high, $1.00 each; 7-in. pots, 6 leaves, 24 to 26 in. high, $1.50 each.

Kentia Forsteriana, 7-in. pots, 40 to 44 in. high, 5 to 6 leaves, $2.50 each; 8-in. pots, 44 to 48 in. high, 5 to 6 leaves, $3.50 each.

BEDDING STOCK.

You will want to start soon.

Heliotropes. Czar, Czarina, Jersey Beauty, etc., $2.50 per 100.

Coleus—Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.

Croton Aurea Maculata—3-in. pot plants, $8.00 per 100.

English Ivy—Strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.

Violet—Hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000.

Swainsona Alba, 2½-in., $4.00 per 100.

Violet Swanley White, $3.00 per 100.

Geranium Mme. Salleroi, strong 2¼-in., $2.50 per 100.

Dahlias, whole roots, good cut flower sorts, our selection of varieties, $5.00 per 100.

Cannas, strong two and three eyes, fresh divisions. Souv. d'A. Crozy, Florence Vaughan, Mrs. Kate Gray, Gladiator, $2.50 per 100; $20.00 per 1000.

Black Beauty, $4.00 per 100; $30.00 per 1000.

Venus (Grand Pink), $5.00 per 100.

Indiana, Orange colored, giant orchid flowered, $7.00 per 100.

See catalogue No. 5 for complete list.

THE STORRS & HARRISON CO.,

Painesville, Ohio.

ALWAYS MENTION THE FLORISTS' REVIEW WHEN WRITING ADVERTISERS

EASTER LILIES and HYDRANGEAS

FOR EASTER

LILIES, ready to ship now, 12½c per bud.

HYDRANGEAS, 6-in. pots, 4, 6 and 8 heads, at 12½c per head for one week.

HYDRANGEAS, 7 and 8-in. pots, 6 to 20 heads, at 12½c per head for one week.

OTHER STOCK

Azaleas, 75c, $1.00, $1.25 and $1.50.
Spiraeas, 35c, 50c and 75c.
Deutzias, 25c.
Baby Rambler Roses, 6-in., 50c and 75c.
Baby Rambler Roses, 4-in., red, pink and white, 25c and 35c.
Primroses, Chinese and Obconica, 3 and 4-in., fine.
Cyclamen, 4-in., fine. **Cinerarias,** 4 and 5-in.
Hyacinths, 4 and 5-in. **Tulips,** 5 and 6-in.
Narcissus, 5 and 6-in.

ROSES, R. C. and 2½-in.; ask for list.
FERNS—35,000—ask for list,
GERANIUMS and all soft-wooded stock; ask for list.

GEO. A. KUHL

WHOLESALE GROWER

PEKIN, .·. ILLINOIS

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CYCLAMENS

YOU NEED CYCLAMENS and we have them in fine shape, 4-in., 5-in. and 6-in., from 15c to 50c each,

150,000 GIANT CYCLAMEN SEEDLINGS.

We claim the finest commercial strain in this country. Mr. A. Hange, Birmingham, Ala., says, "I planted 100 of your seedlings last year (1910) in comparison with 2500 from so-called unrivaled, high-priced English strains, but yours outgrew them." Transplanted August seedlings, $3.00 per 100; $25.00 per 1000.

GODFREY CALLAS bring 3 flowers to 1 of the common, and bloom from 3-in. pots; 3-in., $6.00 per 100.

Cash with order.

C. WINTERICH

Cyclamen Specialist, Defiance, Ohio

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ORCHIDS

OUR FIRST COLLECTIONS COME IN APRIL

Cattleya Labiata
Cattleya Percivaliana
Cattleya Trianae
Cattleya Schroederae
Cattleya Mendelii
Cattleya Gaskelliana
Cattleya Mossiae
Cattleya Speciosissima

Have you placed your order?

Send for Catalogue.

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ORCHIDS

CALANTHE VEITCHII, dormant bulbs. We beg to offer a fine lot of these for potting this spring; no Orchid pays better to grow for cut flowers. Also a number of rarer kinds of Calanthes. Write for prices.

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I will book orders for the coming spring. Best commercial varieties, freshly imported.

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Care of Maitus & Ware, 14 Stone St., NEW YORK

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Heacock's Palms and Ferns

HOME-GROWN—STRONG AND HEALTHY

Our Palm sales increased more than 44% during the year 1911 over the sales of the previous year. We are strong on the following sizes:

Areca Lutescens

	Plants	Height	Each
9-in. cedar tub.	Several in tub.	5 ft.	$7.50

Kentia Belmoreana

	Leaves	Height	Each	Doz.
2½-in. pot	4	8 to 10 in.		$ 1.50
3-in. pot	5	12 in.		2.00
5-in. pot	6 to 7	18 in.	$0.50	6.00
6-in. pot	6 to 7	24 in.	1.00	12.00
7-in. cedar tub.	6 to 7	34 to 36 in.	2.50	30.00
7 in. cedar tub.	6 to 7	36 to 38 in.	3.00	36.00
9-in. cedar tub.	6 to 7	40 to 45 in.	4.00	48.00
9-in. cedar tub.	6 to 7	42 to 48 in.	5.00	
9-in. cedar tub.	6 to 7	48 to 54 in.	6.00	

Cocos Weddelliana

		Per 100
2½-in. pot,	8 to 10 in. high	$10.00

Made-up Kentia Forsteriana

	Height	Each	Doz.
7-in. cedar tub, 4 plants	36 in	$2.50	$30.00
7-in. cedar tub, 4 plants	36 to 40 in.	3.00	36.00
9-in. cedar tub, 4 plants	40 to 42 in.	4.00	48.00
9-in. cedar tub, 4 plants	42 to 48 in.	5.00	60.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
6-in. pot, 18 to 20-in. spread	1.50
7-in. cedar tub, 18 in. high, 24-in. spread	2.00

Cibotium Schiedei

9-in. cedar tub, 4-ft. spread	4.00
9-in. cedar tub, 5-ft. spread	5.00
9-in. cedar tub, 5 to 6-ft. spread	6.00

Joseph Heacock Co., Wyncote, Pa.

Railway Station, JENKINTOWN

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Select division, packed 250 in a box, which are sold at 1000 rate.

	100	1000
Florence Vaughan	$2.00	$15.00
Jean Tissot	2.00	15.00
Pennsylvania	2.00	15.00
Queen Charlotte	3.00	20.00
Uncle Sam	3.00	20.00
J. D. Eisele	2.00	15.00
Louisiana	2 00	15.00
Patria	2.00	15.00
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in 2½-inch, to be disposed of at once to make room; they are strong and healthy plants and if taken at once will close out at $2.00 per 100.

We have also about **800** 3½-inch **DRACAENA INDIVISA,** that we are offering at $6.00 per 100; and about **400 DRACAENA INDIVISA,** in 2½-inch, ready for 3½-inch, that we will close at $3.50, if taken at once.

The Meredith Flower & Vegetable Co., LIBERTYVILLE, ILL.

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The C. W. BROWNELL CO.

WALDEN, N. Y.

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Achyranthes Lindenii and Emersonii. Rooted cuttings, $1.00 per 100; 2½-in., 2½c. Cash.
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Ageratum Inimitable, undoubtedly the best and dwarfest of all large blooming ageratums. Rooted cuttings, $1.00 per 100; $7.50 per 1000. Try and be convinced.
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ALTERNANTHERAS.
Good, strong, well rooted cuttings.

	100	1000
P. major (red)	$0.50	$4.00
A. nana (yellow)	.50	4.00
Brilliantissima (best red)	.60	5.00

Place your orders early.
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ALTERNANTHERAS.
Strong, well rooted cuttings, the kind that will please you.
P. major, red.....50c 100; $4.00 1000
A. nana, yellow.....50c 100; 4.00 1000
Brilliantissima 60c 100; 5.00 1000
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Red and yellow alternantheras, $4.00 per 1000.
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Alyssum, double giant, 2¼-in., 2c. Rooted cuttings, 50c per 100, $4.00 per 1000; if by mail 10c per 100 extra. Cash.
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AMPELOPSIS.

Ampelopsis quinquefolia (woodbine). Long tops, nice roots, $9.00 per 100.
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Anthericum variegatum, 4-in., strong, $8.00 per 100. Storrs & Harrison Co., Painesville, O.

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Water plants of all descriptions. Cabomba (fish grass), $15.00 per 100 lbs.; less than 10 lbs., 25c per lb.
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500 araucarias, 5-in., 4 to 5 tiers, 60c; 5 to 6 tiers, 75c. Worth more.
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Artillery plants, $5.00 per 1000.
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BEFORE YOU BUY
SPRENGERI
WRITE US.
We have nice 3 and 4-in., which we will sell at a sacrifice; also seedlings.
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Asparagus plumosus, big, strong plants, 2½-in., $4.00 per 100, $35.00 per 1000; 3-in., $6.00 per 100, $50.00 per 1000. A. Sprengeri, 3-in., $4.00 per 100; $35.00 per 1000.
S. S. PENNOCK-MEEHAN CO.,
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Asparagus plumosus nanus, from 2¼-in. pots, $2.50 per 100, $22.50 per 1000; 3-in. pots, $5.00 per 100, $45.00 per 1000. Cash with order, please.
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Asparagus plumosus. We have 50,000 of these to pick from, 2-in., $1.75 per 100, $15.00 per 1000; also 20,000 3-in., $4.00 per 100; $35.00 per 1000. Cash, please.
Reeser Plant Co., Springfield, O.

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NICE PLUMOSUS.
2-in., $2.50; 3-in., $5.00; 4-in., $12.00.
SPRENGERI.
2½-in., $2.50; 3-in., $5.00.
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Asparagus plumosus, strong 2½-in., $3.00 per 100; $25.00 per 1000.
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Asparagus Sprengeri, strong plants ready for shift at once, 2¼-in., $2.00 per 100, $17.00 per 1000; 3-in., $3.00 per 100. Cash, please.
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Asparagus plumosus seedlings from greenhouse grown seed, $10.00 per 1000; 2¼-in., $3.00 per 100, $25.00 per 1000.
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Asparagus plumosus, 2½-in., $3.00 per 100; $25.00 per 1000. Asparagus Sprengeri, 2½-in., $2.50 per 100; $22.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Asparagus plumosus, strong selected 2-in., $2.00; 2½-in., $3.00; 3-in., $5.00 per 100. A. Sprengeri, 2½-in., $2.00 per 100.
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2000 Asparagus plumosus, 3-in., nice, bushy plants, ready for a shift, $5.00 per 100. Send for sample. Cash with order.
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Asparagus Sprengeri, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
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Asparagus plumosus, large, strong, shapely plants, ready for 5-in. or for counter trade, they're extra good, 10c ea. Cash.
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Asparagus plumosus, 2½-in., strong, 3c; seedlings, fine, $1.00 100.
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500 A. plumosus, 3-in., heavy, 4c. 1000 A. Sprengeri, 3-in., heavy, 2½c. Cash.
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Asparagus Sprengeri, 3-in., bushy plants, $4.00 per 100. Cash with order.
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Asparagus Sprengeri, extra strong seedlings, $1.25 100; $12.00 1000.
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W. B. Girvin, Leola, Pa.

Asparagus Sprengeri, 2¼-in. pots, $2.00 100; 4-in., $8.00 100; 5-in., $15.00 100.
Willis W. Kinyon, South Bend, Ind.

Asparagus Sprengeri, 2-in., strong, $2.00 100. A. plumosus, 3-in., $4.00 100.
J. W. Ross Co., Centralia, Ill.

Asparagus plumosus out of 4-in. pots, $8.00 per 100. Asparagus Sprengeri out of 3-in., $4.00 per 100. Wm. Schwan & Son, Fredonia, N. Y.

Asparagus plumosus nanus, fine, bushy plants with many shoots coming, 4-in., 7c.
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Asparagus plumosus nanus, 2-in., 2c. Asparagus Sprengeri, 2-in., 2c.
U. G. Harglerode, Shippensburg, Pa.

Asparagus Sprengeri, strong transplanted seedlings, $1.50 per 100.
Russell Bros., R. 4, Syracuse, N. Y.

Asparagus Sprengeri, strong 2½-in. plants, $2.00 per 100.
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Asparagus plumosus, 3-in., 5c. Asparagus Sprengeri, 2¼-in., 2c. Great plants.
Hammerschmidt & Clark, Medina, Ohio.

Asparagus plumosus. Seedlings, 1c; strong 2-in., 2½c. A. Sprengeri, 2-in., 2c.
J. L. Schiller, Toledo, O.

Asp. pl. nanus, 3-in., $3.20 100. Cash.
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A. plumosus, extra fine stock, $2.50 per 100; $25.00 per 1000. Albert M. Herr, Lancaster, Pa.

Asparagus plumosus, 4-in., strong, 5c each.
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C. L. Humphrey, Zanesville, O.

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Asparagus Sprengeri, 4-in., 6c; 3-in., 3c.
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Asparagus plumosus, $2.00 per 100; $17.50 per 1000. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus, fine. See display adv.
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See under seeds. B. J. Passmore, Malvern, Pa.

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ASTER SEED, the finest florists' varieties, all types and colors.
ASTER PLANTS in more than 100 varieties—all of Vick's and all the novelties of other growers worth growing. Get our list and prices on large quantities.
NATIONAL CO-OPERATIVE SHOW GARDENS,
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Best quality seed. See display adv. for prices. Herbert & Fleishauer, McMinnville, Ore.

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AZALEAS FOR EASTER. We have them in fine shape for Easter blooming, all colors and full of buds, 50c, 75c and $1.00 each.
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Azalea mollis, easily forced, 12 to 15 in. high, full buds, 35c each; 15 to 18 in. high, full of buds, 35c each.
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Bay trees and box trees, all sizes.
Write for special list.
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Bay trees. Fine selection. Write for prices.
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BEGONIAS, READY MARCH 1.
Fine transplanted stock of
VERNON, SCARLET,
LUMINOSA, CRIMSON,
GRACILIS ROSEA, LIGHT PINK,
$1.25 per 100 by mail;
$8.00 per 1000 by express.
Cash with order.
PETER BROWN, LANCASTER, PA.

Begonia corallina Lucerna, grandest of all flowering begonias. Send for illustrated descriptive price list. Sample lot, 20 rooted cuttings, $1.00 postpaid.
Wm. Bierstadt & Son, Springfield, Ill.

Assorted blooming begonias, $2.50 per 100. Erfordii, 2½-in., $3.50 per 100; 2-in., $3.00 per 100; $25.00 per 1000; rooted cuttings, $1.50 per 100, $12.50 per 1000. Rex begonias, assorted, $4.00 per 100. N. O. Caswell, Delavan, Ill.

Begonia luminosa, fiery scarlet, fine for spring sales or bedding, 2-in., $2.50 per 100; $20.00 per 1000. Cash, please.
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Begonias, luminosa and Vernon, transplanted seedlings, $1.25 100. Erfordii all sold until March 15. Cash, please.
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Begonias, luminosa and rosea, strong 2-in., $2.00 per 100. These are plants not pots.
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Rex begonias, in variety, 2¼-in., 75c per doz., $5.00 per 100; strong rooted cuttings, $1.50 per 100. G. E. Fink, Kenilworth, N. J.

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Rex begonias, strong 2-in., fine varieties, 4c; $35.00 per 1000.
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REX BEGONIAS my specialty. Largest collection, $5.00 per 100.
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THE REVIEW CLASSIFIED ADVS.
ALWAYS PAY BEST.

Begonias, flowering, fine assortment, 2¼-in., 3c. Hammerschmidt & Clark, Medina, O.

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Birch, cut-leaf. Straight trees, well branched to the ground, per 100: 6 to 8 ft., $45.00; 8 to 10 ft. (1¼ to 1½-in. dia.), $65.00; 10 to 12 ft. (1½ to 1¾-in. dia.), $100.00; 12 to 14 ft. (1¾ to 2-in. dia.), $125.00.
Klehm's Nurseries, Arlington Heights, Ill.

BOUVARDIAS.

Fine bouvardia stock plants from bench for immediate shipment; colors, pink, white and red, $7.00 per 100; $60.00 per 1000. Cash with order or satisfactory reference.
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Bulbs of all descriptions. Write for catalogue and prices.
C. Keur & Sons, Hillegom, Holland,
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CALCEOLARIAS.

Good, strong, mixed Calceolaria hybrida, 2 and 2½-in. pots, 2c and 2½c. Cash.
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16,000 caladiums, guaranteed every eye perfect; mammoth, 10c; large, 6c; medium, 4c; small, 2c.
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Godfrey callas, 2-in., $2.50 per 100.
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CANNAS.

CANNA ROOTS.
Select divisions. Packed 250 in a box, which are sold at 1000 rate.

	100	1000
Florence Vaughan	$2.00	$15.00
Jean Tissot	2.00	15.00
Pennsylvania	2.00	15.00
Queen Charlotte	3.00	20.00
Uncle Sam	3.00	20.00
J. D. Eisele	2.00	15.00
Louisiana	2.00	15.00
Patria	2.00	15.00
Burbank	2.00	15.00
Richard Wallace	2.00	15.00

R. VINCENT, JR., & SONS CO.,
WHITE MARSH, MARYLAND.

Our stock is true to name, extra selected, plump and sound 2, 3 and 4-eye roots. Nothing better.

	100		100
Austria	$1.20	Louise, pink	$2.00
Allemania	1.20	Louisiana, crimson	1.50
Alsace, white	2.00	Mme. Crozy	2.25
Alph. Bouvier	1.75	M. Washington	2.25
B. Poitevine	2.00	Mont Blanc, white	5.00
Buttercup, new	2.25	Musafolia, new	1.50
Burbank	1.20	Mrs. K. Gray	1.50
Black Prince	2.25	Oscoda, new	2.50
Black Beauty	2.75	Pennsylvania	1.75
Brandywine, red leaf	2.25	Premier, gold edge	2.25
Chas. Henderson	1.70	Pres. Cleveland	2.00
Crimson Bedder	2.00	Pres. Meyers	2.50
D. Marlborough	1.75	Queen Charlotte	2.25
David Harum	2.00	Robusta, red leaf	1.50
Flor. Vaughan	1.75	Souv. d'A. Crozy	2.25
Gladiator, new	2.25	West Grove	1.80
Gloriosa, gold edge	2.00	Richard Wallace, yellow	2.25
Gladiolaeflora	2.00	Wyoming, new red leaf	2.25
Italia, extra	1.50		

All kinds, in separate colors or mixed, $1.00. Write for 1000 rate on larger lots.

CALADIUM ESCULENTUM.	Doz.	100	1000
6 to 8 in. circ.	$0.25	$1.75	$13.00
8 to 10 in. circ.	.50	3.50	30.00
10 to 12 in. circ.	.75	5.50	50.00

GLADIOLUS, America, Augusta, May, Mrs. Francis King, etc., $1.75 to $3.00 per 100.
See our full page adv. in Jan. 25 issue, page 3.
Shellroad Greenhouses, Grange, Baltimore, Md.

Cannas. Souv. d'A. Crozy, Florence Vaughan, Mrs. Kate Gray, Gladiator, $2.50 per 100; $20.00 per 1000. Black Beauty, $4.00 per 100; $30.00 per 1000. Venus (grand pink), $5.00 per 100. Indiana, orange colored, giant orchid flowered, $7.00 per 100. Strong 2 and 3 eye fresh divisions. See catalogue No. 5 for complete list.
Storrs & Harrison Co., Painesville, O.

Cannas. Richard Wallace, $2.50 per 100; $20.00 per 1000. King Humbert, $3.00 per 100. Pres. Meyer, $2.50 per 100. Florence Vaughan, Pennsylvania, Louisiana and J. D. Eisele, $1.50 per 100; $12.50 per 1000. One lot of 10,000 mixed, red flowered, green leaved, dwarf varieties, $10.00 per 1000.
Kenbrook Farm, Milford, Va.

Cannas, select 2 to 4 eye tubers. Beaute Poitevine, David Harum, Pres. Cleveland, Fleming, $2.00 per 100. Paul Marquant, Cinnabar, Mrs. G. A. Strohlein, $1.50 per 100. Robusta, Sec. Chabanne, $1.00 per 100. Mixed, fine assortment, 75c per 100.
Wagner Park Conservatories, Sidney, O.

SURPLUS CANNAS. 100 Crimson Bedder, 100 Chas. Henderson, 200 Kate Gray, 50 Pennsylvania, 2000 Austria, 800 Wyoming, 200 Allemania, 1000 Morning Star, 1000 red, 100 pink, 200 Shenandoah, $1.50 per 100; $12.50 per 1000.
F. Walker & Co., 634 Fourth, Louisville, Ky.

Cannas. Austria, Ami Pichon, Allemania, Mlle. Berat, Pennsylvania, Robusta, $15.00 1000. D. Harum, Musaefolia, Pres. Meyers, Rubin, J. D. Eisele, $20.00 1000.
C. Betscher, Canal Dover, O.

Cannas. Austria, $1.50. West Virginia, $2.50. Berat, $2.00 per 100. Will exchange for geraniums, R. C. or 2-in. pots.
Gustav Obermeyer, Parkersburg, W. Va.

THE IMPROVED CANNA.
64 varieties, including Mrs. A. F. Conard and the finest new ones. Send for price list.
Conard & Jones Co., West Grove, Pa.

Cannas. Henderson, F. Vaughan, J. C. Vaughan, Burbank, S. d'A. Crozy, Black Beauty, Kate Gray, 2c. Egandale, 2½c. King Humbert, 3c. All true stock. A. J. Baldwin, Newark, O.

40,000 cannas. Henderson, Vaughan, Marlborough, Pennsylvania, $18.00 per 1000.
Burdell Floral Co., Bowling Green, Ky.

Canna bulbs. King Humbert, Louisiana and Express, $4.00 per 100.
Jacob Russler, Morgan Park, Ill.

Cannas, gigantea discolor, $1.00 per 100; $8.00 per 1000. Cash, please.
H. G. Norton, Perry, O.

Canna C. Henderson. Dry bulbs, 1 to 3 eyes, $2.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Cannas, 25 of the leading varieties. Send for price list. Louis B Eastburn, Kennett Square, Pa.

CARNATIONS.

ROOTED CARNATION CUTTINGS.
Strong and healthy stock.

	100	1000
Delhi	$10.00	$ 75.00
Benora	12.00	100.00
Rosette	12.00	100.00
Rainbow	12.00	100.00
White Wonder	6.00	50.00
Gloriosa	6.00	50.00
Pink Delight	4.00	35.00
Scarlet Glow	3.00	25.00
Mrs. C. W. Ward	3.50	30.00
White Perfection	3.00	25.00
Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Winona	3.00	25.00
May Day	3.00	25.00
Victory	3.00	25.00
Winsor	3.00	25.00
Beacon	3.00	25.00

Write for our 1912 catalogue.
S. S. SKIDELSKY & CO.,
1215 Betz Bldg., Philadelphia, Pa.

ROOTED CARNATION CUTTINGS.
All cuttings have our guarantee back of them.

	Per 100	Per 1000
Wodenethe	$12.00	$100.00
Afterglow	3.00	25.00
Beacon	3.00	25.00
Bonfire	6.00	50.00
Enchantress	3.00	25.00
Gloriosa	6.00	50.00
Princess Charming	6.00	50.00
Rosette	12.00	100.00
Rose-pink Enchantress	3.00	25.00
Mrs. Ward	4.00	30.00
Washington	6.00	50.00
White Enchantress	4.00	30.00
White Perfection	3.00	25.00
White Wonder	6.00	50.00
Winsor	3.00	25.00
St. Nicholas	12.00	100.00
Comfort	6.00	50.00
Brooklyn	12.00	100.00
Dorothy Gordon	4.00	35.00
Pennsylvania	3.50	30.00
Alma Ward	4.00	35.00

S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

STRONG, WELL ROOTED CARNATION CUTTINGS.
NONE BETTER.

	100	1000
Enchantress	$2.50	$20.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Mrs. C. W. Ward	3.00	25.00
Alma Ward	3.00	25.00
Beacon	3.00	25.00
Victory	2.50	20.00
O. P. Bassett	3.00	25.00
Harlowarden	2.50	25.00
Conquest	2.50	20.00
Dorothy Gordon	3.00	25.00
Shasta	2.50	20.00
Mary Tolman	2.50	20.00
Sangamo	2.00	15.00
Washington	6.00	50.00

Cash or C. O. D.
SOL. GARLAND. DES PLAINES, ILL.

CARNATION ROOTED CUTTINGS.

Wodenethe	$12.00	100;	$100.00	1000
White Wonder	6.00	100;	50.00	1000
White House	6.00	100;	50.00	1000
Princess Charming	6.00	100;	50.00	1000
Gloriosa	6.00	100;	50.00	1000
Mrs. C. W. Ward	3.50	100;	30.00	1000
Ruby	3.00	100;	25.00	1000
Pink Delight	3.50	100;	30.00	1000
Enchantress	3.00	100;	25.00	1000
W. Enchantress	3.00	100;	25.00	1000
White Perfection	3.00	100;	25.00	1000
Sangamo	3.00	100;	25.00	1000
Dorothy Gordon	3.00	100;	25.00	1000
May Day	3.00	100;	25.00	1000
Scarlet Glow	3.00	100;	25.00	1000
Mary Tolman	3.00	100;	25.00	1000
Lawson	2.00	100;	15.00	1000

BERGENFIELD NURSERIES,
Thomas W. Head, Prop., Bergenfield, N. J.

ROOTED CARNATION CUTTINGS.

	100	1000
Winona	$3.00	$25.00
Alma Ward	3.50	30.00
White Wonder	6.00	50.00
White Perfection	3.00	25.00
White Enchantress	3.00	25.00
Mrs. C. W. Ward	3.50	30.00
Dorothy Gordon	3.00	25.00
Gloriosa	6.00	50.00
R. P. Enchantress	3.00	25.00
Enchantress	3.00	25.00
May Day	3.00	25.00
Beacon	3.00	25.00
Bassett	3.00	25.00
Victory	3.00	25.00

Satisfaction guaranteed.
THE LEO NIESSEN CO.,
12th & Race Sts., Philadelphia, Pa.

CARNATION
ROOTED CUTTINGS.

From as good a grower as there is at Chicago.

ENCHANTRESS, WHITE PERFECTION,

$20.00 per 1000.

This stock is absolutely healthy, clean, well rooted and guaranteed to give satisfaction. It is a bargain at the price. Immediate delivery.

A. L. RANDALL CO.,
66 East Randolph St., Chicago.

CARNATION ROOTED CUTTINGS.
We are rooting over 200,000 this season of the leading commercial varieties. Our stock of Enchantress and Pure White Enchantress is hard to beat and you can depend upon the stock being right when you house your plants in the fall. Be sure you get reliable stock. If our cuttings are not satisfactory they may be returned immediately and money will be refunded.

	100	1000
Enchantress	$3.00	$25.00
Pure White Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Mrs. C. W. Ward	3.50	30.00
Dorothy Gordon	3.50	30.00
White Wonder	6.00	50.00

250 at 1000 rate. Cash or reference.
Smith & Gannett, Geneva, N. Y.

CARNATIONS—Continued.

CARNATION CUTTINGS FROM SAND.
Carefully selected, healthy stock.

	100	1000
Washington	$6.00	$50.00
Bright Spot	6.00	50.00
Mrs. C. W. Ward	4.00	30.00
Sangamo	3.00	25.00
Dorothy Gordon	3.00	25.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
White Perfection	3.00	25.00
May Day	3.00	25.00
Beacon	3.00	25.00
Scarlet Glow	3.00	25.00

A. C. BROWN,
SPRINGFIELD, ILLINOIS.

CARNATION ROOTED CUTTINGS.
Strong, clean, healthy stock.

Enchantress	$3.00 100;	$25.00 1000
Rose-pink Enchantress	3.00 100;	25.00 1000
White Enchantress	3.00 100;	25.00 1000
Dorothy Gordon	3.00 100;	25.00 1000
Scarlet Glow	3.00 100;	25.00 1000
O. P. Bassett	3.00 100;	25.00 1000
Beacon	3.00 100;	25.00 1000
White Wonder	6.00 100;	50.00 1000
Washington	6.00 100;	50.00 1000
Bright Spot	6.00 100;	50.00 1000

A. JABLONSKY,
Olivette, St. Louis County, Mo.

CARNATION ROOTED CUTTINGS.
Immediate Delivery.

	100	1000
Gloriosa	$6.00	$50.00
Norwood	6.00	50.00
Dorothy Gordon	4.00	35.00
White Perfection	3.50	30.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
Beacon	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Winsor	2.50	20.00

Thompson Carnation Co., Joliet, Ill.

CARNATIONS.

well rooted and of superior quality.
4000 WASHINGTON.
$6.00 PER 100; $50.00 PER 1000.
3000 WHITE PERFECTION.
$3.00 PER 100; $25.00 PER 1000.
3000 WINSOR.
$2.00 PER 100; $15.00 PER 1000.
WINTERSON'S SEED STORE,
166 North Wabash Ave. Chicago.

CARNATION ROOTED CUTTINGS.
Best cuttings obtainable from strong vigorous plants.

	100	1000
Rose-pink Enchantress	$3.00	$25.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00
White Perfection	3.00	25.00
Victory	3.00	25.00
Sangamo	3.00	22.00
Lawson-Enchantress	2.50	18.00

2 and 2¼-in. pot plants on application.
ROLF ZETLITZ, LIMA, OHIO.

CARNATION ROOTED CUTTINGS.
Strong, clean stock, ready now.

	100	1000
O. P. Bassett (largest red)	$3.00	$25.00
Victory (reliable red)	3.00	25.00
Sangamo	2.50	20.00
Winsor	2.50	20.00
Mrs. Patten (best variegated, R. & W.)	2.50	20.00
Pink Lawson	2.00	18.00
Enchantress	3.00	25.00

Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

ROOTED CARNATION CUTTINGS.
CARNATION ROOTED CUTTINGS.

	100	1000
O. P. Bassett (red)	$3.00	$25.00
May Day (Daybreak)	3.00	25.00
Sangamo (pink)	3.00	25.00
Enchantress (light pink)	3.00	25.00
Winsor (pink)	2.50	20.00
Boston Market (white)	2.00	18.00
Moonlight (white)	2.00	18.00
Yellow Canary	5.00	40.00

Cash with order.
John Bauscher, Jr., Freeport, Ill.

Carnation cuttings from most reliable growers. Satisfaction assured.

	100	1000
White Wonder and Gloriosa	$6.00	$50.00
White Enchantress, White Perfection	3.00	25.00
Enchantress, R. P. Enchantress	3.00	25.00
Mrs. C. W. Ward (pink)	3.50	30.00
Beacon (selected stock)	3.50	30.00
White Winsor	4.00	35.00
May Day and Winsor	3.00	25.00

R. J. Irwin, 3097 Broadway, New York, N. Y.

CARNATION ROOTED CUTTINGS.
Clean, vigorous stock.

	100	1000
White Enchantress	$2.50	$25.00
Dorothy Gordon	3.00	25.00
Beacon	3.00	25.00
R. P. Enchantress	3.00	25.00
May Day	3.00	25.00
Sangamo	1.50	15.00

White Enchantress, 2-in. pots, ready for 3-in., $4.00 per 100; $40.00 per 1000. Cash, please.
H. P. Smith, Piqua, O.

ROOTED CARNATION CUTTINGS.

	100	1000
White Enchantress	$3.50	$30.00
Mrs. Ward	3.50	30.00
Alma Ward	3.50	30.00
Beacon	3.50	30.00
Enchantress	3.00	25.00
White Perfection	3.00	25.00
Winona	3.00	25.00

Absolutely no disease, rooted cool.
Sarah I. Smith, Secane, Del. Co., Pa., or
Edw. Reid, 1619-21 Ranstead St., Philadelphia.

ROOTED CARNATION CUTTINGS.

Enchantress	$2.00 100;	$18.00 1000
Pure White Enchantress	2.00 100;	18.00 1000
Rose-pink Enchantress	2.00 100;	18.00 1000
Sangamo	1.75 100;	15.00 1000
May Day	1.75 100;	15.00 1000
Winsor	1.50 100;	12.50 1000
M. A. Patten	1.50 100;	12.50 1000

Cash or C. O. D.
MILLER BROTHERS,
(Formerly John H. Miller)
5558 N. Lincoln St., Chicago.

FINE CARNATION ROOTED CUTTINGS.

	100	1000
White Perfection	$3.00	$25.00
Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Beacon	3.00	25.00
Winsor	2.00	18.00
Pink Lawson	2.00	18.00
C. W. Ward	3.50	30.00

UNITED STATES CUT FLOWER CO.,
ELMIRA, NEW YORK.

CARNATIONS.
ROOTED CUTTINGS.
IMMEDIATE DELIVERIES.
Wodenethe, the greatest white, and Brooklyn, an absolutely reliable cerise pink, $12.00 per 100; $100.00 per 1000.
Princess Charming and White House, $6.00 per 100; $50.00 per 1000.
Winsor, Harlowarden, Sangamo, Mrs. Patten and White Perfection, $3.00 per 100; $25.00 per 1000. Chas. H. Totty, Madison, N. J.

WELL ROOTED CARNATION CUTTINGS.

	100	1000
Beacon	$3.00	$25.00
Winsor	2.50	20.00
May Day	3.00	25.00
Enchantress	3.00	25.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00

Strong, cool grown, well rooted cuttings.
WARRICK BROS.,
2498 Locust Ave., Washington, Pa.

FINE CARNATION CUTTINGS
WELL ROOTED

	100	1,000
Victory	$2.00	$15.00
Winsor	2.00	15.00
White Lawson	2.00	15.00
Pink Lawson	2.00	15.00
Washington	6.00	50.00
Enchantress	3.00	25.00

WIETOR BROS.,
162 North Wabash Ave. Chicago

Rooted cuttings or carnations for immediate and future delivery, guaranteed to give satisfaction.

White Enchantress	$3.00 100;	$25.00 1000
Enchantress	3.00 100;	25.00 1000
Beacon	3.00 100;	25.00 1000
Victory	3.00 100;	25.00 1000
Mrs. C. W. Ward	3.00 100;	25.00 1000
Dorothy Gordon	3.00 100;	25.00 1000
Rose-pink Enchantress	3.00 100;	25.00 1000

Chas. Knopf Floral Co., Richmond, Ind.

Carnations, every one a plant, every one will grow. From pots, shipped either with or without soil which is very loose and can be shaken out.
Alma Ward, White Perfection, White Enchantress, Dorothy Gordon, Enchantress, Winona, Beacon and Victory, $2.50 per 100; $25.00 per 1000. Mrs. C. W. Ward, $3.50 per 100. Washington and White Wonder, $5.00 per 100.
Albert M. Herr, Lancaster, Pa.

	100	1000
Enchantress	$3.00	$25.00
White Enchantress	3.00	25.00
Mrs. C. W. Ward	3.00	25.00
White Perfection	3.00	25.00
Winona	3.00	25.00
Sangamo	3.00	25.00
Winsor	2.50	20.00

SATISFACTION GUARANTEED.
Arthur Cockcroft, Northport, L. I., N. Y.

Fine, strong cuttings from vigorous stock plants. My stock always pleases. Try it.

	100	1000		100	1000
Enchantress	$3	$25	Beacon	$3.50	$30
W. Enchantress	3	25	Gordon	3.50	30
R. P. Ench'ess	3	25	C. W. Ward	3.50	30
W. Perfection	3	25	W. Wonder	6.00	50

Gloriosa, $6.00 100; $50.00 1000.
250 at 1000 rate. Cash or reference.
A. A. GANNETT, Geneva, N. Y.

ROOTED CARNATION CUTTINGS for immediate or later delivery. Strong, healthy stock, guaranteed true to name. Enchantress, Pure White Enchantress, Victory, White Perfection, Bassett, Beacon, Taft, $3.00 100; $25.00 1000. Pink and White Lawson, Winsor, $2.50 100; $20.00 1000.
Elitch-Long Greenhouses, Denver, Colo.

Carnation rooted cuttings, Winsor, Enchantress, Rose-pink, Perfection, $2.50 per 100, or will exchange for anything we can use.
Wm. Eschrich Co., North Milwaukee, Wis.

Carnations, strong rooted stem cuttings. Washington, $5.00 per 100. Winsor, $15.00 per 1000.
Having no room we are offering about 40,000 Victory and White Perfection, first-class cuttings, at the price of $13.00 per 1000. 100 at 1000 rate. Cash or reference.
Northwestern Floral Co., Gross Point, Ill.

CARNATION ROOTED CUTTINGS.

Enchantress	$3.00 100;	$25.00 1000
Victory	3.00 100;	25.00 1000
Winsor	3.00 100;	20.00 1000
May Day	3.00 100;	25.00 1000
White Enchantress	3.00 100;	25.00 1000

MICHIGAN CUT FLOWER EXCHANGE,
38-40 Broadway, Detroit, Mich.

CARNATION PLANTS, surplus stock, healthy and in fine condition. From flats and 2½-in. pots, Winona, Winsor, May Day, $2.50 per 100; $20.00 per 1000.
ROOTED CUTTINGS. Mrs. C. W. Ward, $2.50 per 100; $20.00 per 1000. Winsor and Winona, $2.00 per 100; $15.00 per 1000.
F. P. Putnam, P. O. Box 12, Lowell, Mass.

Rose-pink Enchantress	$25.00 per 1000
Winsor	20.00 per 1000
Melody	20.00 per 1000
White Lawson	20.00 per 1000
Harlowarden	20.00 per 1000
Carnegie	18.00 per 1000

Cash please. Satisfaction guaranteed.
EHMANN'S. CORFU, N. Y.

1350 Enchantress, 80 Winsor, 1060 Rose-pink Enchantress, 575 White Enchantress, fine, in 2½-in., $35.00 per 1000. Carnation plants, in pots since Jan. 1. Rooted cuttings, 350 Enchantress, 200 Rose-pink Enchantress, 250 White Enchantress, $20.00 per 1000. Cash with order.
P. N. Obertin, Kenosha, Wis.

	100	1000
White Wonder	$6.00	$50.00
Mrs. C. W. Ward	3.00	27.50
Enchantress, May Day	3.00	25.00
W. Perfection, W. Enchantress	3.00	25.00

10% discount for cash.
W. Frank & Sons, Portland, Ind.

Carnations, strong, well rooted. Enchantress, Rose-pink Enchantress, L. Bountiful, O. P. Bassett, $3.00 100; $25.00 1000. White Enchantress, C. W. Ward, Alma Ward, $3.50 100; $25.00 1000. Washington, $6.00 100; $50.00 1000. 250 at 1000 rate. Krueger Bros., Toledo, O.

Carnation rooted cuttings, now ready. Winsor, $15.00 per 1000. Victory, $15.00 per 1000. Enchantress, $20.00 per 1000. R. P. Enchantress, $20.00 per 1000. White Enchantress, $25.00 per 1000. Cash, please.
Geo. A. Relyea, Orchard Pl., Poughkeepsie, N. Y.

Carnation rooted cuttings. Christmas Cheer, the great scarlet pot carnation, sells quickly at Christmas at $1.00 to $1.50 per pot. Try a few at $5.00 per 100, also Beacon and Victory at $3.00 per 100.
S. N. Peck, 424 Superior St., Toledo, O.

Carnations, strong rooted cuttings, ready:

Enchantress	$20.00 per 1000
White Enchantress	20.00 per 1000
Rose-pink Enchantress	20.00 per 1000

CHICAGO FLOWER GROWERS' ASSOCIATION,
176 N. Michigan Ave., Chicago.

Cash or exchange. 1000 Sunlight rooted carnation cuttings, 500 Pink and 500 White Enchantress, $3.00 per 100; $25.00 per 1000, for Vinca variegata, large enough to shift into 3-in. pots. Cash. C. Pfund Co., Oak Park, Ill.

Carnation rooted cuttings, strong, healthy stock, immediate delivery. Enchantress, R. P. Enchantress, Pure White Enchantress, $3.00 per 100; $25.00 per 1000.
Smith & Van Aart, Newtown, Pa.

Strong, healthy, well rooted carnation cuttings. Enchantress, $2.00 per 100; $18.00 per 1000. White Enchantress, $2.00 per 100; $20.00 per 1000. Cash with order.
C. C. Walker, 1227 Logan Ave., Danville, Ill.

Carnations, 2-in., from healthy stock, grown cool: Enchantress, Pure White Enchantress, Rose-pink Enchantress, Beacon, $3.00 per 100. Cash with order.
R. S. McMurray, Bellefontaine, O.

Carnation White Wonder, fine, strong rooted cuttings, $6.00 per 100; $50.00 per 1000. Enchantress, $2.50 per 100; $20.00 per 1000. Victory, $3.00 per 100; $25.00 per 1000. Cash with order.
Hillsborough Nurseries, Burlingame, Calif.

Enchantress, Rose-pink Enchantress, and Pure White Enchantress, well rooted, $2.50 per 100, $20.00 per 1,000; unrooted, $10.00 per 1,000; from 2-in. pots, $30.00 per 1,000. Ready now. Cash. Daut Bros., Decatur, Ill.

Carnation rooted cuttings. Beacon, $3.00 per 100, $25.00 per 1000; Enchantress, Rose-pink, White Enchantress and White Perfection, $2.50 per 100; $20.00 per 1000.
Scharff Bros., Van Wert, O.

May Day cuttings	$1.75 100;	$12.50 1000
Sangamo cuttings	2.00 100;	15.00 1000
Alma Ward cuttings	2.50 100;	20.00 1000
Mrs. C. W. Ward cuttings	2.50 100;	20.00 1000

Quidnick Greenhouses, Anthony, R. I.

Carnations, strong rooted cuttings.
Enchantress, $20.00 per 1000.
Rose-pink, $20.00 per 1000.
Cash, please.
Sunnyside Floral Co., Leavenworth, Kan.

Lawson $1.50 100; $12.50 1000
Wm. Murphy, 309 Main St., Cincinnati, O.

Strong, healthy, well rooted Enchantress cuttings, $2.00 per 100, $15.00 per 1000; unrooted cuttings, $7.50 per 1000.
Paul E. Weiss, Maywood, Ill.

50,000 well rooted Enchantress cuttings for immediate and future use, $2.00 per 100; $18.00 per 1000. W. H. Amling, Maywood, Ill.

Carnation rooted cuttings. White Perfection and Light Pink Enchantress, $2.00 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

Carnation rooted cuttings, Princess Charming, $5.00 per 100.
J. R. Falkenstein, Naperville, Ill.

Carnation rooted cuttings, May Day, $20.00 per 1000. Cash with order.
Joseph E. Johnston, Stamford, Conn.

Enchantress carnations, 2¼-in., $3.00 per 100.
Wm. Krieger, Lansing, Mich.

Carnation Dorothy Gordon, strong 2¼-in., $4.00 per 100. Honaker Bros., Lexington, Ky.

CHRYSANTHEMUMS.

CHRYSANTHEMUM CUTTINGS.
CLEAN, THRIFTY, STOCK.
SATISFACTION GUARANTEED.

Smith's Advance and Unaka, $6.00 per 100; $50.00 per 1000. Chrysolora, $15.00 per 100. W. R. Brock, incurved pink, $4.00 per 100; $30.00 per 1000. Roman Gold, $7.00 per 100; $60.00 per 1000. December Gem, late white, $8.00 per 100.

THE FOLLOWING, $3.00 100; $20.00 1000:

WHITE VARIETIES.

Lynnwood Hall, Early Snow, V. Poehlmann, Elise Papworth, Alice Byron, White Eaton, White Chadwick, White Bonnaffon, Chadwick Improved, Jeanne Nonin,.

YELLOW VARIETIES.

Golden Chadwick, Golden King, W. E. Kelley, Golden Eagle, Yellow Ivory, Mary Jane, Yellow Eaton, Nagoya, Dolly Dimple, Donatello, Comoleta.

PINK VARIETIES.

Patty, Helen Frick, Winter Cheer, Jeanne Rosette.

RED VARIETIES.

Cullingfordii, Intensity, Mersthanis Red.

THE FOLLOWING, $2.00 100; $17.50 1000:

WHITE VARIETIES.

Polly Rose, Geo. S. Kalb, C. Touset, Mrs. H. Robinson, White Frick, White Cloud, M. Wanamaker, Moneymaker, Jones, White Ivory.

PINK VARIETIES.

Pacific Supreme, Glory Pacific, Gloria, Pink Ivory, W. H. Duckham, Major Weaver, Dr. Enguehard, Maud Dean.

YELLOW VARIETIES.

Golden Glow, Monrovia, Robt. Halliday, Grace Pitcher, Col. Appleton, Major Bonnaffon, Golden Wedding, Yellow Jones.

POMPON CHRYSANTHEMUMS.

2-in., $3.00 per 100; $25.00 per 1000.

All the best commercial varieties. Write for list.

250 of a variety at 1000 rate on all above.
Cash or satisfactory reference.
R. J. IRWIN,
3097 Broadway, New York, N. Y.

CHRYSANTHEMUM ROOTED CUTTINGS.
Ready at once,
$2.00 per 100.

Alice Byron	Intensity
October Frost	Glenview
Beatrice May	Mrs. O. H. Kahn
Ivory	Monrovia
Merza	Golden Glow
T. Eaton	Rob't. Halliday
Pacific Supreme	Col. Appleton
Enguehard	Major Bonnaffon
Winter Cheer	Rosiere
Well's Late Pink	Lynwood Hall
Maud Dean	Early Snow
Miriam Hankey	Gloria
Pockett's Crimson	Golden Eagle
J. Shrimpton	Patty
V. Poehlmann	Yellow Oct. Frost
Mrs. H. Robinson	Pres. Taft
R. F. Felton	T. Eaton
Yellow Eaton	McNeice
H. Frick	J. Nonin

The above 2¼-in. pots, well rooted and true to name, $3.00 per 100.

W. R. Brock	Elise Papworth
Dolly Dimple	Crocus

$3.00 per 100.

All the leading exhibition varieties quoted on application.

BERGENFIELD NURSERIES,
Thomas W. Head, Prop., Bergenfield, N. J.

CHRYSANTHEMUM ROOTED CUTTINGS.
Ready for delivery March 1.

	100	1000
CRIMSON—		
Pockett's Crimson	$2.50	$20.00
Intensity	2.00	15.00
WHITE—		
Alice Byron	2.00	15.00
Tousett	2.00	15.00
October Frost	2.00	15.00
YELLOW—		
Crocus	4.00	35.00
Golden Glow	2.00	15.00
Halliday	2.00	15.00
Major Bonnaffon	2.00	15.00
PINK—		
Pacific Supreme	2.00	15.00

J. D. Thompson Carnation Co., Joliet, Ill.

Chrysanthemums. 100,000 rooted cuttings (10 best commercial varieties), $10.00 per 1000. 250 at 1000 rate. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Rooted chrysanthemum cuttings in exchange for anything that we can use and for cash from $15.00 to $25.00 per 1000.

Silver Wedding	Golden Chadwick
Adelia	Glitter
White Bonnaffon	Col. Appleton
Mrs. Weeks	Madagascar
Mlle. M. Desjouis	Com. Matthieu
Jerome Jones	Yellow Miller
White Chadwick	Polypheme
C. Touset	Buff Globe
J. Nonin	A. J. Balfour
Lynnwood Hall	Pres. Loubet
Diana	Duckham
Beatrice May	Enguehard
Leon Truelle	Perrin
Merza	Jeanne Rosette
Virginia Poehlmann	M. Loiseau Rousseau
Pres. Taft	Lady Hopetown
Major Bonnaffon	Hamilton
Golden Wedding	Helen Frick
Modesto	Black Hawk
Nesota	Shrimpton

Unaka, 2-in., $7.00 per 100. Smith's Advance, $4.00 per 100.
Orders taken subject to being sold out.
Wolfe, The Florist, Waco, Texas.

ROOTED CHRYSANTHEMUM CUTTINGS.

	100	1000
WHITE—		
Chas. Razer (best white)	$3.00	$25.00
White Bonnaffon	1.50	12.50
White Chadwick	1.50	12.50
Mayflower	1.50	12.50
YELLOW—		
Golden Chadwick	1.50	12.50
Col. Appleton	1.50	12.50
Yellow Bonnaffon	1.50	12.50
Polypheme	2.00	17.50
PINK—		
Mayor Weaver	2.00	17.50
Dr. Enguehard	1.50	12.50

Cash or C. O. D.
Miller Bros., 5558 N. Lincoln St., Chicago.

ROOTED CHRYSANTHEMUM CUTTINGS.

	100	1000
Mary Liger (pink)	$3.00	$20.00
Yellow Ivory	3.00	20.00
Col. Appleton (yellow)	3.00	20.00
Timothy Eaton (yellow)	3.00	20.00
Pres. Taft (white)	3.00	20.00
C. Touset (white)	3.00	20.00
Dr. Enguehard (pink)	3.00	20.00
Monogram (pink)	3.00	20.00
EXTRA STRONG PLANTS.		
Golden Glow, earliest of all, 2½-in.	4.00	30.00

Cash with order.
John Bauscher, Jr., Freeport, Ill.

Chrysanthemum rooted cuttings of following varieties, $2.00 per 100, $15.00 per 1000, 250 at 1000 rate:

Polly Rose	J. K. Shaw
Golden Glow	M. Liger
Glory of Pacific	Patty
Pacific Supreme	Yanoma
C. Touset	Golden Wedding
October Frost	Major Bonnaffon
Col. Appleton	Yellow Eaton
Robt. Halliday	

W. H. Lincoln, $3.00 per 100.
BAUR FLORAL CO., ERIE, PA.

CHRYSANTHEMUMS.

Earliest and best white chrysanthemum, SMITH'S ADVANCE. Extra choice 2¼-in. plants, $8.00 100; rooted cuttings, $5.00 100.

HELEN NEWBERRY, best late white pompon on the market, $15.00 100, 50, $7.50; 25, $5.00; 12, $3.00.

Orders respectfully solicited and stock guaranteed.

MICHIGAN CUT FLOWER EXCHANGE,
38-40 Broadway, Detroit, Mich.

A NEW SINGLE CHRYSANTHEMUM.
MARY COLLADAY.

A seedling of Garza, extremely free and excellent keeping qualities. Color a rich rose lavender pink and Garza in size and form. Strong 2¼-in. stock., $4.00 per doz; $25.00 per 100.

S. S. PENNOCK-MEEHAN CO.,
1608-20 Ludlow St., Philadelphia, Pa.

Orders booked now for March, April and May delivery. Rooted chrysanthemum cuttings of the following standard varieties: Maud Dean, White Eaton, Yellow Eaton, Dr. Enguehard, Major Bonnaffon, Ivory, White Bonnaffon and several other good varieties, $1.00 per 100; $9.00 per 1000.
E. V. B. Felthausen,
184 Van Vraken, Schenectady, N. Y.

Chrysanthemums, 2½-in. pot plants in ideal condition at $3.00 per 100; $25.00 per 1000. Wm. Duckham, Beatrice May, Mrs. O. H. Kahn, Monrovia, Gloria, Hanky, Lady Hopetown. Smith's Advance, $15.00 per 100. These plants are sold with an absolute guarantee of being true to name and finest Totty quality.
Chas. H. Totty, Madison, N. J.

We are now booking orders for chrysanthemum rooted cuttings from field-grown stock plants in the following varieties: J. Nonin, White and Yellow Jones, M. Bailey, White and Yellow Bonnaffon, Crocus, Oct. Frost, P. Supreme, $1.25 per 100; $10.00 per 1000 delivered.
Goldsboro Floral Co., Goldsboro, N. C.

Chrysanthemums. Chrysolora, in 2-in. pots, $20.00 per 100; rooted cuttings, $17.00 per 100.
Smith's Advance, in 2-in. pots, $6.00 per 100; rooted cuttings, $4.00 per 100.
Also other standard varieties. Send for list.
La Crosse Floral Co., La Crosse, Wis.

Smith's Advance, healthy rooted cuttings, $6.00 per 100. W. H. Vance, Wilmington, Del.

Chrysanthemum rooted cuttings. Golden Glow, Monrovia, Halliday, Bonnaffon, Pacific Supreme, Enguehard, Maud Dean, J. Rosette, Estelle, A. Byron and other leading commercial varieties, $1.25 per 100; $12.00 per 1000.
T. W. Baylis & Sons, West Grove, Pa.

Pompon chrysanthemum Diana, the best double white pompon, surely a moneymaker for the commercial florist. Stock plants, $4.00 per 100; rooted cuttings, $1.00 per 100, or will exchange for bedding plants.
C. P. Hetherds, Florist, Springfield, O.

"CHRYSANTHEMUMS FOR THE MILLION."
A record of notes on the culture of the chrysanthemum, by growers situated in every section of the United States, with an introduction by the author, C. H. Totty. Price, 25c.
Chas. H. Totty, Madison, N. J.

50,000 CHRYSANTHEMUM CUTTINGS.
$10.00 per 1000.

Yellow Bonnaffon	Diana
Garza	Richardson
	Yellow Baby

J. R. Falkenstein, Naperville, Ill.

Chrysanthemum Smith's Advance, the early white, without a rival, easy to grow, does not damp, petals tight. Well rooted tips, $5.00 per 100. My stock is large and cool grown. I want rooted Gloriosa carnations and will exchange.
Maurice J. Brinton, Christiana, Pa.

SMITH'S ADVANCE.

The earliest white mum, a good money-maker. Rooted cuttings, 75c per doz.; $5.00 per 100. From 2¼-in. pots, $1.25 per doz.; $8.00 per 100.
A. L. RANDALL CO.,
66 E. Randolph St., Chicago.

We have 5000 Smith's Advance chrysanthemum rooted cuttings ready to ship at $5.00 per 100. Cash with order. You had better hurry.
The Newburys, Mitchell, S. D.

Fine healthy stock, Smith's Advance. Rooted cuttings, $4.00 per 100; 2½-in., $6.00 per 100. Special prices per 1000.
Will Bros. Co., Box 29, Minneapolis, Minn.

Chrysanthemums. Early Snow, Estelle, Golden Glow, Pacific Supreme rooted cuttings, $1.00 per 100. Orders booked for Nonin, Bonnaffon, Nagaya.
E. A. Wallis & Co., Berlin, N. J.

Pompon and daisy chrysanthemum rooted cuttings, true to name, $5.00 to $8.00 per 1000; also 2400 Major Bonnaffon, $8.00 per 1000; $15.00 for the lot. All A-1 stock Gloede, Evanston, Ill.

5000 chrysanthemum plants, well rooted, out of sand, 1c to 5c each. Send for list.
Sunnyside Greenhouses, Cottage Grove, Ore.

Chrysanthemum Yellow Bonnaffon, 2½-in., $3.00 per 100; $25.00 per 1000. Cash, please.
Reeser Plant Co., Springfield, O.

Strong Yellow Bonnaffon rooted cuttings from healthy, vigorous plants, $12.00 per 1000. Cash.
G. S. Ramsburg, Somersworth, N. H.

Chrysanthemum Pacific Supreme, best pink. Rooted cuttings, $2.00 100; $15.00 1000.
Geneva Greenhouses, Geneva, Ind.

Smith's Advance (the early white), Unaka (the great pink). Rooted cuttings, $5.00 per 100.
Max B. Schreiber, McDonald, Pa.

Chrysanthemum rooted cuttings ready now. Robinson and Polly Rose, $15.00 per 1000. Cash with order. Joseph E. Johnston, Stamford, Conn.

Chrysanthemum, 2-in. pots. Smith's Advance, Unaka, Glen Cove, Mrs. David Syne, $7.00 per 100. Eli Cross, 25 Monroe, Grand Rapids, Mich.

Smith's Advance chrysanthemums, extra 2¼-in. stock, $8.00 per 100; rooted cuttings, $5.00 per 100.. Jos. F. Klimmer Estate, Forest Park, Ill.

Chrysanthemums, 16 commercial varieties. Rooted cuttings, $10.00 per 1000. Orders booked.
McRae-Jenkinson Co., Cheswick, Pa.

Stock plants of yellow Garza, new, at 50c each, $5.00 per doz.
Jacob Russler, 114th and Avon, Morgan Park, Ill.

Chrysanthemums. Enguehard, Bonnaffon and Nonin, $2.00 per 100; $17.50 per 1000.
Albert M. Herr, Lancaster, Pa.

Advance, strong, healthy and clean 2½-in. stock, $7.00 per 100.
Chas. Frueh & Sons, Saginaw, Mich.

Pompon and daisy rooted cuttings, 75c to $2.00 per 100. R. F. Gloede, Evanston, Ill.

CINNAMON VINES.

Cinnamon vines, $7.50 to $15.00 1000.
C. Betscher, Canal Dover, O.

CINERARIAS.

Cinerarias, a brilliant strain, mostly light colors and just right for Easter, 4-in., $8.00 per 100; 5-in., $1.50 per doz.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Cinerarias, Columbian mixture, splendid colors, 6-in., 35c ea., $4.00 per doz.; 5-in., $3.00 per doz. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Cineraria Rawson's Beauty, 2½-in., 3c; 3-in., 4c. Strong plants.
The Newburys, Mitchell, S. D.

Cineraria hybrida grandiflora. Strong 2¼-in. stock, $2.00 per 100. Cash.
Freeport Floral Co., Freeport, Ill.

Cinerarias, best strain, 4-in., $5.00 per 100.
J. C. Schmidt, Bristol, Pa.

Cinerarias. The largest flowers. See display adv. J. W. Miller, Shiremanstown, Pa.

CLEMATIS.

Clematis paniculata, 2-yr., field, $3.50 per 100, $33.00 per 1000; 3-yr., field, $7.00 per 100; 2½-in. pots, $2.50 per 100; $23.00 per 1000. Cash, please. Reeser Plant Co., Springfield, O.

Clematis paniculata, 3-yr., strong; Duchess, Henryi, Jackmani, Ramona, Andre, Ville de Lyon, Red Jack. Write for prices.
Parks & Schaufelberger, Penfield, N. Y.

Clematis paniculata seedlings, $1.00 per 100. Cash with order, please.
S. V. Smith, Roy and Goodman, Philadelphia, Pa.

COLEUS.

Coleus, $4.00 per 1000; 60c per 100 by mail. 100,000 good, strong, clean, well rooted cuttings now in sand. We are the largest growers of coleus cuttings in the world. Over 1,000,000 sold in a season. Verschaffeltii, Golden Bedder, Queen Victoria, Firebrand and all other leading varieties. Come and see them. Cash with order. C. Schulze & Son, 261-75 Lawrence, Flushing, L. I., N. Y.

Coleus rooted cuttings, the very best of standard varieties, 5% of them the new large leaved German with every order, 75c 100, $6.00 1000; 2-in., strong stock, ready to top, $2.00 100, $18.00 1000.
C. Winterich, Cyclamen Specialist, Defiance, O.

Coleus Brilliancy, this is the most gorgeous of all foliage plants, see our display adv., 2½-in., $3.00 per 100; $25.00 per 1000. Cash, please.
Reeser Plant Co., Springfield, O.

Coleus rooted cuttings, Verschaffeltii and Golden Bedder, clean stock, $6.00 per 1000; 2-in. stock, fine plants, $2.00 per 100, $18.00 per 1000. Cash, please. Rudolf Nagel, Lancaster, Pa.

Coleus, standard varieties, including Verschaffeltii, Golden Bedder, 2-in., $2.00 per 100; $18.50 per 1000. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Coleus. Beckwith's Gem, Her Majesty, Queen of West, Verschaffeltii, etc., $2.50 per 100; $20.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Coleus rooted cuttings by mail: Golden Bedder and 8 other best standard varieties, 60c per 100; $5.00 per 1000.
McDonald & Steele, Crawfordsville, Ind.

Coleus rooted cuttings, 12 sorts, 80c per 100 prepaid; $7.00 per 1000.
J. L. Schiller, Toledo, O.

Coleus, 2¼-in. pots, 10 varieties, my selection, $2.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Coleus R. C., strong, 6 best sorts, 75c per 100. Write for special price on large orders.
Krueger Bros., Toledo, O.

Coleus, 15 fine varieties. Rooted cuttings, 60c 100; prepaid, 75c.
A. J. Baldwin, Newark, O.

Coleus rooted cuttings, 15 varieties, $5.00 per 1000. On large lots, please write me.
U. G. Harglerode, Shippensburg, Pa.

Coleus rooted cuttings, Verschaffeltii, Golden Bedder and 10 other varieties, 60c 100; $5.00 1000.
E. B. Randolph, Delavan, Ill.

Coleus. Verschaffeltii, Golden Bedder and standard assorted, $6.00 per 1000. Giant leaved, $2.50 per 100. Albert M. Herr, Lancaster, Pa.

BUSINESS BRINGERS—
REVIEW Classified Advs.

Coleus, fine bedders. R. C., 50c 100. Cash.
E. W. Byer, Prop. S. Fl. Co., Shippensburg, Pa.

Assorted coleus, 15 varieties, 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Coleus rooted cuttings, 60c per 100; $5.00 per 1000. Baur Floral Co., Erie, Pa.

CROTONS.

Crotons, standard varieties, 3-in., $1.50 per doz.; $10.00 per 100.
Peirce Bros., Waltham, Mass.

Croton aurea maculata, 3-in. pot plants, $8.00 per 100.
Storrs & Harrison Co., Painesville, O.

CUPHEAS.

Cuphea rooted cuttings, 50c 100.
U. G. Harglerode, Shippensburg, Pa.

CYCLAMEN.

150,000 giant cyclamen seedlings. We claim the finest commercial strain in this country. Mr. A. Hange, Birmingham, Ala., says, "I planted 100 of your seedlings last year (1910) in comparison with 2500 of from so-called unrivalled, high-priced English strains, but yours outgrew them." Transplanted August seedlings, $3.00 per 100; $25.00 per 1000; 4, 5 and 6-in. plants, now blooming, from 15c to 50c each. Cash with order. See my coleus adv.
C. Winterich, Cyclamen Specialist, Defiance, O.

CYCLAMEN GIGANTEUM.

	100	1000
3-inch	$ 6.00	$50.00
4-inch	10.00	80.00

Cash with order.
John Bauscher, Jr., Freeport, Ill.

Cyclamen giganteum. Transplanted August seedlings, the cream of the English and German strains, including orchid and best salmon flower, 10 separate varieties. Ready to pot, $3.00 per 100; $25.00 per 1000. Cash, please.
Rober & Radke, Maywood, Ill.

Cyclamen seedlings, excellent giant strain, $30.00 per 1000; 2½-in., $5.00 per 100. Ready now. Write for our 1912 catalogue.
S. S. SKIDELSKY & CO.,
1215 Betz Bldg., Philadelphia, Pa.

Cyclamen giganteum, August seeded, best strain and colors, 2½-in., $4.00 per 100; transplanted, $2.50 per 100.
Wm. Eschrich Co., North Milwaukee, Wis.

CYCLAMEN SEEDLINGS.
Transplanted stock from the very best strain of seed on the market, $3.00 per 100; $25.00 per 1000. Gullett & Sons, Lincoln, Ill.

Cyclamen splendens giganteum hybrids, twice transplanted from flats, in five colors, $3.50 per 100; $30.00 per 1000.
Paul Mader, East Stroudsberg, Pa.

We have a fine lot of cyclamen seedlings, very good imported strain, to offer in 6 separate vars., $1.50 per 100; $12.50 per 1000.
D. U. Augspurger & Sons Co., Peoria, Ill.

Cyclamen seedlings, giant flowering strain, $3.50 per 100, $30.00 per 1000; 2½-in., $5.00 per 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Cyclamen, 2-in., fine strain, $3.50 per 100; $30.00 per 1000. Baur Floral Co., Erie, Pa.

Cyclamen in bud and bloom, 3-in., 5c.
U. G. Harglerode, Shippensburg, Pa.

DAHLIAS.

Dahlias, divided field clumps. Wm. Agnew, Henry Lyndhurst, Fire Rain, Catherine Duer, Indian Chief, Mars, Catherine, Clifford Bruton, Queen Victoria, Henry Patrick, Blanche Keith, Sylvia, A. D. Livoni, Snowclad, Camelliaeflora, 2c each; $15.00 per 1000. Snow, Baroness Schroeder, Souv. de Gustav Doazon, Princess Louise Victoria, Maid of Kent, Gen. Buller, Souv. de Mme. Moreau, Black Beauty, Eloise, Standard Bearer, 2½c each; $20.00 per 1000. Strahlein Krone, Dainty, Yellow Le Colosse, Jeanne Charmet, Jack Rose, Frank Smith, Mme. Vanden Dael, Kriemhilde, 3c each; $25.00 per 1000. Assorted to color, equal amounts of each of the different shades of red, yellow, pink and white at $2.00 per 100; $15.00 per 1000. Sound stock, true to name. No broken necks. Reference or cash with order.
W. A. Finger, Hicksville, L. I., N. Y.

Dahlias. A. D. Livoni, Arabella, Miss Miller, Menheddy Beauty, Queen Victoria, Red Hussar, Storm King, White Swan, Countess of Lonsdale, Country Girl, Fritz, Libelle, Hagen, Kriemhilde, Perehilde, Standard Bearer, Winsome, C. W. Bruton, Doazon, Black Beauty, F. L. Bassett, Lyndhurst, C. Duer, Nymphaea, Sylvia, Wm. Agnew, Vivid, Fairy Queen, Little Bessie, 20th and Scarlet Century, Deegen's Reise. Field clumps, $6.00 per 100; $45.00 per 1000; divided clumps, $4.00 per 100; $30.00 per 1000. Special rate on large quantities.
C. Betscher, Canal Dover, O.

WHOLESALE LIST FOR 1912
NOW READY.
Separated stock and clumps. We use no slips or sprouts for propagation; stock all grown from tubers, insuring strong roots.
J. L. MOORE,
Northboro Dahlia & Gladiolus Gardens,
NORTHBORO, MASSACHUSETTS.

EAST BRIDGEWATER DAHLIA GARDENS have 104 up-to-date kinds of the best cut flower varieties, over 750,000 clumps at right prices. Send your wants to
J. K. ALEXANDER,
The Dahlia King, E. Bridgewater, Mass.

THE BROCKTON DAHLIA FARM is headquarters for good, reliable stock. I have a quantity of standard varieties that I am going to sell at almost your own price. Send for list. I am bound to give you prices that are right.
W. P. Lothrop, East Bridgewater, Mass.

DAHLIAS—Superb florists' varieties, $5.00 per 100; $40.00 per 1000. Divided roots, ⅓ of above price.
NATIONAL CO-OPERATIVE SHOW GARDENS,
Box 1200, Spencer, Ind.

Dahlias. Best of novelties and standard varieties, true to name. A choice lot of introductions. Send for catalogue of dahlias, holly hocks, hardy plants, etc. Prices reasonable.
W. W. Wilmore, Box 382, Denver, Colo.

Dahlias, strong divisions of best cut flower sorts, grown from divisions, not plants. Send for special quotations.
W. K. Fletcher Bulb & Floral Co.,
Shipping point, Des Moines, Valley Junction, Ia.

Dahlias. Blushing Beauty, best cut flower kind, shrimp pink, nearly white; div. roots, $5.00 100. Wm. Ross, best red to date, $20.00 100.
J. W. ROSS Co., Centralia, Ill.

Dahlias. Gettysburg, Penelope, Red Hussar, cut flower varieties; strong divisions, $3.00 per 100. Cash.
Louis B. Eastburn, Kennett Square, Pa.

Dahlias, best varieties for florists' use. Strong, field-grown roots, true to name, in assortment, $5.00 per 100; 250 for $10.00. Send for list.
S. W. Pike, St. Charles, Ill.

Dahlia bulbs, white, pink, red and yellow, for cut flowers, $5.00 per 100.
Jacob Russler, Morgan Park, Ill.

Dahlias, whole roots, good cut flower sorts, our selection of varieties, $5.00 per 100.
Storrs & Harrison Co., Painesville, O.

Buy your dahlias from a specialist. List ready.
H. W. Koerner, Sta. B., Milwaukee, Wis.

DAISIES.

Marguerites. Queen Alexandra, Nicholson's White, Soleil d' Or, 2½-in., $3.00; 3½-in., $6.00 per 100. Queen Alexandra, 4½-in., $10.00; 6-in., $25.00 per 100. Bushy stock ready for a shift or immediate flowering. Cash only.
J. Sylvester, Florist, Oconto, Wis.

MARGUERITES. Something entirely new, flowers 3 to 4 in. across, stems 12 to 15 in. long and the best winter bloomer. Stock now ready from 2½-in. pots, $5.00 100.
F. Holtke, Broad & 5th Sts., Carlstadt, N. J.

Yellow marguerites, winter flowering. Guaranteed healthy stock out of 2½-in. pots. $5.00 per 100; 4-in. pots, 10c, $10.00 per 100. Sample by mail, 10c.
James Crawshaw, Depot Ave., Barrington, R. I.

Daisies (Chrysanthemum maximum), fine for cutting. Strong divisions, right from 5-in. pots, $2.00 per 100; $15.00 per 1000. Cash with order.
W. A. Finger, Hicksville, L. I., N. Y.

Marguerite R. C., winter flowering, 75c per 100; 2½-in., $3.00. Bellis, double large flowering, 50c per 100; $4.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

The new double daisy, Mrs. F. Sander. Good, strong, healthy plants from 2¼-in. pots, $5.00 per 100; $40.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

Marguerite Mme. Gaibert, strong, beginning to branch freely, most of them showing buds, 3-in., $4.00; 2-in., $2.50 per 100. Cash, please.
Harry Tredway, 214 Clayton St., Dayton, O.

Daisies, extra fine 2-inch. Mrs. F. Sander, ready to shift, branched, $5.00 per 100, or will exchange for White Enchantress or White Wonder carnations. W. W. Rike, Le Roy, Ill.

NEW DOUBLE MARGUERITE, MRS. F. SANDER, a good variety, free and easy grower. Strong plants, 2-in. pots, $5.00 per 100; $40.00 per 1000.
S. J. Reuter & Son, Inc., Westerly, R. I.

Daisies. Queen Alexandra and large yellow. R. C., $1.25 per 100, $10.00 per 1000; strong 2½-in., $3.00 per 100, $25.00 per 1000. 250 at 1000 rate. Krueger Bros., Toledo, O.

2000 Queen Alexandra marguerites, extra fine plants, 2½-in., ready for 4-in., must make room, $1.50 per 100. Cash.
C. A. Musser, Doylestown, O.

Daisies (bellis). Snowball and Longfellow seedlings for transplanting, $2.00 per 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

1000 yellow daisy rooted cuttings, best for winter blooming, $10.00 for the lot.
Rohr The Florist, Naperville, Ill.

Daisies. White marguerites, 3-in., $4.00 per 100. Mrs. F. Sander, 2¼-in., 4c. Cash with order. Aurora Greenhouse Co., Aurora, Ill.

Marguerites, white, 2¼-in., 2c; 2½-in., ready for 4-in., 3c. Dandy.
Hammerschmidt & Clark, Medina, O.

Winter flowering yellow marguerites, the right kind; unrooted, $2.00 per 100; rooted, $4.00 per 100. Cash. A. E. Monroe, Wellesley Farms, Mass.

Shasta daisy plants, field-grown, $1.00 per 100; $7.50 per 1000. Cash or C. O. D.
E. J. Sheffield, Alvin, Texas.

Marguerites, large and small flowering, 2-in., $2.00 per 100; 3-in., $4.00.
Rober & Radke, Maywood, Ill.

Marguerites, white, 2-in., very strong, $2.50 100; well rooted, $1.00 100.
Hopkins & Hopkins, Chepachet, R. I.

Queen Alexander and yellow daisies, 4-in., fine, bushy stock, $6.00 per 100. Cash.
P. N. Obertin, Kenosha, Wis.

Daisies, Paris. Rooted cuttings, giant yellow and white, $1.00 per 100; 2-in., 2c.
Byer Bros., Chambersburg, Pa.

Marguerites, Queen Alexandra, Yellow Castle, best yellow, and California, white, $1.25 per 100 prepaid. S. W. Pike, St. Charles, Ill.

Giant marg., yellow, white, 2-in., $1.60 100. Cash.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Yellow daisies, 2½-in., $2.50 per 100.
Willis W. Kinyon, South Bend, Ind.

DRACAENAS.

Dracaena indivisa, good and strong, 24 in., and over, high, 4-in., ought to be in 5-in., $10.00 per 100. Want of room. Cash.
J. Bauers, 2010 Spring Rd., S. W., Cleveland, O.

Dracaena indivisa from 3-in. pots, 15 to 18 in. high, ready for a shift, $5.00 per 100. Cash or satisfactory reference.
C. F. Mahan, R. D. 8, Dayton, O.

Dracaena terminalis rosea. Beautiful, well colored plants, from 6-in. pots, 24 to 30 in., $9.00 doz., worth $15.00.
Avenue Floral Co., New Orleans, La.

Dracaena indivisa, strong 3-in., ready for a shift, $4.00 per 100.
R. B. Kilbury, R. R. 1, Dayton, O.

Dracaena indivisa, 3-in., $3.00 per 100, or will trade for young rose stock.
Haentze Co., Fond du Lac, Wis.

3000 Dracaena indivisa. Good strong 2¼-in., 2½c, 3-in., 5c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dracaena indivisa. Strong 5-in. pot plants, 10c; 3-in., $3.00 per 100. Buy now.
Wm. Eschrich Co., North Milwaukee, Wis.

Dracaena terminalis, fine young 2½-in. stock, $10.00 per 100.
Julius Roehrs Co., Rutherford, N. J.

Dracaena indivisa, strong, 2½-in., 2½c each.
W. D. Gates, McGraw, N. Y.

Dracaena indivisa, 4-in., 10c; 5-in., 15c. Bargain. Baur Floral Co., Erie, Pa.

Dracaena indivisa, strong 2-in., $1.35 100.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Dracaena indivisa, 3-in., $5.00 per 100; $40.00 per 1000. L. Potter & Sons, Waukegan, Ill.

Dracaena indivisa, 3-in., 5c each.
Willis W. Kinyon, South Bend, Ind.

Dracaena indivisa, 4-in., $10.00 per 100. Cash.
Bannister Bros., Syracuse, N. Y.

FERNS.

FERNS MY SPECIALTY.
ASSORTED FERNS FOR FERN DISHES, strong 2¼-in. stock in hardiest and best varieties, $3.00 per 100; $25.00 per 1000.
CIBOTIUM SCHIEDEI. Grandest stock ever offered of this most magnificent fern, 3-in., $3.50 per doz., $25.00 per 100; 4-in., $5.00 per doz., $40.00 per 100; 8-in., $2.25; 9-in., $3.50; 10-in., $4.50; 12-in., $6.50 each.
ADIANTUM CROWEANUM, 4-in., $2.00 per doz.; $15.00 per 100.
ADIANTUM CUNEATUM, 2¼-in., $3.50 per 100, $30.00 per 1000; 4-in., nice full plants, $12.00 per 100.
ADIANTUM FARLEYENSE, 4-in., $5.00 per doz.; $40.00 per 100.
ADIANTUM REGINAE and RHODOPHYLLUM, splendid 4-in. stock, $4.50 per doz., $35.00 per 100.
ASPARAGUS PLUMOSUS NANUS, 2¼-in., $3.00 per 100; $25.00 per 1000.
ALSOPHILA AUSTRALIS, a very pretty tree fern, 7-in., $1.50; 10-in., $4.00 each.
J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

FERNS FOR IMMEDIATE DELIVERY.
EXTRA GOOD QUALITY STOCK.
BOSTON.

	100		100
4-inch	$10.00	8-inch	$80.00
5-inch	25.00	9-inch	each, 1.25
6-inch	40.00	10-inch	each, 1.50
7-inch	60.00	12-inch	each, 2.00

WHITMANI.

	100		100
6-inch	$45.00	8-inch	$80.00

ASPARAGUS PLUMOSUS.
3-in., $6.00 per 100.
R. R. DAVIS CO., MORRISON, ILL.

TABLE FERNS in best mixed varieties, from 2¼-in. pots, $30.00 per 1000; 250 at same rate. I have a large stock to select from. Sure to please.
All out of town orders are cash with order, please.
B. SOLTAU FERNERY,
2199 Grant Ave., Jersey City, N. J

Boston ferns, 6-in. pots, 45c ea., $40.00 per 100. Whitmani ferns, 4-in., 20c ea., $15.00 per 100; 5-in., 30c ea., $25.00 per 100; 6-in., 45c ea., $40.00 per 100; 7-in., 60c ea., $55.00 per 100; 8-in., 75c ea., $70.00 per 100. Ficus elastica, 35c, 50c and 75c ea. Cash, please.
Queen City Floral Co., Manchester, N. H.

Ferns. Good, strong pot-grown Amerpohlii, Elegantissima, Piersoni, Boston and Superbissima, 3-in., $7.00 per 100; 4-in., $12.00 per 100, $110.00 per 1000; 5-in., $18.00 per 100. This is all excellent stock and worth more money but I must have room.
Andrew Peterson, Hoopeston, Ill.

FERNS FOR JARDINIERES for immediate use. Bushy, well grown plants, 6 to 8 best varieties, from 2¼-in. pots, $3.00 per 100; $25.00 per 1000.
COCOS WEDDELIANA, 2¼-in. pots, right for centers, $10.00 per 100.
Thos. P. Christensen, Short Hills, N. J.

Nephrolepis exalta Bostoniensis. Booking orders now. Fine, strong runners, $10.00 per 1000. Nephrolepis exaltata, same price as above. Nephrolepis davallioides furcans. Strong runners, $2.50 per 100. J. J. Soar, Little River, Fla.

ROOSEVELT FERN IS A WINNER.
2½-in. .....$2.00 per doz.; $15.00 per 100
3-in. ..... 2.50 per doz.; 17.50 per 100
F. O. B. West Grove.
Conard & Jones Co., West Grove, Pa.

Fern dish ferns, assorted, $3.00 per 100; $25.00 per 1000.
Aspidium tsussimense and Cyrtomium falcatum, $3.50 per 100; $30.00 per 1000.
Storrs & Harrison Co., Painesville, O.

Boston ferns, fine stock, for 6-in., 25c; 4-in., 12c. 25,000 Boston ferns, for 2 and 3-in., immediate or future shipments, also Whitmani, $20.00 per 1000. Cash.
A. E. Monroe, Wellesley Farms, Mass.

Boston ferns, 4-in., $10.00 per 100, $90.00 per 1000; 2-in., $2.00 per 100, $18.00 per 1000. This stock is extra good; I need the room at once and ferns must go.
H. C. Brown, Yellow Springs, Colo.

Boston ferns from bench, stronger than 2½-in. pot grown, $3.50 100; $30.00 1000. Fine stock and packed well.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Ferns for dishes, assorted varieties, 2½-in. pots, $3.50 per 100; $30.00 per 1000. 500 at 1000 rate. Cash with order.
Frank Oechslin, 4911 W. Quincy St., Chicago.

Boston ferns, 5-in., $25.00 per 100; 6-in., $40.00 per 100. These were potted in September and are good, strong, well grown plants.
Crown Point Floral Co., Crown Point, Ind.

Ferns for dishes, transplanted, ready for potting, five varieties, $1.00 per 100, $9.00 per 1000; 2-inch, 8 varieties, $3.00 per 100; $25.00 per 1000. Cash, please. Rober & Radke, Maywood, Ill.

Ferns, Boston and Whitmani. We have 30,000 fine 4-in., $12.50 per 100. Cash, please.
Reeser Plant Co., Springfield, O.

Boston ferns, ready for shift, 4-in., $12.00 per 100; 3-in., $7.00 per 100.
Thos. Salveson, Petersburg, Ill.

Boston ferns, 5-in. pots, good, strong and healthy, to make room, 16c. Cash with order.
C. C. Walker, Danville, Ill.

Boston ferns, strong runners, $10.00 per 1000. Write for special price on 5,000 to 20,000 lots.
F. M. Soar, Little River, Fla.

Boston ferns, grown for our own use but have too many; 5-in., 35c; 6-in., 50c; $6.00 per doz.
D. R. Herron, OLEAN, N. Y.

Table ferns, in good varieties, out of 2¼-in. pots, $3.00 per 100. Cash, please.
J. H. Fiesser, Guttenberg, N. J.

Whitmani, Bostoniensis and Piersoni ferns, 4-in., 15c ea; 5-in., 25c ea.; 6-in., 50c ea.
Koerbel Bros., Jeanette, Pa.

Bench ferns. Elegantissima, Amerpohlii, Scholzeli, 3, 4 and 5-in., 6c, 10c, 12c. Cash.
Byer Bros., Chambersburg, Pa.

Croweanum ferns, nice stock out of 4-in. pots, $8.00 per 100.
Pittsburgh Cut Flower Co., Gibsonia, Pa.

Boston and Whitmani runners, $2.00 100. Bostons, 2½-in., extra good, $4.00 100. Cash with order. J. T. Cherry, Athens, Ill.

Boston and Whitmani ferns, 5-in., 30c; 6-in., 50c. Cash. Bannister Bros., Syracuse, N. Y.

Boston ferns, 4-in., 10c; 5-inch, 20c.
Baur Floral Co., Erie, Pa.

Boston ferns, 6-in., $6.00 doz.
N. A. Nielsen, Carroll, Iowa.

Boston fern rooted runners, extra fine, 2 to 5 fronds. $2.00 100. A. J. Baldwin, Newark, O.

Boston ferns, 4-in., $12.50 100.
J. W. Ross Co., Centralia, Ill.

Boston ferns, 2½-in. stock, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Boston fern runners, 2 to 4 leaves, $2.00 per 100. P. Pearson, 5734 Gunnison St., Chicago.

FEVERFEW.

Feverfew Little Gem, $1.00 100, free by mail; $9.00 1000, free by express.
Henry Krinke & Son, St. Paul, Minn.

Feverfew rooted cuttings, nice stock, $1.00 per 100; $8.00 per 1000.
Batavia Greenhouse Co., Batavia, Ill.

Feverfew Little Gem, $1.00 per 100; $8.00 per 1000 express prepaid. S. W. Pike, St. Charles, Ill.

Feverfew, double white, 2¼-in., 2c. Fine plants. Hammerschmidt & Clark, Medina, O.

FORGET ME NOTS.

Forget-me-nots, best everblooming, $1.25 per 100 by mail. S. W. Pike, St. Charles, Ill.

FUCHSIAS.

Fuchsia Little Beauty, the true stock, best fuchsia extant, 2¼-in., $4.00 per 100, $35.00 per 1000; 250 at 1000 rate. Rooted cuttings, $1.50 per 100. Baur Floral Co., Erie, Pa.

Fuchsia, 5 best varieties. Little Beauty, true; Renan, White Beauty, Lord Byron, Tenuer, 2¼-in., $4.00 per 100.
R. J. Irwin, 3097 Broadway, New York, N. Y.

Fuchsias, 8 of the best sorts, including Black Prince, all early and free flowering, 2¼-in., $2.00 per 100; 3-in., $3.00 per 100, 200 for $5.00.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Fuchsias, 5 good kinds. R. C., 80c; extra strong 2's, 2c. Cash.
E. W. Byer, Prop., S. Fl. Co., Shippensburg, Pa.

Fuchsias, assorted varieties. Rooted cuttings, $1.00 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

Fuchsias in assorted colors, good market varieties. Rooted cuttings, $1.25 per 100.
N. O. Caswell, Delavan, Ill.

Finest double fuchsias, dwarf habit. Strong, well-rooted cuttings, $1.00 100; $8.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Fuchsia rooted cuttings. Black Prince and other good sorts, $1.00 per 100; $8.00 per 1000.
G. E. Fink, Kenilworth, N. J.

Fuchsias, six best varieties, 3-in., very strong, 5c; 2-in., 2c. Bell Floral Co., Franklin, Pa.

Mixed fuchsia rooted cuttings, 75c 100.
U. G. Harglerode, Shippensburg, Pa.

Fuchsias, fine assortment of best kinds, $1.25 per 100 by mail. S. W. Pike, St. Charles, Ill.

GENISTAS.

Genistas, strong bushy 3-in. stock, in bud, lot of 600, $45.00 or $8.00 100.
Gloede, Evanston, Ill.

Genistas, very bushy and in bud, 4-in., $10.00 per 100.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Genista rooted cuttings, $1.50 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

GERANIUMS.

Geranium rooted cuttings. Ricard, Trego, D. Dryden, Viaud, Dagata, Poitevine, Landry, Recamier, $14.00 per 1000. Nutt, Meehan, Presilly, Harcourt, $12.00 per 1000. Baudrier, Oberle, Col. Thomas, Lawrence, Charlotte, Hill, Bisquit, $1.50 per 100. Lecadre, La Favorite, Le Cid, Montmort, $1.35 per 100. Above assorted, $13.00 per 1000. Red Wing, $3.00 per 100. Cash with order.
J. P. Siebold, Lancaster, Pa.

GERANIUM ROOTED CUTTINGS.
S. A. NUTT, DE MONTMORT, DOUBLE WHITE.
$1.25 per 100; $12.00 per 1000.
VIAUD AND RICARD.
$1.50 per 100; $14.00 per 1000.
Ready for immediate delivery.
Cash with order.
L. H. DORNBUSCH,
Hills and Dales Greenhouses, Dayton, O.

Geraniums. A No. 1 rooted cuttings. Nutt, Viaud, Doyle, Tiffany, Buchner, La Favorite, $11.00 per 1000. 2-in. Nutt, Buchner, La Favorite, Viaud, $20.00 per 1000. 15 of the best varieties, 2¼-in., mixed, $18.00 per 1000. 15 of the best varieties, mixed, cuttings, $9.00 per 1000. Rose geraniums, 2½-in., $2.50 per 100. Pelargoniums, 2¼-in., 10 varieties, $4.00 per 100. Cash. Dana R. Herron, Olean, N. Y.

Geraniums for immediate delivery; good, strong 2-in. stock. Nutt, Viaud, Presilly, Buchner and F. Blanc (white), $2.00 per 100; $18.50 per 1000. A. Ricard and B. Poitevine, $2.50 per 100; $25.00 per 1000. Also about 2650 good 2-in. that were accidently mixed, $1.75 per 100; $17.00 per 1000. Cash with order.
N. E. Beck Floral Co., Massillon, O.

30,000 S. A. NUTT.
A No. 1 stock for delivery Feb. 20th to 30th, $1.50 per 100; $14.00 per 1000. DBLE GEN. GRANT, MME. BUCHNER and BEAUTE POITEVINE for March delivery. Write.
W. T. Buckley Co., Springfield, Ill.

GERANIUMS—Extra strong 2-in. stock for immediate or later delivery. Nutt, Viaud, Poitevine, Ricard, Sloan, Perrillon, Single and Double White, etc., all ready to shift, $3.00 per 100; $25.00 per 1000.
Elitch-Long Greenhouses, Denver, Colo.

Geraniums, 2½-in. Nutt, La Favorite, $2.50 per 100; $22.50 1000. Poitevine, Jean Viaud, Harrison, Redfield, Perkins, Rose, $3.00 100; $25.00 1000. Mme. Salleroi, 2-in., $2.00 100, $18.00 1000; 500 at 1000 rate. Cash, please.
Rober & Radke, Maywood, Ill.

Geraniums, 2½-in., fine plants. S. A. Nutt, C. Harcourt and Paumpack, the best cerise pink geranium in sight, throws more blooms than Nutt and is just as good a bedder, $2.50 per 100; $22.50 per 1000. Myers & Co., Bluffton, Ind.

Geranium rooted cuttings ready now. Ricard, Poitevine, Viaud, Doyle, Jaulin, Castellane, Perkins, $14.00 per 1000. Nutt and Buchner, $12.00 per 1000. Cash with order.
Fred W. Ritchy, Lancaster, Pa.

Geraniums. Martha Washington, best kinds, assorted, $2.50. The new variegated leaf S. A. Nutt, strong stock, $5.00. Mme. Salleroi, $1.25 per 100. Express prepaid.
S. W. Pike, St. Charles, Ill.

Geranium rooted cuttings. Mme. Buchner, now, at $11.00 per 1000. Other sorts later part of March.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

12,000 geraniums. Nutt, Ricard, Viaud, Buchner, Grant, 2¼-in., fall rooted, wood a little hard but a bargain at $1.75 per 100; $16.00 per 1000. Burdell Floral Co., Bowling Green, Ky.

2000 geraniums, large, strong, ready for 5-in. pots, 6 colors of the best sellers, 5c; $40.00 per 1000. 500 Mountain of Snow, large 3-in., 4c; $17.50 for lot. Cash. C. W. Harrold, Decatur, Ill.

Geraniums, S. A. Nutt and five other varieties. My selection, 2½-in. pots, $3.00 per 100; $25.00 per 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Geranium rooted cuttings for delivery through April. S. A. Nutt, $11.50 per 1000; Ricard and Poitevine, $14.00 per 1000.
Albert M. Herr, Lancaster, Pa.

1000 Mme. Salleroi rooted cuttings, nice, clean, $9.00 for the lot.
Rohr The Florist, Naperville, Ill.

Rose geraniums, strong 2¼-in., $2.50 100; well rooted, $1.00 100.
Hopkins & Hopkins, Chepachet, R. I.

Geraniums. Buchner, white; La France, salmon; 2¼-in., $2.00 per 100; $18.00 per 1000.
Smith & Van Aart, Newtown, Pa.

Salleroi. Strong rooted cuttings, $10.00 per 1000; 2½-in., $3.00 per 100.
Jacob Russler, Morgan Park, Ill.

Geraniums. Mme. Buchner, Frances Perkins and Clyde, 2¼-in., $2.50 per 100; $20.00 per 1000.
So. Bend Floral Co., So. Bend, Ind.

Mme. Salleroi, strong 2-in., ready for 3-in., $2.00 per 100; $18.00 per 1000. Cash, please.
Restland Floral Co., Mendota, Ill.

A. Ricard, best red, 2 and 2½-in., 2½c; rooted cuttings, 1½c. Cash.
Theo. D. Kuebler, R. R. 6, Evansville, Ind.

Geranium rooted cuttings, S. A. Nutt and pink, $12.50 per 1000. O. A. Stoll, Oxford, Mich.

GERANIUMS—Continued.

Geranium Mme. Salleroi, strong 2¼-in., $2.50 per 100.
Storrs & Harrison Co., Painesville, O.

Geraniums, Nutt and Buchner, 2-in., 2c, $18.00 per 1000; 2½-in., 2½c, $23.00 per 1000.
Cherry Park Gardens, Fredonia, N. Y.

Geranium Mme. Salleroi, 2½-in. stock, $3.00 per 100; $25.00 per 1000.
Holton & Hunkel Co., Milwaukee, Wis.

Geraniums, 2000 extra strong 2¼-in. S. A. Nutt, $20.00 per 1000.
Arthur Harbison, Harrodsburg, Ky.

Double Gen. Grant and Buchner, out of 2 and 2½-in. pots, strong stock, $2.00 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

Mme. Salleroi, good, strong, rooted cuttings, $1.00 per 100; $8.50 per 1000. Cash.
Henry Swaby, St. Charles, Ill.

Mme. Salleroi R. C., $1.00 per 100, $9.00 per 1000; 2-in., $2.00 per 100, $18.00 per 1000.
Krueger Bros., Toledo, O.

2000 S. A. Nutt and 1000 La Favorite geraniums, strong 2½-in., ready for shift, $23.00 per 1000. Cash. P. N. Obertin, Kenosha, Wis.

Geraniums, 2¼-in. Salleroi, 2¼c; Nutt, 2½c. Choice. Hammerschmidt & Clark, Medina, O.

Ivy geraniums, mixed, fine plants, $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

Mme. Salleroi, ready for shift, 2-in., $2.00 per 100. Thos. Salveson, Petersburg, Ill.

S. A. Nutt geraniums, 2½-in., $2.50 100.
Erie Floral Co., Erie, Pa.

Rooted geranium cuttings, $2.00 per 100; not rooted, $1.00. Austin Floral Co., Austin, Texas.

GLADIOLI.

Gladiolus. Augusta, Brenchleyensis, Baron J. Hulot, Canary, Canary Bird, Dora Krais, Elizabeth Kurtz, Grenadier, Grace Henry, Buchanan, Independence, Klondyke, Jessie, Mme. Monneret, Mrs. King, Nezinscott, Niagara, Panama, Peace, Princeps, Safrano, Taconic, Willie Wigman. Fine mixed. Send list for prices.
C. Betscher, Canal Dover, O.

Gladioli, mixed, new strain, pronounced by the leading florists of Cleveland and Pittsburgh to be superior to many of the mixed varieties now offered; 1 to 1½-in., $6.00 per 1000; ½ to ¾-in., $2.50 per 1000; ½-in. and less, $1.25 per 1000; corms, prepaid, 50c per 1000.
J. M. Bogner, Calla, O.

Gladioli, American, Augusta, Pink Augusta, Mrs. Francis King, Brenchleyensis, Mme. Monneret, Klondyke, Taconic, Rosella, Scarsdale, La Pactole, 1900, White and Light, Groff's mixture, etc. Large, strong, healthy bulbs, also bulblets. Write us for prices.
Franklin Nursery, Sta. F, Minneapolis, Minn.

Gladioli. Europa, the finest white in existence, $2.50 each. Pres. Taft, Jean Dieulafay, Alice Carey, No. 312, Independence and Silver Trophy Sec. 2 mixtures; also bulblets of America, King, Klondyke, etc.
G. B. Babcock, R. D. 80, Jamestown, N. Y.

Gladiolus. Alice Carey, best commercial white, No. 1, $5.00 per 100; $40.00 per 1000. Golden Nugget, fine glistening yellow, $6.00 per 100; $50.00 per 1000.
E. Y. Teas & Son, Centerville, Ind.

Gladioli. Augusta, May, Ceres, Brenchleyensis, De Cheville, Easter, George Paul, Pres. Taft, Mme. Monneret, Baron Jules Hulot, mixtures, etc. Send for list.
Stevens Gladioli Co., Saginaw, W. S., Mich.

GLADIOLUS—Augusta, Independence, Mme. Monneret, Mrs. Francis King, Taconic, etc., at special prices in first size; also bulblets.
NATIONAL CO-OPERATIVE SHOW GARDENS, Box 1200. Spencer, Ind.

Mixture of Groff's Hybrid seedlings, 1½-in. and up, $6.00 per 1000; 1¼ to 1½-in., $4.50 per 1000. Planting stock of above mixture at a bargain. W. E. Kirchhoff Co., Pembroke, N. Y.

Gladiolus. America, 1st size, $35.00 per 1000. White Lady, the only pure white in commerce, 1st only, $12.00 per 100. Cash.
Haentze Co., Fond du Lac, Wis.

We want planting stock and bulblets of Augusta and other standard sorts.
W. K. Fletcher Bulb & Floral Co.,
Route 5, Des Moines, Ia.

Gladioli. See display adv. in this issue.
E. E. Stewart, Rives Junction, Mich.

GREVILLEAS.

Grevilleas, 4 and 5-in., 20c.
Anderson Floral Co., Anderson, S. C.

HARDY PLANTS.

German iris, 10 varieties, $2.00 per 100, $18.00 per 1000; mixed, $1.50 per 100. Japan iris, $10.00 per 100. Funkia coerulea, $3.50 per 100. Hemerocallis fulva and flore pleno, $3.00 per 100. Oriental poppies, $5.00 per 100.
H. H. Kern, Banner Springs, Kan.

HELIOTROPES.

Heliotropes, 2-in. Mme. Bruant, the finest dwarf; and Centifleur, $3.00 per 100. La Duse and white, $2.50 per 100. Rooted cuttings ready now; Mme. Bruant and Centifleur, $1.50 per 100. La Duse and white, $1.25 per 100.
N. O. Caswell, Delavan, Ill.

Heliotrope rooted cuttings, 70c per 100; $6.00 per 1000; by mail, 10c per 100 extra; 2¼-in., $2.00 per 100, $18.00 per 1000. Positively cash with order. Aurora Greenhouse Co., Aurora, Ill.

Heliotropes, extra fine; 2¼-in. pots, $2.00 per 100; 1¾-in. pots, $1.50 per 100. Cash, please.
J. E. Felthausen,
154 Van Vranken, Schenectady, N. Y.

Heliotropes, fine, 2-in. pots, $1.75 per 100; $17.00 per 1000. Cash.
Geo. A. Relyea, Poughkeepsie, N. Y.

Heliotropes, dark; good stock. Strong and well-rooted cuttings, 75c 100; $6.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Heliotropes. Czar, Czarina, Jersey Beauty, etc., $2.50 per 100.
Storrs & Harrison Co., Painesville, O.

Heliotropes, dark blue, 2-in., $2.00 per 100. Cash, please. Rober & Radke, Maywood, Ill.

Heliotrope, rooted cuttings, 70c per 100; 2¼-in. pots, 2c. C. H. Jacobs, Westfield, Mass.

Heliotropes, blue. R. C., 60c; 2-in., $1.35 100. Cash. E. W. Byer, Shippensburg, Pa.

Heliotrope, dark, 2-in., 2c.
U. G. Harglerode, Shippensburg, Pa.

HYDRANGEAS.

HYDRANGEA ARBORESCENS GRANDIFLORA, fine nursery grown plants, 15 to 20-in., $7.00 per 100; $60.00 per 1000. Plants, nursery grown, well rooted, 8 to 12-in., $4.00 per 100; $35.00 per 1000.
E. Y. Teas & Son, Centerville, Ind.

Hydrangea Otaksa, dormant, 4-in., $15.00 per 100; 5-in., $25.00 per 100.
D. U. Augspurger & Sons Co., Peoria, Ill.

Hydrangea Otaksa, 5-in., 15c; 6-in., 25c; field-grown, with one crown, 6c.
Baur Floral Co., Erie, Pa.

Hydrangea Otaksa, 2½-in., strong, dormant, 8c; 5-in., 25c; 6-in., 35c. Fine plants.
Cottage Greenhouses, Litchfield, Ill.

Hydrangea Otaksa, 1-year-old, field-grown, $10.00 per 100.
Fred Boerner, Cape May City, N. J.

Hydrangea Otaksa, 7 to 10-in.; write for prices. Jacob Russler, Morgan Park, Ill.

IMPATIENS.

1000 large bushy Impatiens Sultani, 3-in., 5c; $45.00 per 1000. Cash.
C. W. Harrold, Decatur, Ill.

Impatiens Sultani rooted cuttings, $1.00 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

Impatiens Holstii R. C., strong, $1.00 per 100.
Krueger Bros., Toledo, O.

Impatiens Sultani, red. Strong R. C., $1.00 per 100. Cash. J. P. Siebold, Lancaster, Pa.

IVIES.

GERMAN IVY.
2-in. pots, strong plants.
We have another large lot of good, strong plants that will make 4-in. plants for Memorial day sales; they are truly a great bargain at $1.50 per 100. Also have 2½-in. plants at $2.00 per 100.
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English ivy rooted cuttings, 6 to 10 in., $1.50 per 100; $10.00 per 1000. Clematis paniculata, 2-yr., 7c; 3-yr., 8c. Ampelopsis Veitchii, 1-yr., 4c; 2-yr., 8c; 3-yr., 12c. All field plants and long live tops. GET MY LIST.
Benj. Connell, Florist, Merchantville, N. J.

German ivy. R. C., 50c per 100, mailing 10c; 2¼-in., 2½c.
English ivy, 2½-in., 4c; R. C., $1.00 100, $9.00 1000.
Kenilworth ivy R. C., 50c 100; 2-in., 2c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

English ivy, 3-in., fine stock, large leaved, $5.00 per 100; rooted cuttings from flats, strong, $1.25 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

4000 hardy English ivy out of 3-in. pots, 10 to 15 in. long, average 2 plants to the pot, $5.00 per 100. Cash with order, please.
S. V. Smith, Roy and Goodman, Philadelphia, Pa.

Ivy rooted cuttings. German, 60c 100. Kenilworth, 60c 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

German ivy rooted cuttings, 60c postpaid; 2½-in., $2.00 and $2.50 100.
C. H. Jacobs, Westfield, Mass.

English ivy, strong 4-in., 3 to 4 ft. of tops, $12.00 per 100; 2-in. pots, $3.50 per 100.
Storrs & Harrison Co., Painesville, O.

Ivy, German, 60c; English, 75c; prepaid English, 2½-in., $3.00.
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English ivy, strong 4-in. stock, excellent for spring sales, $8.00 per 100.
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German ivy, strong, well rooted, 75c 100.
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German ivy rooted cuttings, 60c per 100; $5.00 per 1000. Henry Dornbusch, R. R. 2, Dayton, O.

English ivy rooted cuttings, $1.00 per 100.
R. S. Hoxie, Mattapoisett, Mass.

English ivy, out of 4-in., 3 to 4 ft., fine, $8.00 per 100. J. C. Schmidt, Bristol, Pa.

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Lantanas, 8 varieties, 2-in., 2½c; R. C., $1.50 100 prepaid. A. J. Baldwin, Newark, O.

Lantanas, 3 vars., strong, thrifty, 2-in., $2.00 per 100. Wingert & Ulery, Springfield, O.

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Lilies of the valley, Bruns' Celebrated Chicago Market brand, finest in existence, $2.00 per 100; $17.00 per 1000. Bruns' Early Forcing Valley, florists' moneymaker, $1.75 per 100; $15.00 per 1000.
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LOBELIAS.

Lobelia Kathleen Mallard, the new double. I have 50,000 extra large and well rooted cuttings, transplanted into soil, and if you want good, clean, healthy stocks for spring trade, order now. Well packed to stand any weather; satisfaction guaranteed. 65c per 100, by mail; $4.50 per 1000, by express.
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Lobelia Kathleen Mallard, the new double. We have an immense stock of well rooted cuttings, transplanted in soil last October and kept growing on, 50c per 100 by mail; $4.00 per 1000 by express. 500 at 1000 rate.
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Lobelia R. C. Crystal Palace (best single), 50c per 100, mailing 10c; 2¼-in., 2½c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Lobelia Kathleen Mallard, extra fine 2-in., $2.00 per 100.
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LUPINES.

Lupines, the best cut flower sorts, white, blue, pink and yellow. A few thousand good strong plants, from soil, $1.00 per 100; $9.00 per 1000. E. Rawlings, Wholesale Grower, OLEAN, N. Y.

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Madeira vines, $4.00, $8.00, $12.00 1000.
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MOONVINES.

15,000 moonvines, large 2½-in., extra fine, buy now and propagate. Grandiflora, $3.00 per 100; maxima, $4.00 per 100.
Burdell Floral Co., Bowling Green, Ky.

MOSCHOSMAS.

Moschosmas, strong, well shaped, fine 4-in. stock plants, 10c each. Cash.
The Newburys, Mitchell, S. D.

NURSERY STOCK.

NURSERY STOCK.

Size	100	500	Car lots
Elm ...6-8	$0.08 ea.	$0.07½ ea.	$0.07 ea.
Elm ...8-10	.15 ea.	.14 ea.	.13 ea.
Elm ...1½-in. cal.	.23 ea.	.22 ea.	.20 ea.
Elm ...2-in. cal.	.30 ea.	.28 ea.	.25 ea.
Maple ..6-8	.07 ea.	.06½ ea.	.06 ea.
Maple ..8-10	.11 ea.	.10 ea.	.09 ea.
Maple ..1½-in. cal.	.18 ea.	.17 ea.	.16 ea.
Maple ..2-in. cal.	.25 ea.	.24 ea.	.23 ea.
Box Elder...6-8	.08 ea.	.07½ ea.	.07 ea.
Box Elder...8-10	.12 ea.	.10 ea.	.09 ea.

White Birch.2½-in. cal. .50 ea.
White Birch.3-in. cal. .65 ea.
Honey Locust.2-in. cal. .90 ea.
Honey Locust.2½-in. cal. 1.00 ea.
Colorado Blue Spruce 3-4 ft., 2.00 ea.
This stock is A No. 1 every way and is standing in the nursery now. It is on leased ground and must be moved this spring. Packing at cost on less than carload lots; no packing charges on carloads. Can ship any time after April 5.
The Newburys, Mitchell, S. D.

900 white snowberry, 2½ to 3½ ft....$6.00 100
1500 golden willow, 3 to 4 ft..... 5.00 100
800 buckthorn, 4 to 5 ft..... 6.00 100
1900 S. Van Houttei, 2½ to 3½ ft..... 6.00 100
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A fine lot of leaf mould, $1.50 per sack. Laurel, redwood, manzanita, D. spruce, toyon berry (or Christmas berry), woodwardia ferns, any at $25.00 per 100.
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Nursery stock. Shade trees, fruit trees, shrubs, roses and peonies.
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Pendanus utilus, 3-in., $10.00 per 100; 4-in., $20.00 per 100.
Cocos Weddeliana, 2½-in., $10.00 per 100.
Kentia Belmoreana, 6-in. pots, 5 to 6 leaves, 24-in. high, $1.00 each; 7-in. pots, 6 leaves, 24 to 26 in. high, $1.50 each.
Kentia Forsteriana, 7-in. pots, 40 to 44 in. high, 5 to 6 leaves, $2.50 each; 8-in. pots, 44 to 48 in. high, 5 to 6 leaves, $3.50 each.
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J. J. Soar, Little River, Florida.

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Phoenix Roebelenii, 6-in. pots, 1 to 2 ft. high, $1.00 each; 7-in., $2.00 each.
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Kentias. Big stock. Write for prices.
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HOME OF PANSIES.
Orders booked for shipment as soon as weather permits getting them out, $2.50 per 1000.
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Pansies, fancy prize varieties, superb mixture as usual; large transplanted plants, $2.50 per 1000; 50c per 100.
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Peony edulis superba, earliest, brightest, best for Decoration day, $5.00 per 100. Special prices on larger lots. Large assortment; send for list.
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Peonies in any quantity. Write for prices on list of your wants.
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Dreer's double petunias, selected large flowering doubles, finely fringed, mixed colors. Rooted cuttings, $1.00 100, $9.00 1000. Cash.
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Double fringed petunias, 15 varieties, Dreer's and other collections, 2-in., 2c. Also R. C. of double petunias.
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Petunias, choice double pink, red and white, 2¼-in., 3½c. A bargain.
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ONE-YEAR-OLD, TRUE STOCK.
EXTRA SELECT, $8.00 PER 100.
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3½-inch	7.00	60.00
BABY PRIMROSE, 2-in.	2.00	18.00

Cash with order.
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Primulas. Chinese, all colors, in bud or bloom, 3-in., $5.00 per 100. Kewensis and Forbesi, 3-in., $5.00 per 100. Obconica grandiflora and gigantea, 2½-in., $3.50; 3½-in., $5.00 per 100. All in bud or bloom. Cash, only.
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Chinese primroses, finest fringed mixture, 2¼-in., 2½c. Cash.
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Primula obconica grandiflora, 3-in., 5c; 4-in., 10c. M. S. Wiecking Co., Bluffton, Ind.

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CALIFORNIA PRIVET.

1-yr., 2 to 3 ft., 3 to 6 branches	$12.00	1000
2-yr., 18 to 24 in., 5 to 8 branches	12.50	1000
2-yr., 2 to 3 ft., 5 to 8 branches	15.00	1000
2-yr., 3 to 4 ft., 5 to 8 branches	20.00	1000

AMOOR RIVER PRIVET.

2 to 3 ft., well branched	$25.00	1000
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Southside Nurseries, Chester, Va.

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6 to 12 inches	$ 4.00	per 1000
1 to 2 feet	4.50	per 1000
2 to 3 feet	12.00	per 1000
3 to 4 feet	18.00	per 1000

Oak Lawn Nursery, Huntsville, Ala.

200,000 Cal. privet, 4 to 6 branches, $12.00 per 1000. All sizes. Large stock of Ampelopsis Veitchii, Clematis paniculata, 1, 2 and 3-yr.-old, and most all other good things for florists. Get my list before you buy.
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California privet, extra heavy, 3 to 4 ft., $25.00 per 1000; heavy, 2 to 3 ft., $18.00 per 1000; well branched, 16 to 24 in., $12.00 per 1000. In perfect condition. Good roots and good packing.
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CALIFORNIA—Any quantity, size, age. Not any better grown. Write for prices on it. Fruit and ornamental trees, shrubbery, etc.
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Genuine hardy Amoor River, North and hardy Ibota Privet, $1.50 per 100 and up.
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Rhododendron, special forcing varieties, 8 to 12 buds, 18 in. high, 75c each; 12 to 14 buds, 24 in. high, $1.00 each. Bright colored sorts with perfect foliage.
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OWN ROOT, 2¼-inch—	100	1000
Double White Killarney	$25.00	$200.00
Killarney Queen	25.00	200.00
Sunburst	30.00	250.00
Lady Hillingdon	20.00	150.00
Prince de Bulgarie (Taft)	7.50	60.00
Mrs. Aaron Ward	10.00	90.00
Double Pink Killarney	12.00	100.00
Melody	12.00	100.00
Pink Killarney	8.00	70.00
White Killarney	8.00	70.00
Maryland	8.00	70.00
Radiance	8.00	70.00
Richmond	8.00	70.00
GRAFTED, 2¼-inch—		
Double White Killarney	30.00	250.00
Killarney Queen	30.00	250.00
Sunburst	35.00	300.00
Lady Hillingdon	25.00	200.00
Prince de Bulgarie (Taft)	15.00	120.00
Mrs. Aaron Ward	20.00	150.00
Double Pink Killarney	20.00	150.00
White Killarney	15.00	125.00
Pink Killarney	15.00	125.00
Maryland	15.00	125.00
Richmond	15.00	125.00
Radiance	15.00	125.00

OWN ROOT—
Pink Killarney, 3-in., $10.00 per 100; $90.00 per 1000.
American Beauty, 2½-in., fine, strong plants, quality guaranteed, March delivery, $90.00 per 1000.
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Maryland, 2½-in.	.....	120.00
Radiance, 2½-in.	14.00	120.00
Mrs. Aaron Ward, 2½-in.	14.00	120.00
Melody, 2½-in.	14.00	120.00
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Richmond, 2½-in.	6.00	50.00
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Radiance, 2½-in.	8.00	.....
Melody, 2½-in.	8.00	70.00
Aaron Ward, 2½-in.	8.00	70.00
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Orders are now booked for April, May, June and July delivery. All goods sold for cash or 30 days on approved credit.
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SELECT ROSE PLANTS, OWN ROOTS.
From 2 and 2½-in. pots.

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Bride	$5.00	$45.00
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Roses, strong 2-yr.-old field-grown plants. Dorothy Perkins and Tausendschon, $10.00 and $12.50 per 100. Cli. Meteor, Cli. Soupert, Pres. Cleveland, Red Kaiserin, Duchess de Brabant, Mme. Jos. Schwartz, Etoile de France, Abel Chatenay, Wellesley, Yoone Vachet, Col. Williams, Florence Pemberton, Countess of Gosford, Wm. Sheen, Dean Hole, Rose Gubert, Muriel Graham, Safrano and Francisca Kruger, $10.00 per 100. Also pot-grown plants; for size and varieties write to
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READY NOW.
SATISFACTION GUARANTEED.

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Richmond	$2.00	$15.00
American Beauty	4.50	40.00
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YOUNG ROSE STOCK.
American Beauty, Killarney, Richmond, Kaiserin, Bon Silene, and Safrano. All clean, healthy stock.
ALSO ASPARAGUS PLUMOSUS NANUS SEED from my own plants.
Write for prices.
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Grafted rose plants from 2 and 2½-in. pots.
Pink Killarney ..... $12.50 per 100
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Elitch-Long Greenhouses, Denver, Colo.

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GRAFTED ROSES.
Fine stock, ready to send out.

	100	1000
Double Pink Killarney	$20.00	$150.00
Prince de Bulgarie	14.00	120.00
Pink Killarney	12.00	100.00
White Killarney	12.00	100.00

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EASTER POT BEAUTIES—ROOTED CUTTINGS
Fine 2-yr. bench Beauties, to flower at Easter, $10.00 per 100. Select, strong rooted Killarney, W. Killarney, Richmond, $3.00 per 100. Golden Gate, $2.00 per 100; $15.00 per 1000. Superior stuff, worth the price.
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American Beauty, 2¼-in., $7.00 per 100; $60.00 per 1000. White Killarney, 2¼-in., $6.00 per 100; $55.00 per 1000. Kaiserin, 2¼-in., $5.00 per 100; $40.00 per 1000. American Beauty bench plants, $6.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

ROSES—Send for complete list.

American Pillar, 3-yr	$35.00 100
American Pillar, 2-yr	25.00 100
Dorothy Perkins	12.00 100
Lady Gay, 4 to 5 ft	16.00 100

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ROSES OWN ROOT.
Lady Hillingdon, 2½-in. $20.00 100; $150.00 1000
Melody, 2½-in. 12.00 100; 100.00 1000
Canadian Queen, 2½-in. 5.00 100; 40.00 1000
MICHIGAN CUT FLOWER EXCHANGE,
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Roses, fine, healthy stock. White and Pink Cochet, Souv. de P. Notting, Apricot, Clo. Soupert, Gruss an Teplitz, Sunrise, Franz Deegen, Wellesley, Mrs. B. R. Cant and Climbing Soupert, 2-in., $3.00 per 100.
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ROSE LADY HILLINGDON.
Immediate delivery on own root stock, $20.00 per 100, $150.00 per 1000; grafted stock, $25.00 per 100, $200.00 per 1000.
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Roses, own root. My Maryland, Pink Killarney, White Killarney, Richmond, Perle, Bride and Bridesmaid, 2¼-in. pots, $5.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

Roses. Double Pink Killarney, 2¼-in., $8.00 per 100. Dark Pink Killarney, 2¼-in., $6.00 per 100. Kaiserin, 2¼-in., $4.00 per 100; $35.00 per 1000. Honaker Bros., Lexington, Ky.

40,000 own root, field-grown roses in 100 best varieties; must be sold at once. Write for low clearance price. Superior Nursery Co., 59th & Compton, Los Angeles, Calif.

Double Pink Killarney, 2½-in., $6.00 per 100. Maryland, 2½-in., $50.00 per 1000.
Star Floral Co., Wilmette, Ill.

Roses. Dorothy Perkins and Yellow Rambler, fine field-grown, $8.00 100. Blue rose, fine field-grown, $12.50 100. J. W. Ross Co., Centralia, Ill.

Roses. Bride and Richmond, fine stock in 2½-in. pots, $5.00 per 100; $40.00 per 1000.
Hayman Greenhouse Co., Clarksburg, W. Va.

THE REVIEW CLASSIFIED ADVS.
ALWAYS PAY BEST.

Richmond, ready for 3-in., 5c; rooted cuttings, 3c. Stuppy Floral Co., St. Joseph, Mo.

Spring price list ready; 225 varieties ready. Leedle Co., Expert Rose Growers, Springfield, O.

RUBBERS.

Rubbers, 6 to 13 leaves, 15c to 25c each.
E. Farley, Denison, Texas.

Rubbers, fine 5-in. stock, 35c each.
Holton & Hunkel Co., Milwaukee, Wis.

SALVIAS.

Salvias. Zurich, Fireball, Drooping Spike, 2-in., $2.00 per 100; rooted cuttings or transplanted seedlings, $1.00 per 100; $8.00 per 1000. New salvia, Pride of Maywood, of medium height, very bright, bearing large spikes, the finest we know of; 2-in. pots, $1.00 per doz.; $5.00 per 100. Rober & Radke, Maywood, Ill.

Salvia splendens, 2¼-in., $2.00 per 100; $18.00 per 1000. Cash, please.
Reeser Plant Co., Springfield, O.

500 Salvia splendens, 2½c; these plants are seedlings from 5 to 7 in. high. Cash.
C. W. Harrold, Decatur, Ill.

Salvia Zurich, strong 2-in., $2.00 per 100, $18.00 per 1000; R. C., $1.00 per 100, $7.00 per 1000 500 at 1000 rate. Krueger Bros., Toledo, O.

Salvias, splendens, Bonfire, R. C. or transpl., 90c per 100, mail 10c per 100; 2¼-in., 2c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Salvia. Bonfire, splendens. R. C., 60c. Cash.
E. W. Byer, Shippensburg, Pa.

Salvia Bonfire, 2-in., 2½c; R. C., prepaid, 90c 100. A. J. Baldwin, Newark, O.

Salvia Bonfire rooted cuttings, $1.00 100; $8.00 1000. E. B. Randolph, Delavan, Ill.

Salvias, 2-in., fine stock, $1.50 per 100.
J. F. Link, 1124 Rammers, Louisville, Ky.

Salvia Bonfire R. C., 80c 100, $7.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

SANTOLINAS.

Santolina rooted cuttings, $10.00 per 1000.
Jacob Bussler, Morgan Park, Ill.

SEEDS.

I offer fresh seeds only from strong, healthy plants, exercising care in selecting, disbudding, etc. Peerless Pink, Violet King; Crego, pure white and shell-pink; Superb Late Branching, azure blue, pale lavender, deep purple, deep crimson, deep rose, rose-pink, shell-pink, pure white; Early Wonder, pure white and pink; each, 25c per trade packet; $1.00 per oz. Purity, fine for design work, 50c per trade packet. Queen of the Market, early flowering, shell-pink, pure white, bright rose, crimson, lavender, purple, 20c per trade packet, 60c per oz. All aster seed, ½ oz. at oz. rate. Prepaid by mail. Cash, please.
M. J. Callahan, Ventura, Calif.

ASPARAGUS PLUMOSUS NANUS SEED.
New crop—Greenhouse-grown.

Per 1,000 seeds	$ 4.00
Per 5,000 seeds	18.50
Per 10,000 seeds	35.00

ASPARAGUS SPRENGERI.

Per 1,000 seeds	$ 1.25
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ASPARAGUS PLUMOSUS SEED.
Greenhouse grown, $4.00 per 1000; $18.75 per 5000. Asparagus Sprengeri, greenhouse grown, $1.00 per 1000; $4.50 per 5000.
Asparagus plumosus, outside grown (ready in March), $2.00 per 1000. Write for our 1912 catalogue.
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Asparagus plumosus nanus seed, greenhouse grown, $4.00 per 1000; 5000 seeds at $3.50 per 1000; outside grown, $2.25 per 1000. 5000 for $10.00; 10,000 for $17.50. Asparagus Sprengeri, greenhouse grown, $1.00 per 1000 seeds.
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Seed packets and bags. Catalogue, clasp and commercial envelopes, printed or plain. "If it's a Spangler bag it's a good one." Estimates furnished.
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About 25 pounds choice
ROCKY FORD CANTALOUPE SEED.
35c per lb.; 25 lbs., $6.25.
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SHREVEPORT, LOUISIANA.

CREGO ASTER SEED.
¼ oz., $1.00; ½ oz., $2.00; oz., $4.00. Cash, please.
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Clematis paniculata, Ampelopsis Veitchii, Berberis Thunbergii and 20 other varieties of fresh seed. List of seeds and plants free.
Benjamin Connell, Florist, Merchantville, N. J.

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Asparagus plumosus seed, Ohio grown, just picked, 50c 100; 500, $2.00; 1000, $3.50. Large amounts at lower rate.
A. J. Baldwin, Newark, O.

Hollyhocks. Pure clean seed of the Allegheny strain, $4.00 per lb. A fancy mixture. Why not grow your own plants?
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ASPARAGUS PLUMOSUS NANUS SEED.
SEND FOR PRICES.
PETER MACK, ORLANDO, FLA.

Aster seed, best quality, grown by specialists. See display adv. for right prices.
Herbert & Fleishauer, McMinnville, Ore.

Ardisia crenulata seed, 40c per 100. The best berried plant for Christmas.
C. P. Dietrich & Bro., Maysville, Ky.

Asparagus plumosus seed, $2.50 1000; A. Sprengeri, 75c 1000. All from my own plants.
C. H. Gardiner, South Pasadena, Calif.

JUST PICKING 50,000 fresh Pennsylvania Asparagus plumosus nanus seed, $3.00 1000. Cash or C. O. D. Benj. J. Passmore, Malvern, Pa.

SHAMROCKS.

Shamrocks for your St. Patrick's day trade in 1-in. toy pots, $5.00 per 100, $40.00 per 1000; 1¾-in. pots, $5.00 per 100, $40.00 per 1000; 4-in. pans, $1.50 per dozen. Get busy for some extra money on March 17.
Leonard Cousins, Jr., Concord Junction, Mass.

GENUINE IRISH SHAMROCK.
Original plant coming.
From Cemetery of Down Patrick, Ireland.
From 2-in. pots, $3.00 100. Cash.
J. D. Harcourt's Son, Wappingers Falls, N. Y.

Irish shamrocks for St. Patrick's day fine plants, 2-in., $3.00; 2½-in., extra strong, $5.00; miniatures, in pots, $5.00 per 100. Cash, please.
M. S. Etter, Successor to J. F. Rupp, The Home of Primroses, Shiremanstown, Pa.

TRUE IRISH SHAMROCKS.
1-in. pots, with saucers...$5.00 100; $45.00 1000
1¾-in. pots 5.00 100; 45.00 1000
Cash with order. 500 at 1000 rate.
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Shamrocks from 2½-in. pots, good stock, Boddington's strain, $4.00 per 100. Cash, please.
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Shamrocks, transplanted seedlings, cool grown, 50c per 100.
E. Van Benthuysen, R. D. 6, Schenectady, N. Y.

Shamrocks, 2-in., 2½c; from flats, 1c each.
R. Kramer, 123 Church St., Niles, O.

True Irish shamrocks, 2-in., $3.00 per 100. Cash.
John Bauscher, Jr., Freeport, Ill.

Shamrocks, 2½-in., 3c. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

True Irish shamrock, 2-in., $3.00 per 100. Cash.
Wm. Toole & Sons, Pansy Heights, Baraboo, Wis.

Irish shamrocks. See display adv.
J. W. Miller, Shiremanstown, Pa.

SMILAX.

400 smilax, 2-in. pots, cut back several times, $1.00 per 100 if taken at once, to make room.
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Smilax from 2-in. pots, several times cut back, $1.50 per 100; $13.00 per 1000.
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Smilax, fine crop, ready to cut, 5-ft. strings, $1.50 doz.; $10.00 per 100. Geo. M. Kellogg Flower & Plant Co., Pleasant Hill, Mo.

Smilax, strong 2½-in., $2.00 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

SNAPDRAGONS.

SNAPDRAGONS.

	R C. 100	R C. 1000	Pots 100
Popular light pink	$2.00	$18.00	$3.00
Fine yellow	1.50	12.00	2.50
Fine white	1.50	12.00	2.50

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Carnation Specialist,
P. O. BOX 85, KENNETT SQUARE, PA.

Wheeler's Light Pink, very free; cut 2500 spikes from 300 plants since Oct. 1. Plants now with 20 and 25 growths, 1¾-in. pots, $3.00 per 100; rooted cuttings, $2.00 per 100. Wheeler's Yellow, rooted cuttings, $2.00 per 100.
James Wheeler, Worcester St., Natick, Mass.

Snapdragon, florists' giant white, pink, yellow, orange, red, bronze. Strong R. C., $1.00 per 100, $9.00 per 1000; mail 10c per 100; 2¼-in., 2c. Cash.
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Snapdragon, soft rose-pink, continuous bloomer, tall and a fine seller in the Boston market. Rooted cuttings, $2.00 per 100, $18.00 per 1000.
R. D. Kimball, Waban, Mass.

Snapdragons, white and yellow. Rooted cuttings, $1.00 per 100. Cash with order.
E. Huston & Co., Sisterville, W. Va.

Snapdragons, large flowering, 3-in. stock, $4.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Snapdragons, giant flowering, white, pink, red and yellow. Fine 2½-in. plants, $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

Snapdragons, newest giant white and shell pink, $2.50 per 100. Strong plants, extra fine.
John F. Rupp, Shiremanstown, Pa.

STOCKS.

Stocks, 2½-in., in pink, lavender, crimson and white winter flowering. Nice, $2.00 per 100, 300 for $5.00. J. C. Schmidt, Bristol, Pa.

Stocks, fine plants, 6 to 10 in. high, 2-in. pots, pink and white, $1.75 per 100; 350 for $5.00. Cash.
Geo. A. Relyea, Orchard Pl., Poughkeepsie, N. Y.

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Stevia rooted cuttings, $1.50 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

STRAWBERRY PLANTS.

Fall bearing strawberry plants, best varieties. Descriptive catalogue free.
Basil Perry, Cool Springs, Del.

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Swainsona alba, 2½-in., $4.00 per 100.
Storrs & Harrison Co., Painesville, O.

Swainsona alba R. C., $1.00 per 100; 2½-in., 3c.
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SWEET WILLIAMS.

Sweet williams, field-grown plants that will bloom this year, $3.00 per 100; $25.00 per 1000.
J. C. Schmidt, Bristol, Pa.

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TRADESCANTIAS. 10,000 Wandering Jew R. C., tricolor and green, 60c per 100, $5.00 per 1000; 2½-in., 2c. Cash. Mailing 10c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Tradescantias, tricolor and green, strong, 2-in., 1¼c.
Davis Ave. Greenhouses, Pass Christian, Miss.

Tradescantias, green. R. C., 60c 100.
C. L. Humphrey, Zanesville, O.

500 heavy 3-in. Wandering Jew, 3c. Cash.
C. W. Harrold, Decatur, Ill.

TUBEROSES.

Tuberoses. Armstrong's Everblooming, $12.50 per 1000; small bulbs, $5.00 1000.
J. W. Ross Co., Centralia, Ill.

VEGETABLE PLANTS.

Grand Rapids lettuce plants, transplanted, $2.00 per 1000; out of seed bed, $1.00 per 1000. Cash.
Frank M. Smith Greenhouses, Dansville, N. Y.

Write to James Ray Geraty, Yonges Island, S. C., to explain how to get a selection of cabbage plants, strawberry plants, asparagus roots and 16 varieties of seed free and make $1.40 for yourself. A very attractive and profitable proposition to every one owning a garden, merchants or farmers.

Write to James Ray Geraty, Yonges Island, S. C., to explain how to get 3000 frost-proof cabbage plants for $1.00. A very attractive and profitable proposition to merchants, farmers and every one owning a garden.

"Frost-proof" cabbage plants. We ship only "quality plants" for the man who plants for profit. We guarantee satisfaction in every way. Write for prices, varieties and special express rate. Tidewater Plant Co., Box 68, Franklin, Va.

Tomato plants for forcing. Sutton's Best of All, from flats, transplanted once, $1.00 per 100; 3-in. pots, $2.00 per 100.
Addems, Morgan & Co., Paxton, Ill.

Ready now. 30,000 Grand Rapids lettuce plants, transplanted, good and strong, $2.00 per 1000; out of seed bed, $1.00 per 1000. Cash, please. Restland Floral Co., Mendota, Ill.

Parsley Double Curled, cool greenhouse grown, good, $1.50 per 1000.
E. Rawlings, Wholesale Grower, OLEAN, N. Y.

Grand Rapids lettuce plants. Transplanted, $2.00 per 1000; from seed bed, $1.00 per 1000.
Elvira Clark Visel, Chelsea, Mich.

Grand Rapids lettuce plants, transplanted and stocky, $2.00 1000.
McAdams Seed Co., Columbus Grove, O.

RHUBARB. Extra large clumps for forcing, 20c each.
Sluis Seed Store, 544 W. 63rd St., Chicago.

Comet tomato plants out of 2 and 2½-in. pots, $2.00 per 100. Edgar Easterday, Nokomis, Ill.

Tomatoes, Comet, selected seed ready to plant.
Edgar Bros., Waverley, Mass.

Grand Rapids lettuce plants, fine stock, $1.00 per 1000. Dwight Greenhouses, Dwight, Ill.

VERBENAS.

Verbenas. Our selection of rooted cuttings, 75c per 100, $6.00 per 1000; plants, 2¼-in., $2.50 per 100; $20.00 per 1000. Purchaser's selection, rooted cuttings, 90c per 100, $8.00 per 1000; plants, $3.00 per 100; $25.00 per 1000. NEW VARIETIES, cuttings, $1.00 per 100; plants, $4.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

Verbenas, transplanted seedlings, 6 leading varieties, ready March 10, $1.00 per 100. Cash, please. Rober & Radke, Maywood, Ill.

VINCAS.

Vinca variegata, exceptionally strong, pot grown. We have too many so will sacrifice to reduce stock. 2¼-in., 2c; 3-in., 5c; 5-in., 10c. The 5-in., are so very strong that they can stand division of roots. These are just right for shipping now and are very heavy rooted with medium vines. Cash.
Thos Chapman Floral Co., Denver, Colo.

Vincas, green and variegated. Strong plants, 2½-in., $40.00 1000; 3-in., $50.00 1000. The above were field-grown plants, potted up last fall. You will be pleased with this stock.
Wm. Scott Co., Corfu, N. Y.

Vinca var., fine, stocky, well established plants, 4-in., 6c; 3-in., 5c; 2-in., 2c. Strictly cash.
Wingert & Ulery, Maiden Lane, Springfield, O.

8000 Vinca variegata, small 2-in., but extra good, clean stock, $1.75 per 100; $16.00 per 1000.
Burdell Floral Co., Bowling Green, Ky.

Vinca minor, hardy periwinkle, well rooted layers, $1.50 per 100; $10.00 per 1000.
E. Y. Teas & Son, Centerville, Ind.

Vinca variegata, 2¼-in., 2 to 3 leads, $2.00 per 100; 300 for $5.00.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Vinca variegata, 2½-in., 3c; 4-in., 5 to 10 leads, 8c, 10 to 15 leads, 10c. Cash.
Cherry Park Gardens, Fredonia, N. Y.

Vinca variegata, strong 2-in. stock, $2.00 per 100; $18.00 per 1000.
B. T. Winslow, Janesville, Wis.

Vincas, green. Strong potted plants, 2-in., $2.00 per 100; $18.00 per 1000. Cash, please.
H. G. Norton, Perry, Lake Co., Ohio.

Vinca variegata, 4-in. pots, strong plants, extra long vines, $10.00 per 100; $80.00 per 1000.
Zieger & Sons, Germantown, Phila., Pa.

2000 Vinca var., good 2½-in. pots, $2.50 per 100. E. V. B. Felthausen, 184 Van Vraken, Schenectady, N. Y.

Vinca variegata. Strong rooted cuttings, 90c per 100; $8.00 per 1000. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Vinca green. Strong R. C., 90c per 100, $8.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Strong Vinca variegata clumps in 3½ and 4-in. pots, $5.00 and $6.00 per 100. Cash.
Russell Bros., R. 4, Syracuse, N. Y.

Vinca variegata, 4-in., strong, long vines, $8.00 per 100; rooted cuttings, strong, from flats, $1.00 per 100. Wm. Schwan & Son, Fredonia, N. Y.

Vinca variegata, in 2½-in. pots, good, stocky plants, ready for 3½-in., $3.00 100; $25.00 1000. Cash, please. John R. Mitchell, Madison, N. J.

Vinca variegata, strong field clumps, 4-in., 1st size, 6c; 2nd size, 5c. Ragan Bros., Springfield, O.

Vinca var., extra heavy, 4-in., $6.00 per 100.
Van Antwerp & Finger, R. 1, Syracuse, N. Y.

Vinca variegata R. C., 90c 100; $8.00 1000. Cash. Byer Bros., Chambersburg, Pa.

VIOLETS.

Violets, hardy English or Russian, 2-in., $5.00 per 100; $45.00 per 1000. Also Swanley White, $3.00 per 100.
Storrs & Harrison Co., Painesville, O.

8000 California and 1000 Princess of Wales violets from 3-in. pots, very strong, for spring planting, $4.00 per 100.
Ellsworth Greenhouses, Grand Island, Neb.

Violet Princess of Wales rooted runners, $1.00 100; $9.00 1000. J. A. Burns, Frankford Ave., Holmseburg, Philadelphia, Pa.

Marie Louise violet blooms, $1.00 per 100; $7.50 per 1000. Cash with order, please.
C. Lawritzen, Box 261, Rhinebeck, N. Y.

MISCELLANEOUS.

PLANTS READY FOR THE MARKET.
15,000 petunias, 2 and 2½-in., 2c. 500 fuchsias, 2½-in., 3½c. 500 shamrocks, 2-in., 2¾c. 1000 achyranthes, 2½-in., 2¼c. 800 A. Sprengeri, 4-in., 5c. 1500 heliotropes, 2½-in., 2½c. 1000 heliotrope rooted cuttings, in the sand, 1c. 1000 ageratums, blue, 2½-in., 2c. 500 lantanas, 2½-in., 2c. 500 cupheas, in the sand, $.007. 16,000 chrysanthemums, in the sand, 1c. 1000 stevias, in the sand, 1¼c. 1000 salvias, 2-in., 2c. 3000 Mme. Sallerol, 2½-in., 2c. 100 fine Boston and Piersoni ferns, 6-in., 40c each.
Mercer Floral Co., Bowling Green, O.

200 cyclamen, 3-in., 5 to 10 leaves, 8c. 100 Dracaena indivisa, 3-in., 5c. 31 large cinerarias, 6-in., 15c. 100 Godfrey callas, 4-in., 8c.
G. E. Kopper, Box 63, R. D., Schenectady, N. Y.

Cinerarias, marguerites, mums, 2c. R. C. lobelias, mums, 1c; achyranthes, ¾c. Haenselman, Boulder, Colo.

TO EXCHANGE.

To Exchange—Rooted carnation cuttings—

Alma Ward	$4.00 100;	$30.00 1000
Enchantress	3.50 100;	25.00 1000
White Enchantress	3.50 100;	25.00 1000
R. P. Enchantress	3.50 100;	25.00 1000
Beacon	3.50 100;	25.00 1000
Winsor	2.50 100;	20.00 1000

Or will exchange for pink geraniums from 2-in. pots or chrysanthemum cuttings.
Warwick Greenhouses, Warwick Neck, R. I.

To Exchange—R. C. of Enchantress, May Day, Scarlet Glow and White Perfection, also rose plants, both field and pot grown, summer propagated, including such varieties as Lady Hillingdon, Ward and the Killarneys (write for list), for 3½, 4, 5 and 6-in. Boston, Whitmani, Scottii, Elegantissima or any other plume ferns.
Rosemont Gardens, Montgomery, Ala.

To Exchange—Rooted carnation cuttings, Enchantress, Victory, $2.50 100, $20.00 1000; Sangamo, W. Perfection, May Day, $2.00 100, $18.00 1000, for Asparagus plumosus, 2½-in. pots. If interested write.
N. A. Schmitz, 1517 Francis St., Chicago.

To Exchange—Mrs. F. Sander daisy, 3-in., 6c; Dracaena indivisa, 2-in., 2½c; Robt. Green pelargoniums, 2¼-in., 5c, for rooted cuttings of Victory, White Wonder, W. Enchantress or Beacon; Asparagus plumosus, 2-in., or 2-in. geraniums.
Johnson Floral Co., Kendallville, Ind.

To Exchange—Chrysanthemum rooted cuttings of the following: Monrovia, Bonnaffon, Enguehard, C. Touset, Oct. Frost and Gloria, $1.00 per 100; $8.00 per 1000, for salvias, rooted cuttings and 2-in. J. H. Milnor Sons & Co., Ada, O.

To Exchange—Carnation rooted cuttings, Lawson-Enchantress, for rooted cuttings of Rose-pink Enchantress carnations and Golden Glow and Pacific Supreme chrysanthemums.
G. F. Lippold, Cumberland, Md.

To Exchange—Fine plants, 2½-in. pots, of geraniums, Double White and Paumpack, double cerise pink, for rooted cuttings of Enchantress or Rose-pink Enchantress.
Myers & Co., Bluffton, Ind.

To Exchange—Peach and plum trees, in standard varieties, for bedding plants, cannas, bulbs, young evergreens, shrubs, etc., for lining out. Will furnish good trees at close prices.
J. M. Thompson, Box 298, Waco, Texas.

FLORISTS' MANUAL, by Wm. Scott, tells you just what you want to know in just the way you want to be told; $5.00, prepaid.
Florists' Pub. Co., Caxton Bldg., Chicago.

To Exchange—Chrysanthemums, 2½-in. stock, best sorts, $3.00 100, and one lot of gardenias, 4-in., $7.00 100, for baby's breath or Whitmani ferns. Mrs. R. J. Cosper, Box 68, Monroe, La.

To Exchange—Enchantress carnations, 2¼-in., cool grown, healthy stock, $3.00 per 100, for White Enchantress, 2¼-in. or rooted cuttings, or 3-in. Vinca var. Wm. Krieger, Lansing, Mich.

To Exchange—2000 to 3000 assorted ferns, 2½ and 3-in., Boston and Elegantissima, for single geraniums or small Vinca variegata, 2¼-in. or R. C. W. H. Reeser, Urbana, O.

To Exchange—Nice Godfrey callas, in flats, for heliotropes, geraniums, gladioli or anything I can use in soft wooded stock. Write me what you have. B. F. Hensley, Knightstown, Ind.

WANTED.

Wanted—Rooted carnation cuttings. We can use for our catalogue trade large lots of carnations in the standard varieties. We shall be pleased to receive quotations from any grower having a surplus to dispose of at a price he does not wish the general trade to know.
J. W. Vestal & Son, Little Rock, Ark.

Wanted—5000 rooted cuttings of S. A. Nutt. State in answer full particulars as to price and quantity. Address No. 154, care Florists' Review, Chicago.

Wanted—1000 each Maryland, Jardine and Kaiserin, either two year old or extra strong one year, for immediate shipment.
Hiawatha Gardens Co., Minneapolis, Minn.

Wanted—Prices on H. P. roses, shrubs, bulbs, etc., wrapped up for department store trade.
Wm. Eschrich Co., North Milwaukee, Wis.

Wanted—500 Geranium Jacquerie, single crimson, any size and any part. State how many and price. W. H. Reeser, Urbana, O.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 50c per 1000 postage paid.
MICHIGAN CUT FLOWER EXCHANGE,
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Pillsbury's carnation staples, 50c per 1000. Postpaid. I. L. Pillsbury, Galesburg, Ill.

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Folding cut flower and corrugated design boxes. See our display adv. Write for price list.
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Buyers of corrugated shipping boxes, send for catalogue just issued. See display adv.
Hinde & Dauch Paper Co., Sandusky, O.

Folding cut flower boxes, the best made. Write for list. Holton & Hunkel Co., Milwaukee, Wis.

DECORATIVE MATERIAL.

Write for our special price on a special lot of dagger ferns.
Try our laurel festooning for your decorations, only 5c per yd.; 10 yds. free with first order.
Crowl Fern Co., Millington, Mass.

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CYACEINE FLOWER COLORING, yellow, orange, pink, blue, green, American Beauty, 20c per qt. by mail.
C. R. Cranston, 146 Orchard St., Auburn, R. I.

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GOLD FISH.
We are now shipping
Extra fancy crop.
FANCY LONG TAILS
FANTAILS
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If you have not our price list
A post card will bring it.
GLEN MARY FISH FARM,
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MATS.

MATS.
For hotbeds and coldframes. The most practical and cheapest on the market. Send for circular and price list. Watts Bros., Kerrmoor, Pa.

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Standard Flower Pots. If your greenhouses are within 50 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts. N. E., Washington, D. C.

We make Standard Flower Pots, etc.
Write us when in need.
Wilmer Cope & Bro.
Lincoln University, Chester Co., Pa.

"NUF SED." Best red pots are made by
Geo. E. Feustel, Fairport, Iowa.

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Raffia. Red Star and 3 other grades. Bale lots or less. Colored raffia, 20 colors. Write for prices.
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Raffia (colored), 20 beautiful shades. Samples free. R. H. Comey Co., Camden, N. J.
Or 2440-2454 Washburne Ave., Chicago.

TOBACCO.

Fresh tobacco stems, in bales, 200 lbs., $1.50; 500 lbs., $3.50; 1000 lbs., $6.50; ton, $12.00.
Scharff Bros., Van Wert, Ohio.

Tobacco dust for dusting, 100-lb. sack, $1.75; 200 lbs., $3.00. G. H. Hunkel, Milwaukee, Wis.

Fresh tobacco stems, 65c per 100; $12.00 per ton. F. O. B. N. D. Mills, Middletown, N. Y.

WIRE WORK.

Florists' wire designs and hanging baskets.
Wyandotte Wire Works Co.,
700-702 Ferry St., Kansas City, Kan.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
166 North Wabash Ave., Chicago.

FALLS CITY WIRE WORKS,
451 S. Third St., Louisville, Ky.

William E. Hielscher's Wire Works,
38 and 40 Broadway, Detroit, Mich.

Wm. H. Woerner, 520 N. 16th St., Omaha, Neb.

SMITH, LINEAWEAVER & CO.
COAL
Anthracite, Bituminous, Coke and Gas Coal
West End Trust Building, Philadelphia

Greenhouse Heating.

THE big blizzard that swept over the country February 21 again disorganized transportation and coal has come forward slowly in the last week. With a suspension of mining operations March 31 almost certain, it behooves every grower to put himself on the safe side in the next three weeks.

CEMENT WASH FOR PIPES.

Would it be all right to paint the heating pipes with a thin coat of lime and cement? M. B.

While there would be no particular objection to painting the heating pipes with cement or other similar washes, it would tend to rub off in time. A more durable wash can be made of lampblack mixed with equal parts of linseed oil and turpentine. If the cement and lime wash is used, it should be made quite thin, as otherwise it will be likely to scale off and it will also impede the radiation of heat.

QUANTITY OF FUEL.

In reply to the inquiry of L. M. M. in The Review of January 25, page 84, concerning the quantity of fuel per 1,000 square feet of glass, I will say that in St. Louis we are using about 1,300 bushels of screenings and 300 bushels of lump coal of mixed grades to heat 6,000 square feet of glass to 60 degrees. This equals sixty-four tons, or ten and two-thirds tons per 1,000 feet of glass.

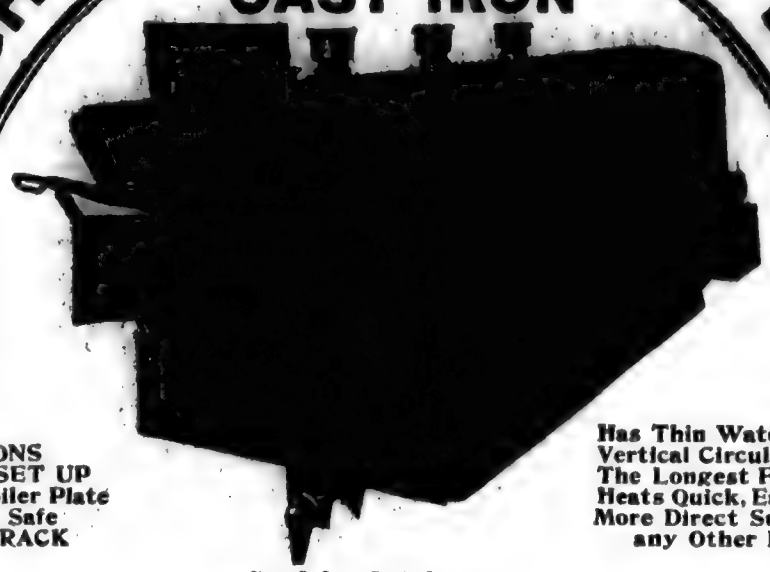
We are using an internally fired tubular boiler with hot water under pressure and like that type of boiler for screenings, as it has relatively large heating power in the flues, which are cleaned every day, this being an important matter.

With 10 degrees above zero and a high broadside wind, it required twenty-two bushels in twenty-four hours to hold the temperature at 52 degrees, which was as severe as any weather we had, but we hold the temperature generally at 60 degrees. R. S.

THREE DETACHED HOUSES.

Please let me know the best way to pipe my greenhouses. House No. 1, which runs north and south, is 29x120, sixteen feet to the ridge and six feet to the eaves, with three feet of glass in the sides. In this house, which is to be used for carnations, I want a temperature of 50 degrees in zero weather. The boiler shed is at the north end of house No. 1. House No. 2 runs west from the north end of No. 1, but is separated from No. 1 and from the boiler shed by a passageway. This house is 16x100; it is eight feet to the ridge and has 4-foot walls. It is partitioned, making two rooms. The east room, the one next to the boiler, is forty feet long; the other room is sixty feet long. In

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KROESCHELL HOT WATER BOILERS
TELEGRAPH AT OUR EXPENSE
NOT CAST IRON



NO SECTIONS
EASY TO SET UP
Made of Boiler Plate
Absolutely Safe
CANNOT CRACK

Has Thin Water Ways
Vertical Circulation
The Longest Fire Travel
Heats Quick, Easy to Clean
More Direct Surface than any Other Boiler

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Immediate Shipment — Any Size

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Range of H. M. Totman, Randolph, Vt.—the largest cut flower establishment in Vermont. No. 7 Kroeschell heats the entire plant.

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WHOLESALE AND RETAIL FLORIST.
GROWER OF THE FINEST CARNATIONS.
SPECIALTIES { CUT FLOWERS, FLORAL DESIGNS, BEDDING PLANTS. TELEPHONES { LONG DISTANCE —AND— ORANGE COUNTY

RANDOLPH VT.

Gentlemen:-

Your #7 Kroeschell Boiler rated at 15,000 sq.ft. of glass is carrying my entire range of 17,000 sq.ft. of glass. It might heat more.

We maintain a temperature of 50° and had no trouble to keep the proper temperature in the coldest weather.

During the recent cold snap I fired every 3 hours during the night. I find it a saving in coal to fire often. I have the KROESCHELL BOILER six years, and the only expense is one set of grates.

NO OTHER BUT A PLATE BOILER FOR ME.

Yours very truly
H. M. Totman.

Kroeschell Boilers Save Fuel

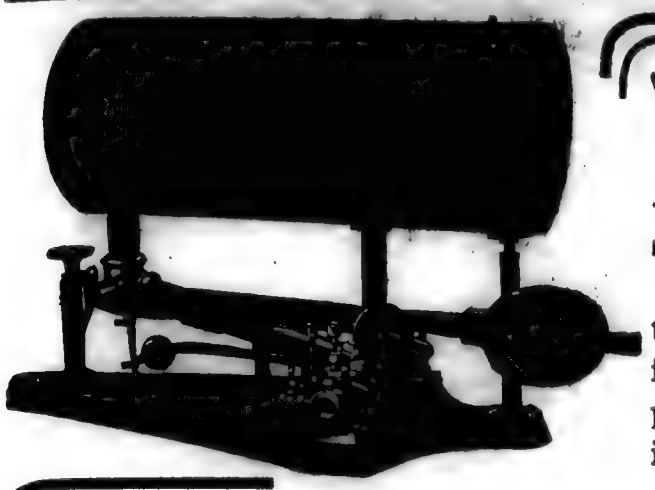
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GET A KROESCHELL
THEY ARE HONESTLY RATED

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Where There Is Condensation

—there is need for a Morehead Steam Trap. Condensation in steam lines is akin to matter out of place—means wasted energy.

If your lines are sluggish—if your houses are not of uniform temperature, write us. We guarantee to drain your lines perfectly—return the pure, hot condensation to your boiler without pump or injector or make no charge for the trial. Obey that impulse—write now.

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Mention The Review when you write.



A Steady Pressure

will always be maintained in your steam pipes, no matter how the pressure at the boiler fluctuates, if you equip your main lines with these valves. Carry 40 or 50 pounds pressure on the boiler, set the

Hughson Regulating Valve

to carry 5 or 10 pounds on the line and you will always have a reserve in case of a sudden drop in temperature. This valve saves both fuel and worry. Ask for catalogue and particulars.

Hughson Steam Specialty Co.

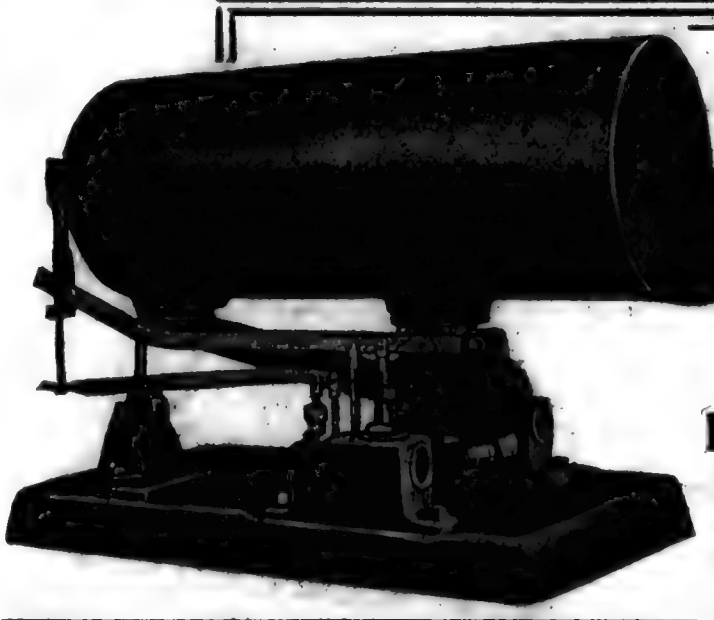
5021-3 S. State St., Chicago

Mention The Review when you write.

the 40-foot room I want 65 degrees and in the 60-foot room I want from 45 to 50 degrees. In this house all the returns will be on the side walls. South of No. 2 and parallel with it is house No. 3, which is 16x50, twelve feet to the ridge and five feet six inches to the eaves, with thirty inches of glass in the sides. It is to be used for propagating carnations. What is the proper temperature for a propagating house?

What size of hot water boiler will be required? We shall use a Burnham boiler. Will a 3½-inch outlet from the boiler be large enough? What size of expansion tank will be required, and what size of pipe should be used to connect it? Where should the connection be made? Our location is southern New Jersey. C. H. B.

The boiler to heat three houses of the size given should have a rating of 2,800 to 3,000 square feet of radiation, and



An Asset in the Greenhouse Heating System

"Detroit" RETURN TRAPS

are machines from start to finish. Built with as much care as would be given the finest engine.

Simple in design and construction. Air and steam valves are in the same cast iron body.

A shock absorber receives the full weight of water as the trap tilts, eliminating stress, "smash and bang," usual with the ordinary tilting trap.

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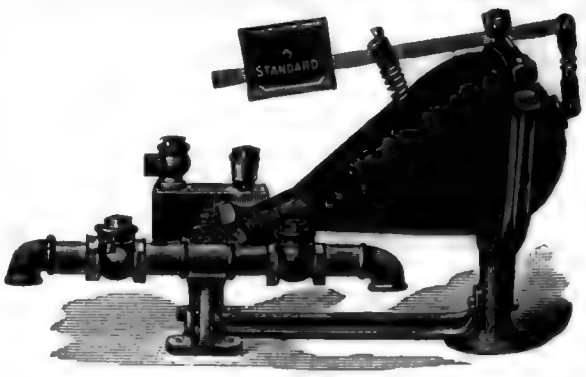
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STANDARD

STEAM TRAPS

The simplest, most durable and up-to-date steam trap on the market. Ask the man who owns one.

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YOUNGSTOWN, OHIO

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Ford & Kendig Co.

"Spellerized" Wrought Pipe

Especially adapted for Greenhouse Work, Fittings, Valves, Tools, etc.

24th and Wood Sts. PHILADELPHIA, PA.

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50% SAVED

Pipes, Flues

and casing thoroughly overhauled and guaranteed. Greenhouse fittings of every description.

ILLINOIS PIPE & MFG. CO.

3115 S. Jefferson Street, CHICAGO

Mention The Review when you write.

there should be two 3½-inch flow pipes. One of these should supply house No. 1 and the other will answer for the other two houses. Although a smaller expansion tank would answer, it will be well to select one with a capacity of twenty gallons. Run the flow pipes downhill and from the highest part of each take a 1-inch pipe. Unite these and connect with the expansion tank with a 1¼-inch pipe. If convenient to do so, elevate the expansion tank ten or fifteen feet. However, five feet of elevation will answer, and even less might be used if necessary.

For the heating of house No. 1 to 50 degrees, use three 2½-inch flow pipes and twelve 2-inch returns. Run one flow under the ridge and the others under the purlins or upon the plates. Four of the returns may be upon each wall and the others under the benches, or in the walks if beds are used.

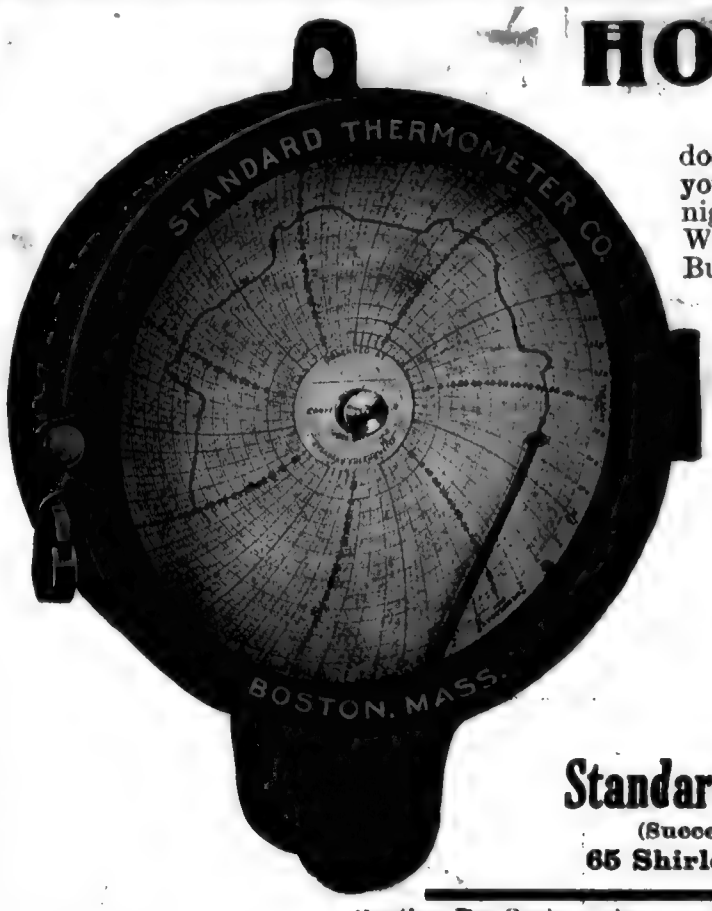
For heating house No. 2, several ways might be used. One of the simplest would be to run a 3-inch flow pipe through the house to the west end and bring back eight 2-inch returns. This would give a temperature of 50 degrees in both ends of the house. To give a higher temperature in the east end of the house, take off a 2-inch pipe from the overhead flow, which should drop down and supply four 2-inch returns running through the east end of the house. In case, however, it is likely that at any time only one end of the house may require heat, it will be better either to run a separate 2½-inch flow pipe for each room, or to run the 3-inch flow as suggested above, but, instead of having the returns run back through the east room, connect them to the boiler by means of one 2½-inch or two 2-inch returns after uniting them at the partition by means of headers. For heating the east room, take off a 2½-inch flow from the overhead 3-inch pipe, and supply with this twelve 2-inch returns.

For the carnation propagating house, 16x50 feet, which should have a temperature of 50 degrees with about 10 degrees of bottom heat, run two 2½-inch flows and ten 2-inch returns. The returns should be under the benches, which should be partly enclosed to hold the heat.

IN WESTERN OHIO.

I have been much interested in the information that I have found from time to time in The Review, with reference to the piping and heating of greenhouses, but none of the instructions have exactly suited my case. Please tell me how to pipe my two houses, both to be used for a general collection of plants, but one to be somewhat cooler than the other. The houses are each 15x50 and nine feet high to the ridge. I have a ten horse-power boiler. H. W. R.

The foregoing description does not give a clear idea of the construction of the houses, but if the walls are tight, without glass, and not more than five feet high, and if the roofs are also in good condition, it will be possible to pipe one house, 15x50, so that a temperature of 50 degrees can be maintained, by using one 2½-inch flow pipe about eighteen inches under the ridge, and six 2-inch return pipes. Three of these could be on each wall; or, if there is a bench in the middle of the house, two of the pipes could be carried underneath and the other pipes



HOW MUCH

does the temperature vary in your greenhouses during the night, or when you are absent? What's that—you don't know? Buy a

STANDARD
RECORDING
THERMOMETER

and find out. It has saved hundreds of dollars for many florists and may do as much for you. Your plants and stock require certain steady temperatures. Use this thermometer and you will know whether they are getting what they need. It leaves a written record under lock and key.

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Standard Thermometer Co.,
(Successors to Parker Mfg. Co.)
65 Shirley St., BOSTON, MASS.

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SELF-CONTAINED



SHOWN PARTLY OPEN.

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Measure size of your furnace and see our Exhibit at the Flower Show, Joliet, Ill., March 5th and 6th

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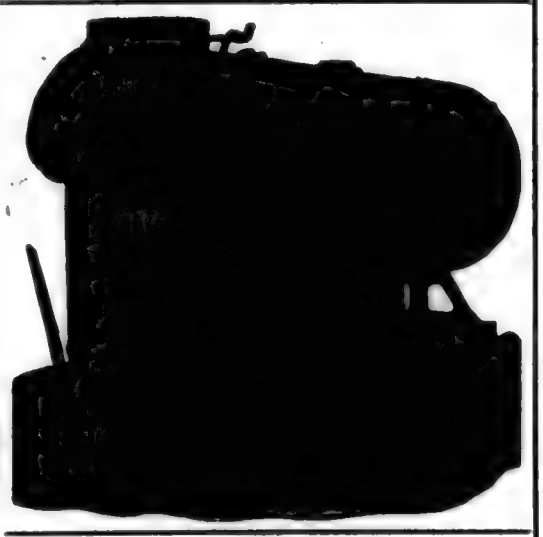
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I make a specialty of handling carefully selected Boiler Flues, 4-inch diameter and other sizes for greenhouse heating, retubing Boilers, Gutter Posts, etc. These Flues are thoroughly cleaned and trimmed, ready for use. Also sales agent for Stuttie's Patent Clamp for joining Flues—no packing, no leaks. Right prices and prompt shipment.

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1405 Wells St., Chicago
Telephone North 572
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QUALITY PIPE AND FITTINGS
FOR GREENHOUSES
STEAM AND HOT WATER
Get our Catalogue and Prices.
WHETSTONE & CO., Inc.
911 Filbert Street, Philadelphia, Pa.
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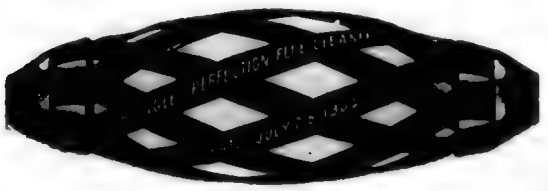
IMPROVED RETURN TUBULAR FIREBOX BOILER



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131 E. 26th St., New York City

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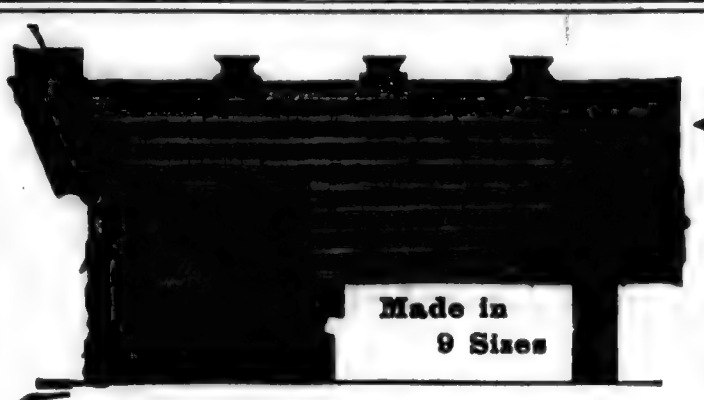
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The Perfection will clean welded flues as well as old ones; remove scale from tubes without cutting metal; clean hot or cold flues without changing temper; can be operated by flexible handle.

The knives are always sharp.
Heads are drop steel forgings.
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More Heating Surface

and less water space than is contained in any other boiler. (Note the many flues set close together.) This is one reason why the users of the

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find them perfectly satisfactory. We frequently receive re-orders from florists who have tested these boilers thoroughly and found them even "Superior" to our claims.

Why not ask for full particulars today? A postal to us will bring a prompt reply.

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Burnham Boilers Best

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The Most Economical Boilers for Greenhouses

No night fireman required with our Self-feeding Hot Water Boilers.

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A list of PLANT NAMES and the Botanical Terms most frequently met with in articles on trade topics, with the correct pronunciation for each.

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Martin Rocking Grate

IT SAVES COAL

MARTIN GRATE CO., 515 S. Dearborn St. CHICAGO.

could be on the walls or under the side benches. To heat the other house to 60 degrees with hot water, one 2½-inch flow and eight 2-inch returns should be used; either two or three of the returns could be on each wall.

If preferred, two 2-inch flow pipes might be used in each house. In either case they should have a slight fall and the expansion tank should be connected with the highest point of each flow pipe. If one main is used to supply the two houses, it should be 3-inch, and the main return may be of the same size, or a 2½-inch return could be run to the heater from each house.

There Is a Splendid Chapter on

Greenhouse Heating

in The Florists' Manual

By WILLIAM SCOTT

A complete reference book for commercial florists. 253 large pages, fully illustrated. Treats on over 200 subjects concerning greenhouse building, heating, management, and plant culture. It tells you just what you want to know, in just the way you want to be told.

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24 sheets.....$ 0.75
144 sheets..... 3.50
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Furnishes the Most Nicotine for the Money!

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Over 40% Nicotine

By far the CHEAPEST.

Just Note Prices!

Pint .....$ 1.50
½ Gallon..... 5.50
Gallon 10.50
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DETROIT.

The Market.

The exceedingly heavy snowfall last week seems to have put a damper on business, in this city at least. For several days the car service was greatly impaired and since then the streets have been almost impassable, owing to the thawing of the snow. Another heavy snowfall added to the bad condition on Sunday evening, February 25. While the condition of the weather or streets does not usually have much of an effect on the sale of funeral work, even this old standby has been somewhat lacking, and as a result carnations, spring stock and lilies are in oversupply.

Roses are not too plentiful and remain well cleaned up at good prices.

Various Notes.

E. A. Fetters' delivery car was badly damaged by a fire in the Broadway garage on Friday evening, February 23. The body will have to be entirely rebuilt and it is doubtful whether Mr. Fetters will have the use of it by Easter.

Fred Graessle, of Schroeter's, spent several days in Columbus last week. There is a rumor that the wedding bells will soon ring out. Incidentally he visited the trade while in Columbus.

Breitmeyer's had some large azaleas in their window last week, bearing real cherries—candy coated—in place of flowers. A cherry tree in the foreground, with a small hatchet, was also suggestive of Washington's birthday.

A. Pochelon, of the Bemb Floral Co., intends to take a trip east next week and will visit New York, Philadelphia, etc.

William Dilger carried out the decorations at Harmonie hall last week for the annual masquerade and was highly complimented upon his work. He used many hundred birch poles to form a pergola, covering these with southern smilax.

Robert Rahaley, of the Michigan Cut Flower Exchange, has not been feeling well for several days, but it is hoped that he will be back on the job before this is in print.

Much business of importance is to be transacted at the meeting of the Detroit Florists' Club, to be held on Monday evening, March 4, and every member should make it a point to attend.

H. S.

Fairbury, Ill.—Alex. Milne's carnations are all in fine condition and in heavy crop. He has 14,000 square feet of glass and grows Washington, White Enchantress and Enchantress.

TO-BAK-INE KILLS BUGS

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E. H. HUNT

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GREEN FLIES AND BLACK ONES TOO

ARE EASY TO KILL WITH

Berger's Fumigating Kind Tobacco Powder

$2.00 per bag of 100 lbs. Also, Tobacco Stems, 50c per 100 lbs.

INTERSTATE TOBACCO COMPANY, 713 First Avenue, NEW YORK

Mention The Review when you write

NIKOTEEN The most effective and economical material there is for Spraying Plants and Blooms. Skillfully extracted from Leaf Tobacco and carefully refined, it is clean and easy to apply. Does the work when vaporized, either in pans, on pipes or over a flame. **Full pint bottles, $1.50.**

APHIS PUNK Specially prepared for fumigating closed houses. It vaporizes the Nicotine evenly and without waste. Nothing keeps a house free from Aphis so cheaply.

All Seedsmen

Prepared by The Nicotine Mfg. Co., St. Louis, Mo.

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ACME NICOTINE INSECTICIDES

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Acme 30 Per Cent Nicotine Liquid,
Pint $1.10— Gallon $8.00

Acme 45 Per Cent Nicotine Liquid,
Pint $1.75—Gallon $12.50.

Acme Nicotine Fumigating Paper,
Each sheet 17½ inches long.
Packed in air tight cans.
24 Sheets 60 Cents. 288 Sheets $5.50.
1728 Sheets $31.50.

J. P. BEERMAKER, 8 Washington Avenue, ST. LOUIS, MO.

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Green Flies and Black ones too

are easy to kill with

The Fumigating Kind Tobacco Powder

$3.00 per bag 100 lbs.

Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?

THE H. A. STOOTHOFF CO., MOUNT VERNON, N. Y.

Always mention the Florists' Review when writing advertisers.

Aphine

The Insecticide that kills plant Lice of every species

Grand Rapids, Mich., Feb. 6, 1912.

The Aphine Manufacturing Co., Madison, N. J.

Gentlemen: In reply to your letter of Jan. 27, will say that we have been using Fungine on lettuce for dry wilt, on roses for mildew, also on growing tomato plants. We are very much pleased with the success that we have had with it.

We use the Aphine for lice on lettuce instead of ——— [a nicotine preparation] and other mixtures. We also find this to be very successful.

Kindly advise us if you put this up in barrel lots; if so, give us prices, as we will be using more and more of this Fungine as the season advances.

We will be glad to refer any of the Grand Rapids growers to these products.

Yours very truly,

GRAND RAPIDS GREENHOUSE CO.

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FOR SALE BY SEEDSMEN

Manufactured by

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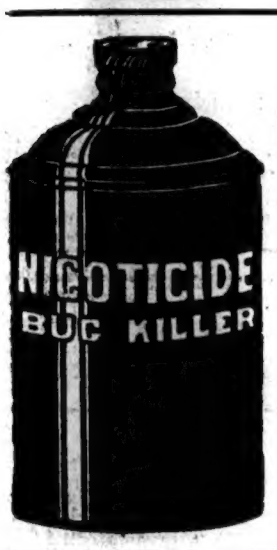
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"A little pot is soon hot"; so is a thin pot. Our pots are much thinner and tougher than others. It's the quality of the clay. Write for our latest price list if you did not get one.

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The Clark Bros. Pottery Co.

CROOKSVILLE, OHIO.

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RED FLOWER POTS

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Before buying write for prices.

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Near

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For Sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, $1.00 per doz. by express. Sample doz. by mail, $1.25.

I. N. KRAMER & SON, Cedar Rapids, Iowa

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RED STANDARD POTS Prices per 1000, F. O. B. Harrison

3-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 2½-in., $5.85; 4 in., $7.20; 5-in., $11.70; 6-in., $19.80.

Cash must accompany order.

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is the state to get the nice Red Standard Pots, Pans, Azalea Pots, etc., and **NORRISTOWN** is the town where they manufacture them and burn them a nice red color. **Try us** and see if they are not just as cheap, too.

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Standard Flower Pots

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Standard Red Pots

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We carry a complete line of Florists' pots.

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The Market.

The week of February 12 was unusually active, and everyone seemed satisfied with results. The custom of sending flowers for valentines was carried further this year than ever before, and it was quite common for a lady to leave orders for deliveries to all her friends. Violets were the favorite and were in plentiful supply. American Beauties were scarce, and nearly all orders had to be refused. As usual, red carnations were away out of reach for Valentine's day and for Washington's birthday, but since then they have not moved as fast as other colors.

Long Beauties are coming in better now, and in greenhouses where they were cutting two or three a day last week, they are now getting a dozen or more. There are few of a medium grade, however. Tea roses are better, although there are not yet enough to supply the demand, especially in short stock, such as is used in funeral work. There have been several large funerals during the last two weeks, and roses that are at all salable have found a market.

The cut of carnations is at its height and consequently there is a surplus. The quality of stock is first-class. Enchantress is inclined to take its annual nap and frequent complaints are received because it has gone to sleep after having been cut only a few hours. Bulb stock is coming in heavily. There are some fine pots and pans of hyacinths, tulips and daffodils. Some elegant azaleas are to be seen. They are much better now than they were at Christmas time, but unfortunately do not bring as good prices.

Easter and calla lilies are abundant. A few bunches of pansies are brought in occasionally and are sold immediately.

There is no smilax within miles of us. All that Colorado Springs had has been cut and shipped and now we do not know where to look for it. Ferns are in great demand, and the weekly shipments received are sold quickly. There is no overabundance of Sprengeri, and practically no plumosus. Adiantum Croweanum is about cut out, and what is now coming in is short and inferior.

Various Notes.

Mr. and Mrs. A. G. Robinson have bought the D. Marsh place at La Junta, Colo., where they will conduct a first-class flower store. Mr. and Mrs. Robinson were both with the Mauff Floral Co. for some time.

The Coterie of the Park Floral Co. was entertained February 13 by Mr. and Mrs. J. A. Valentine, at their home. It was a "Valentine" party, and some of the original valentines created much merriment. J. A. Jensen was admitted to membership, after having been subjected to a most rigid examination.

Mr. and Mrs. T. D. Long returned from the east February 12.

N. A. Benson has started work on five new greenhouses, in which he will grow roses the coming season.

Frank Fraser, of the Alpha Floral Co., has been quite ill for over a week.

Fred Meyer, a successful rose grower who has been with Emil Glauber for several years, has gone to Richmond, Ind., to accept a position with the E. G. Hill Co.

The decorations at the Cafe Martin, at its public opening February 24, were by Miss Pearse, of the Dutch Mill.

Visitor: S. R. Lundy, of A. L. Randall Co., Chicago. M. R. J.



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MADE OF CAST IRON

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RANDOM OR SPECIFIED WIDTHS

10 to 16 feet long

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Cattle Manure in Bags

Shredded or Pulverized



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Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unequaled for all field use. Write for circulars and prices.

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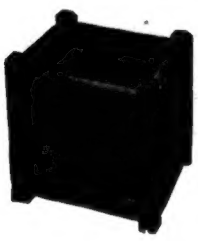
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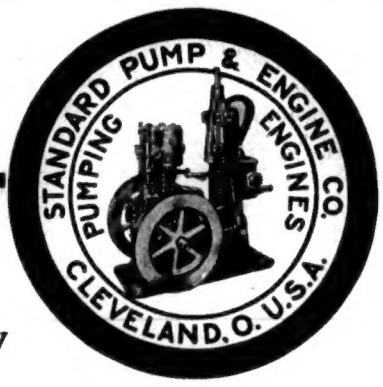


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No.	Diam.	Each	Doz.	100
10	20 in.	$1.45	$16 00	$130.00
20	18 in.	1.30	14.00	115.00
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ROCHESTER.

The Market.

With the coming of Lent a damper has been put on the florists' business. However, there have been a number of funerals and transient trade has been fair, but Washington's birthday had no great effect upon business. Almost a week of mild weather, with some sunshine, has brought an abundance of bulbous stock into the market, and tulips, hyacinths and daffodils have taken a drop of a few cents on the hundred. Violets have been affected by the warm weather and are not quite as good as they have been, excepting Princess of Wales, which are much better.

Carnations are arriving in great quantities and are much reduced in price; nevertheless the quality is excellent. Beauties are indeed rare, for there are scarcely any coming into this market. Other roses are fair and in better supply. Cattleyas are somewhat scarce and the price has advanced. Gardenias also have gone up once more.

Valley is good and there is lots of it, and greens of all kinds are plentiful. The warm weather has brought on azaleas, lilacs and bulbous stock in great shape and large quantities of flowering plants are on sale at the various stores.

Various Notes.

The Bowling Club met last Tuesday evening, but they will have to go some to keep up with the Buffalo team.

George J. Keller is growing some excellent Primula obconica, which finds a ready sale.

Thomas Cogger, of McCarthy & Co., Boston, Mass., was in town last week. He reports that he likes traveling much better than the florists' business and is glad he made the change.

The Wm. Scott Co., of Corfu, N. Y., is cutting sweet peas of exceptionally good quality.

L. J. Brundage is going into partnership with C. G. James, of the firm of James & Son, of Hornell, N. Y. About April 1 they will begin the erection of 10,000 square feet of glass at Penn Yan, N. Y.

J. B. Keller Sons have an unusual window display in a landscape effect, with beds of hyacinths, primroses, daffodils, pussy willows, and a miniature fountain. The suggestion of spring draws large numbers to look at this window.

Mrs. William C. Barry, Sr., died suddenly at her home, 706 Mt. Hope avenue, February 20. Further particulars are given in the obituary column this week. The Rochester Florists' Association sent a beautiful floral tribute to the funeral.

George Boucher's window display last week was most attractive and consisted of Japanese crab apple trees in bloom, and white lilacs. E. C. A.

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TILE BOTTOMS 12 x 24 and 9 x 14
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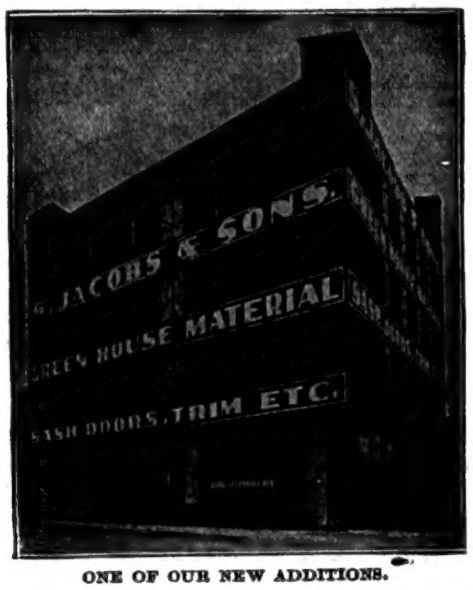
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LIGHT, STRONG and LASTING
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